

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084305.D
 Acq On : 03 Oct 2024 17:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:39:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	158850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121335	51.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.040%
35) Dibromofluoromethane	8.165	113	95521	52.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.480%
50) Toluene-d8	10.565	98	359398	53.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.847	95	126918	52.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90010	47.904	ug/l	95
3) Chloromethane	2.359	50	101197	47.169	ug/l	100
4) Vinyl Chloride	2.512	62	100445	48.333	ug/l	99
5) Bromomethane	2.947	94	62405	45.526	ug/l	99
6) Chloroethane	3.118	64	64743	43.500	ug/l	95
7) Trichlorofluoromethane	3.500	101	162821	50.314	ug/l	97
8) Diethyl Ether	3.959	74	57877	48.223	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	92555	49.915	ug/l	99
10) Methyl Iodide	4.594	142	117761	49.315	ug/l	96
11) Tert butyl alcohol	5.518	59	92887	239.177	ug/l	100
12) 1,1-Dichloroethene	4.341	96	88956	49.737	ug/l	94
13) Acrolein	4.183	56	125490	281.466	ug/l	96
14) Allyl chloride	5.024	41	145034	46.692	ug/l	99
15) Acrylonitrile	5.718	53	258845	263.933	ug/l	99
16) Acetone	4.424	43	237707	234.943	ug/l	99
17) Carbon Disulfide	4.712	76	247500	43.707	ug/l	99
18) Methyl Acetate	5.024	43	118773	53.860	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	311809	51.653	ug/l	100
20) Methylene Chloride	5.277	84	102039	49.613	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	94372	50.364	ug/l	96
22) Diisopropyl ether	6.671	45	341390	53.135	ug/l	97
23) Vinyl Acetate	6.606	43	1276678	267.905	ug/l	100
24) 1,1-Dichloroethane	6.571	63	186701	51.962	ug/l	99
25) 2-Butanone	7.482	43	352705	255.947	ug/l	99
26) 2,2-Dichloropropane	7.494	77	159491	49.231	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	115984	51.223	ug/l	100
28) Bromochloromethane	7.812	49	74744	46.624	ug/l	97
29) Tetrahydrofuran	7.841	42	228877	269.137	ug/l	99
30) Chloroform	7.965	83	192333	51.533	ug/l	98
31) Cyclohexane	8.259	56	158221	45.354	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	170572	50.888	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130692	49.675	ug/l	99
37) Ethyl Acetate	7.559	43	138196	51.200	ug/l	99
38) Carbon Tetrachloride	8.359	117	147335	51.051	ug/l	98
39) Methylcyclohexane	9.600	83	145723	49.766	ug/l	99
40) Benzene	8.606	78	422359	51.525	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	77512	52.897	ug/l	98
42) 1,2-Dichloroethane	8.671	62	146428	52.692	ug/l	100
43) Isopropyl Acetate	8.688	43	267412	50.581	ug/l	95
44) Trichloroethene	9.353	130	95060	49.652	ug/l	94
45) 1,2-Dichloropropane	9.623	63	105317	54.312	ug/l	98
46) Dibromomethane	9.706	93	72256	55.216	ug/l	99
47) Bromodichloromethane	9.888	83	155710	53.558	ug/l	97
48) Methyl methacrylate	9.676	41	110912	52.702	ug/l	99
49) 1,4-Dioxane	9.694	88	41475	1070.473	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	722302	281.111	ug/l	100
52) Toluene	10.629	92	262593	52.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157067	52.999	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	168246	52.780	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	97778	54.565	ug/l	96
56) Ethyl methacrylate	10.876	69	162693	55.176	ug/l	99
57) 1,3-Dichloropropane	11.165	76	169036	52.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	367230	268.477	ug/l	100
59) 2-Hexanone	11.194	43	531745	276.887	ug/l	100
60) Dibromochloromethane	11.359	129	115629	54.613	ug/l	98
61) 1,2-Dibromoethane	11.470	107	98036	52.651	ug/l	100
64) Tetrachloroethene	11.106	164	81142	47.369	ug/l	97
65) Chlorobenzene	11.894	112	272909	50.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	97192	51.747	ug/l	100
67) Ethyl Benzene	11.965	91	497963	51.638	ug/l	99
68) m/p-Xylenes	12.070	106	371996	104.283	ug/l	99
69) o-Xylene	12.400	106	180762	53.560	ug/l	99
70) Styrene	12.412	104	313450	54.832	ug/l	99
71) Bromoform	12.576	173	77188	55.820	ug/l #	98
73) Isopropylbenzene	12.694	105	459334	49.288	ug/l	100
74) N-amyl acetate	12.494	43	211935	50.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144009	51.390	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	121281m	48.643	ug/l	
77) Bromobenzene	12.982	156	109802	48.845	ug/l	99
78) n-propylbenzene	13.035	91	550445	50.978	ug/l	99
79) 2-Chlorotoluene	13.123	91	339399	49.260	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	396135	52.109	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51936	49.940	ug/l	99
82) 4-Chlorotoluene	13.217	91	343367	49.505	ug/l	99
83) tert-Butylbenzene	13.435	119	337370	49.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	397840	51.950	ug/l	99
85) sec-Butylbenzene	13.617	105	467481	51.848	ug/l	99
86) p-Isopropyltoluene	13.729	119	388465	52.103	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	203802	48.327	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	205279	48.202	ug/l	99
89) n-Butylbenzene	14.053	91	335196	49.581	ug/l	99
90) Hexachloroethane	14.335	117	72798	48.103	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	199667	48.285	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27528	47.603	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	96872	47.561	ug/l	99
94) Hexachlorobutadiene	15.500	225	43736	43.059	ug/l	99
95) Naphthalene	15.641	128	315917	46.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95541	46.861	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

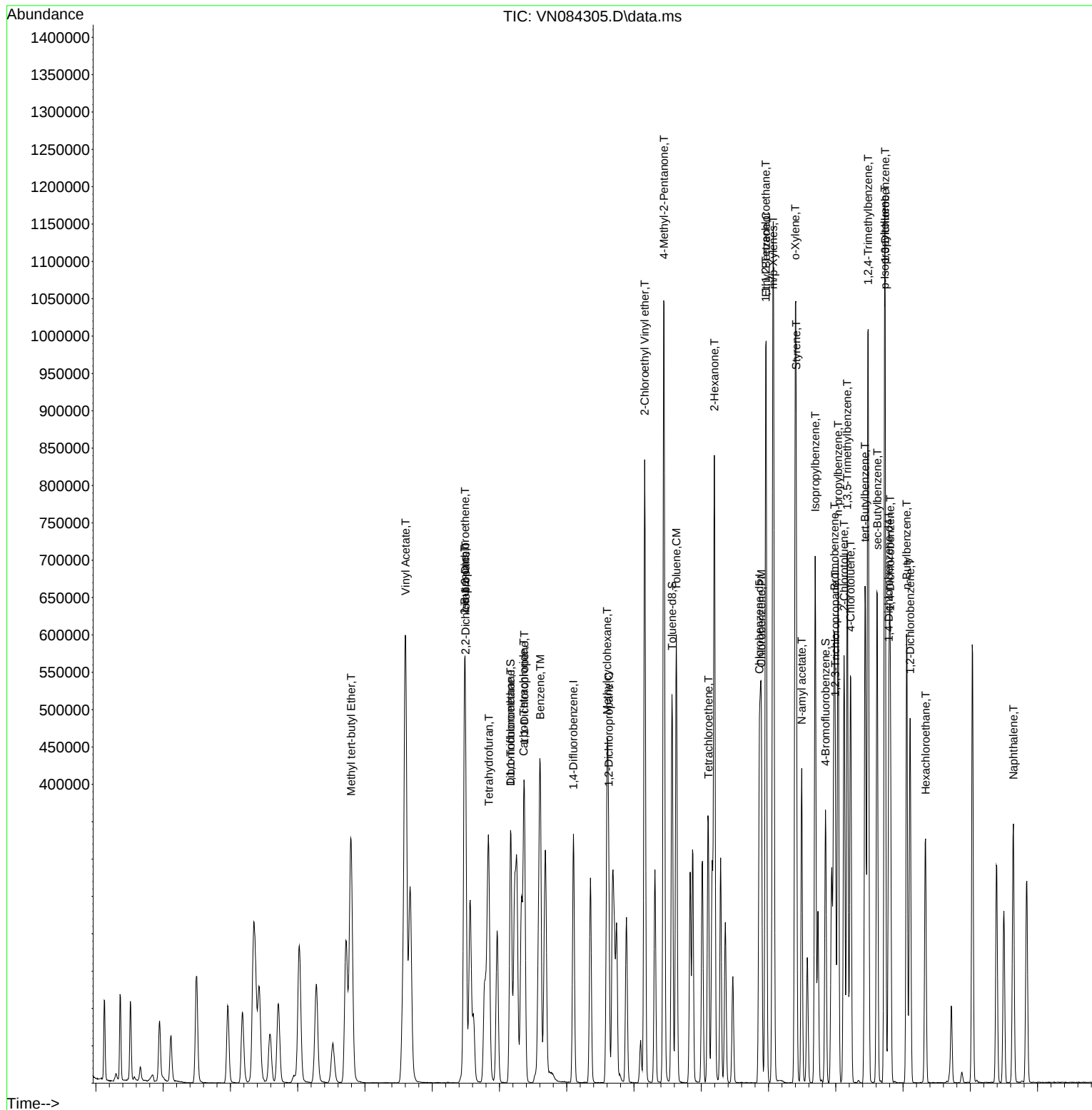
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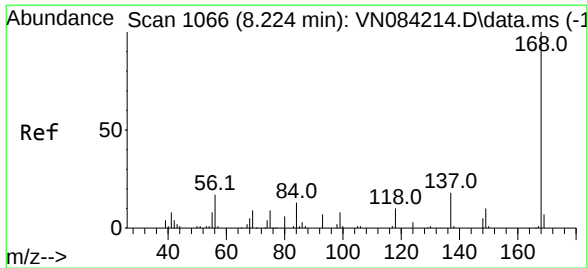
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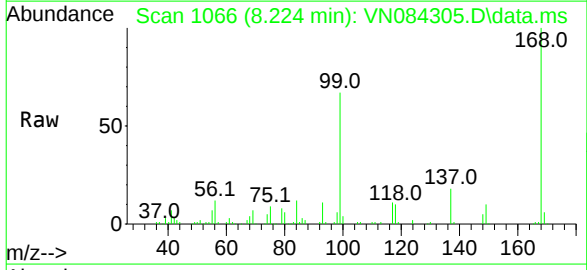
Reviewed By : John Carlone 10/04/2024
Supervised By : Mahesh Dadoda 10/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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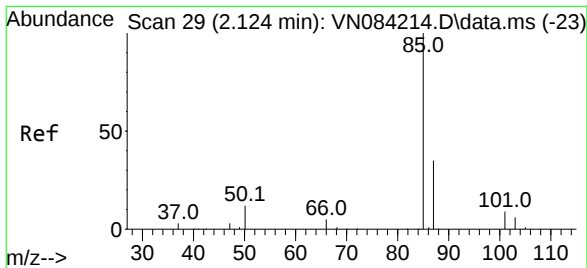
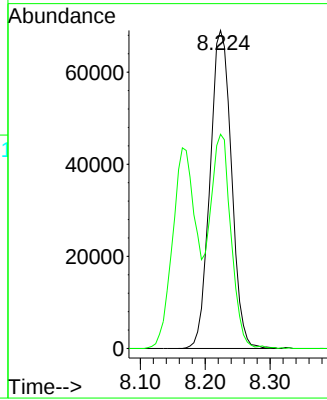
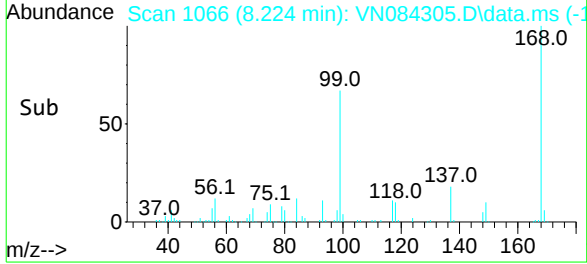
Instrument :
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VSTDCCC050EC



Tgt Ion:168 Resp: 158856
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2

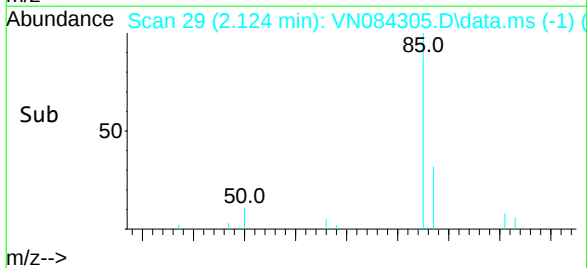
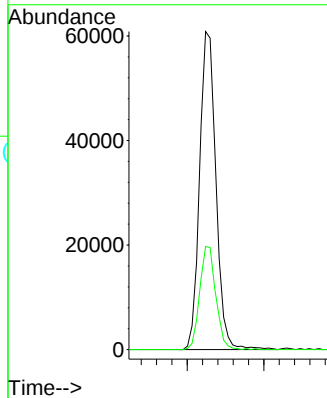
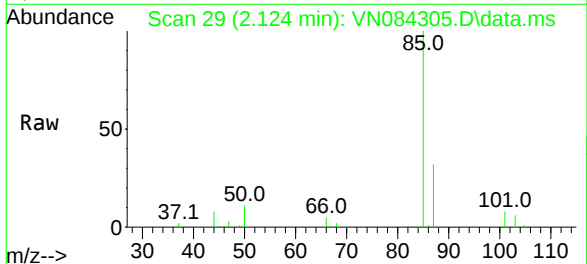
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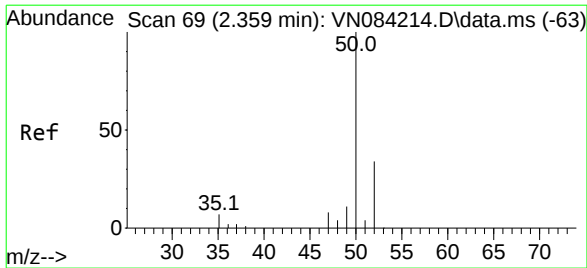
Reviewed By :John Carlone 10/04/2024
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#2
Dichlorodifluoromethane
Concen: 47.904 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084305.D
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Tgt Ion: 85 Resp: 90010
Ion Ratio Lower Upper
85 100
87 32.4 17.6 52.9





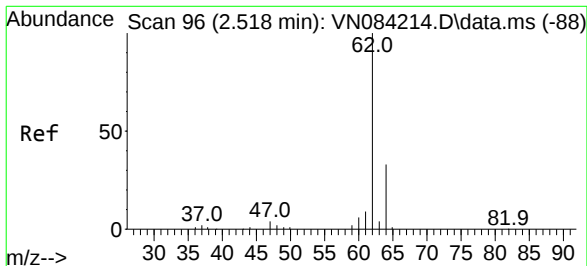
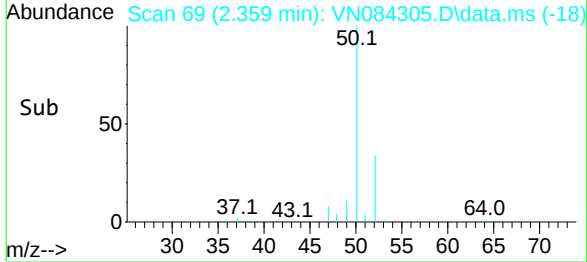
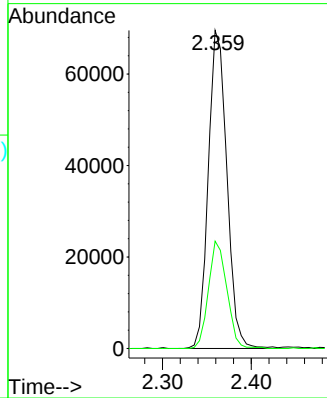
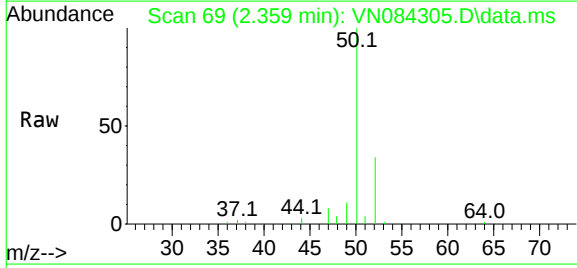
#3
Chloromethane
Concen: 47.169 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

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Tgt Ion: 50 Resp: 101197
Ion Ratio Lower Upper
50 100
52 33.8 26.8 40.2

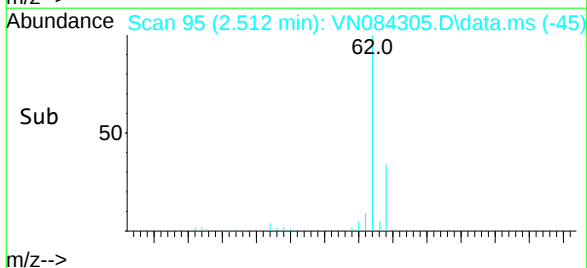
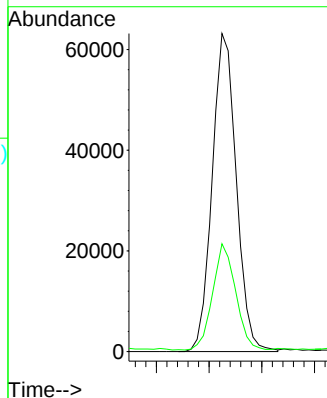
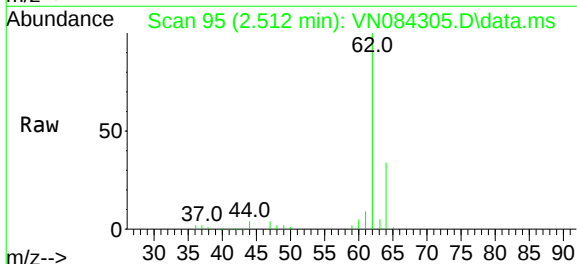
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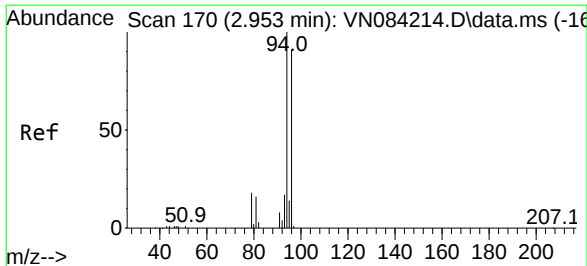
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#4
Vinyl Chloride
Concen: 48.333 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

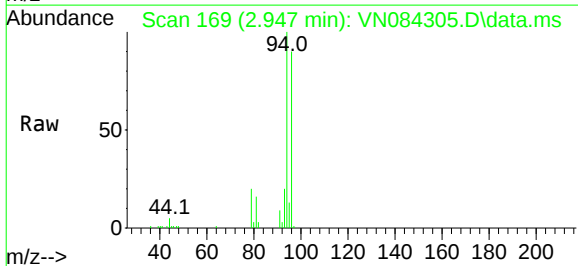
Tgt Ion: 62 Resp: 100445
Ion Ratio Lower Upper
62 100
64 33.3 26.2 39.4





#5
Bromomethane
Concen: 45.526 ug/l
RT: 2.947 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

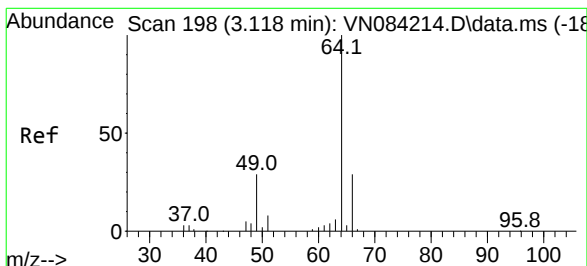
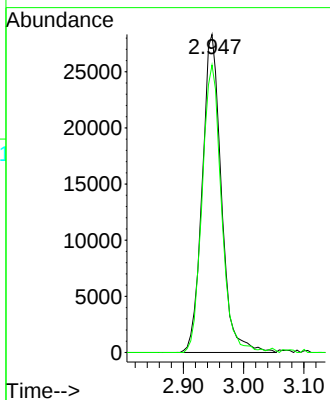
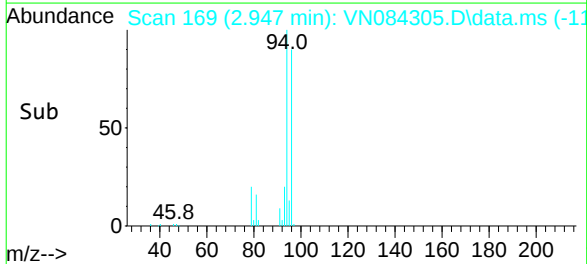
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Tgt Ion: 94 Resp: 62405
Ion Ratio Lower Upper
94 100
96 90.4 72.9 109.3

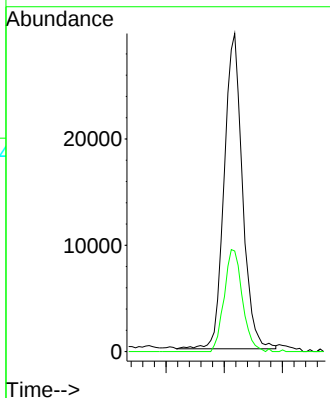
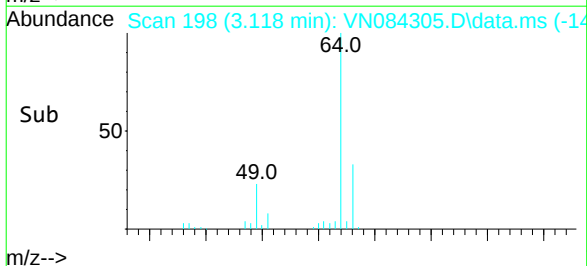
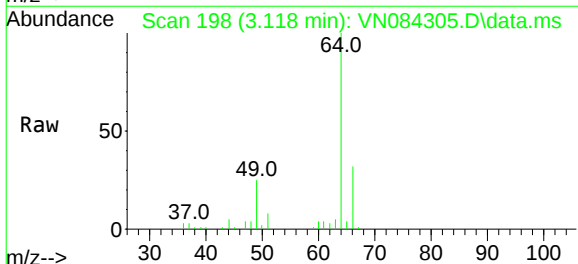
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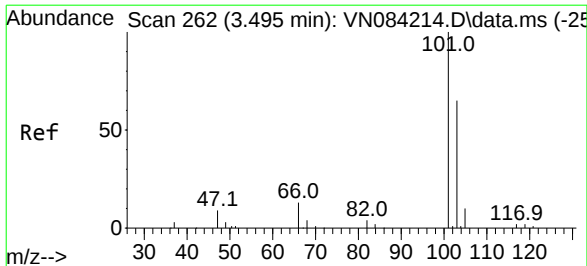
Reviewed By :John Carlone 10/04/2024
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#6
Chloroethane
Concen: 43.500 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084305.D
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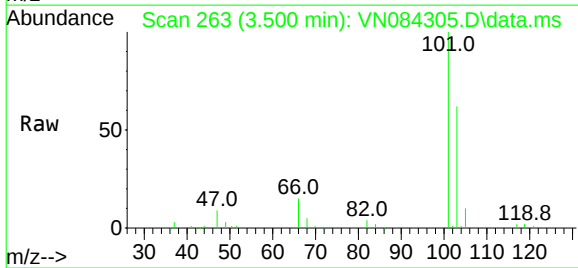
Tgt Ion: 64 Resp: 64743
Ion Ratio Lower Upper
64 100
66 31.9 23.5 35.3





#7
Trichlorofluoromethane
Concen: 50.314 ug/l
RT: 3.500 min Scan# 262
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

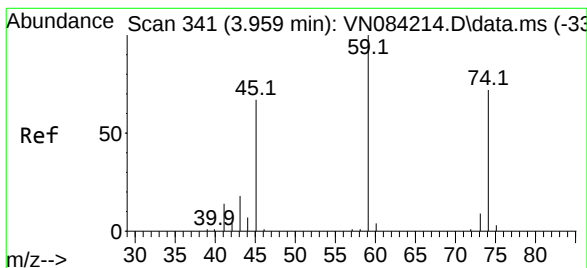
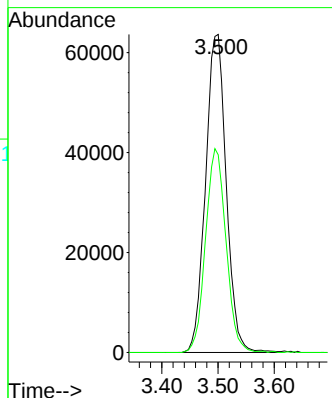
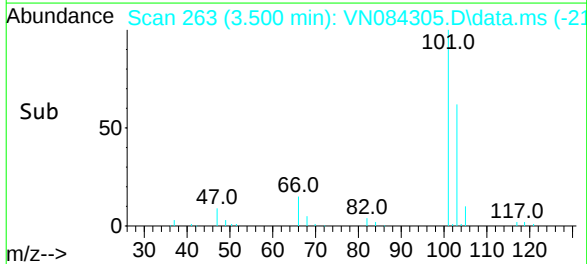
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Tgt Ion: 101 Resp: 162821
Ion Ratio Lower Upper
101 100
103 62.1 51.8 77.6

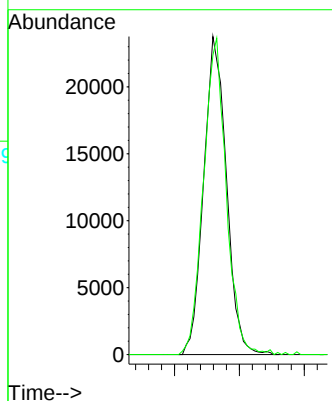
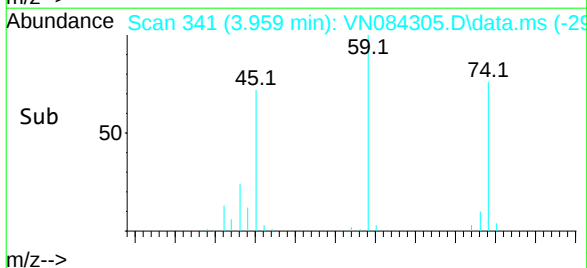
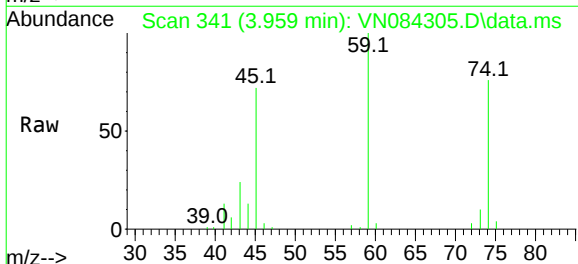
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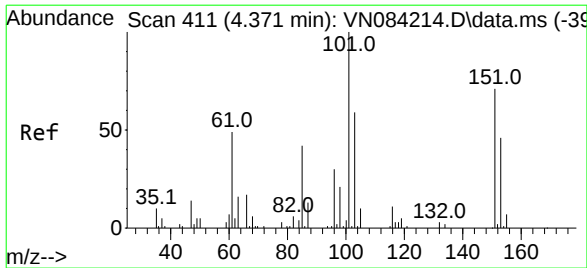
Reviewed By : John Carlone 10/04/2024
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#8
Diethyl Ether
Concen: 48.223 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

