

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120224\
 Data File : VN085062.D
 Acq On : 02 Dec 2024 10:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:45:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	149622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	240269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	212656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111925	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	103493	48.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.120%
35) Dibromofluoromethane	8.159	113	82921	51.177	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	10.565	98	285401	49.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.847	95	112179	51.659	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	74073	43.782	ug/l	99
3) Chloromethane	2.359	50	75452	38.451	ug/l	95
4) Vinyl Chloride	2.512	62	74694	42.357	ug/l	97
5) Bromomethane	2.906	94	44732	45.257	ug/l	95
6) Chloroethane	3.077	64	51325	43.181	ug/l	95
7) Trichlorofluoromethane	3.477	101	138041	46.017	ug/l	97
8) Diethyl Ether	3.953	74	51993	50.923	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.353	101	80161	47.115	ug/l	98
10) Methyl Iodide	4.583	142	106426	47.257	ug/l	98
11) Tert butyl alcohol	5.530	59	60442	212.224	ug/l #	91
12) 1,1-Dichloroethene	4.330	96	73002	45.969	ug/l	97
13) Acrolein	4.171	56	64557	339.701	ug/l	95
14) Allyl chloride	5.012	41	121125	45.244	ug/l	99
15) Acrylonitrile	5.706	53	193042	239.411	ug/l	100
16) Acetone	4.418	43	178643	287.807	ug/l	99
17) Carbon Disulfide	4.700	76	164957	35.191	ug/l	96
18) Methyl Acetate	5.018	43	101587	51.234	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	276087	53.208	ug/l	100
20) Methylene Chloride	5.265	84	89313	47.154	ug/l	99
21) trans-1,2-Dichloroethene	5.777	96	75343	45.083	ug/l	86
22) Diisopropyl ether	6.665	45	272506	50.574	ug/l	96
23) Vinyl Acetate	6.594	43	964054	259.347	ug/l	100
24) 1,1-Dichloroethane	6.559	63	156154	48.428	ug/l	99
25) 2-Butanone	7.477	43	253128	249.436	ug/l	96
26) 2,2-Dichloropropane	7.483	77	148835	49.432	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	100216	49.743	ug/l	99
28) Bromochloromethane	7.806	49	55201	45.352	ug/l	92
29) Tetrahydrofuran	7.830	42	151165	239.537	ug/l	98
30) Chloroform	7.959	83	170911	49.829	ug/l	96
31) Cyclohexane	8.247	56	113139	39.852	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	150042	48.408	ug/l	99
36) 1,1-Dichloropropene	8.365	75	104665	47.690	ug/l	98
37) Ethyl Acetate	7.553	43	99630	49.935	ug/l	99
38) Carbon Tetrachloride	8.353	117	131526	51.919	ug/l	98
39) Methylcyclohexane	9.594	83	112144	49.174	ug/l	98
40) Benzene	8.600	78	343566	49.496	ug/l	100

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 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	58971	53.382	ug/l	99
42) 1,2-Dichloroethane	8.665	62	124673	52.501	ug/l	100
43) Isopropyl Acetate	8.682	43	177564	42.845	ug/l	98
44) Trichloroethene	9.347	130	79998	49.592	ug/l	95
45) 1,2-Dichloropropane	9.612	63	89292	52.228	ug/l	100
46) Dibromomethane	9.706	93	62455	52.572	ug/l	98
47) Bromodichloromethane	9.882	83	135845	53.953	ug/l	98
48) Methyl methacrylate	9.677	41	79781	51.732	ug/l	98
49) 1,4-Dioxane	9.694	88	28631	1070.529	ug/l #	90
51) 4-Methyl-2-Pentanone	10.441	43	496446	262.260	ug/l	99
52) Toluene	10.624	92	209621	51.012	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	136391	54.031	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	145642	54.385	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	86024	56.202	ug/l	99
56) Ethyl methacrylate	10.871	69	127054	56.807	ug/l	99
57) 1,3-Dichloropropane	11.159	76	142900	53.047	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	303708	276.824	ug/l	99
59) 2-Hexanone	11.194	43	381031	269.137	ug/l	100
60) Dibromochloromethane	11.359	129	105413	56.352	ug/l	98
61) 1,2-Dibromoethane	11.465	107	84169	53.135	ug/l	97
64) Tetrachloroethene	11.100	164	67094	46.823	ug/l	98
65) Chlorobenzene	11.888	112	233273	48.369	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	91511	53.892	ug/l	98
67) Ethyl Benzene	11.959	91	400681	51.209	ug/l	99
68) m/p-Xylenes	12.065	106	305702	102.623	ug/l	100
69) o-Xylene	12.394	106	148946	52.563	ug/l	99
70) Styrene	12.406	104	257948	54.739	ug/l	99
71) Bromoform	12.576	173	70832	56.196	ug/l #	98
73) Isopropylbenzene	12.694	105	375499	47.556	ug/l	99
74) N-amyl acetate	12.488	43	154710	47.549	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	120264	44.604	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	107515m	52.811	ug/l	
77) Bromobenzene	12.976	156	98097	46.167	ug/l	100
78) n-propylbenzene	13.029	91	439164	48.221	ug/l	100
79) 2-Chlorotoluene	13.123	91	287333	47.262	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	332065	50.118	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	43285m	46.936	ug/l	
82) 4-Chlorotoluene	13.217	91	290839	45.954	ug/l	100
83) tert-Butylbenzene	13.435	119	277206	48.626	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	340363	49.905	ug/l	99
85) sec-Butylbenzene	13.612	105	384595	49.941	ug/l	99
86) p-Isopropyltoluene	13.723	119	333450	52.452	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	188222	44.910	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	185519	43.376	ug/l	99
89) n-Butylbenzene	14.053	91	282555	47.794	ug/l	99
90) Hexachloroethane	14.329	117	66073	47.682	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	179645	44.731	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	22826	43.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	96536	44.246	ug/l	98
94) Hexachlorobutadiene	15.500	225	44096	43.792	ug/l	99
95) Naphthalene	15.635	128	288127	46.366	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	98063	47.104	ug/l	99