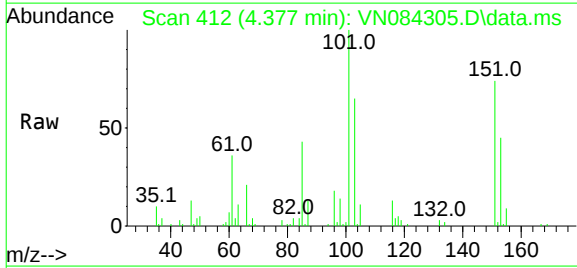
Tgt Ion: 74 Resp: 57877
Ion Ratio Lower Upper
74 100
45 99.8 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.915 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

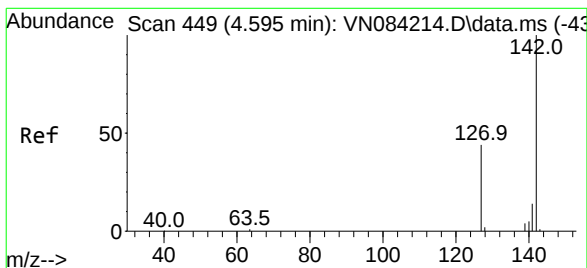
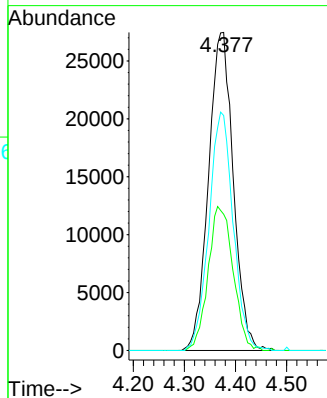
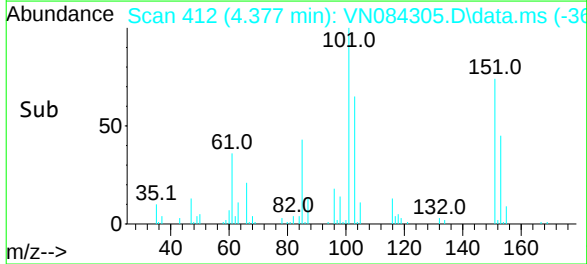
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 92555
Ion Ratio Lower Upper
101 100
85 45.6 36.2 54.4
151 73.5 59.3 88.9

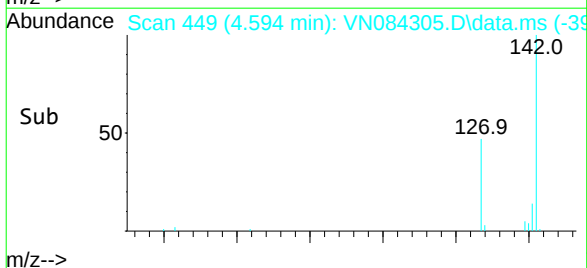
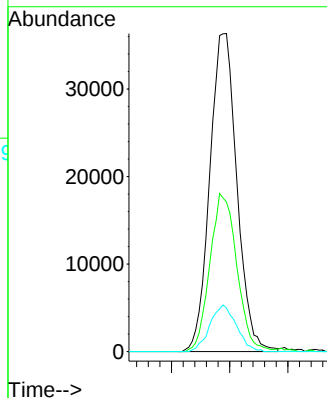
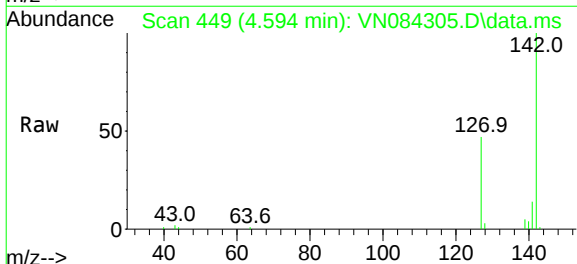
Manual Integrations
APPROVED

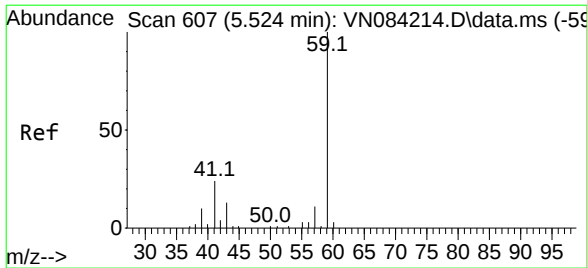
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#10
Methyl Iodide
Concen: 49.315 ug/l
RT: 4.594 min Scan# 449
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:142 Resp: 117761
Ion Ratio Lower Upper
142 100
127 47.0 35.3 52.9
141 13.7 11.0 16.6





#11

Tert butyl alcohol

Concen: 239.177 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 92887

Ion Ratio Lower Upper

59 100

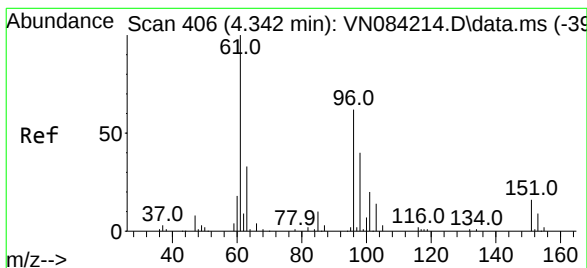
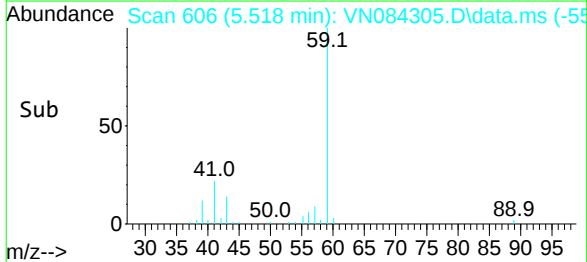
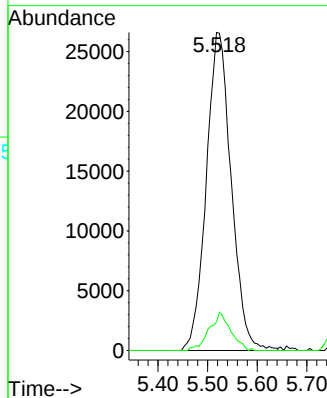
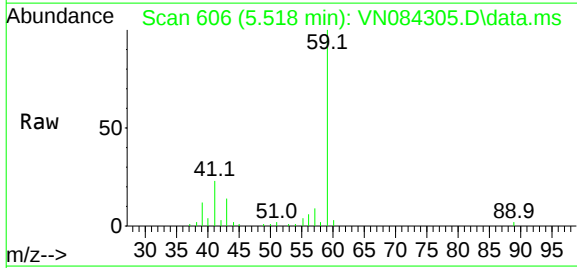
57 10.3 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#12

1,1-Dichloroethene

Concen: 49.737 ug/l

RT: 4.341 min Scan# 406

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

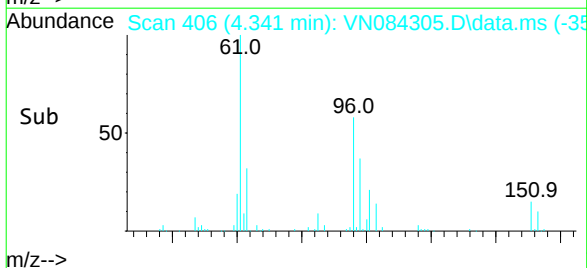
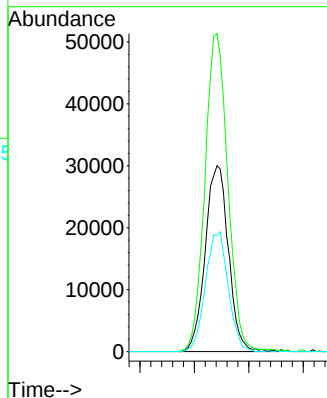
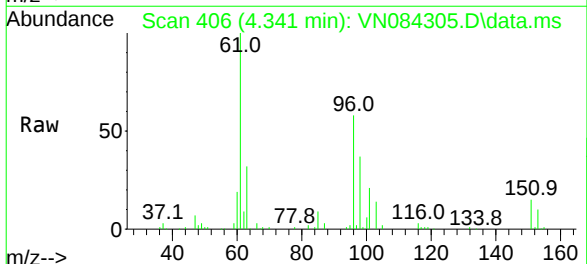
Tgt Ion: 96 Resp: 88956

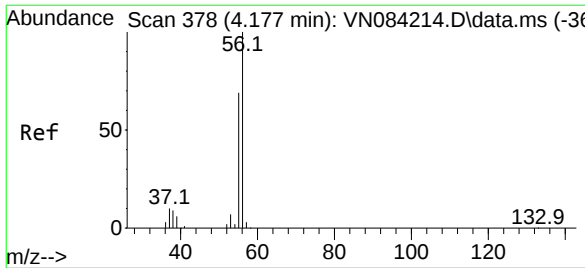
Ion Ratio Lower Upper

96 100

61 171.2 128.6 192.8

98 62.5 51.7 77.5





#13

Acrolein

Concen: 281.466 ug/l

RT: 4.183 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 125496

Ion Ratio Lower Upper

56 100

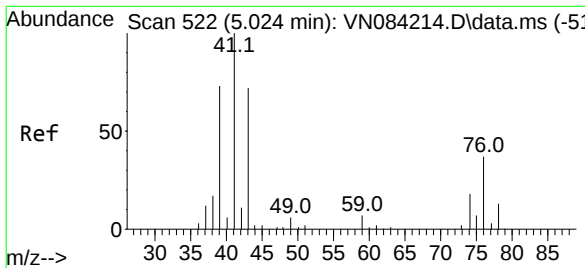
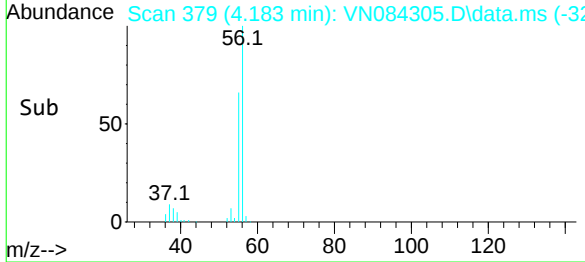
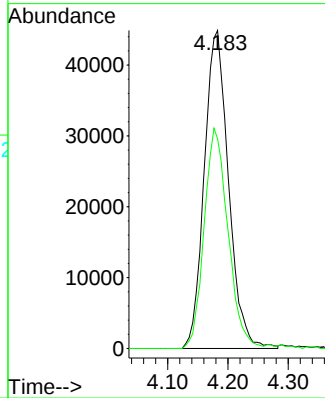
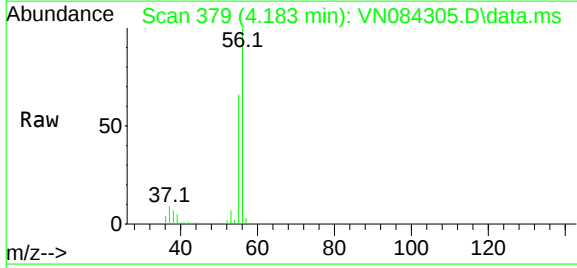
55 68.0 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#14

Allyl chloride

Concen: 46.692 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

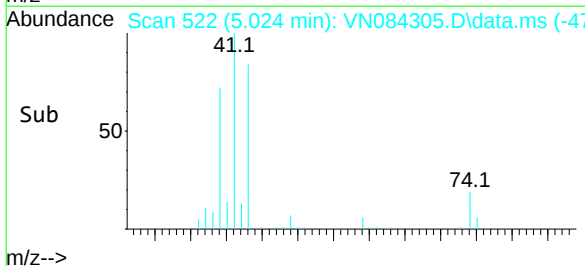
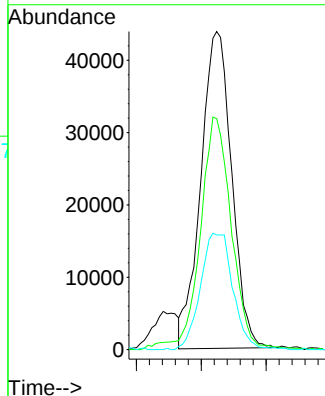
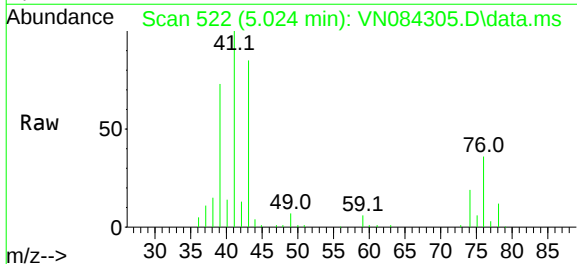
Tgt Ion: 41 Resp: 145034

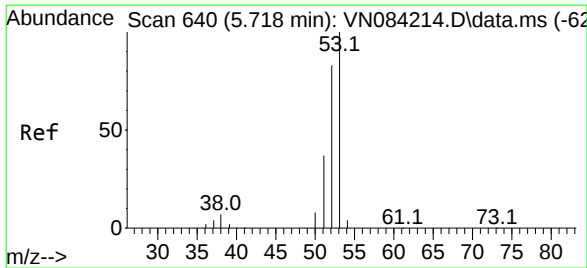
Ion Ratio Lower Upper

41 100

39 74.0 59.0 88.6

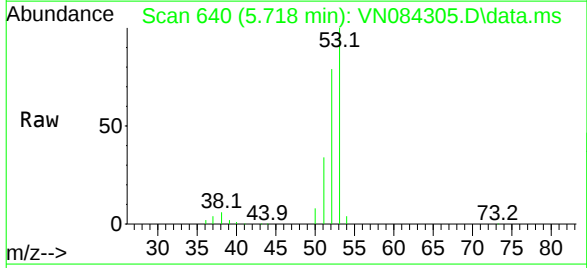
76 38.4 29.8 44.6





#15
Acrylonitrile
Concen: 263.933 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

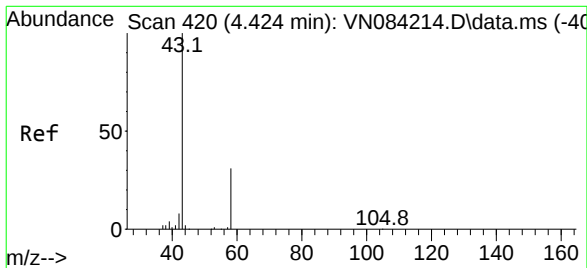
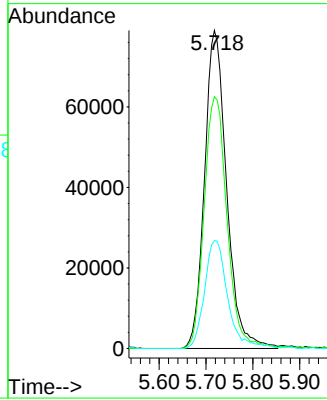
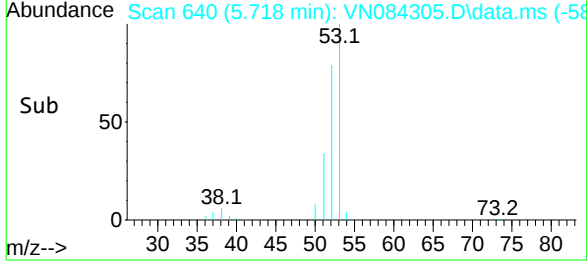
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 258845
Ion Ratio Lower Upper
53 100
52 81.8 66.2 99.4
51 35.6 28.8 43.2

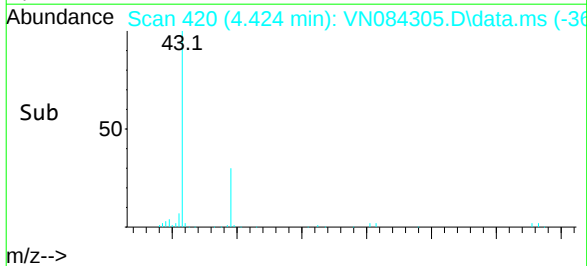
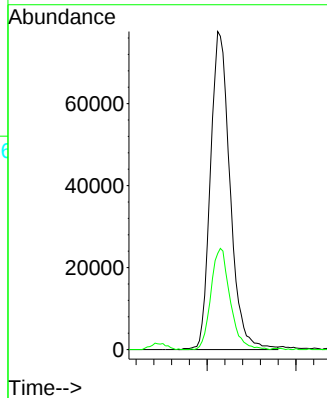
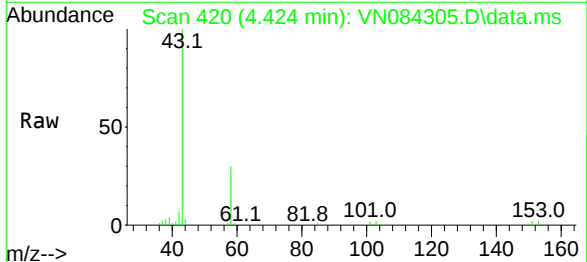
Manual Integrations
APPROVED

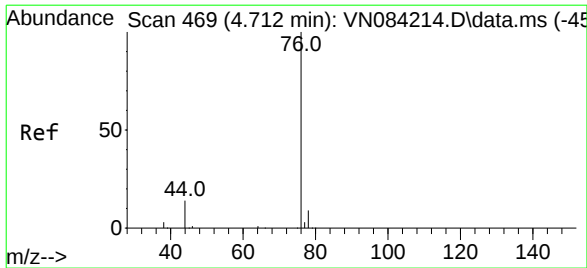
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#16
Acetone
Concen: 234.943 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

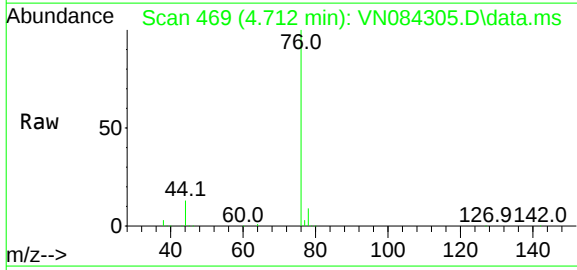
Tgt Ion: 43 Resp: 237707
Ion Ratio Lower Upper
43 100
58 30.0 24.4 36.6





#17
Carbon Disulfide
Concen: 43.707 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

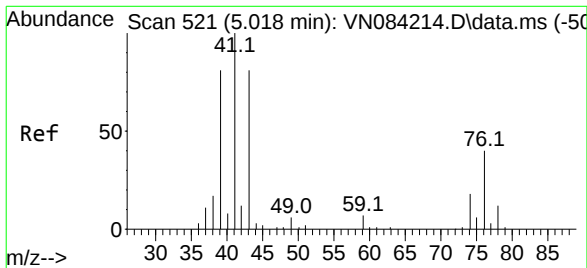
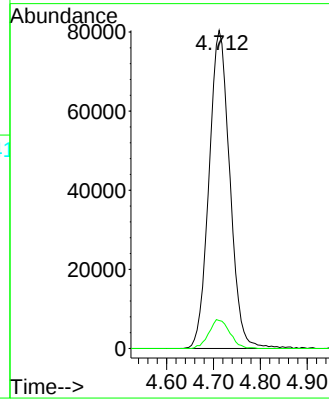
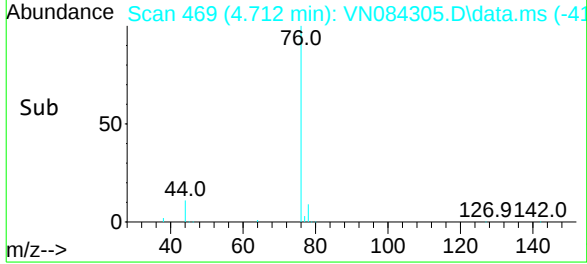
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 247500
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9

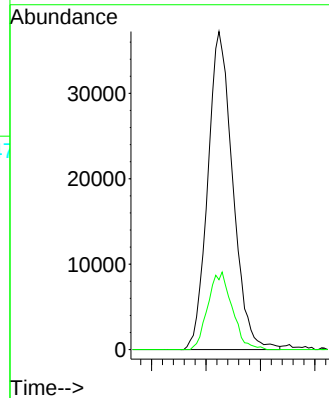
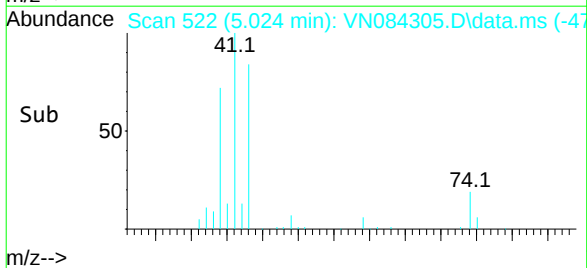
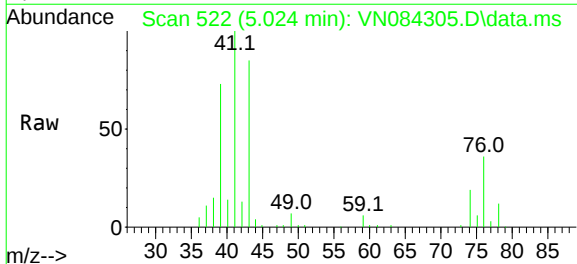
Manual Integrations
APPROVED

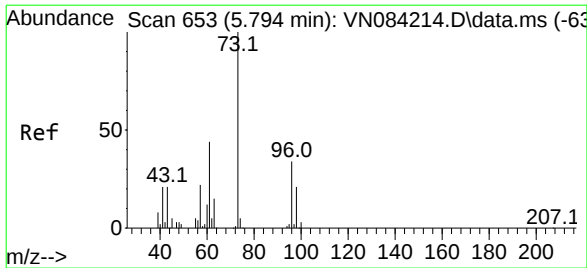
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#18
Methyl Acetate
Concen: 53.860 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

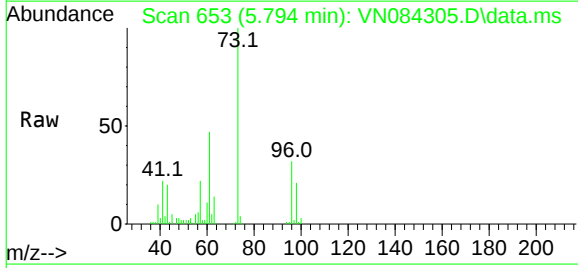
Tgt Ion: 43 Resp: 118773
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 51.653 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

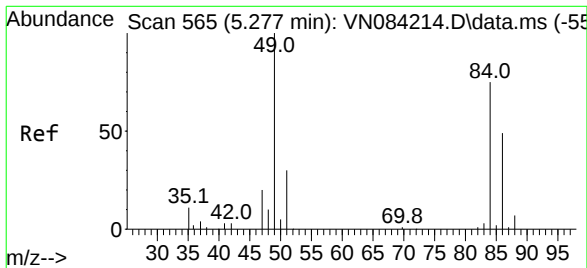
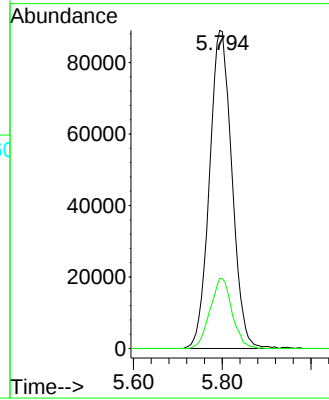
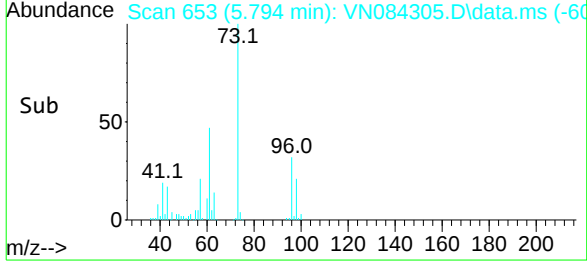
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



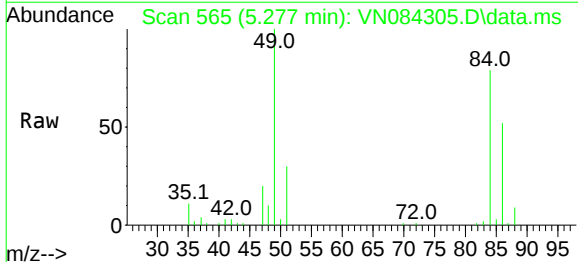
Tgt Ion: 73 Resp: 311809
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5

Manual Integrations
APPROVED

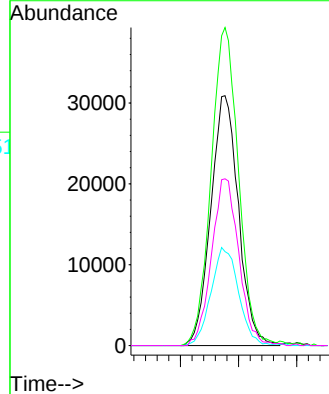
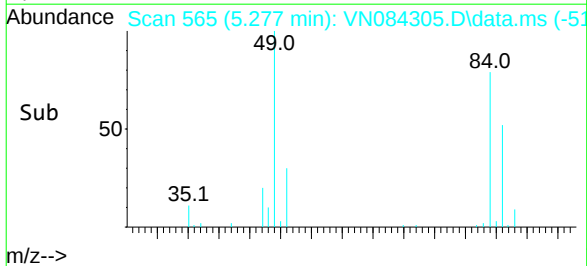
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

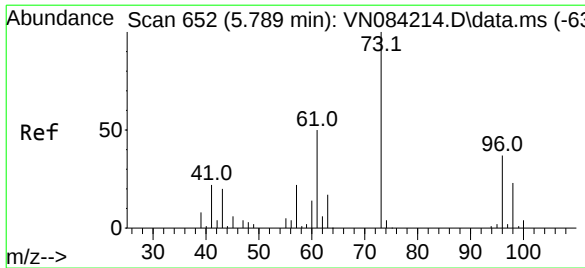


#20
Methylene Chloride
Concen: 49.613 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51



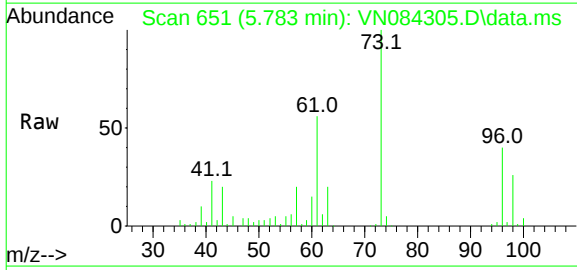
Tgt Ion: 84 Resp: 102039
Ion Ratio Lower Upper
84 100
49 127.3 107.2 160.8
51 37.6 31.8 47.8
86 66.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 50.364 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