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ClientSampleId :
VSTDCCC050

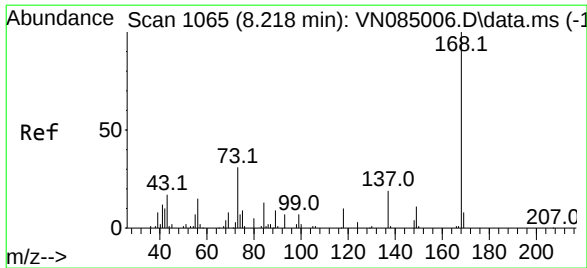
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:45:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration

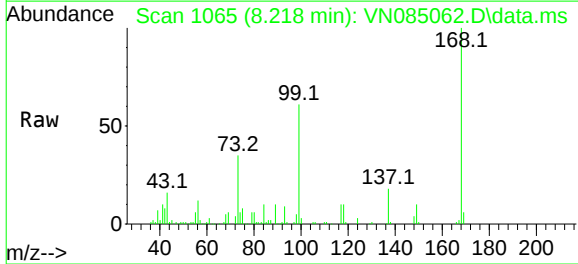
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

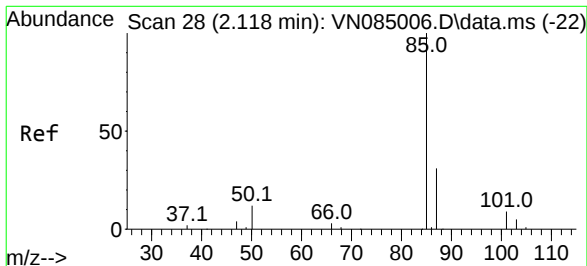
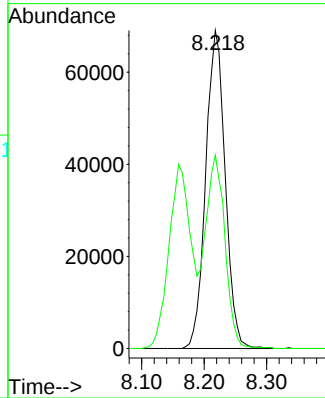
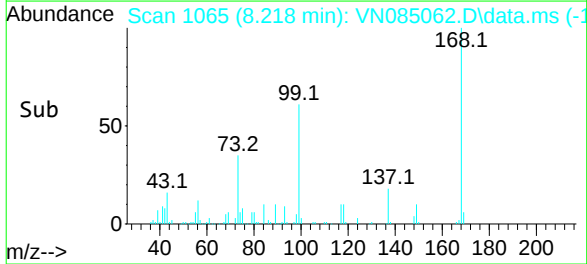
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 168 Resp: 149622
Ion Ratio Lower Upper
168 100
99 60.8 51.2 76.8

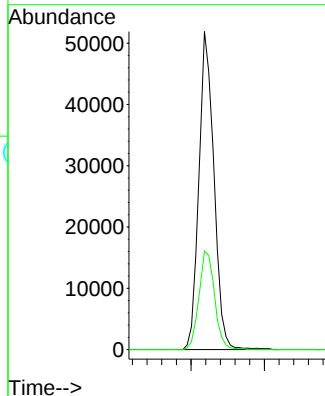
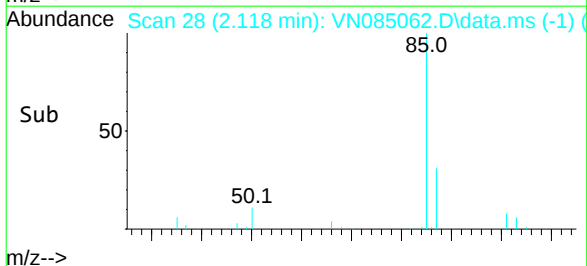
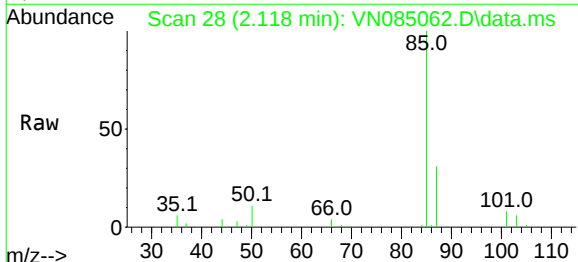
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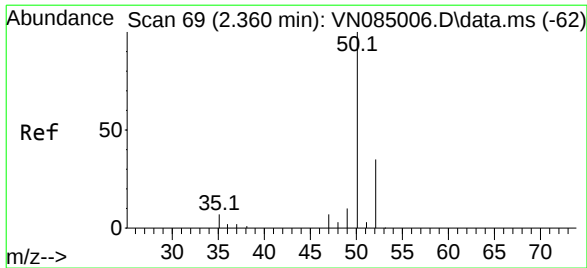
Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024



#2
Dichlorodifluoromethane
Concen: 43.782 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

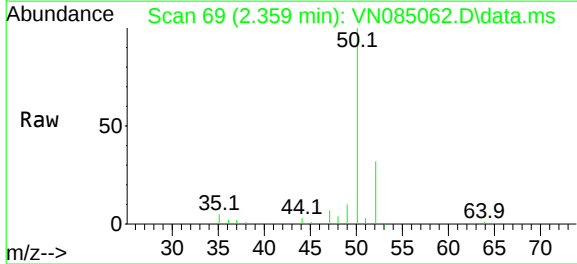
Tgt Ion: 85 Resp: 74073
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.1