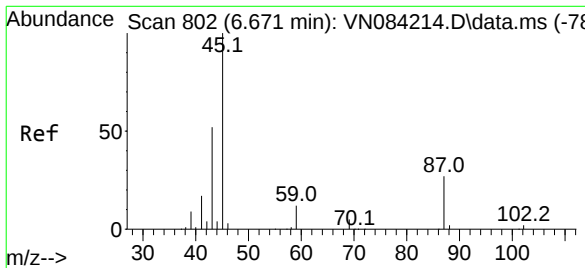
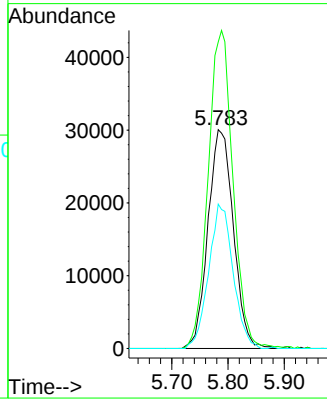
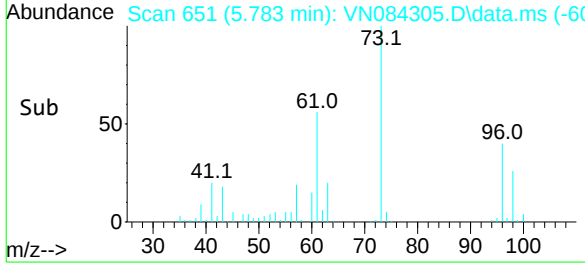
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



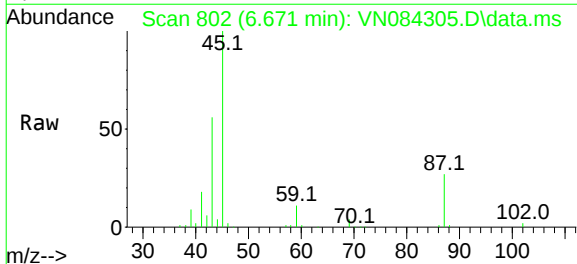
Tgt Ion: 96 Resp: 94372
Ion Ratio Lower Upper
96 100
61 140.1 108.4 162.6
98 66.0 49.8 74.8

Manual Integrations
APPROVED

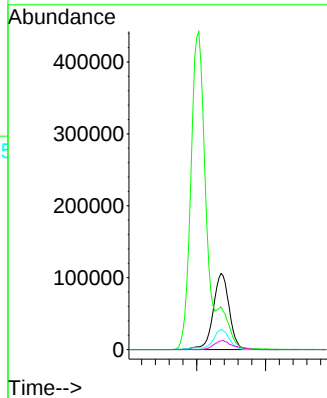
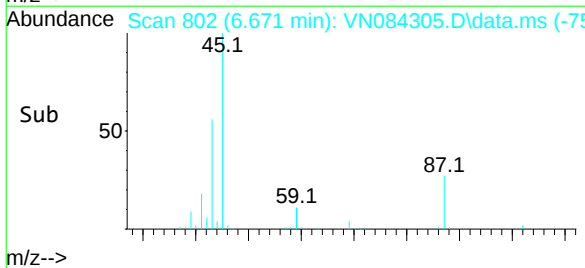
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

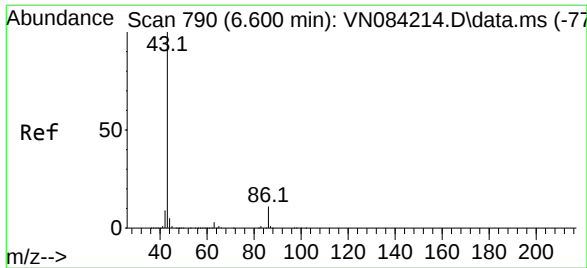


#22
Diisopropyl ether
Concen: 53.135 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51



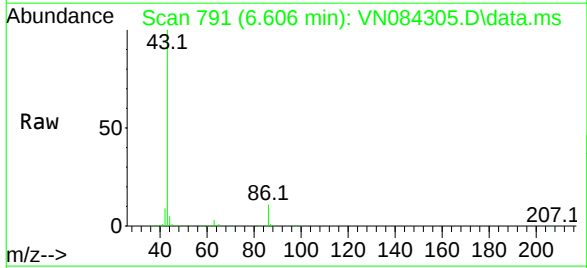
Tgt Ion: 45 Resp: 341390
Ion Ratio Lower Upper
45 100
43 55.6 42.3 63.5
87 26.7 21.8 32.6
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 267.905 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

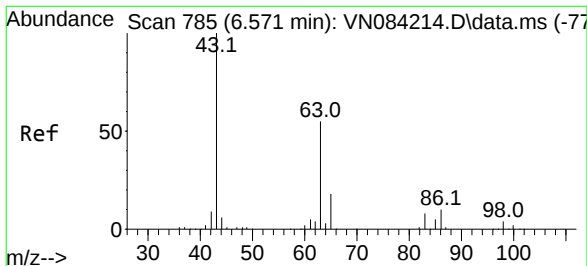
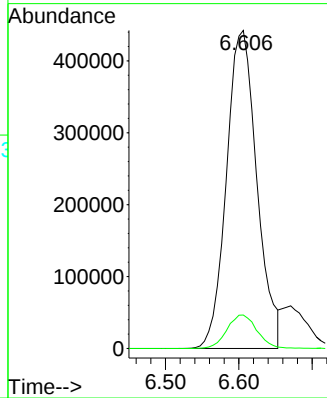
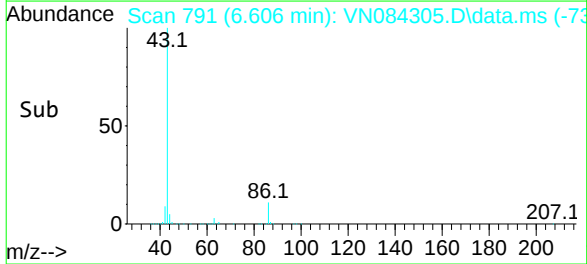
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



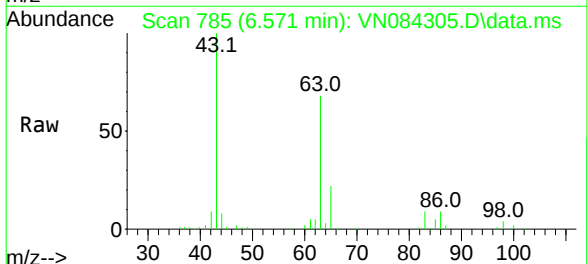
Tgt Ion: 43 Resp: 1276678
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 12.8

Manual Integrations
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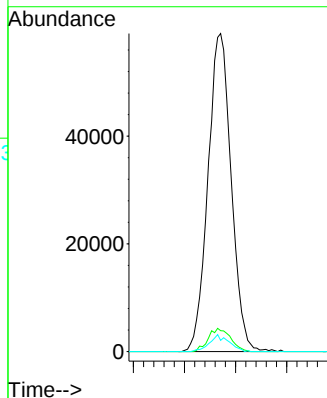
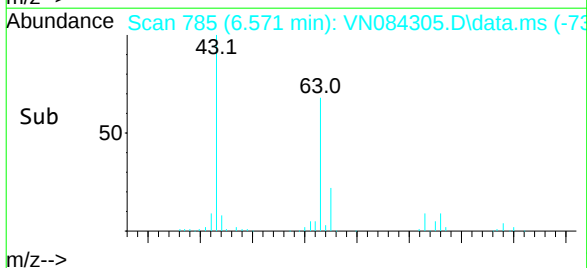
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024

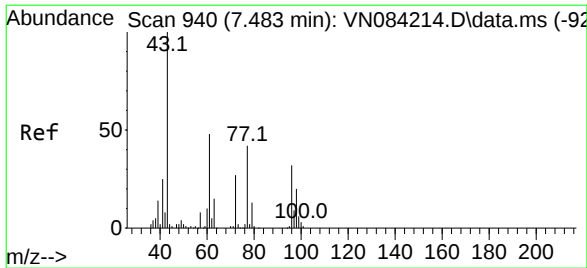


#24
 1,1-Dichloroethane
 Concen: 51.962 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51



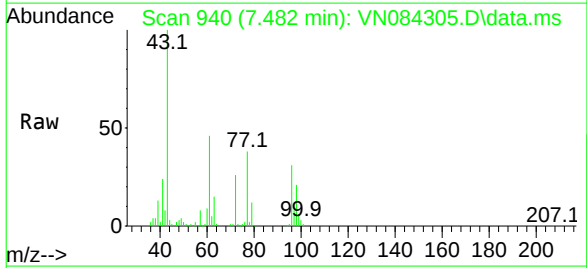
Tgt Ion: 63 Resp: 186701
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 3.5 2.0 5.8





#25
2-Butanone
Concen: 255.947 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

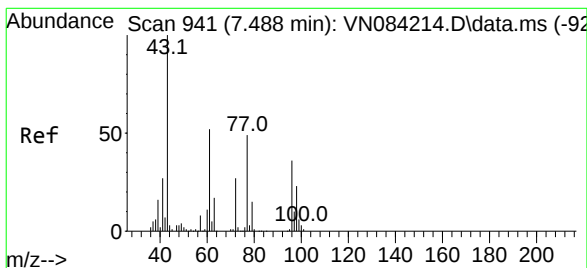
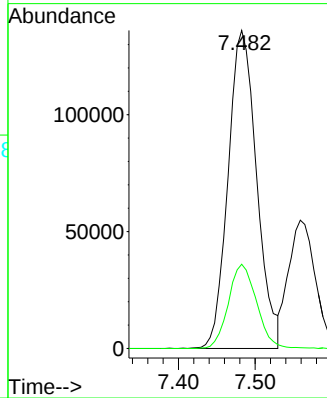
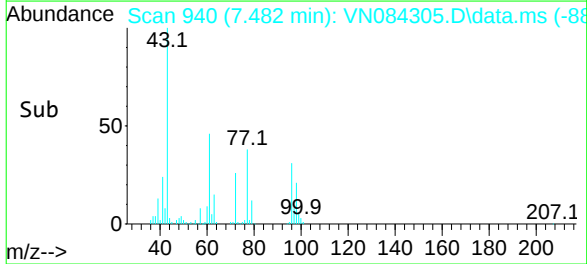
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 352705
Ion Ratio Lower Upper
43 100
72 26.5 21.4 32.2

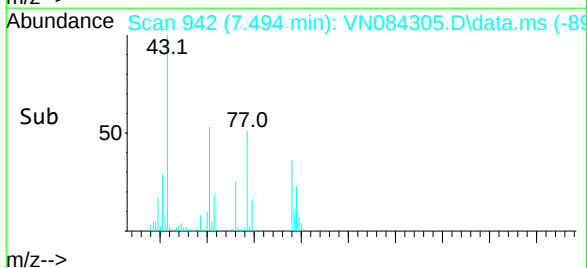
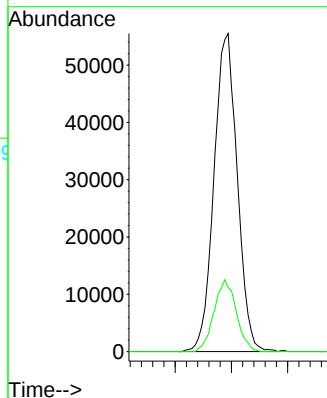
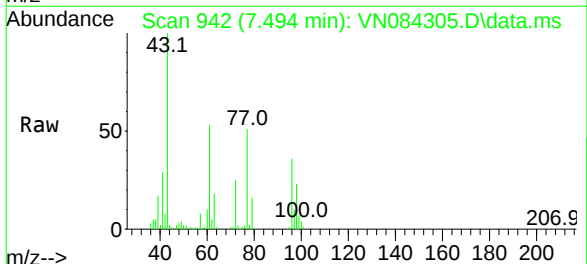
Manual Integrations
APPROVED

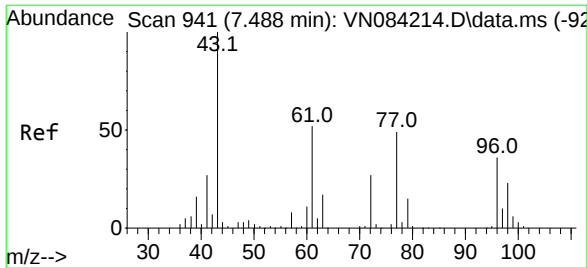
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#26
2,2-Dichloropropane
Concen: 49.231 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 77 Resp: 159491
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





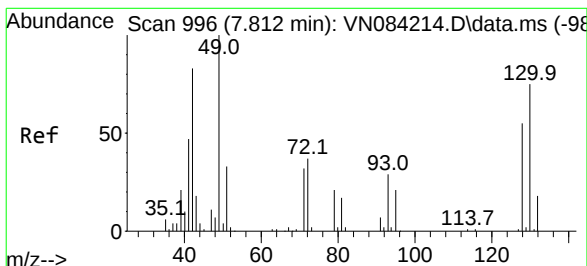
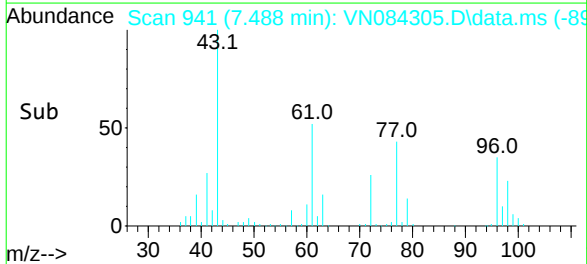
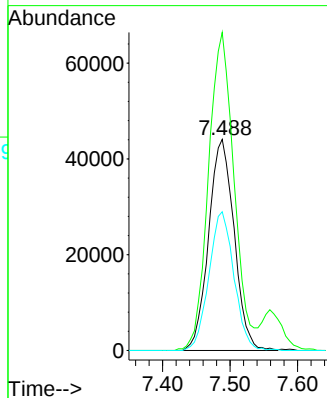
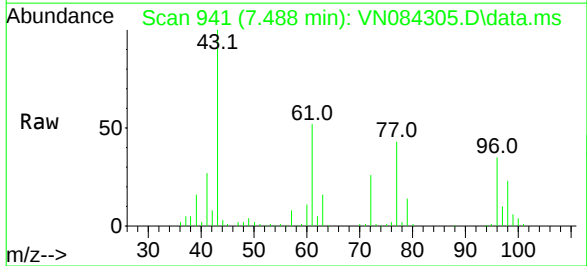
#27
cis-1,2-Dichloroethene
Concen: 51.223 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 115984
Ion Ratio Lower Upper
96 100
61 151.5 0.0 301.8
98 64.6 0.0 128.2

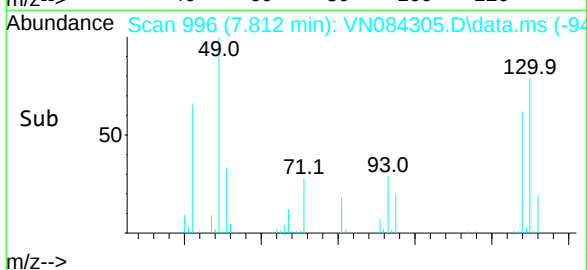
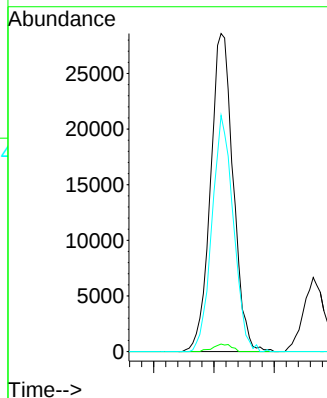
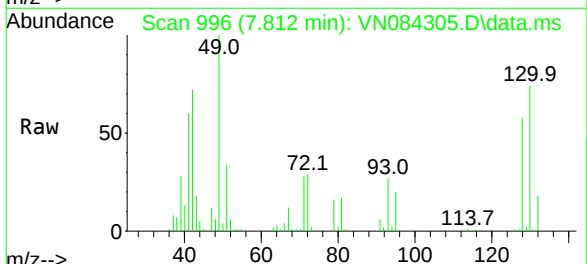
Manual Integrations
APPROVED

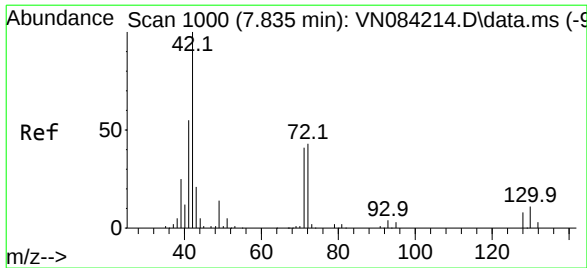
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#28
Bromochloromethane
Concen: 46.624 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

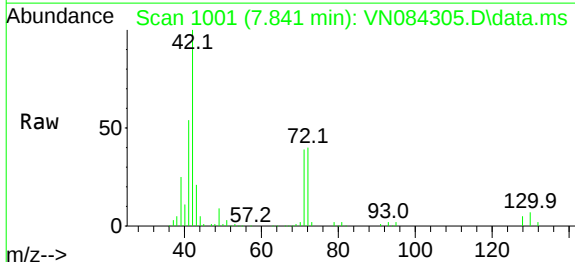
Tgt Ion: 49 Resp: 74744
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.6
130 70.0 58.0 87.0





#29
Tetrahydrofuran
Concen: 269.137 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

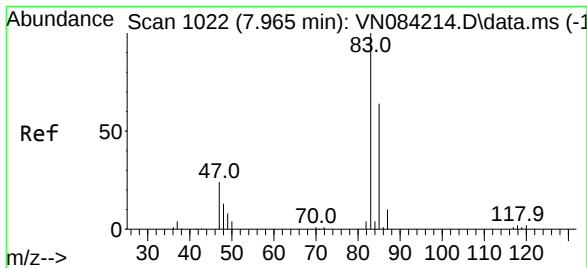
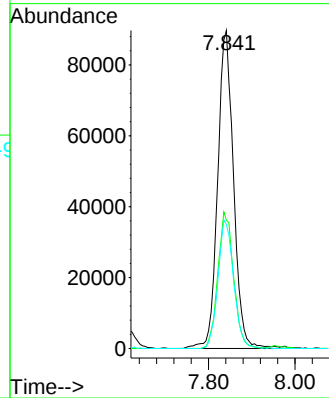
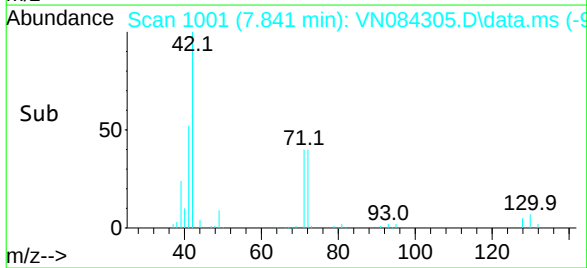
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 228877
Ion Ratio Lower Upper
42 100
72 42.5 34.6 51.8
71 39.8 32.2 48.4

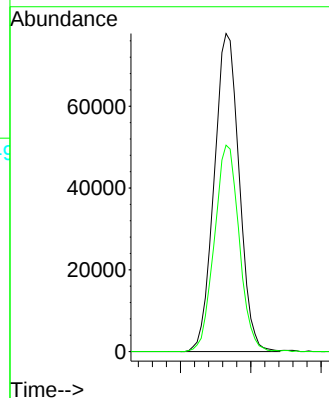
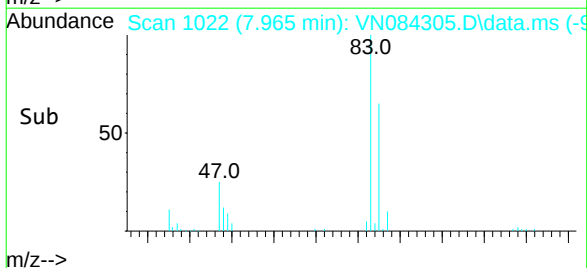
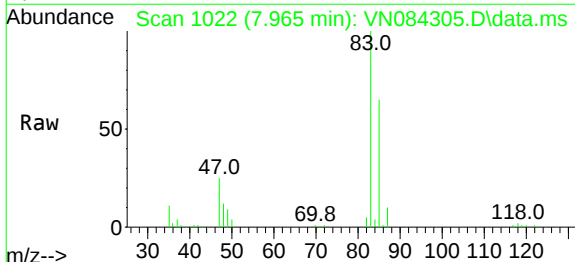
Manual Integrations
APPROVED

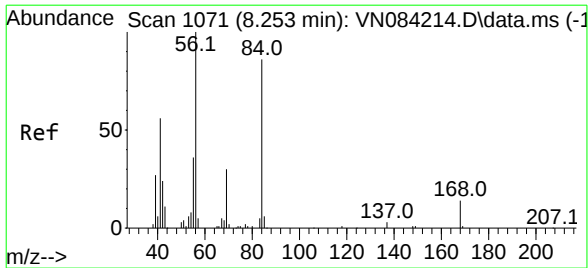
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#30
Chloroform
Concen: 51.533 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

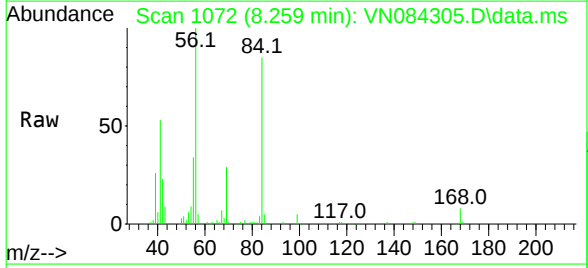
Tgt Ion: 83 Resp: 192333
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.4





#31
Cyclohexane
Concen: 45.354 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

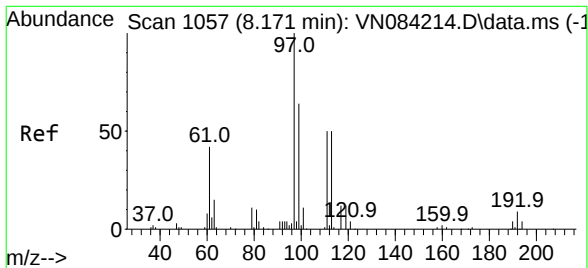
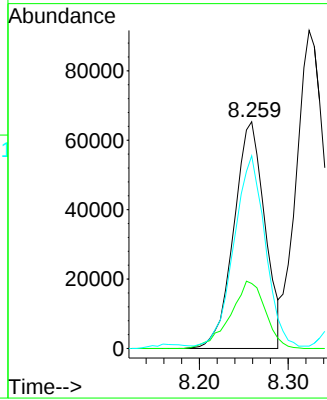
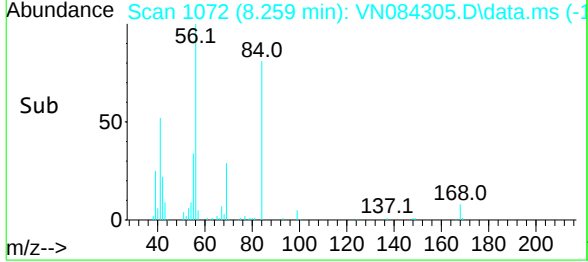
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 158221
Ion Ratio Lower Upper
56 100
69 28.7 23.8 35.6
84 83.3 68.8 103.2

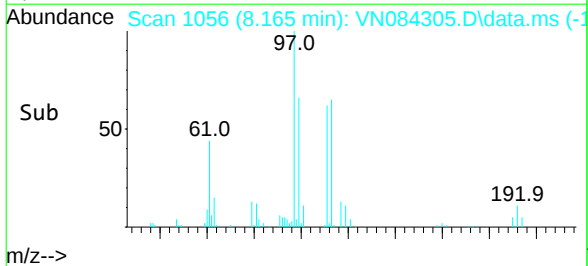
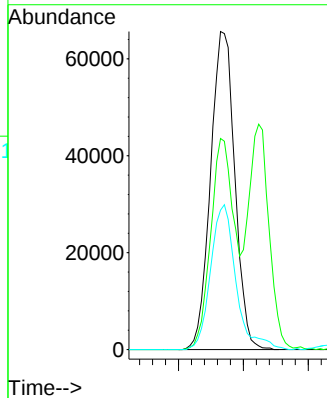
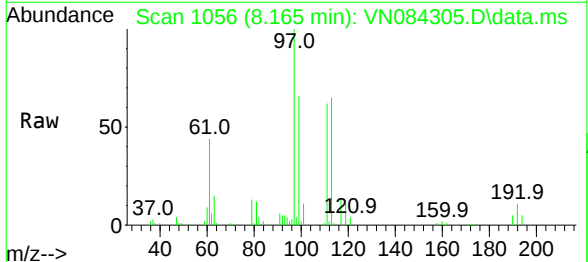
Manual Integrations
APPROVED

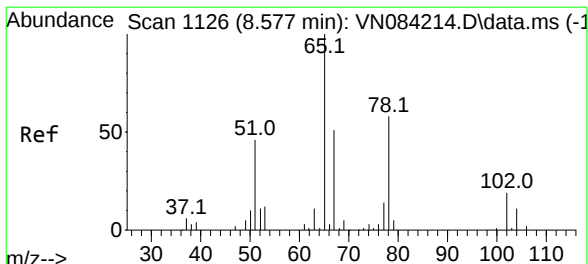
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#32
1,1,1-Trichloroethane
Concen: 50.888 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 97 Resp: 170572
Ion Ratio Lower Upper
97 100
99 63.7 51.2 76.8
61 47.5 37.5 56.3





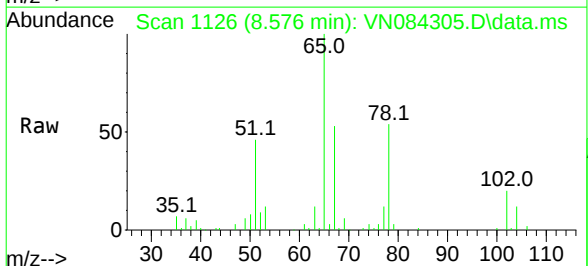
#33
 1,2-Dichloroethane-d4
 Concen: 51.517 ug/l
 RT: 8.576 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

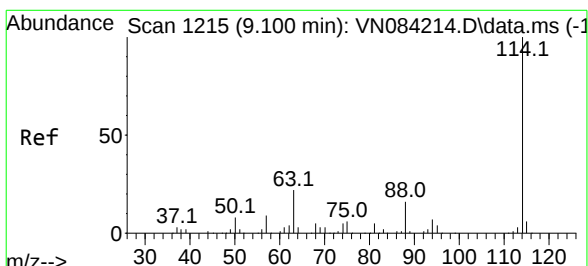
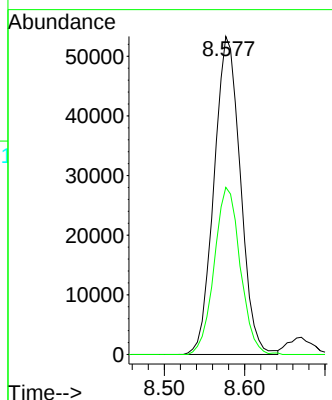
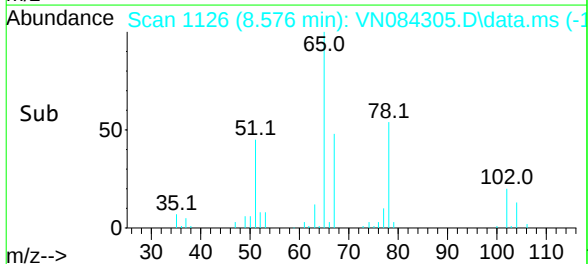
VSTDCCC050EC



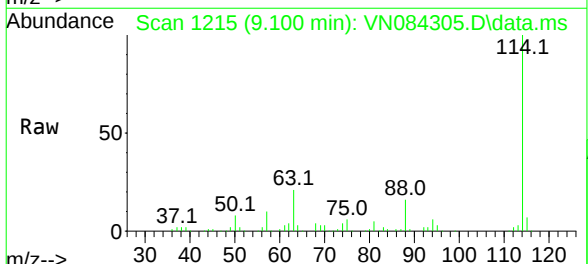
Tgt Ion: 65 Resp: 121335
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.0

Manual Integrations
APPROVED

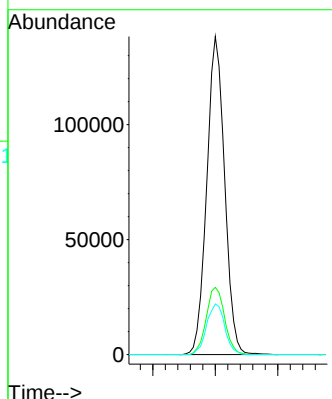
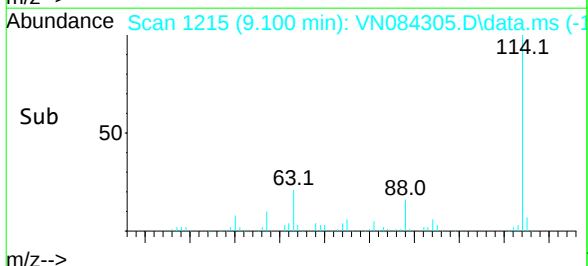
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024

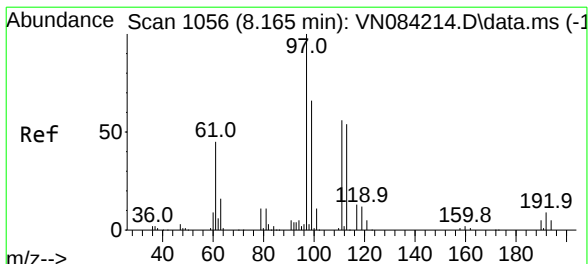


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51



Tgt Ion:114 Resp: 274743
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 15.9 0.0 31.6





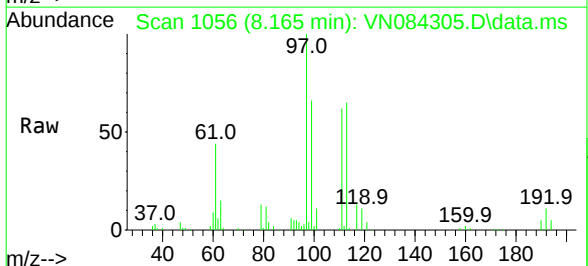
#35
 Dibromofluoromethane
 Concen: 52.737 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

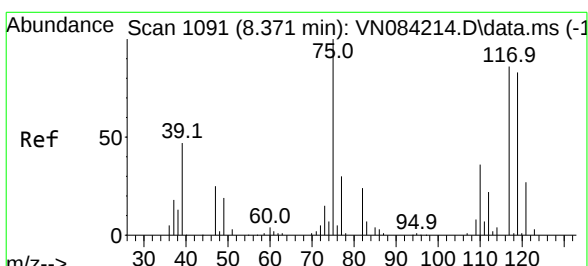
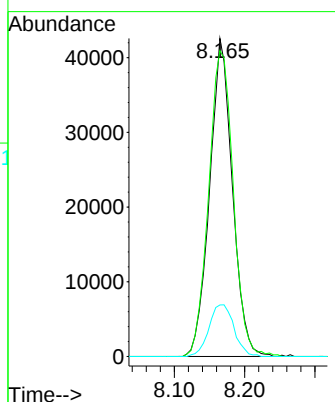
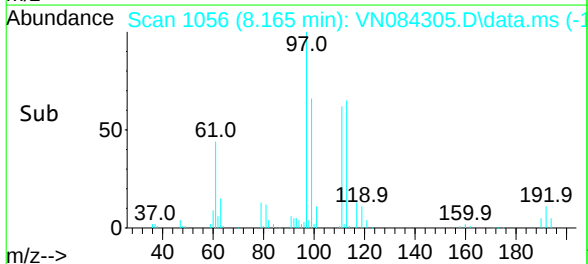
VSTDCCC050EC



Tgt Ion:	113	Resp:	95521
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.3	124.9
192	18.0	13.5	20.3

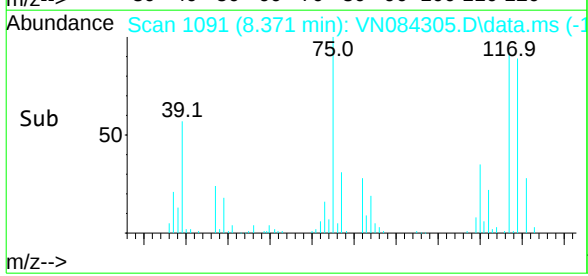
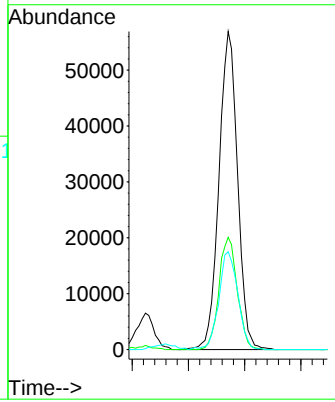
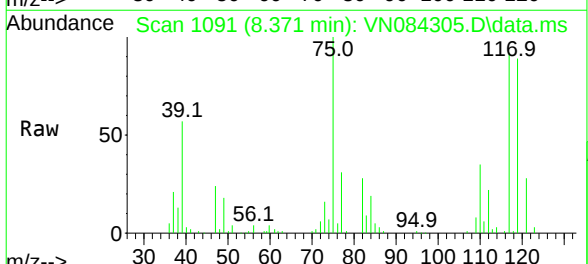
Manual Integrations
 APPROVED

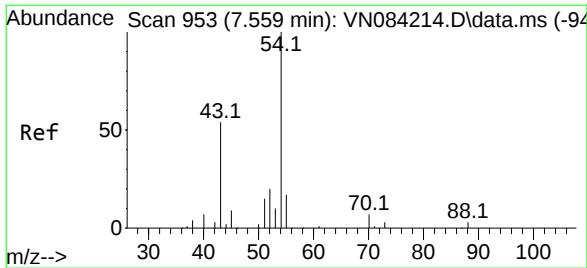
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#36
 1,1-Dichloropropene
 Concen: 49.675 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

Tgt Ion:	75	Resp:	130692
Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.9	50.7
77	31.6	24.7	37.1





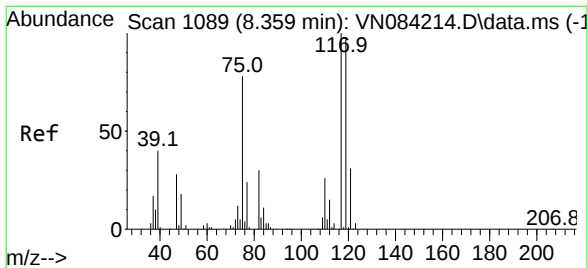
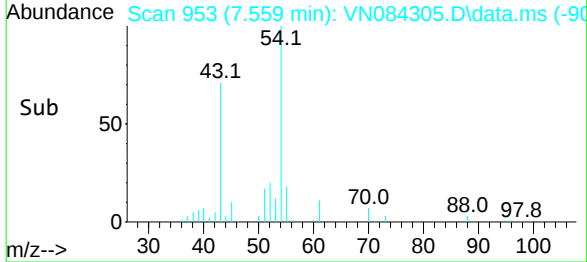
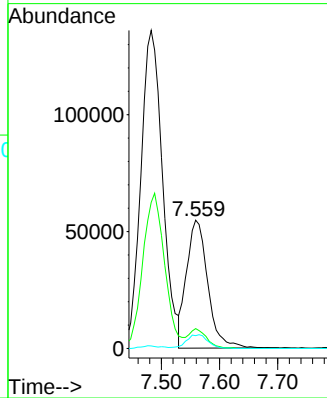
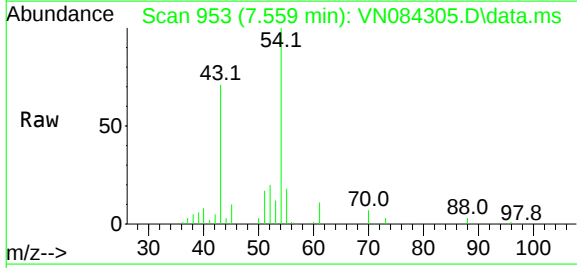
#37
Ethyl Acetate
Concen: 51.200 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138196
Ion Ratio Lower Upper
43 100
61 12.7 10.7 16.1
70 11.0 8.8 13.2

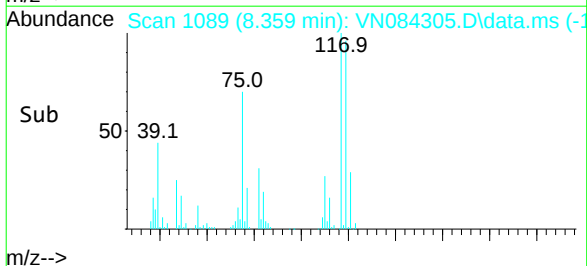
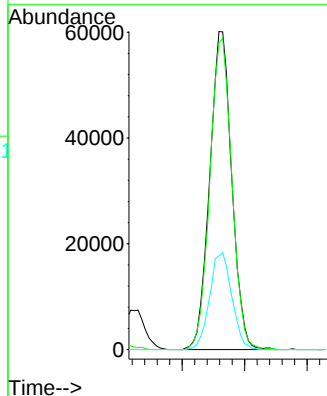
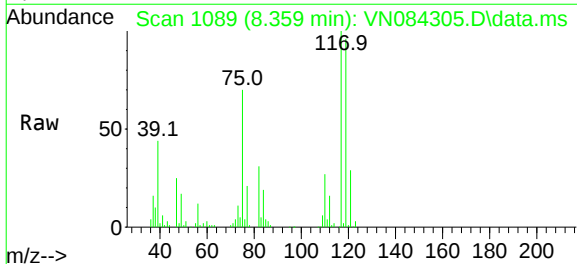
Manual Integrations
APPROVED

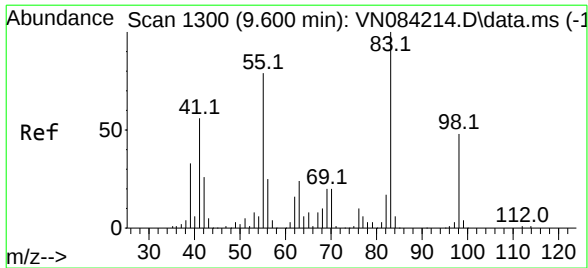
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#38
Carbon Tetrachloride
Concen: 51.051 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

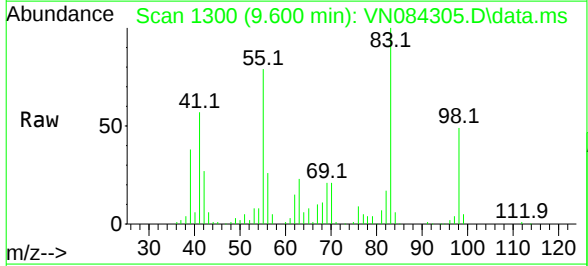
Tgt Ion:117 Resp: 147335
Ion Ratio Lower Upper
117 100
119 96.4 78.7 118.1
121 29.4 24.4 36.6





#39
Methylcyclohexane
Concen: 49.766 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

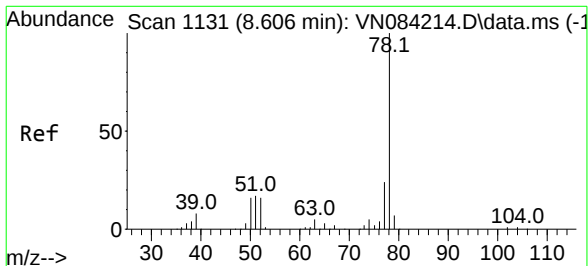
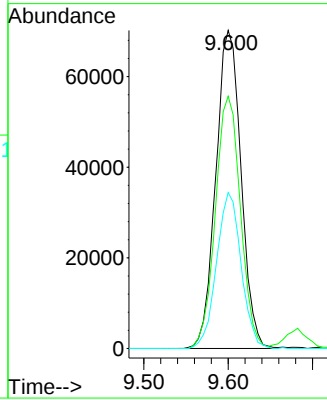
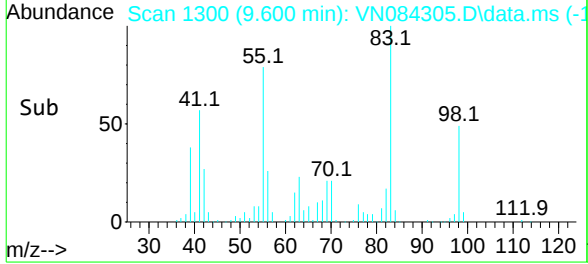
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 145723
Ion Ratio Lower Upper
83 100
55 79.3 62.8 94.2
98 49.0 38.8 58.2

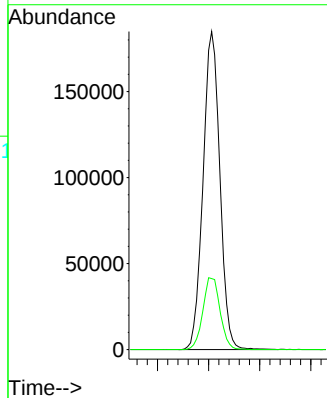
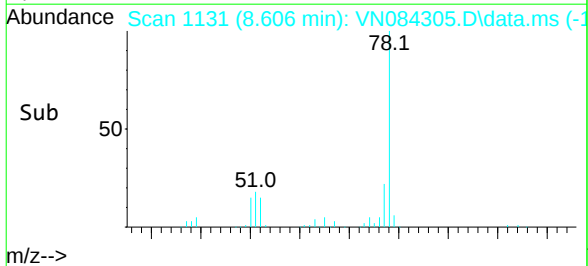
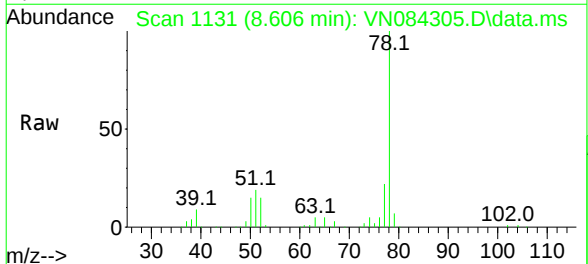
Manual Integrations
APPROVED

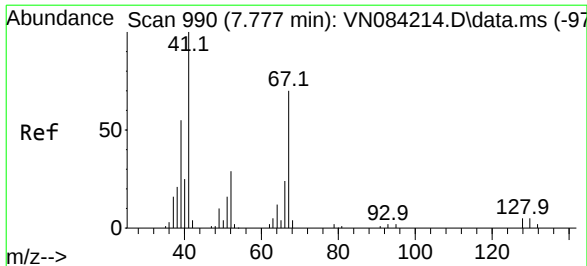
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#40
Benzene
Concen: 51.525 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 78 Resp: 422359
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7





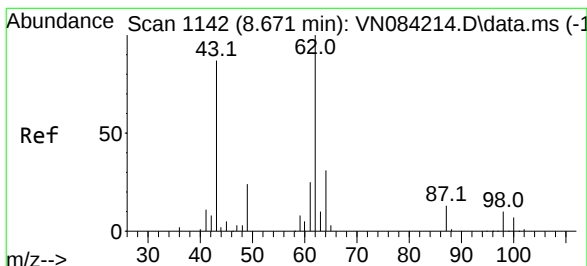
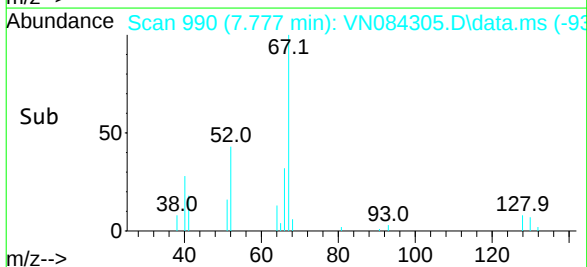
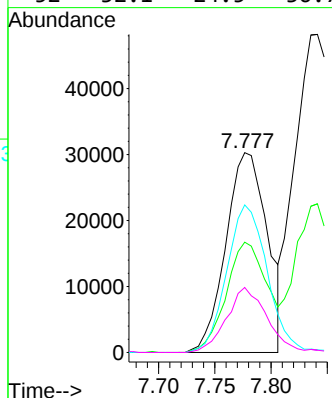
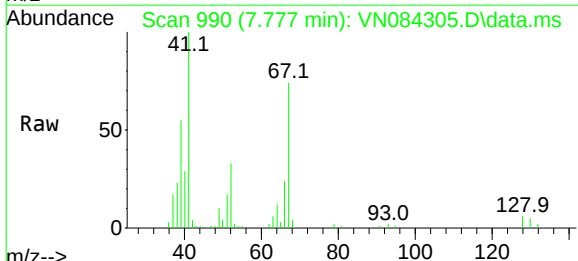
#41
Methacrylonitrile
Concen: 52.897 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	77512
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.3	64.9
67	72.5	56.1	84.1
52	32.1	24.5	36.7

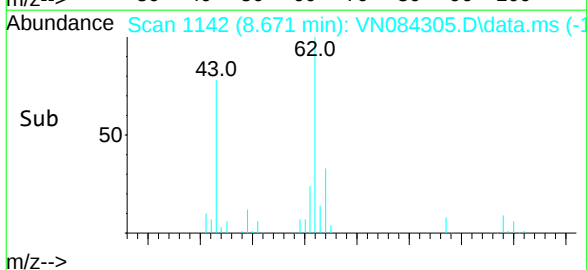
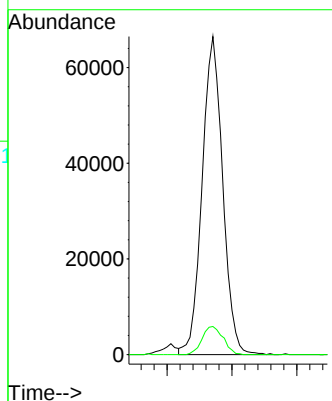
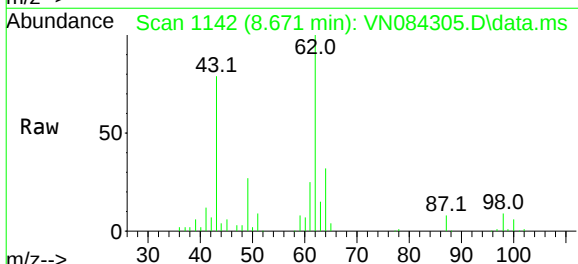
Manual Integrations
APPROVED

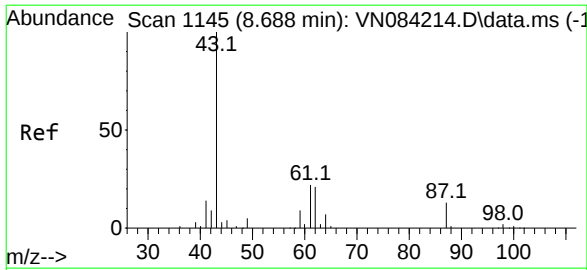
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#42
1,2-Dichloroethane
Concen: 52.692 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:	62	Resp:	146428
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





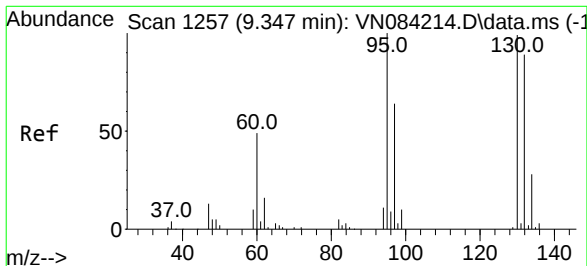
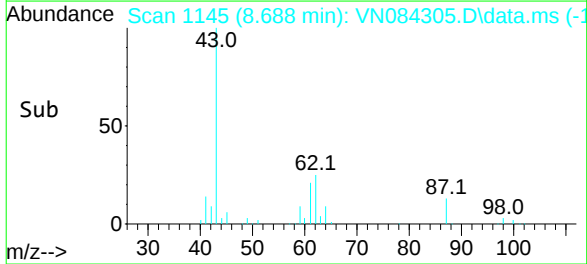
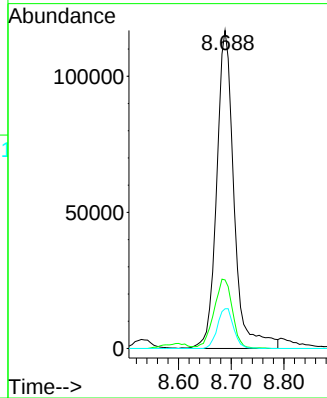
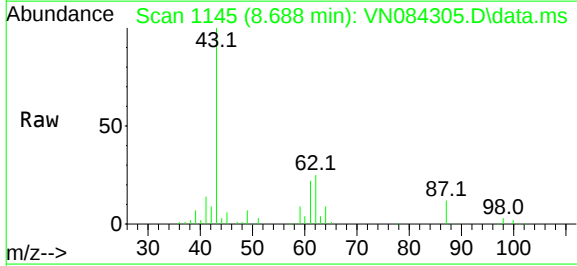
#43
Isopropyl Acetate
Concen: 50.581 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 267412
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 11.6 10.3 15.5

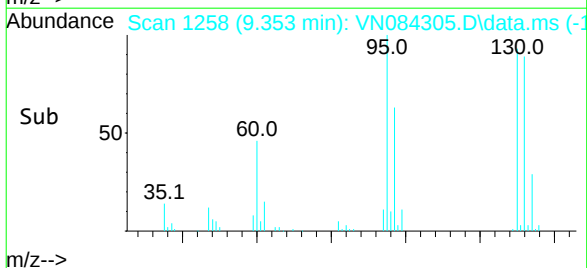
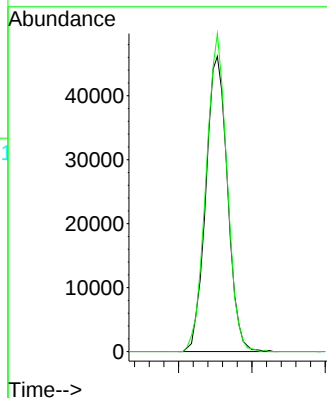
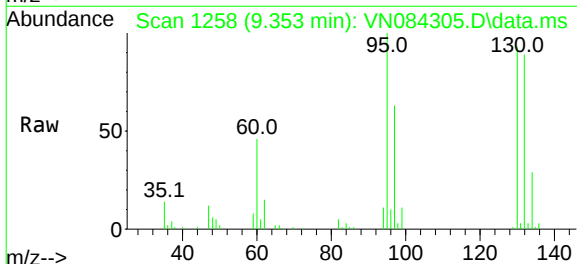
Manual Integrations
APPROVED

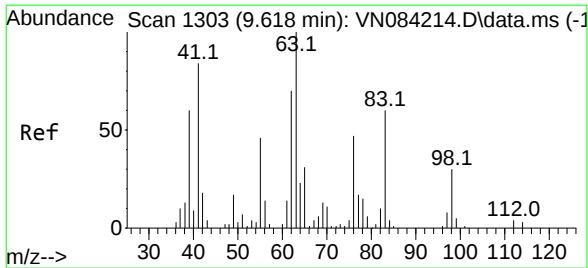
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#44
Trichloroethene
Concen: 49.652 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:130 Resp: 95060
Ion Ratio Lower Upper
130 100
95 107.7 0.0 203.0





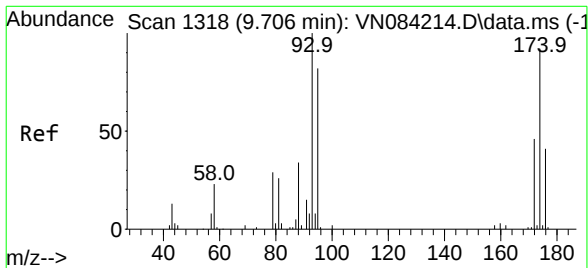
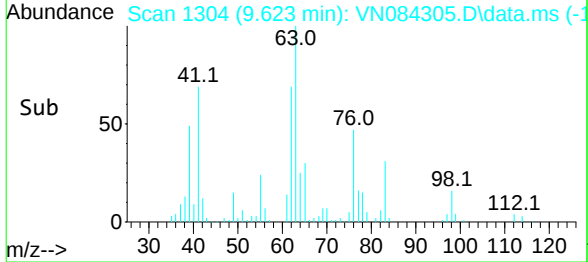
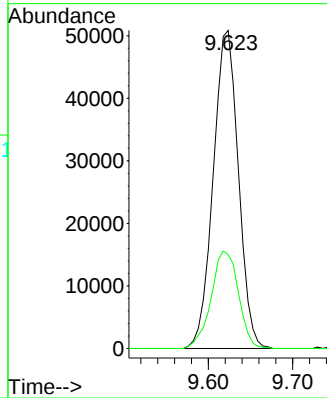
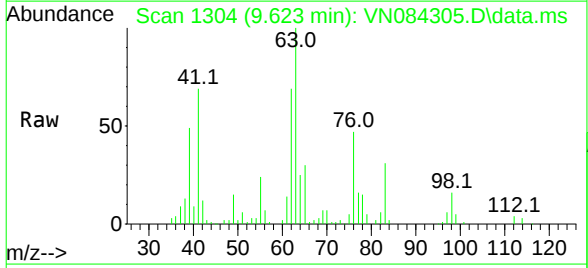
#45
1,2-Dichloropropane
Concen: 54.312 ug/l
RT: 9.623 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 105317
Ion Ratio Lower Upper
63 100
65 29.5 24.6 37.0