#3
Chloromethane
Concen: 38.451 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

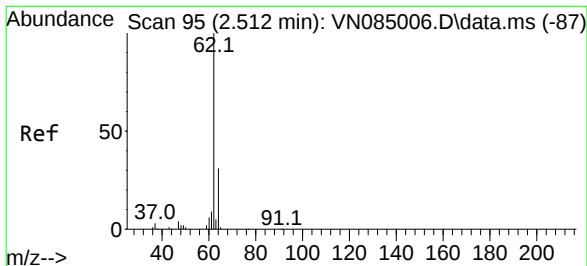
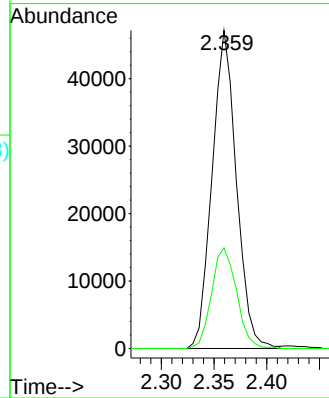
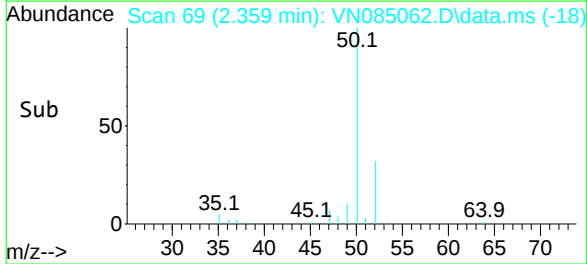
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 75452
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.8

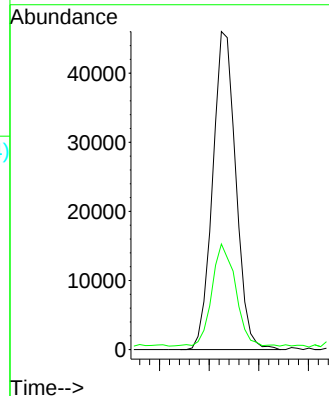
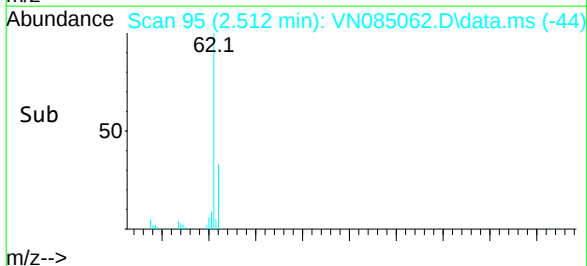
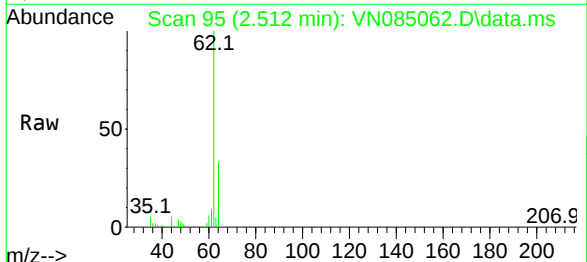
Manual Integrations
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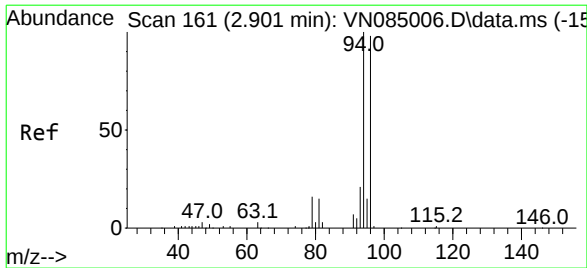
Reviewed By :John Carlone 12/03/2024
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#4
Vinyl Chloride
Concen: 42.357 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 62 Resp: 74694
Ion Ratio Lower Upper
62 100
64 32.1 24.6 36.8





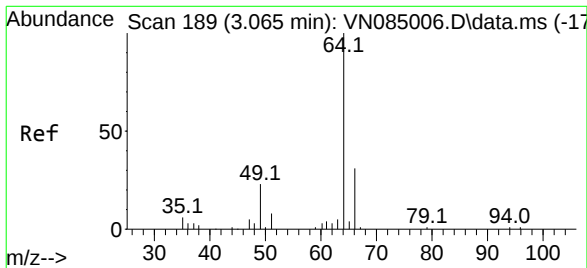
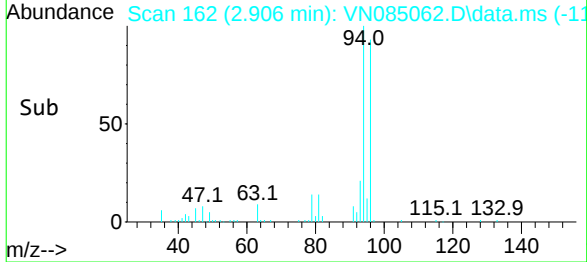
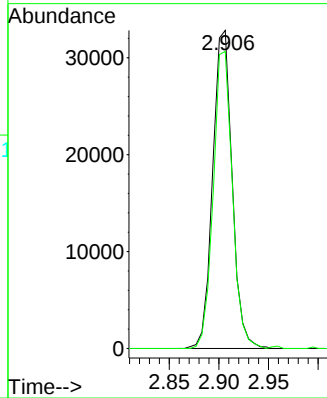
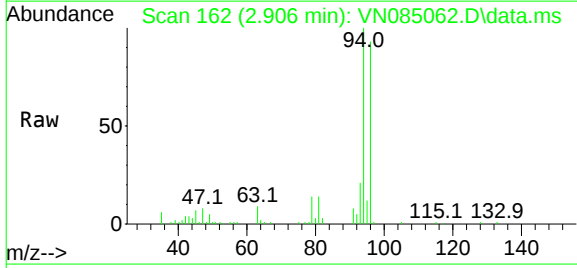
#5
Bromomethane
Concen: 45.257 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 44732
Ion Ratio Lower Upper
94 100
96 93.4 78.7 118.1