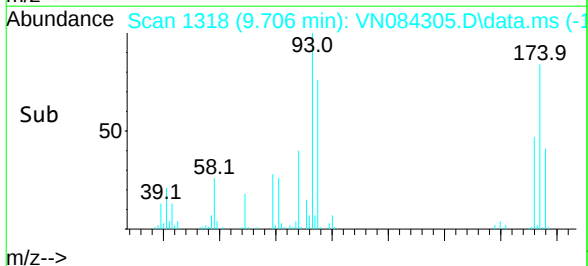
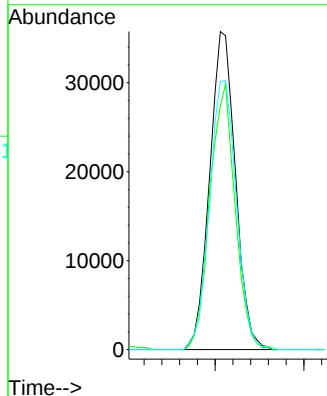
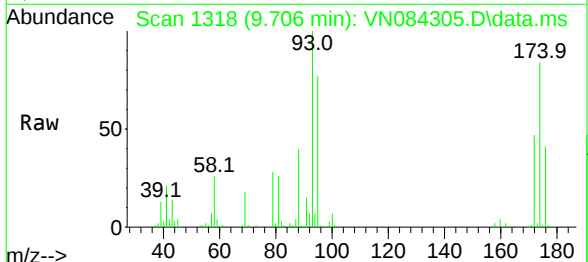
Manual Integrations
APPROVED

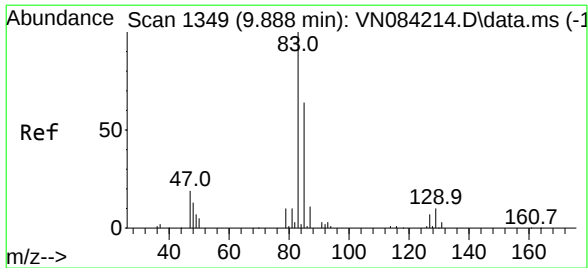
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#46
Dibromomethane
Concen: 55.216 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 93 Resp: 72256
Ion Ratio Lower Upper
93 100
95 81.5 65.0 97.4
174 87.9 71.8 107.8





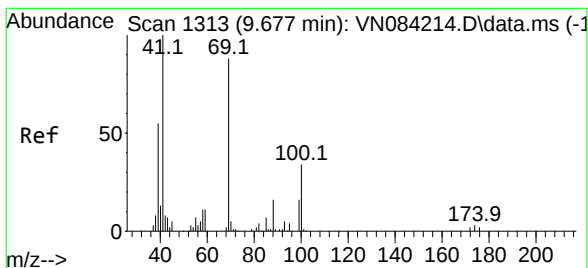
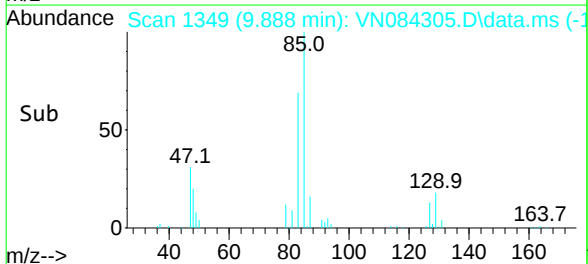
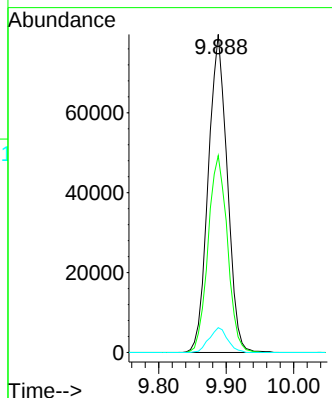
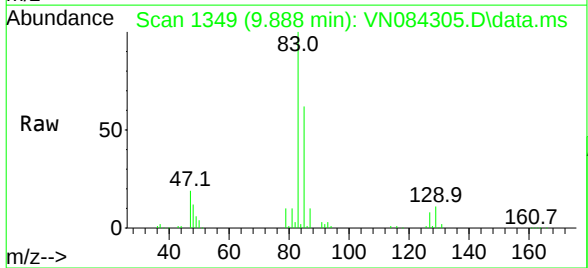
#47
 Bromodichloromethane
 Concen: 53.558 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

Tgt Ion:	83	Resp:	155710
Ion	Ratio	Lower	Upper
83	100		
85	61.9	51.5	77.3
127	7.8	5.7	8.5

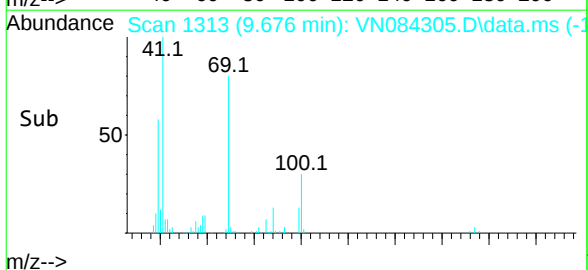
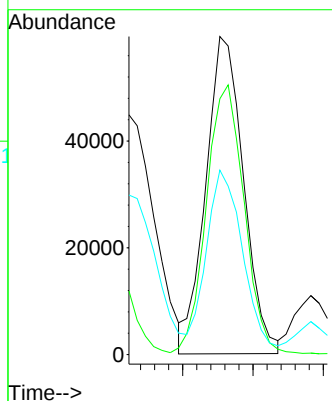
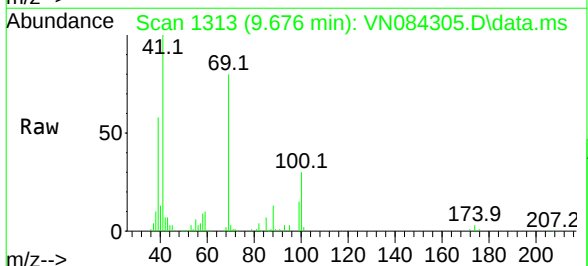
Manual Integrations
 APPROVED

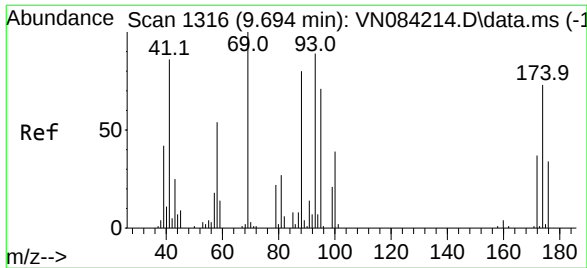
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#48
 Methyl methacrylate
 Concen: 52.702 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

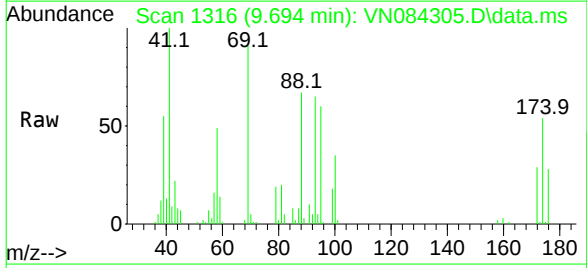
Tgt Ion:	41	Resp:	110912
Ion	Ratio	Lower	Upper
41	100		
69	85.4	67.1	100.7
39	56.6	45.8	68.6





#49
1,4-Dioxane
Concen: 1070.473 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

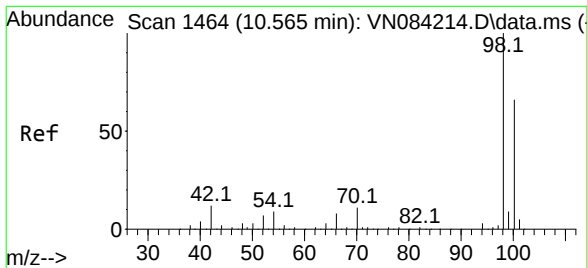
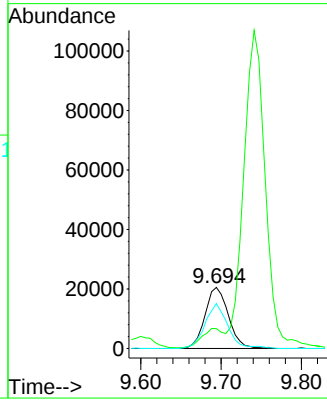
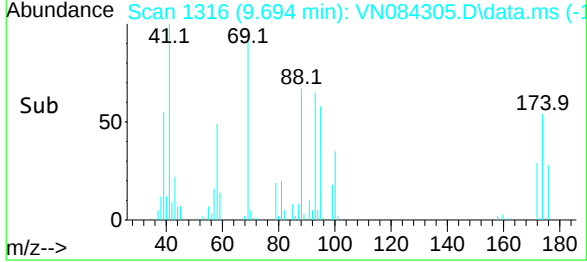
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 41475
Ion Ratio Lower Upper
88 100
43 30.4 25.3 37.9
58 72.1 56.4 84.6

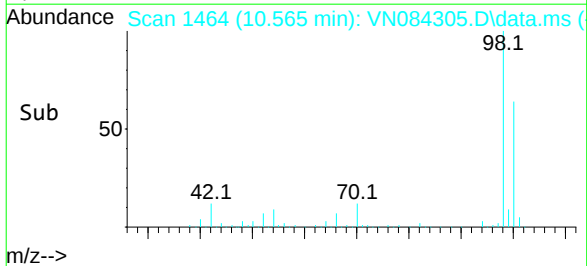
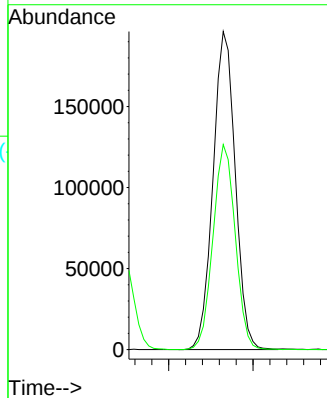
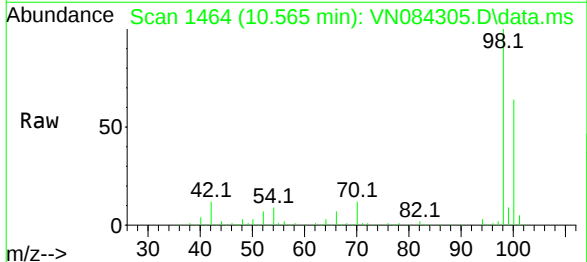
Manual Integrations
APPROVED

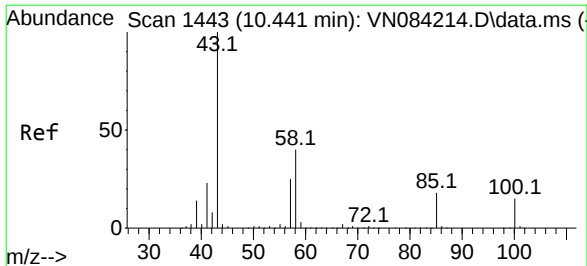
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#50
Toluene-d8
Concen: 53.932 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 98 Resp: 359398
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1





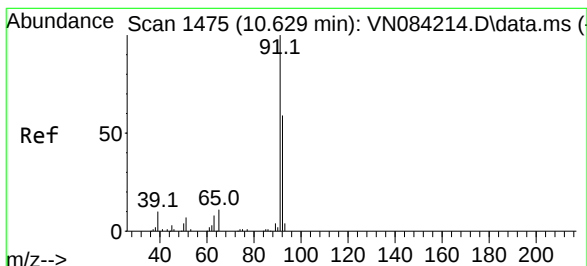
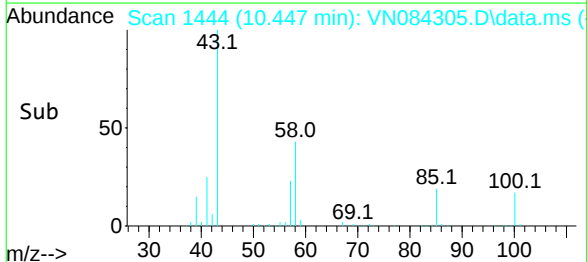
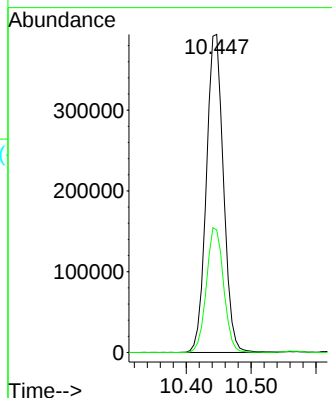
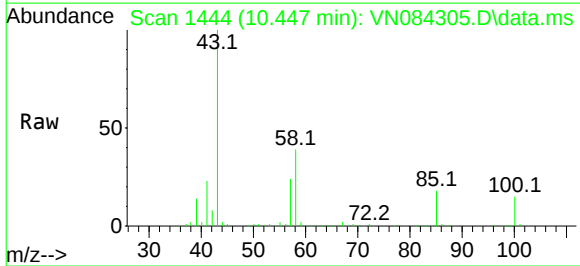
#51
4-Methyl-2-Pentanone
Concen: 281.111 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 722302
Ion Ratio Lower Upper
43 100
58 39.4 31.6 47.4

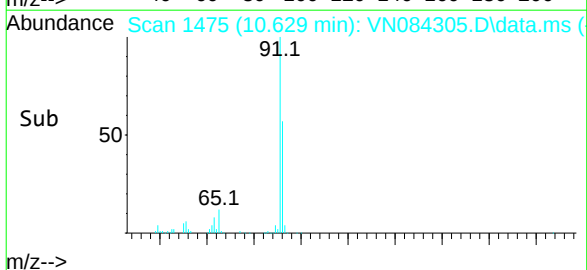
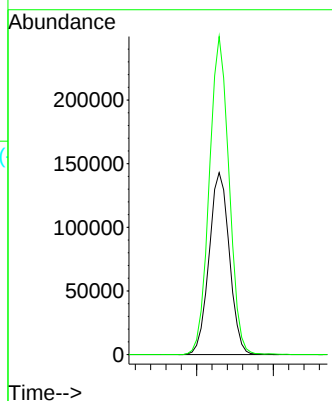
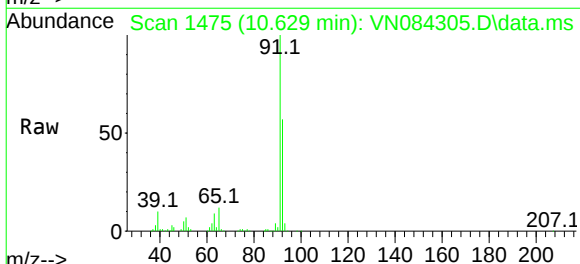
Manual Integrations
APPROVED

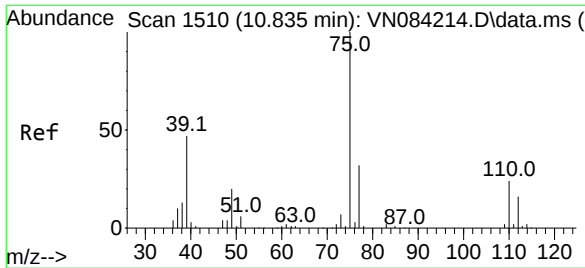
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#52
Toluene
Concen: 52.533 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 92 Resp: 262593
Ion Ratio Lower Upper
92 100
91 170.5 137.3 205.9





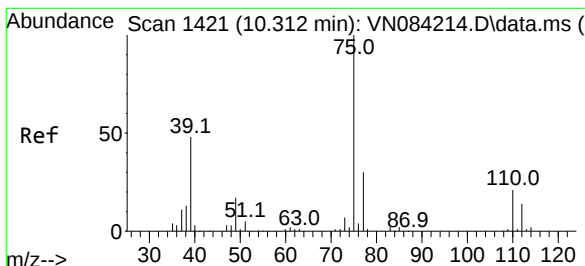
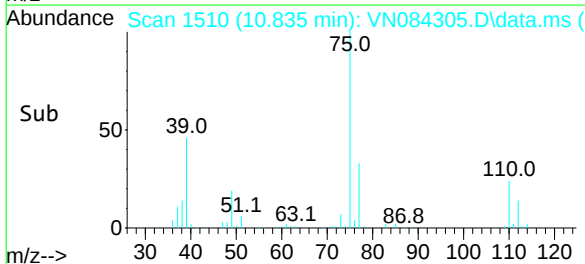
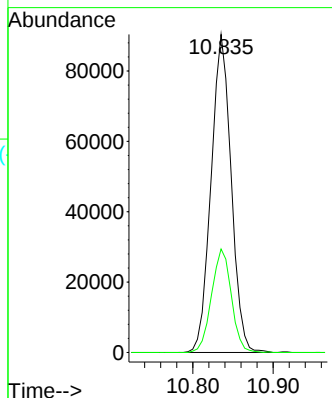
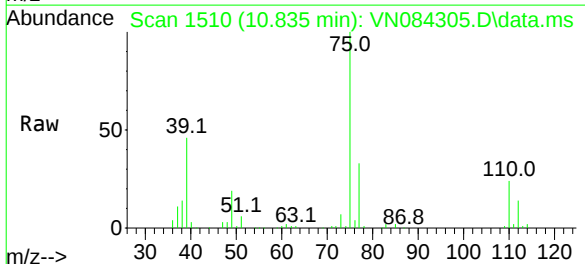
#53
 t-1,3-Dichloropropene
 Concen: 52.999 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 157067
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0

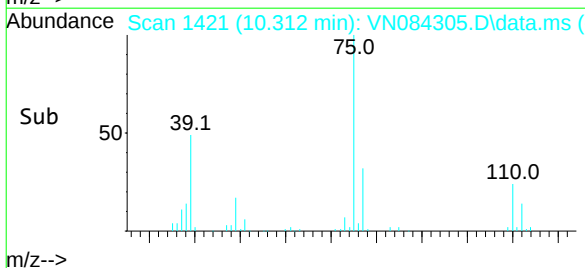
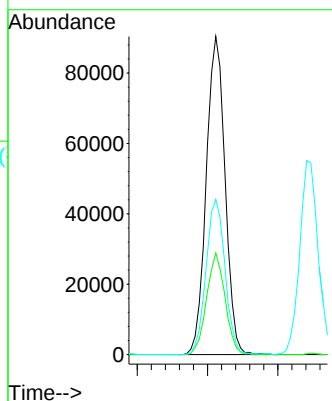
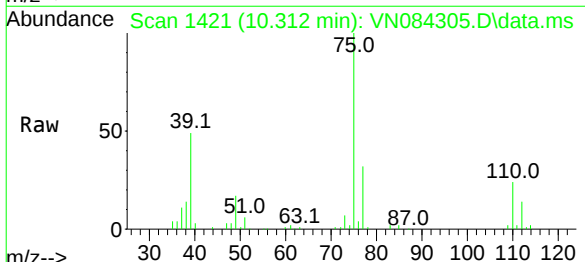
Manual Integrations
 APPROVED

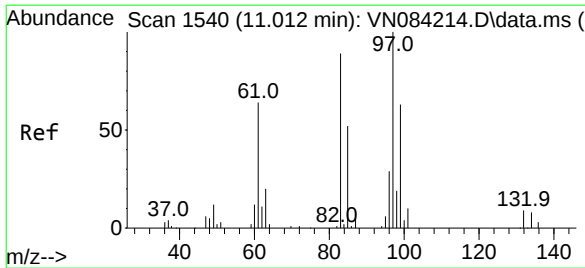
Reviewed By :John Carlone 10/04/2024
 Supervised By :Mahesh Dadoda 10/04/2024



#54
 cis-1,3-Dichloropropene
 Concen: 52.780 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084305.D
 Acq: 03 Oct 2024 17:51

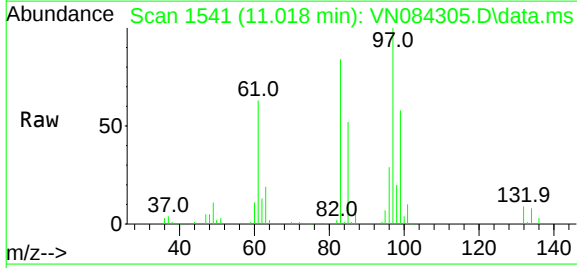
Tgt Ion: 75 Resp: 168246
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.2
 39 48.8 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 54.565 ug/l
RT: 11.018 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

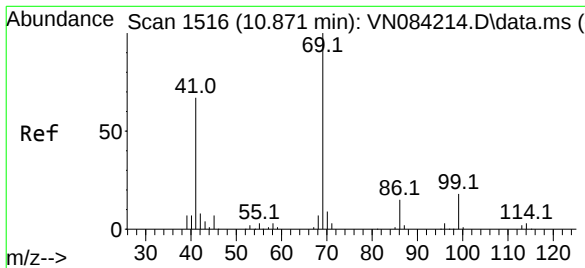
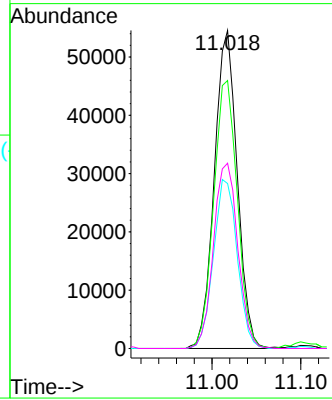
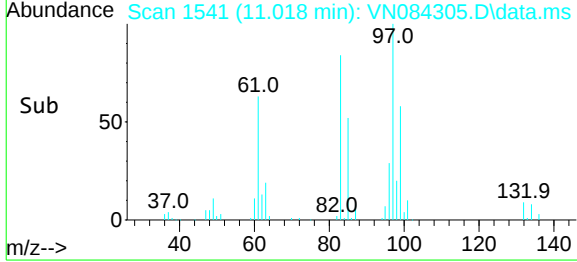
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:	97	Resp:	97778
Ion	Ratio	Lower	Upper
97	100		
83	84.3	71.0	106.4
85	51.9	41.7	62.5
99	58.3	50.1	75.1

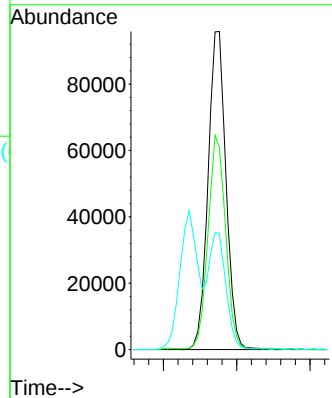
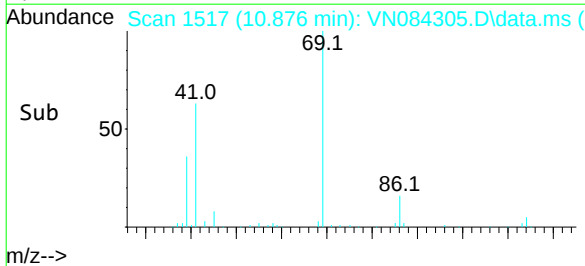
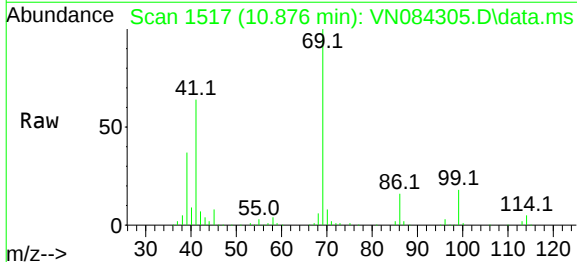
Manual Integrations
APPROVED

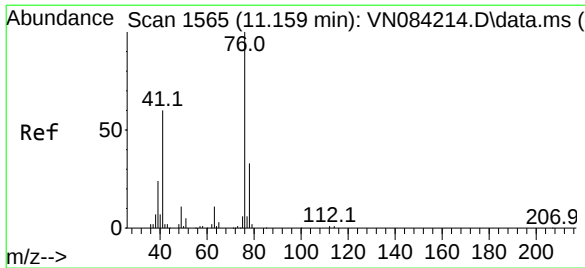
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#56
Ethyl methacrylate
Concen: 55.176 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:	69	Resp:	162693
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.3	79.9
39	36.8	28.8	43.2





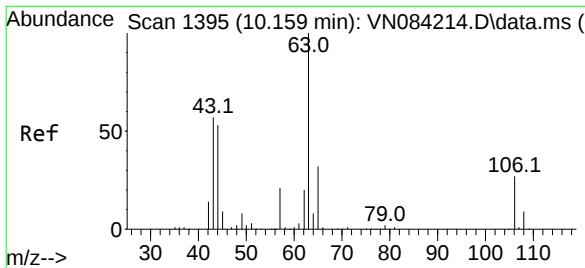
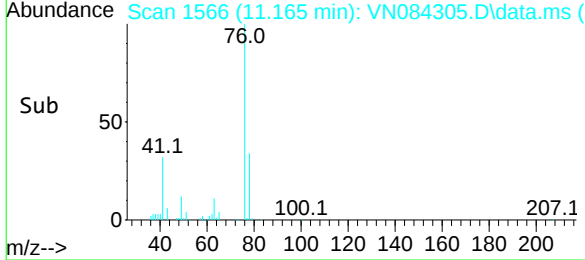
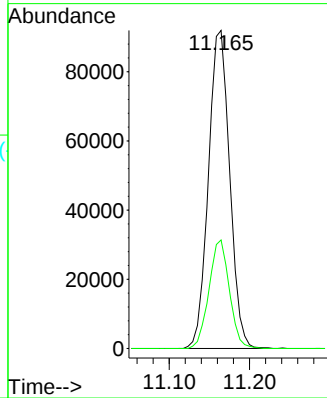
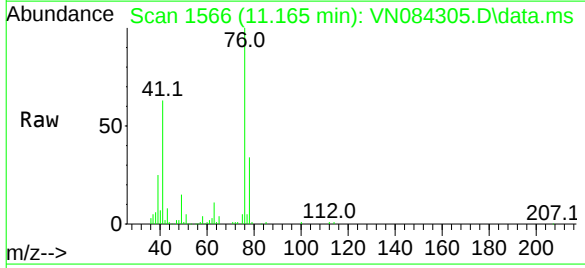
#57
1,3-Dichloropropane
Concen: 52.791 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 169036
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

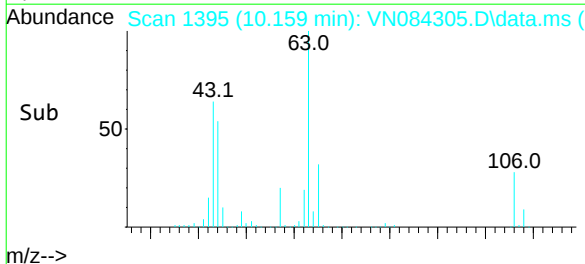
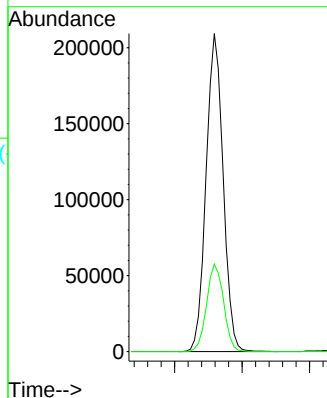
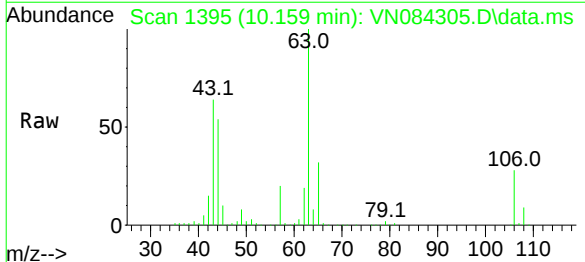
Manual Integrations
APPROVED

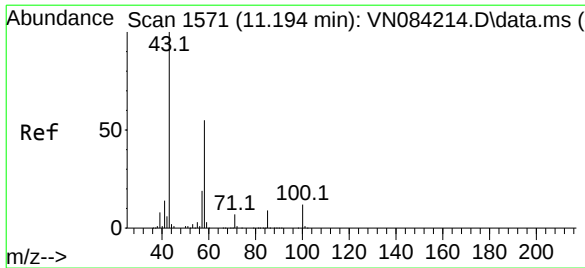
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#58
2-Chloroethyl Vinyl ether
Concen: 268.477 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

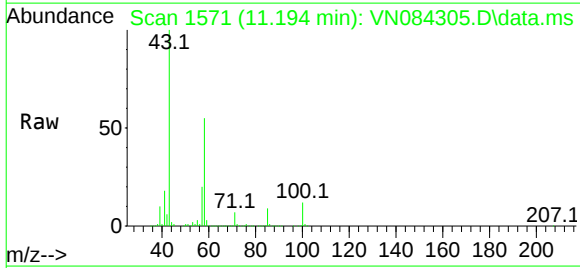
Tgt Ion: 63 Resp: 367230
Ion Ratio Lower Upper
63 100
106 27.4 21.8 32.6





#59
2-Hexanone
Concen: 276.887 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

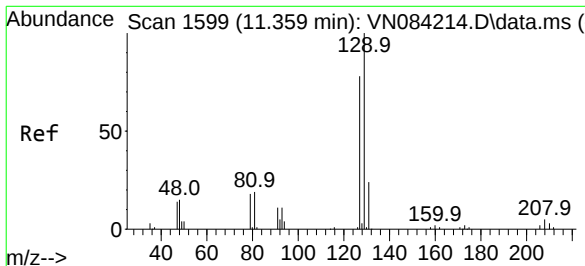
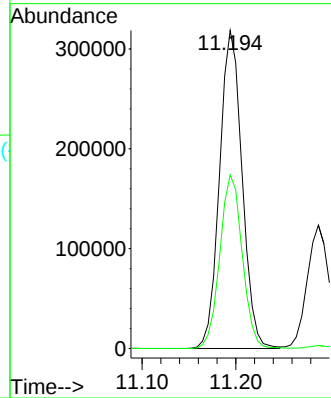
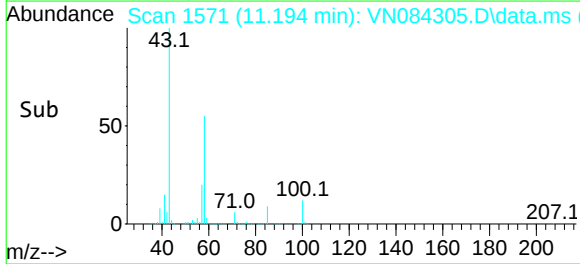
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 531745
Ion Ratio Lower Upper
43 100
58 54.2 27.3 81.8

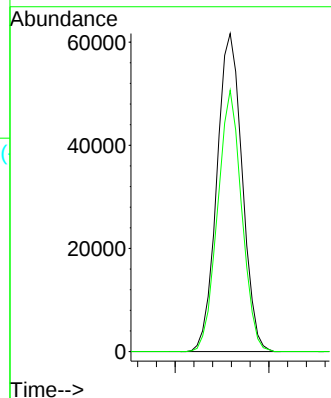
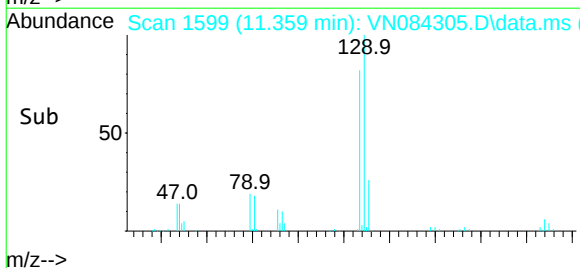
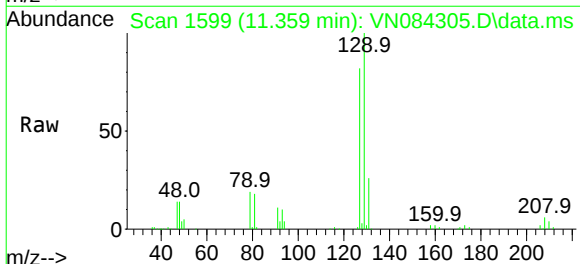
Manual Integrations
APPROVED

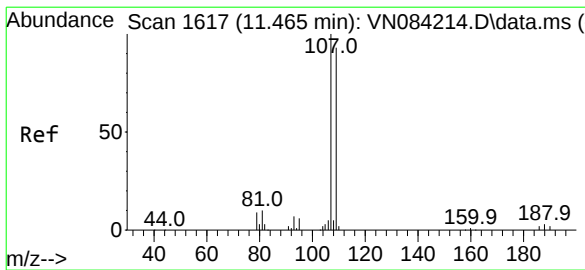
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#60
Dibromochloromethane
Concen: 54.613 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:129 Resp: 115629
Ion Ratio Lower Upper
129 100
127 78.1 38.3 114.9





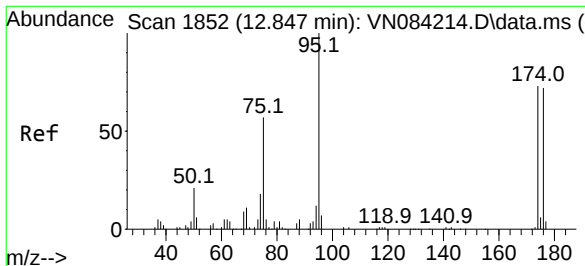
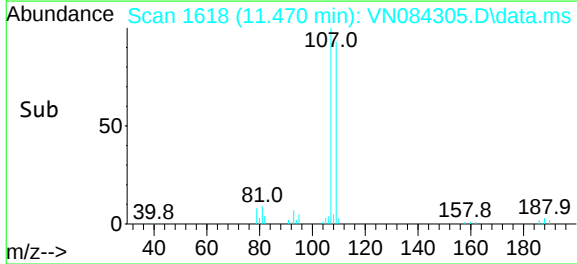
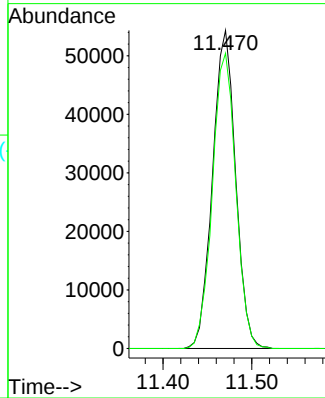
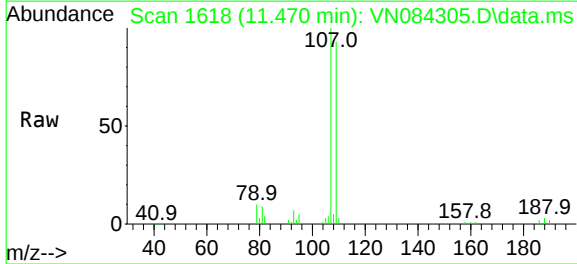
#61
1,2-Dibromoethane
Concen: 52.651 ug/l
RT: 11.470 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 98036
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.0

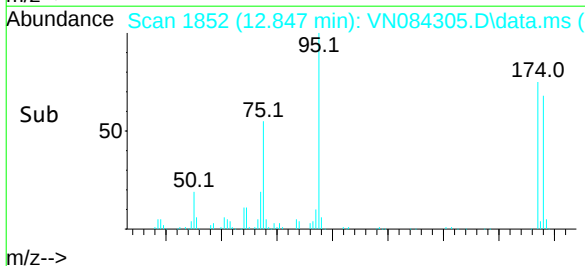
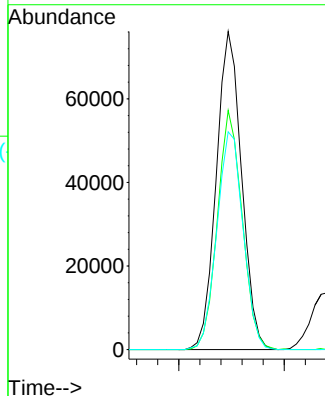
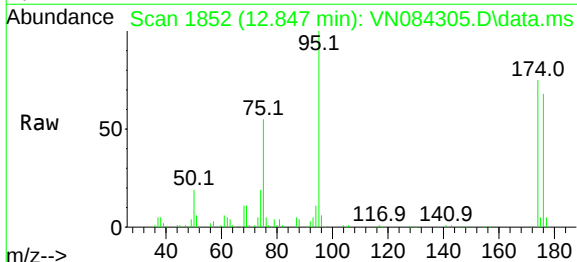
Manual Integrations
APPROVED

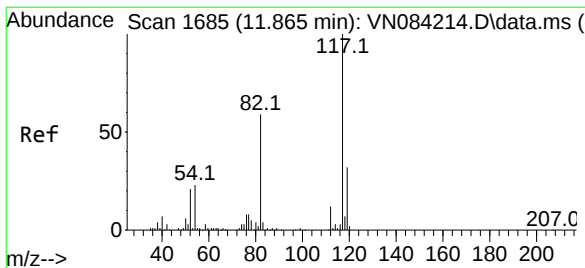
Reviewed By : John Carlone 10/04/2024
Supervised By : Mahesh Dadoda 10/04/2024



#62
4-Bromofluorobenzene
Concen: 52.279 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

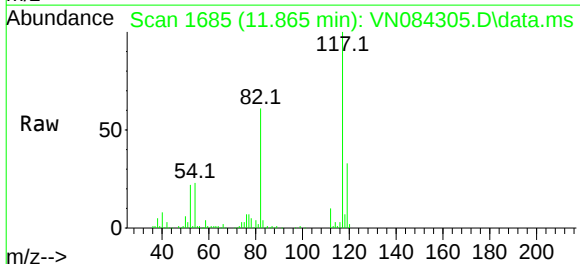
Tgt Ion: 95 Resp: 126918
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 71.0 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

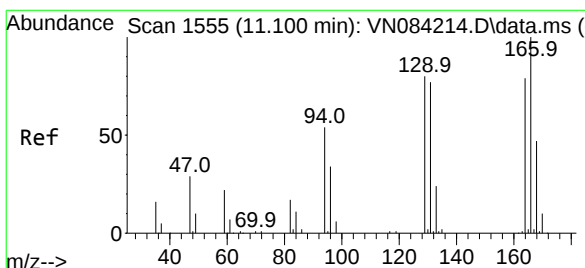
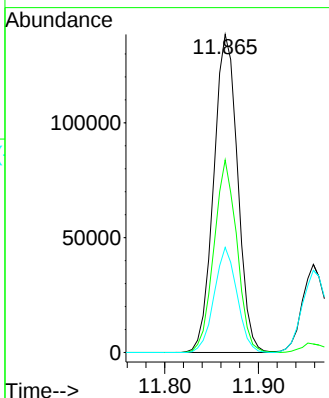
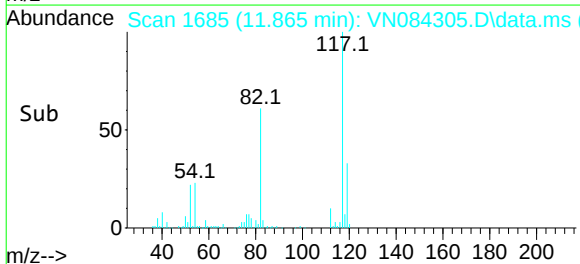
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 245935
Ion Ratio Lower Upper
117 100
82 60.5 47.2 70.8
119 33.0 25.4 38.0

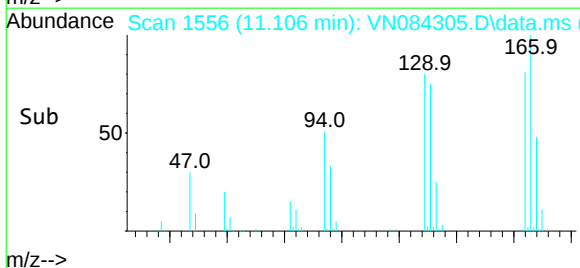
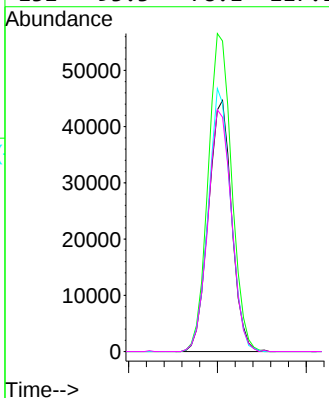
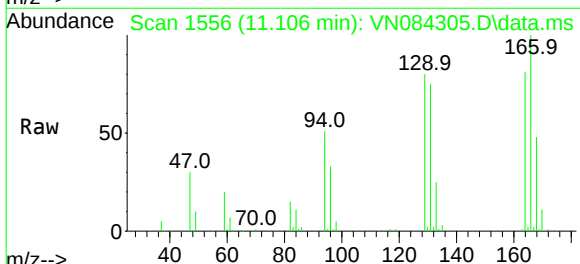
Manual Integrations
APPROVED

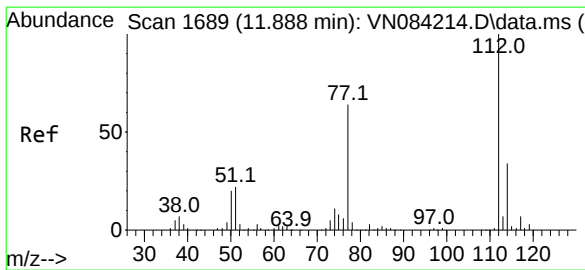
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#64
Tetrachloroethene
Concen: 47.369 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:164 Resp: 81142
Ion Ratio Lower Upper
164 100
166 123.7 101.0 151.4
129 98.9 80.8 121.2
131 93.3 78.1 117.1





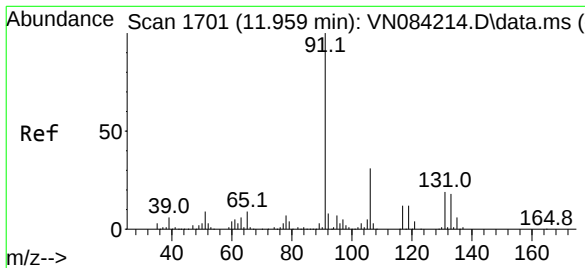
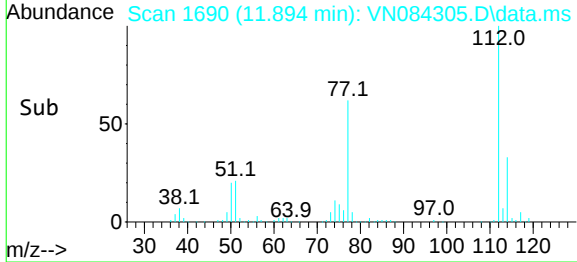
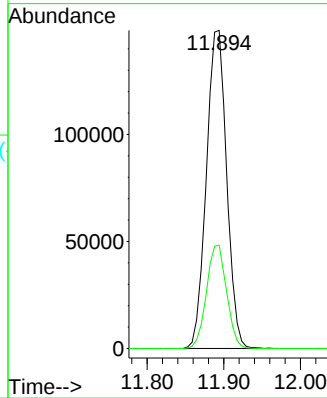
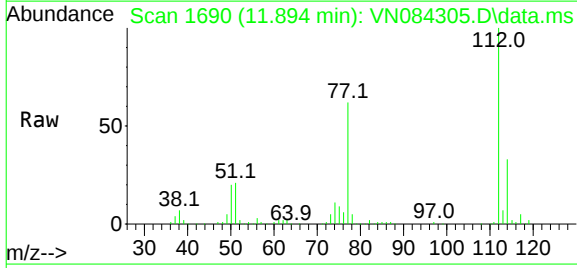
#65
Chlorobenzene
Concen: 50.048 ug/l
RT: 11.894 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 272909
Ion Ratio Lower Upper
112 100
114 32.5 27.0 40.6

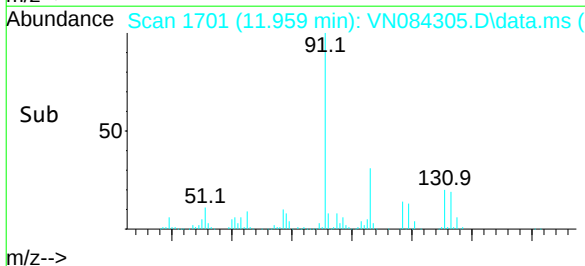
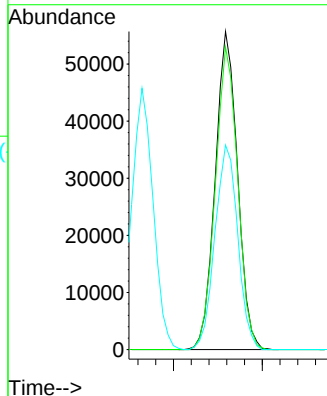
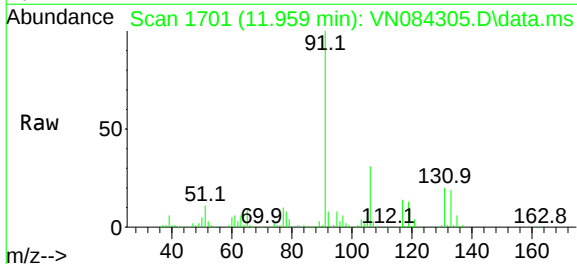
Manual Integrations
APPROVED

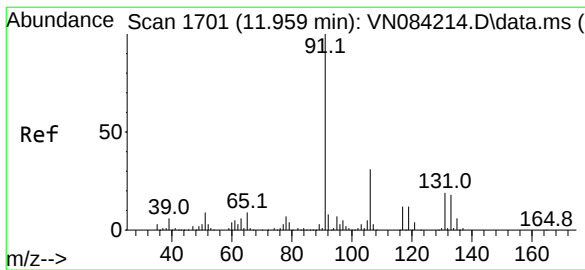
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.747 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:131 Resp: 97192
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.7
119 65.9 32.8 98.3





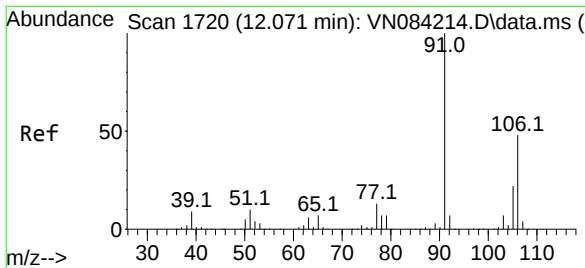
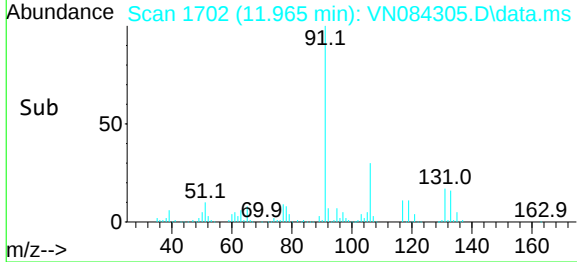
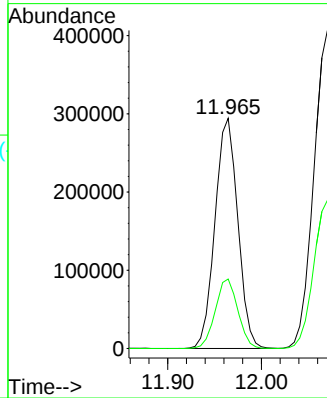
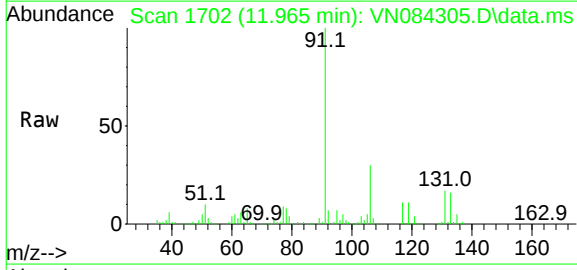
#67
Ethyl Benzene
Concen: 51.638 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 497963
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

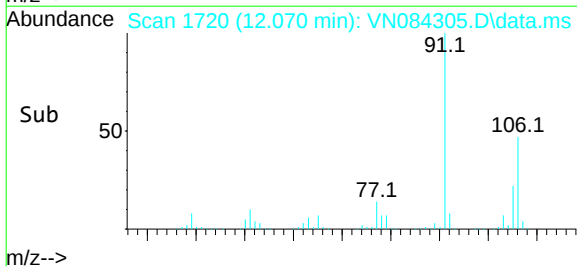
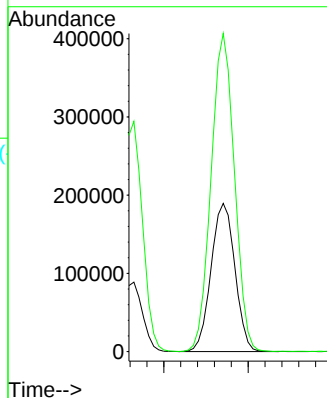
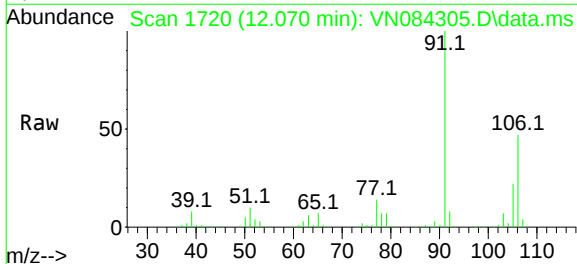
Manual Integrations
APPROVED

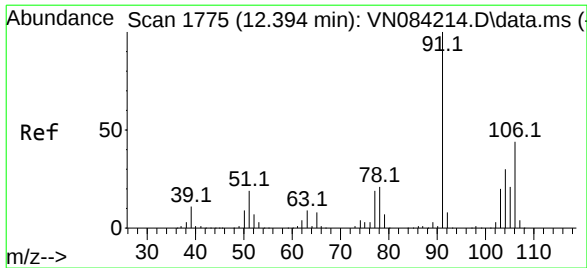
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#68
m/p-Xylenes
Concen: 104.283 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:106 Resp: 371996
Ion Ratio Lower Upper
106 100
91 209.9 167.1 250.7





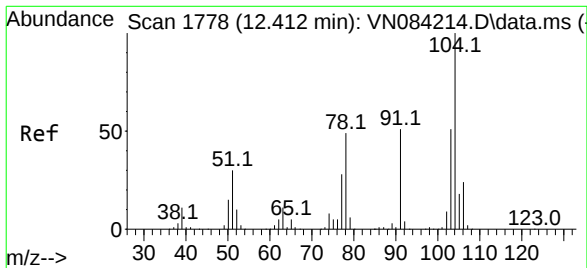
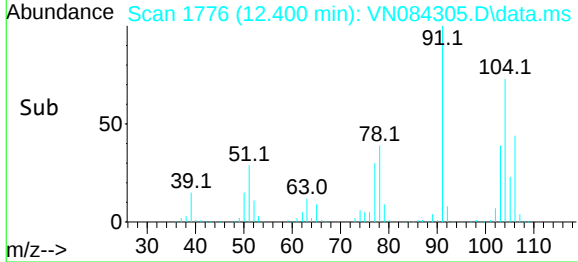
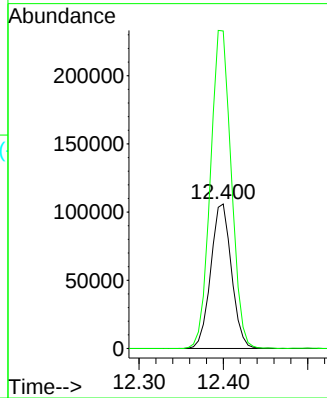
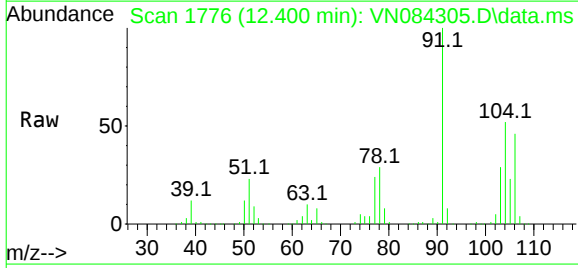
#69
o-Xylene
Concen: 53.560 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 180762
Ion Ratio Lower Upper
106 100
91 221.6 110.2 330.6

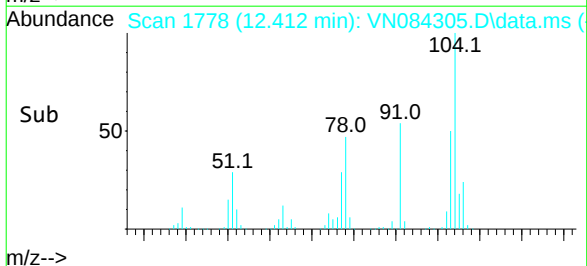
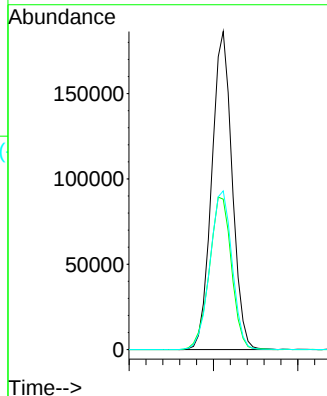
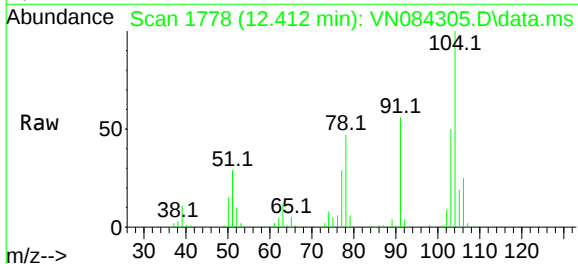
Manual Integrations
APPROVED

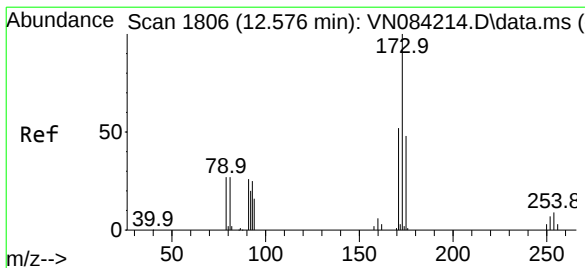
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#70
Styrene
Concen: 54.832 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:104 Resp: 313450
Ion Ratio Lower Upper
104 100
78 51.9 42.7 64.1
103 54.1 43.6 65.4