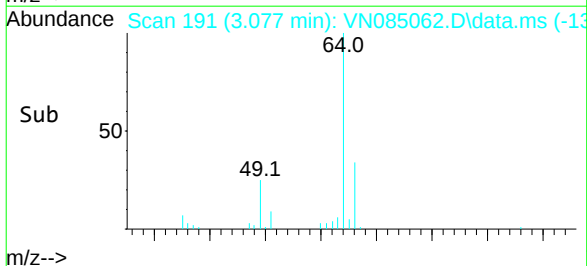
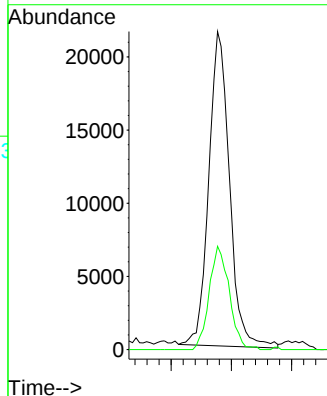
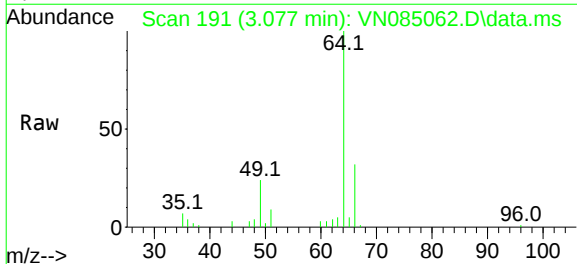
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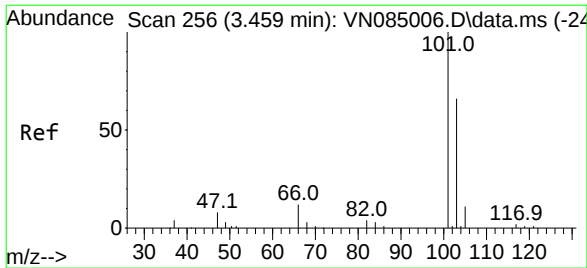
Reviewed By :John Carlone 12/03/2024
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#6
Chloroethane
Concen: 43.181 ug/l
RT: 3.077 min Scan# 191
Delta R.T. 0.012 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

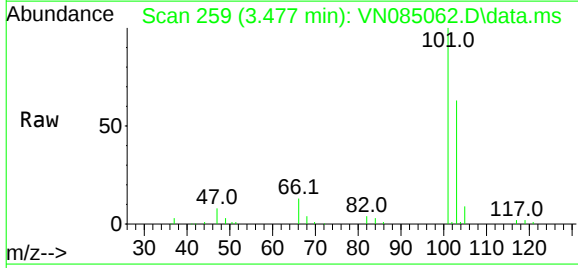
Tgt Ion: 64 Resp: 51325
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 46.017 ug/l
 RT: 3.477 min Scan# 256
 Delta R.T. 0.018 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

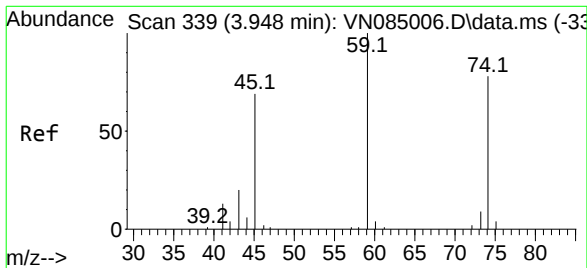
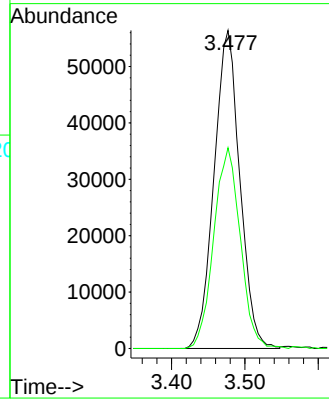
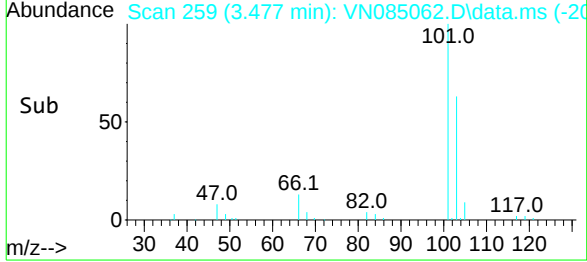
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 138041
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.6 78.8