#71

Bromoform

Concen: 55.820 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

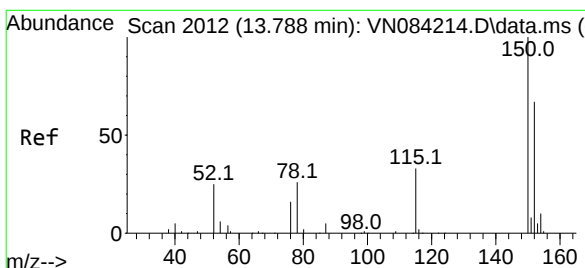
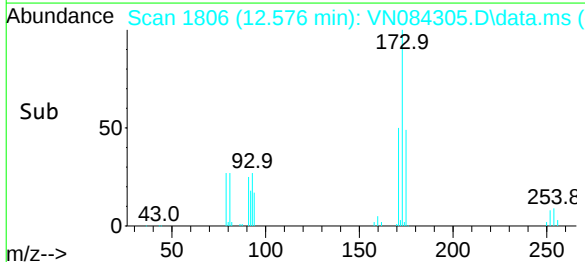
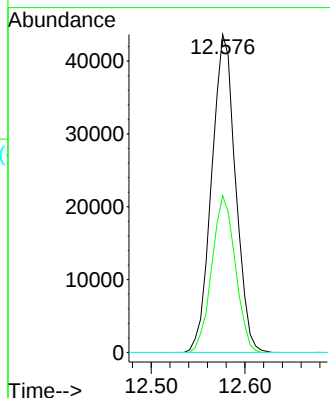
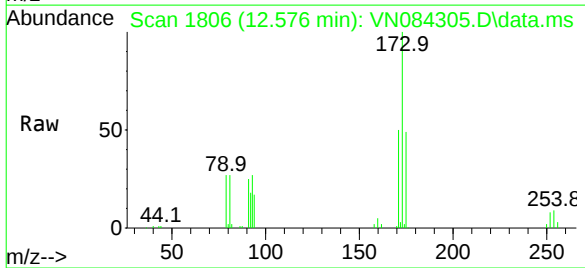
Tgt Ion:	173	Resp:	77188
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

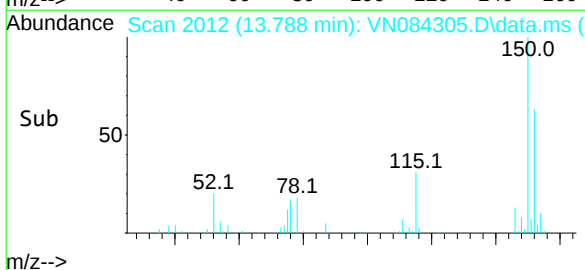
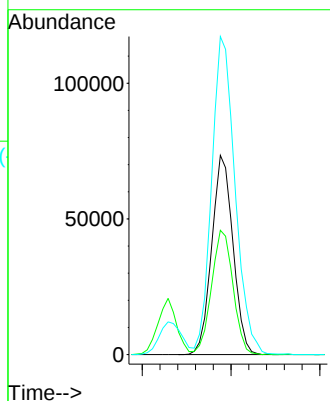
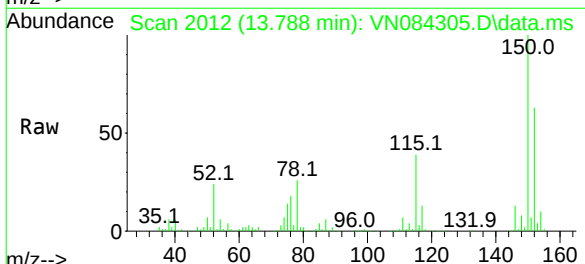
RT: 13.788 min Scan# 2012

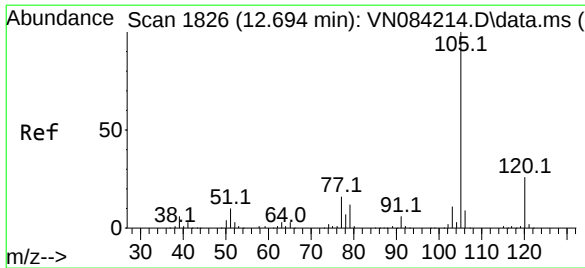
Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Tgt Ion:	152	Resp:	122128
Ion Ratio	Lower	Upper	
152	100		
115	63.2	31.3	93.9
150	175.6	0.0	349.8





#73

Isopropylbenzene

Concen: 49.288 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 459334

Ion Ratio Lower Upper

105 100

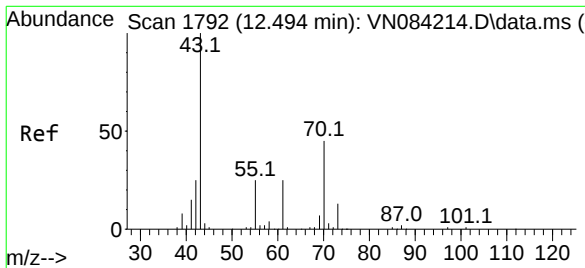
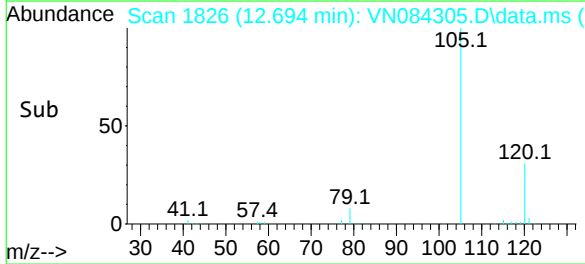
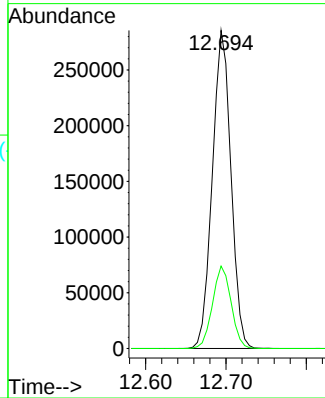
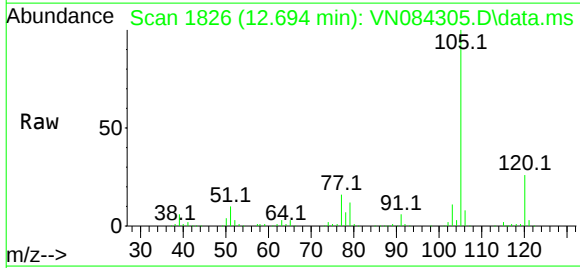
120 25.8 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#74

N-ethyl acetate

Concen: 50.219 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Tgt Ion: 43 Resp: 211935

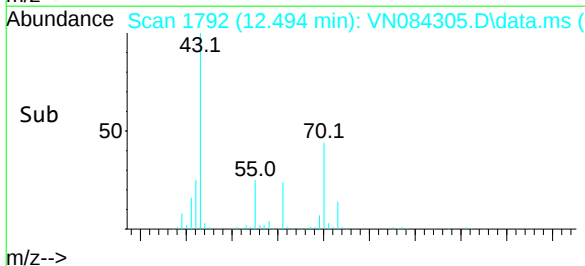
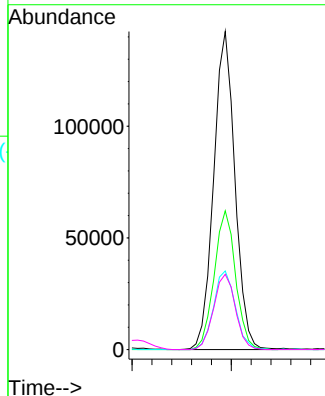
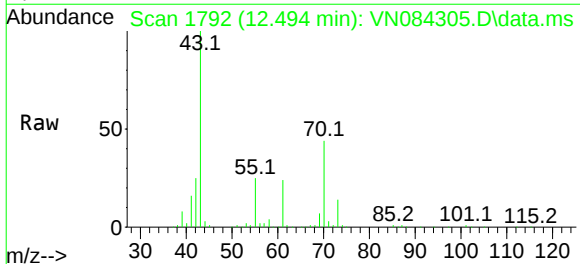
Ion Ratio Lower Upper

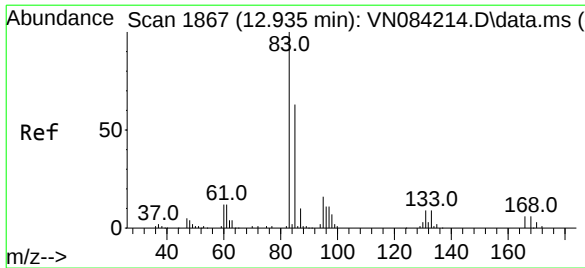
43 100

70 44.0 34.4 51.6

55 25.6 19.6 29.4

61 24.2 19.6 29.4





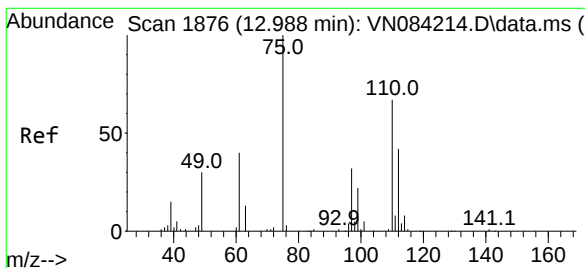
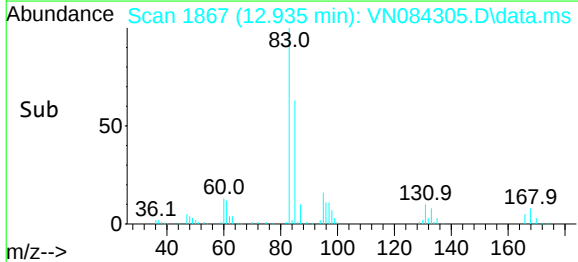
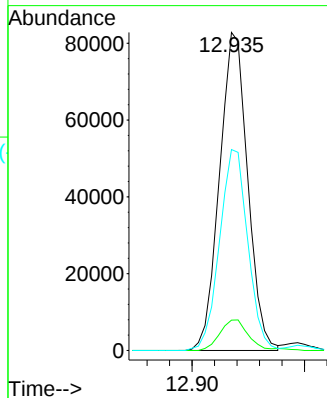
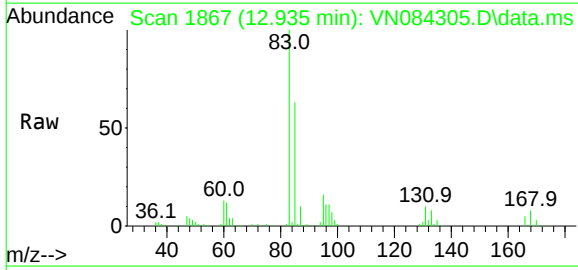
#75
1,1,2,2-Tetrachloroethane
Concen: 51.390 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 144009
Ion Ratio Lower Upper
83 100
131 10.0 4.9 14.7
85 63.2 31.9 95.7

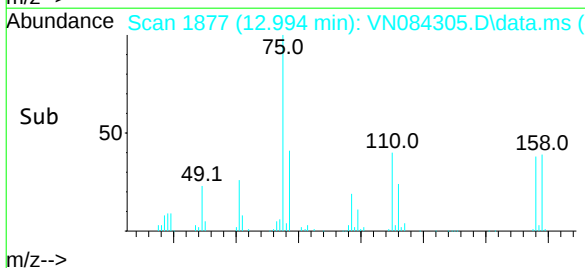
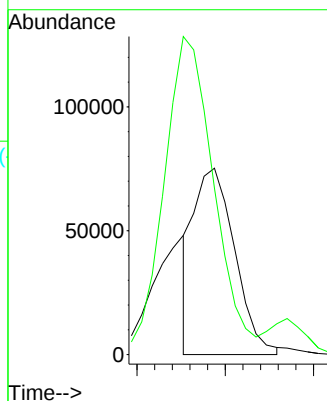
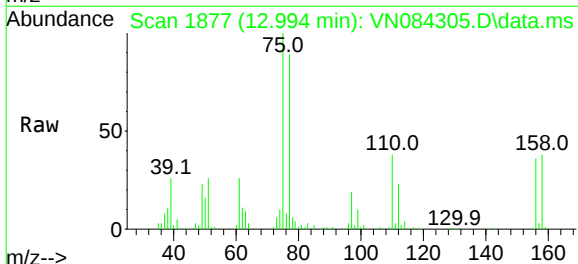
Manual Integrations
APPROVED

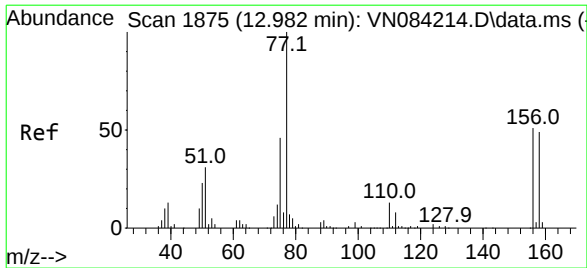
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#76
1,2,3-Trichloropropane
Concen: 48.643 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

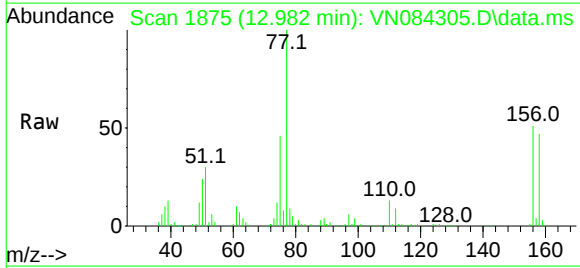
Tgt Ion: 75 Resp: 121281
Ion Ratio Lower Upper
75 100
77 207.3 96.9 290.7





#77
Bromobenzene
Concen: 48.845 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

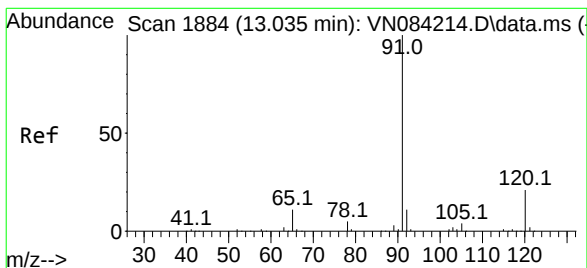
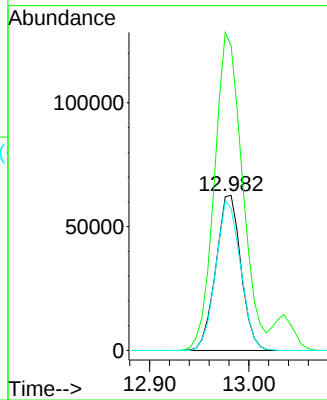
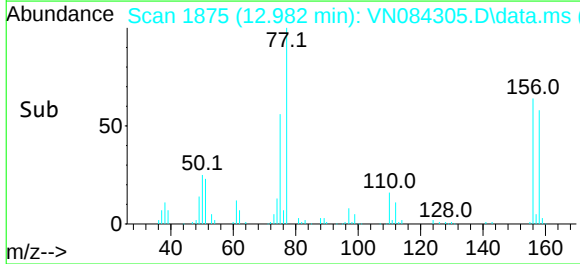
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 109802
Ion Ratio Lower Upper
156 100
77 228.9 115.1 345.3
158 95.9 48.9 146.8

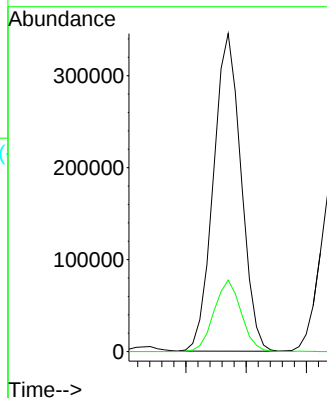
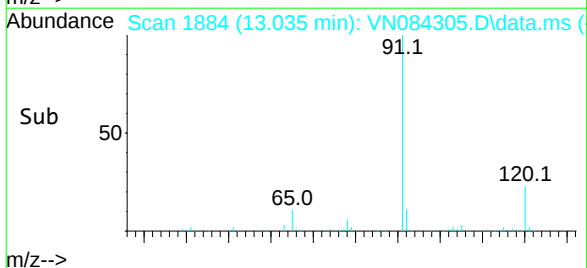
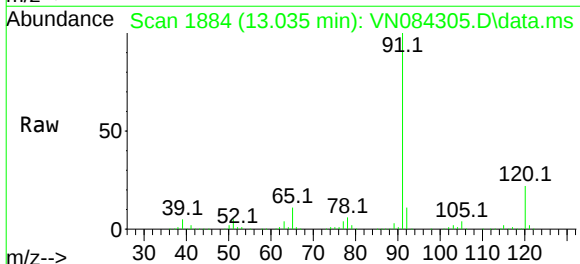
Manual Integrations
APPROVED

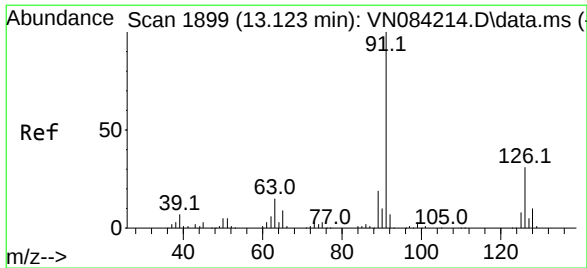
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#78
n-propylbenzene
Concen: 50.978 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion: 91 Resp: 550445
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





#79

2-Chlorotoluene

Concen: 49.260 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 339399

Ion Ratio Lower Upper

91 100

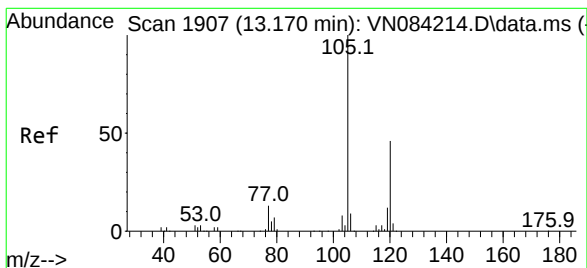
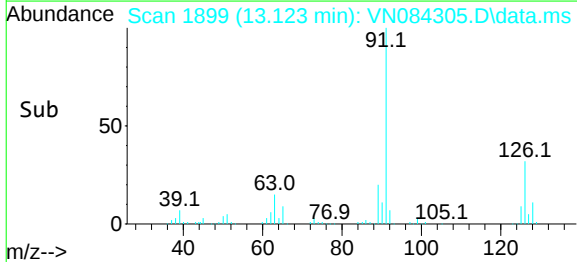
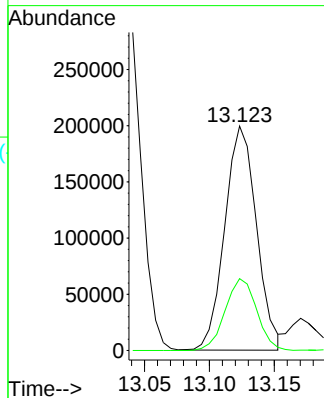
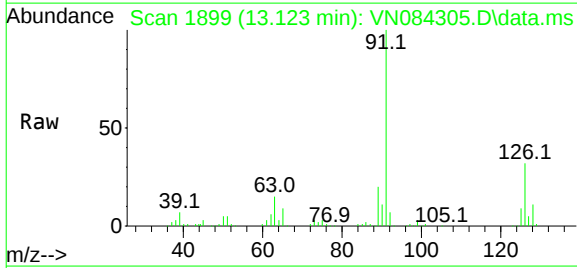
126 31.9 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#80

1,3,5-Trimethylbenzene

Concen: 52.109 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN084305.D

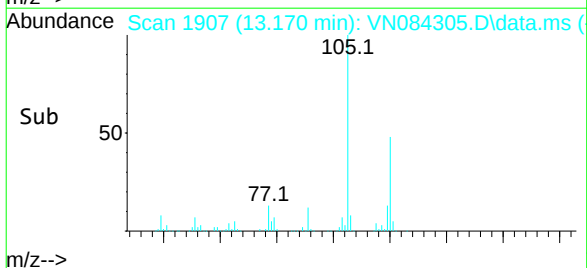
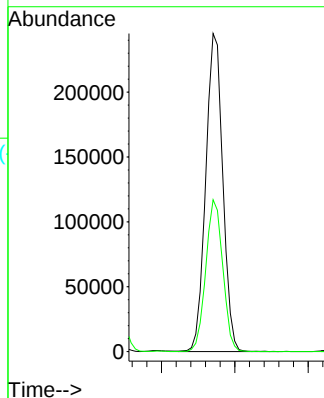
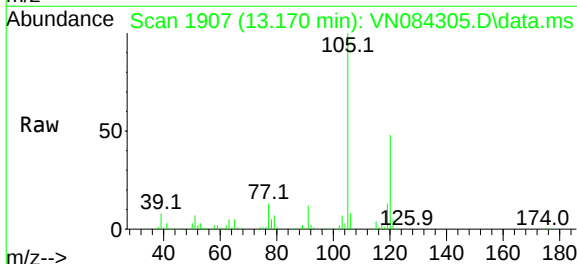
Acq: 03 Oct 2024 17:51

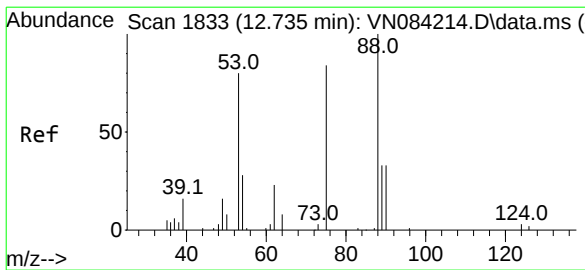
Tgt Ion:105 Resp: 396135

Ion Ratio Lower Upper

105 100

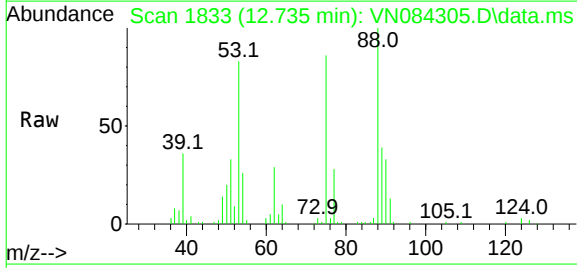
120 47.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 49.940 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

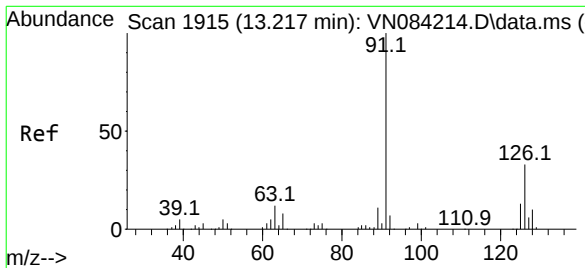
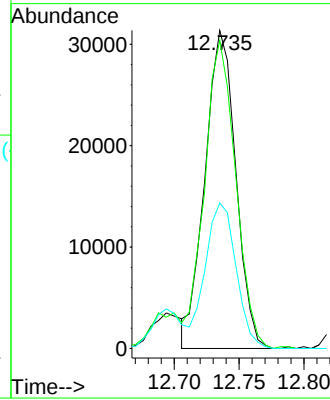
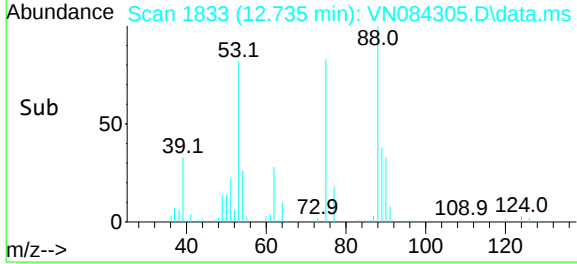
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 51936
Ion Ratio Lower Upper
75 100
53 98.3 78.0 117.0
89 45.4 35.5 53.3

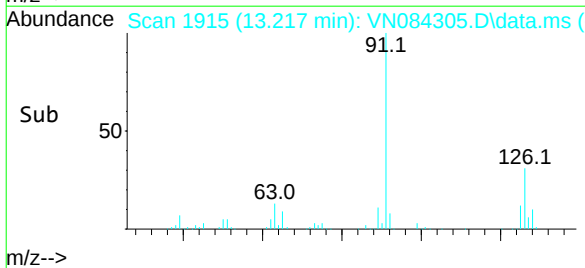
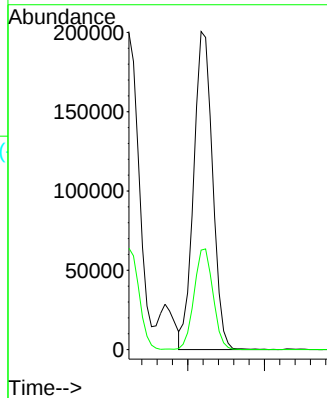
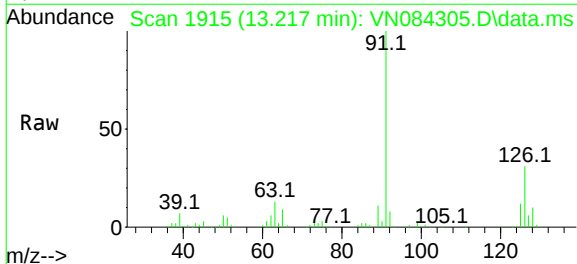
Manual Integrations
APPROVED

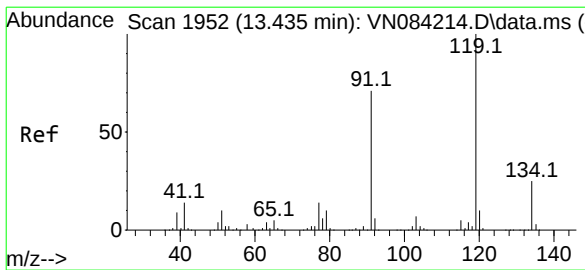
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#82
4-Chlorotoluene
Concen: 49.505 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

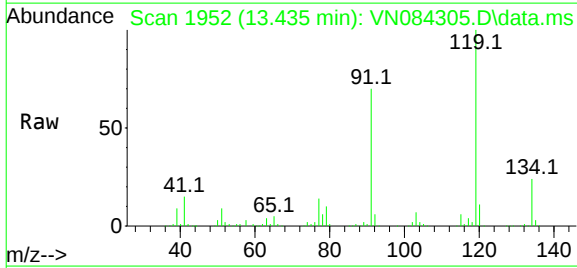
Tgt Ion: 91 Resp: 343367
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.1





#83
tert-Butylbenzene
Concen: 49.931 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

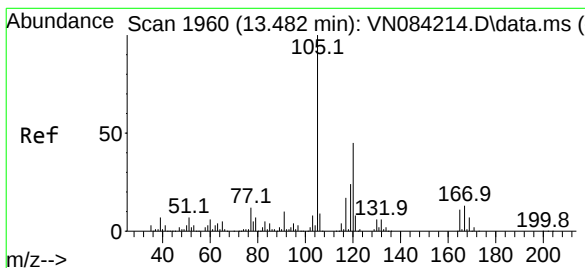
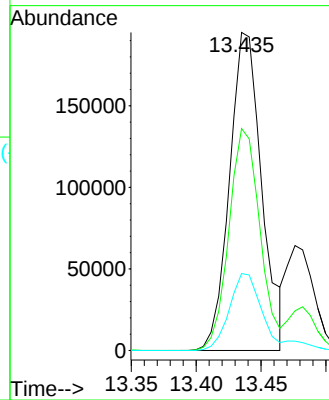
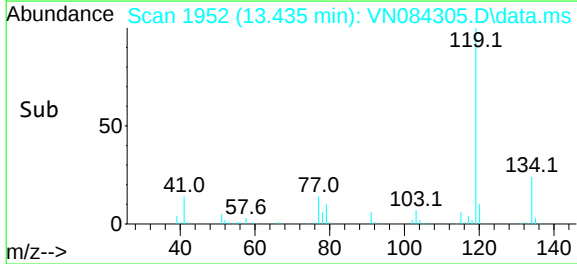
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