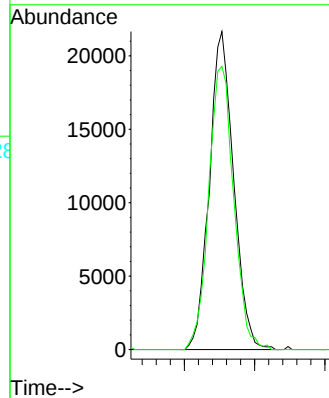
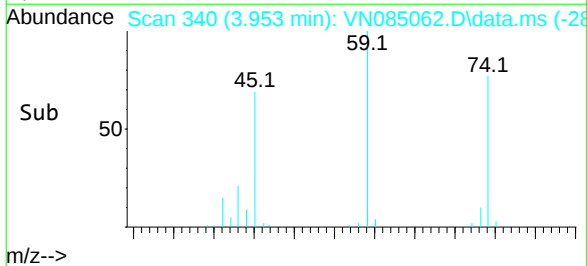
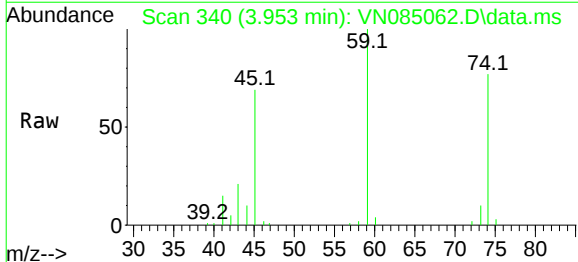
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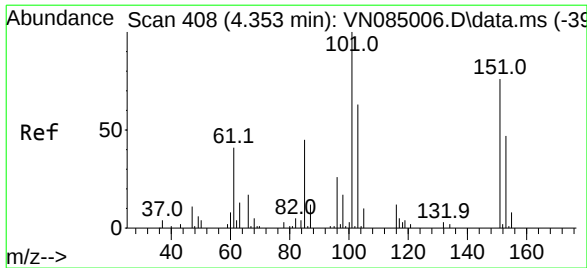
Reviewed By :John Carlone 12/03/2024
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#8
 Diethyl Ether
 Concen: 50.923 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.006 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

Tgt Ion: 74 Resp: 51993
 Ion Ratio Lower Upper
 74 100
 45 91.8 46.7 140.1





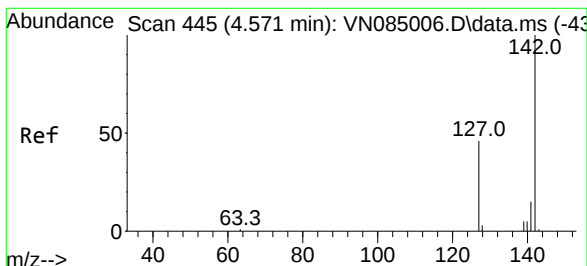
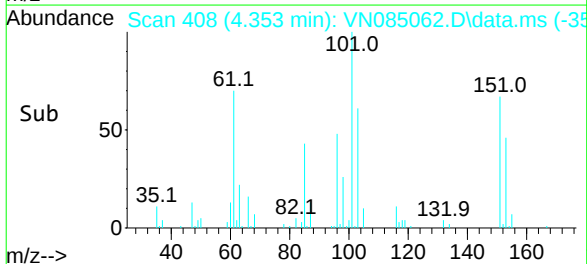
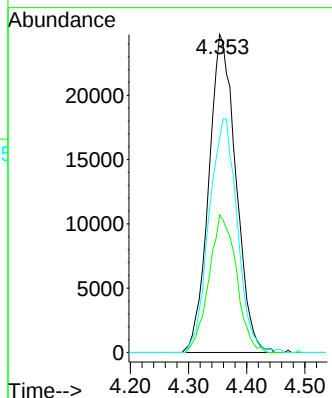
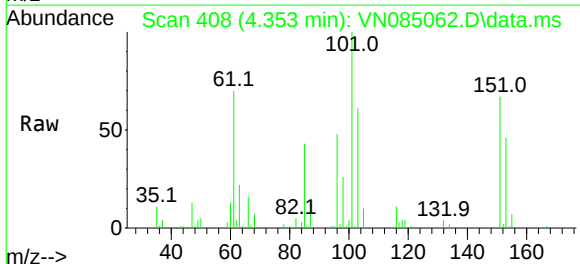
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.115 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	101	Resp:	80161
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.9	55.3
151	76.5	60.8	91.2

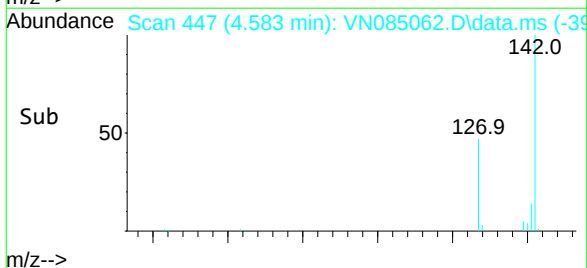
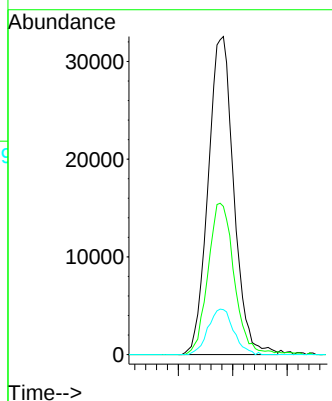
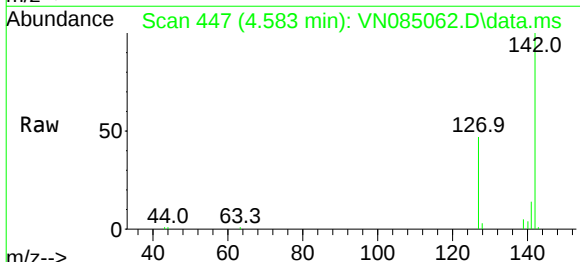
Manual Integrations
APPROVED

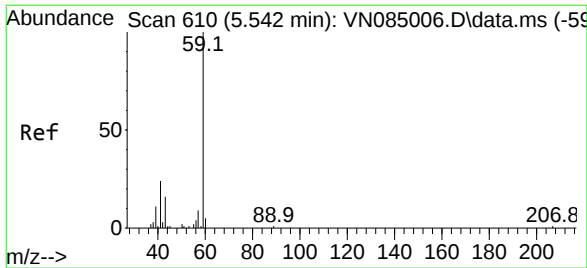
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#10
Methyl Iodide
Concen: 47.257 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

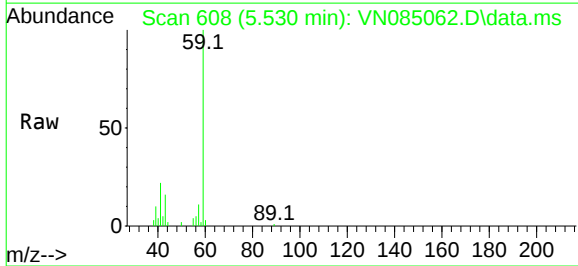
Tgt Ion:	142	Resp:	106426
Ion Ratio	Lower	Upper	
142	100		
127	46.6	36.6	54.8
141	14.1	12.2	18.4





#11
Tert butyl alcohol
Concen: 212.224 ug/l
RT: 5.530 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

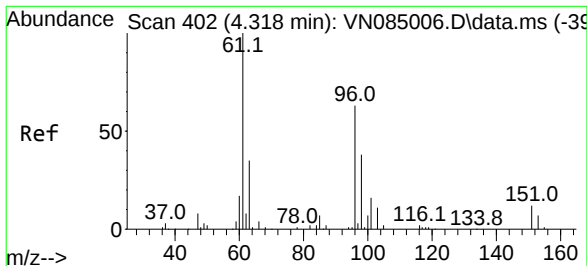
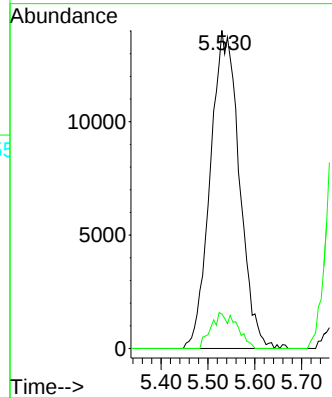
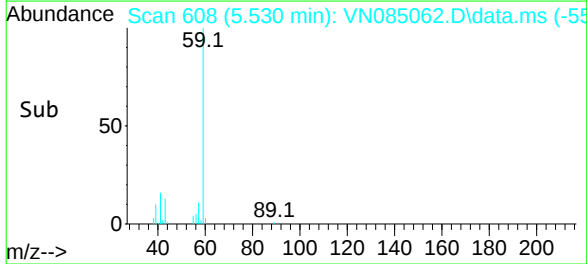
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



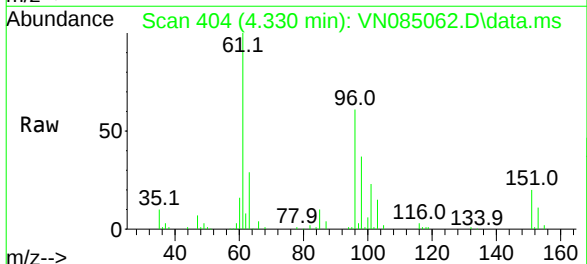
Tgt Ion: 59 Resp: 60442
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#

Manual Integrations
APPROVED

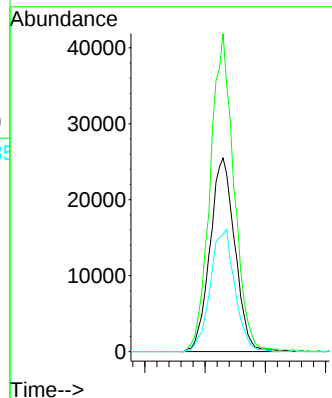
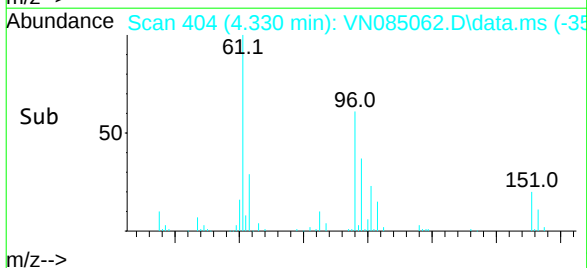
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

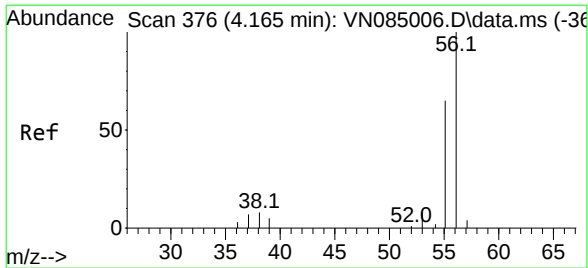


#12
1,1-Dichloroethene
Concen: 45.969 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.012 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31



Tgt Ion: 96 Resp: 73002
Ion Ratio Lower Upper
96 100
61 164.4 127.8 191.8
98 60.6 49.2 73.8