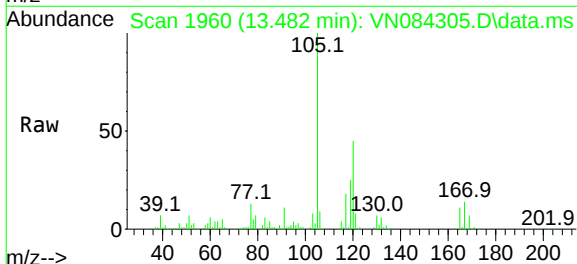
Tgt Ion:119 Resp: 337376
Ion Ratio Lower Upper
119 100
91 67.3 34.1 102.3
134 26.0 12.8 38.4

Manual Integrations
APPROVED

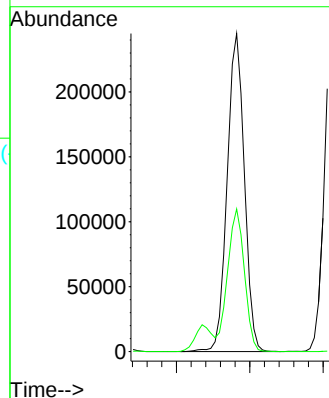
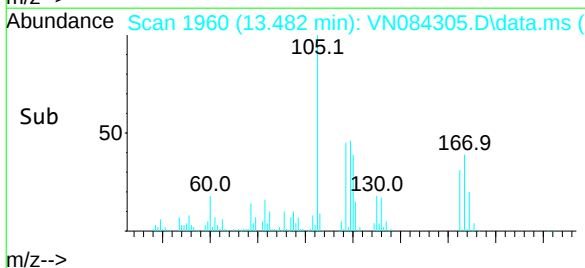
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024

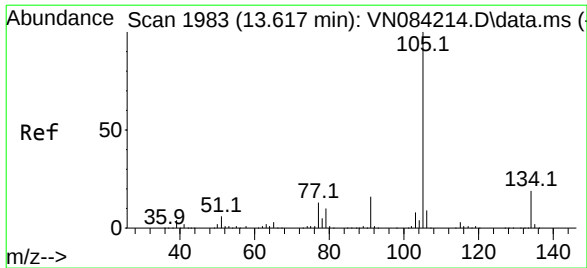


#84
1,2,4-Trimethylbenzene
Concen: 51.950 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51



Tgt Ion:105 Resp: 397840
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8





#85
sec-Butylbenzene
Concen: 51.848 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

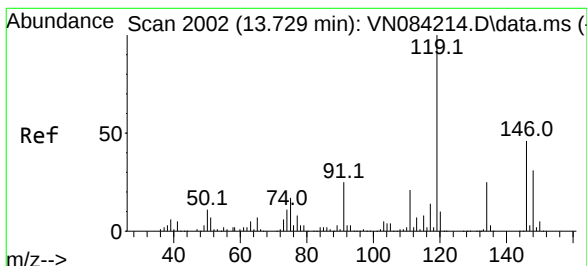
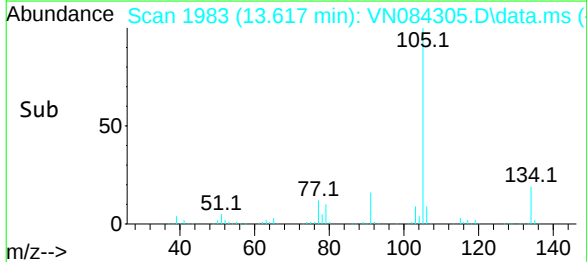
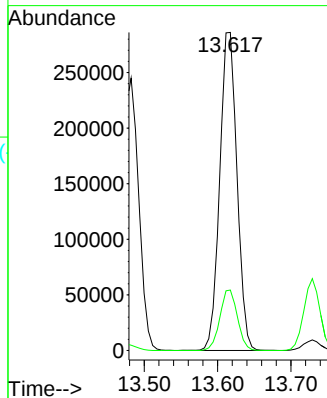
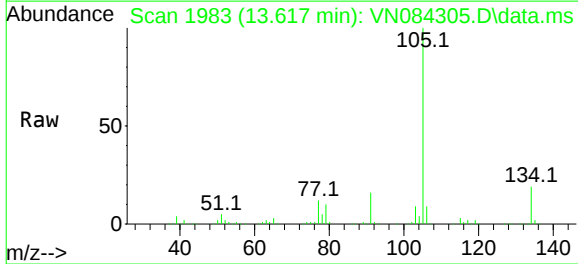
VSTDCCC050EC

Tgt Ion:105 Resp: 467481
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.4

Manual Integrations

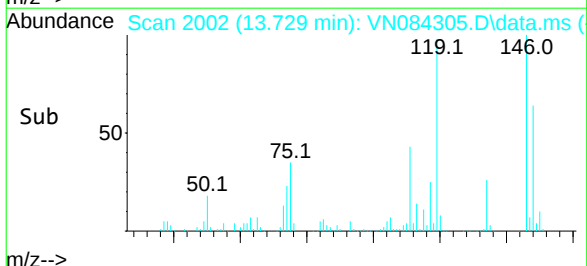
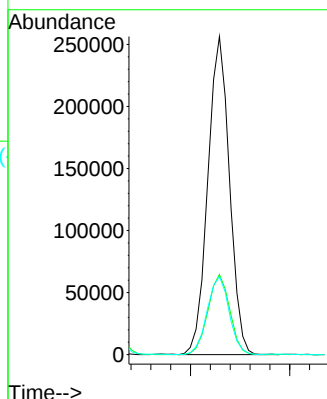
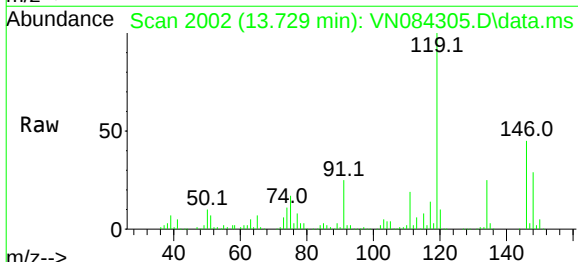
APPROVED

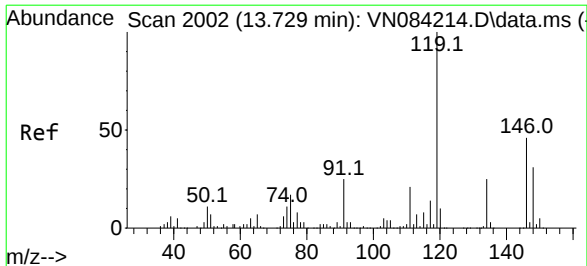
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#86
p-Isopropyltoluene
Concen: 52.103 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

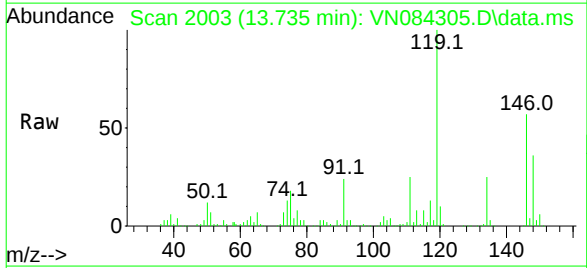
Tgt Ion:119 Resp: 388465
Ion Ratio Lower Upper
119 100
134 25.4 12.6 37.8
91 24.9 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.327 ug/l
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

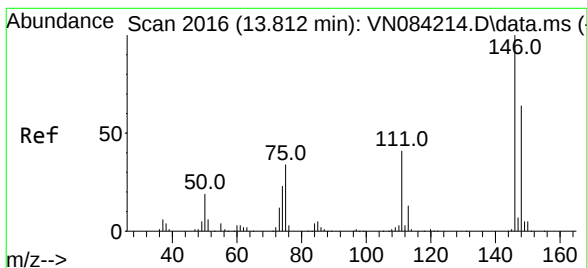
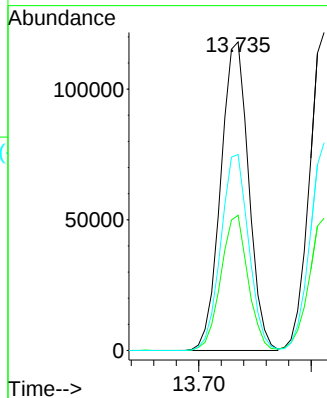
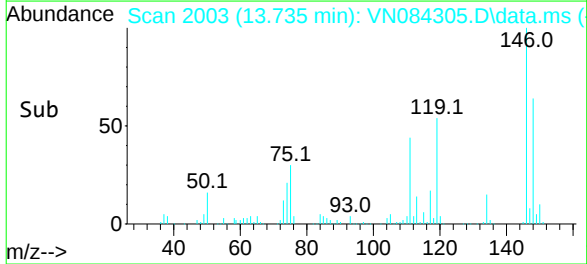
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 203802
Ion Ratio Lower Upper
146 100
111 42.5 21.8 65.3
148 63.3 31.9 95.7

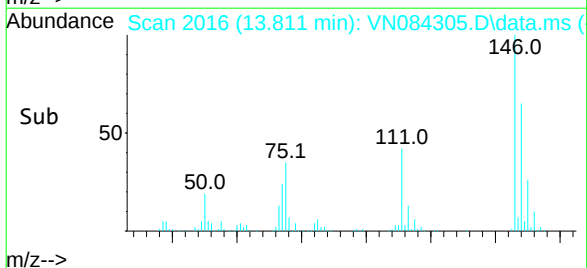
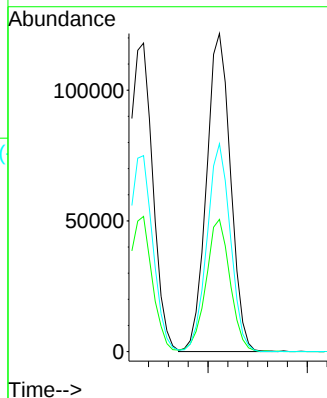
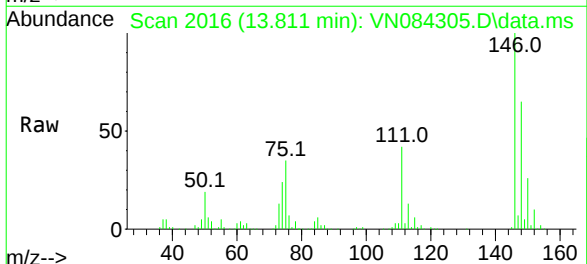
Manual Integrations
APPROVED

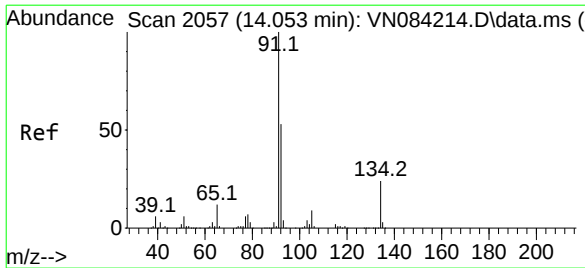
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#88
1,4-Dichlorobenzene
Concen: 48.202 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:146 Resp: 205279
Ion Ratio Lower Upper
146 100
111 41.5 21.2 63.6
148 63.6 31.9 95.9





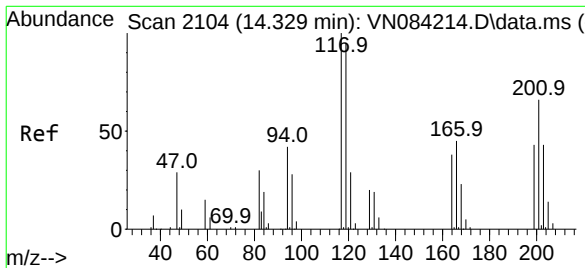
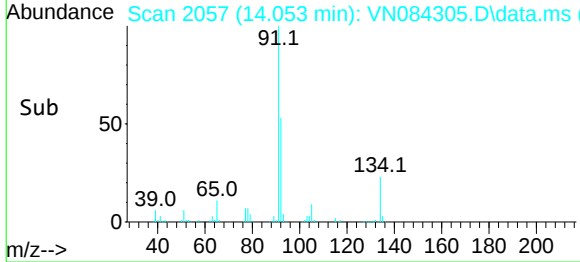
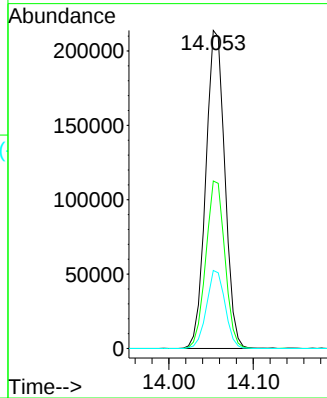
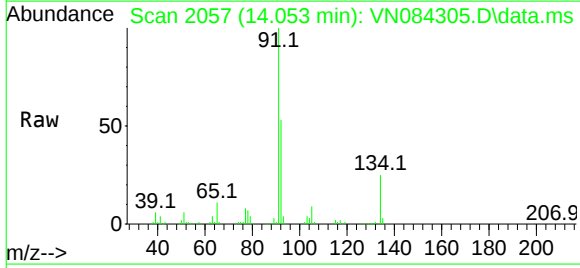
#89
n-Butylbenzene
Concen: 49.581 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 335196
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.7
134 24.0 12.3 36.9

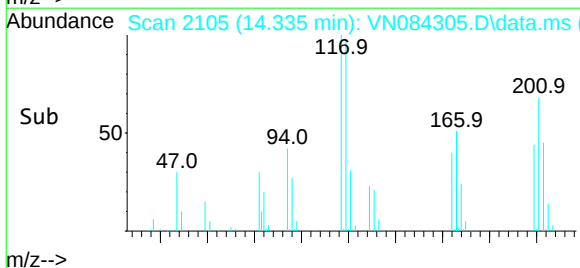
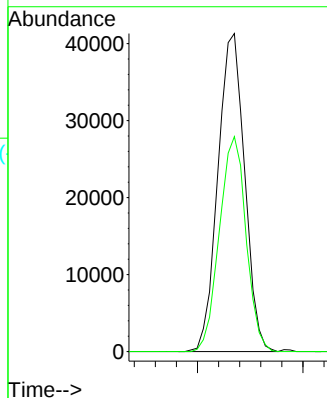
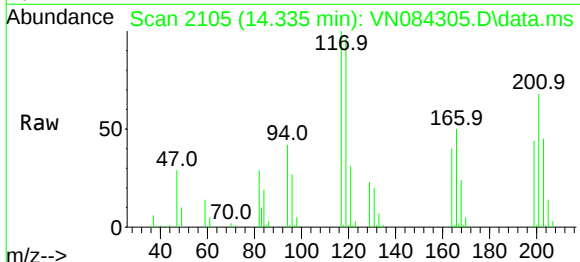
Manual Integrations
APPROVED

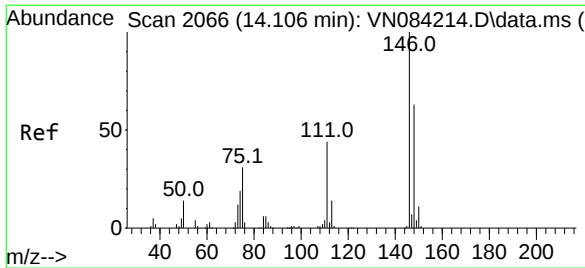
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#90
Hexachloroethane
Concen: 48.103 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:117 Resp: 72798
Ion Ratio Lower Upper
117 100
201 67.3 34.4 103.2





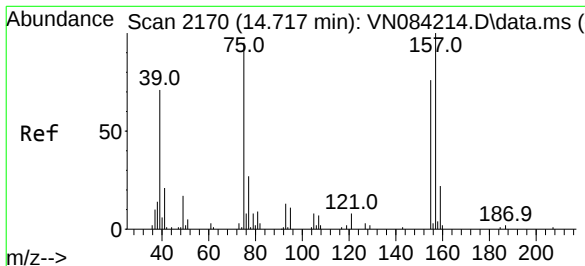
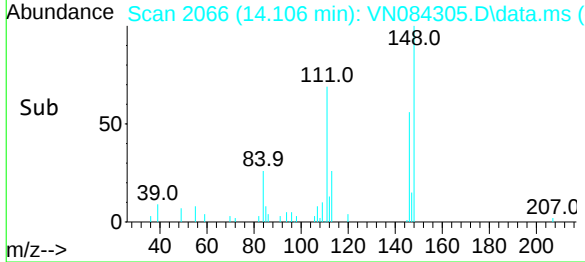
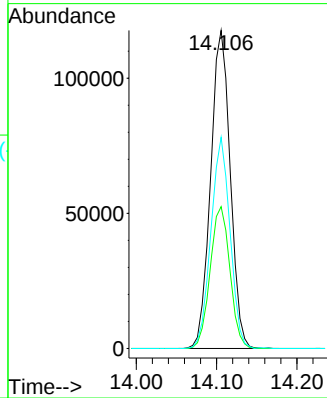
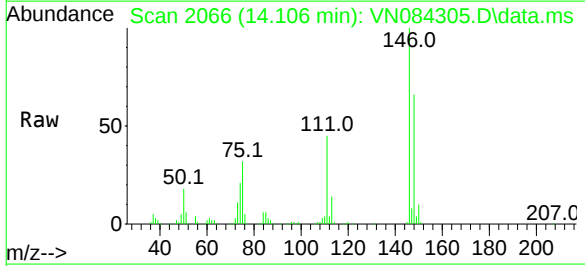
#91
1,2-Dichlorobenzene
Concen: 48.285 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 199667
Ion Ratio Lower Upper
146 100
111 44.9 22.0 66.0
148 64.7 32.1 96.3

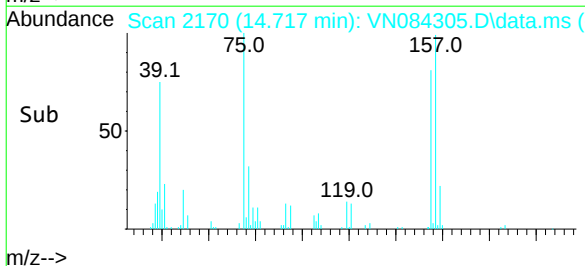
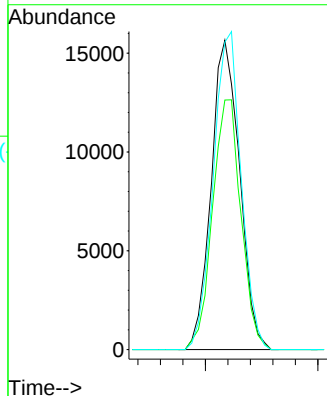
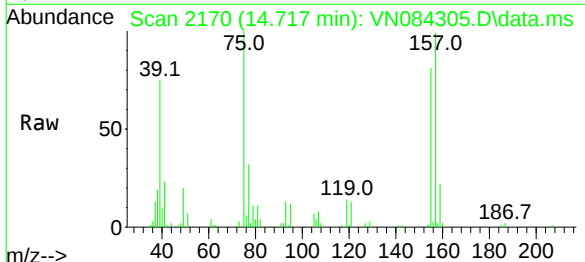
Manual Integrations
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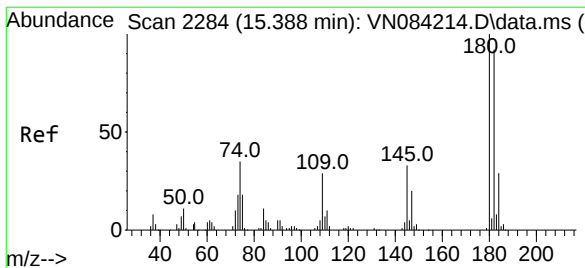
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.603 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

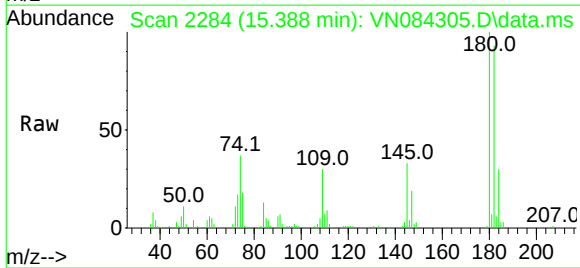
Tgt Ion: 75 Resp: 27528
Ion Ratio Lower Upper
75 100
155 80.6 38.1 114.5
157 100.3 49.6 149.0





#93
1,2,4-Trichlorobenzene
Concen: 47.561 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

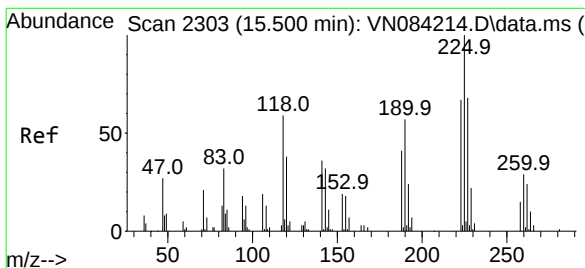
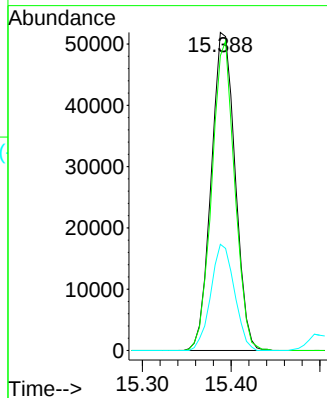
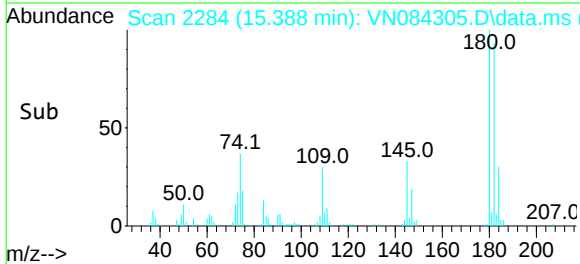
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 96872
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.0
145 33.0 16.4 49.4

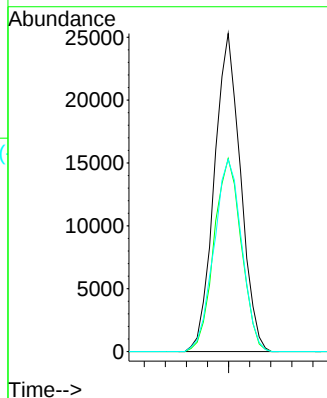
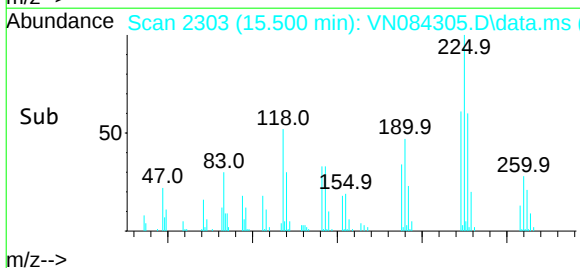
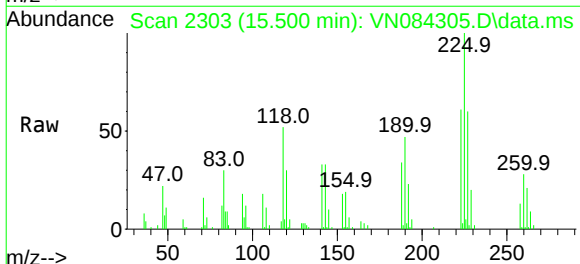
Manual Integrations
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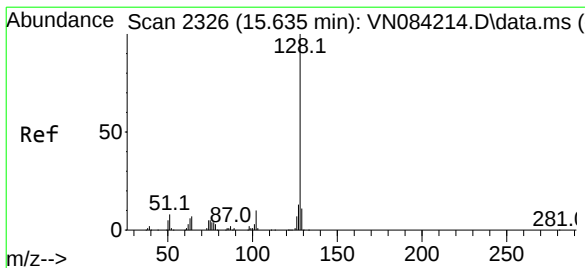
Reviewed By :John Carlone 10/04/2024
Supervised By :Mahesh Dadoda 10/04/2024



#94
Hexachlorobutadiene
Concen: 43.059 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084305.D
Acq: 03 Oct 2024 17:51

Tgt Ion:225 Resp: 43736
Ion Ratio Lower Upper
225 100
223 63.2 32.4 97.2
227 64.1 32.4 97.0





#95

Naphthalene

Concen: 46.787 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

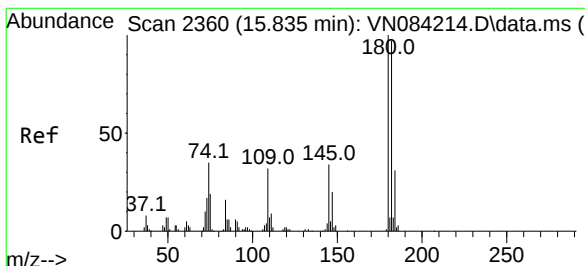
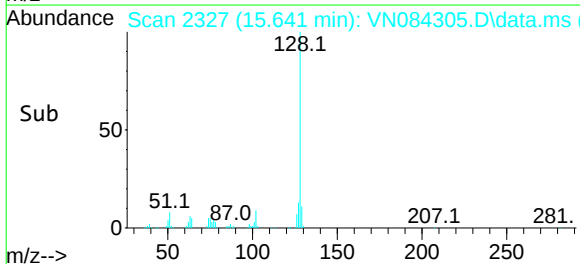
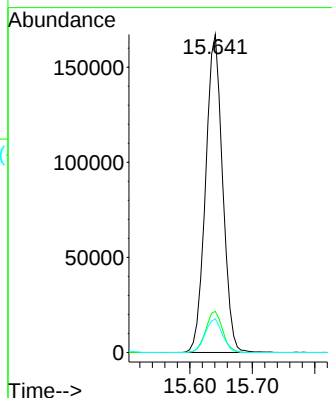
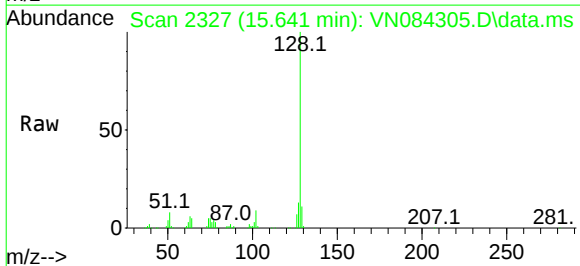
Tgt Ion:	128	Resp:	315917
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/04/2024

Supervised By :Mahesh Dadoda 10/04/2024



#96

1,2,3-Trichlorobenzene

Concen: 46.861 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084305.D

Acq: 03 Oct 2024 17:51

Tgt Ion:	180	Resp:	95541
Ion Ratio	Lower	Upper	
180	100		
182	95.3	48.2	144.6
145	33.8	17.3	51.9