#13

Acrolein

Concen: 339.701 ug/l

RT: 4.171 min Scan# 37

Delta R.T. 0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

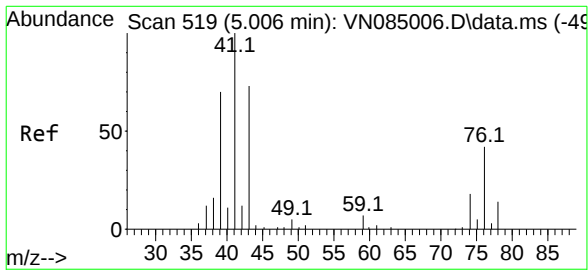
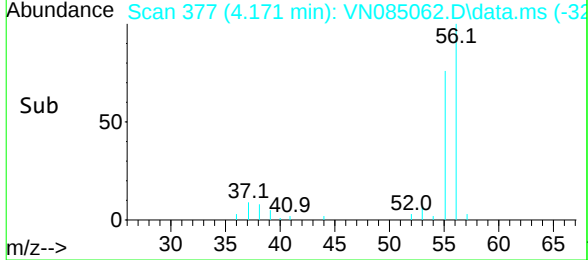
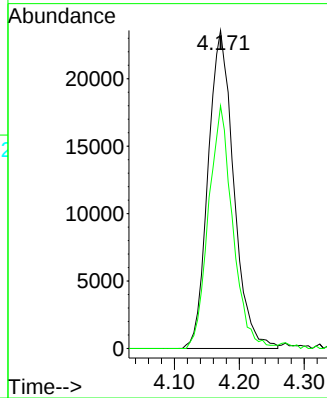
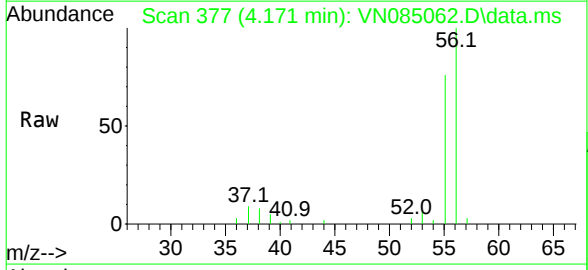
Tgt Ion:	56	Resp:	64557
Ion	Ratio	Lower	Upper
56	100		
55	71.9	54.5	81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#14

Allyl chloride

Concen: 45.244 ug/l

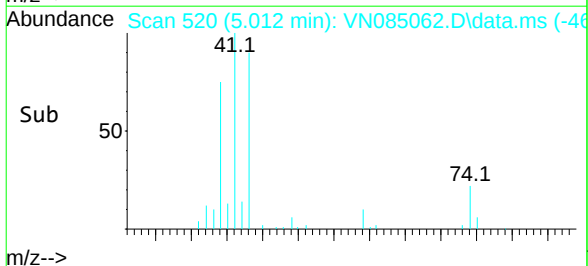
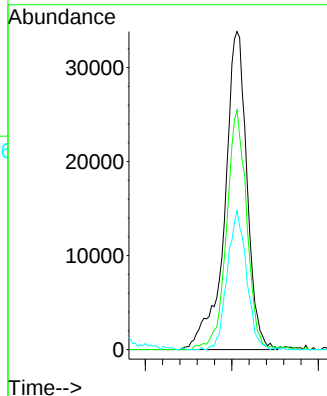
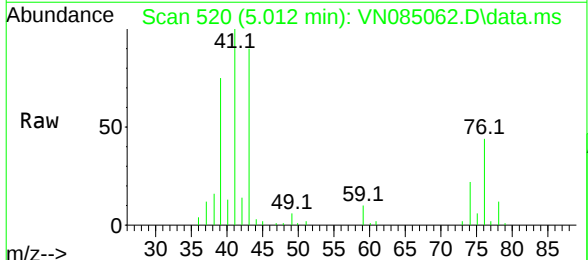
RT: 5.012 min Scan# 520

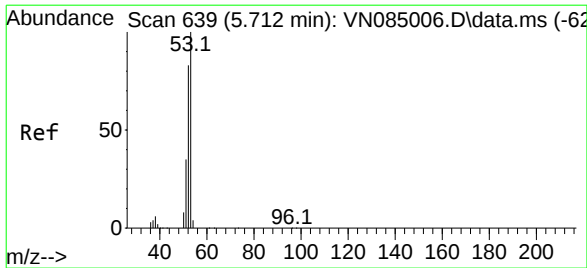
Delta R.T. 0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Tgt Ion:	41	Resp:	121125
Ion	Ratio	Lower	Upper
41	100		
39	68.1	53.8	80.8
76	37.6	29.3	43.9





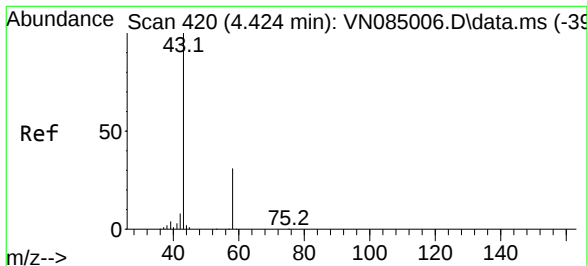
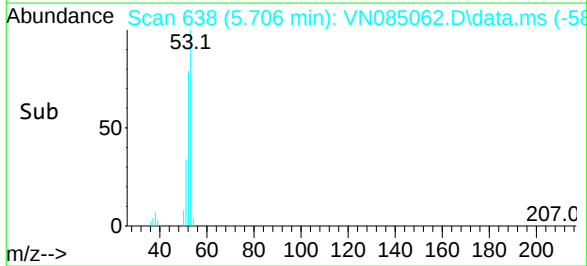
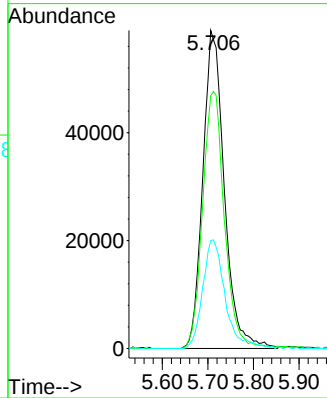
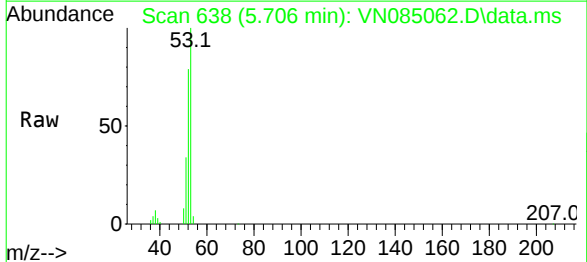
#15
Acrylonitrile
Concen: 239.411 ug/l
RT: 5.706 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 193042
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 35.8 28.4 42.6

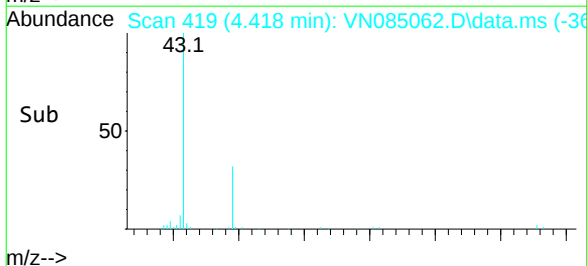
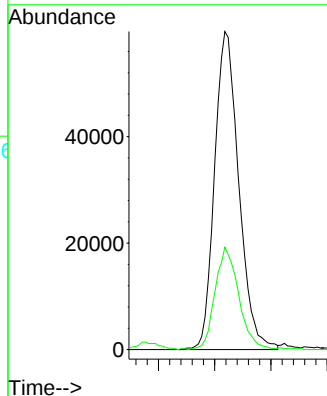
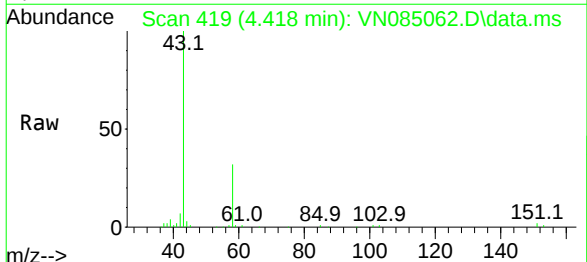
Manual Integrations
APPROVED

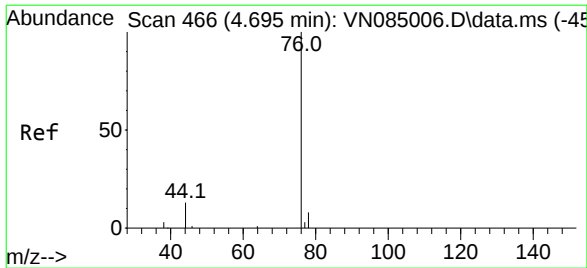
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#16
Acetone
Concen: 287.807 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 43 Resp: 178643
Ion Ratio Lower Upper
43 100
58 32.2 25.4 38.2





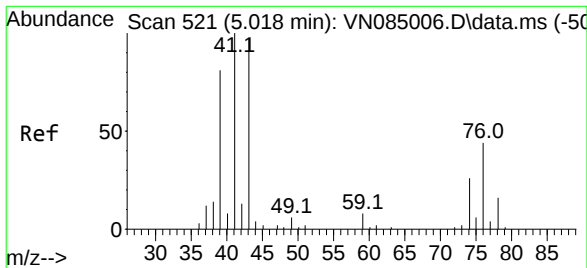
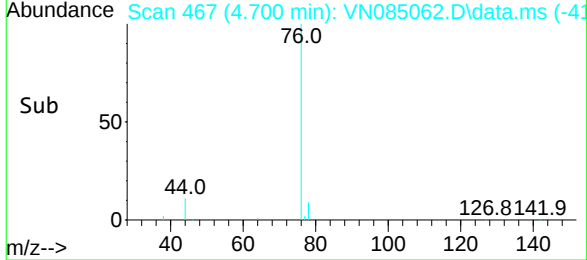
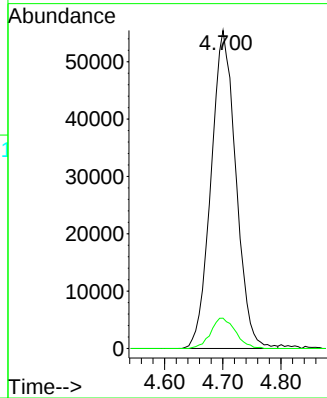
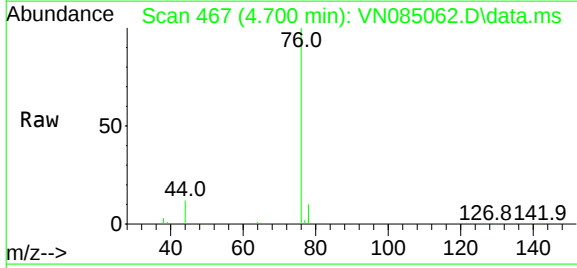
#17
Carbon Disulfide
Concen: 35.191 ug/l
RT: 4.700 min Scan# 466
Delta R.T. 0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 164957
Ion Ratio Lower Upper
76 100
78 9.5 6.5 9.7

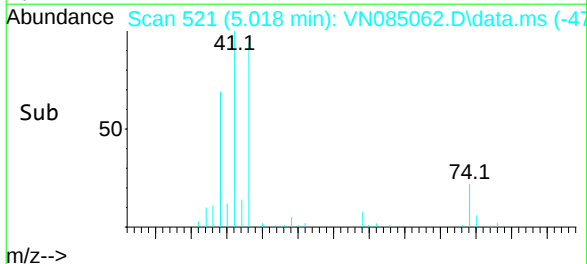
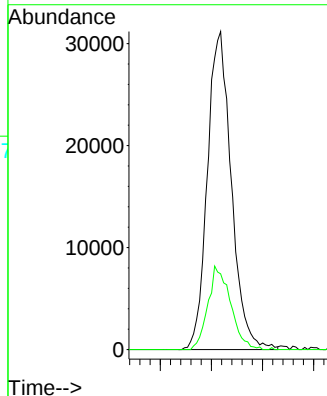
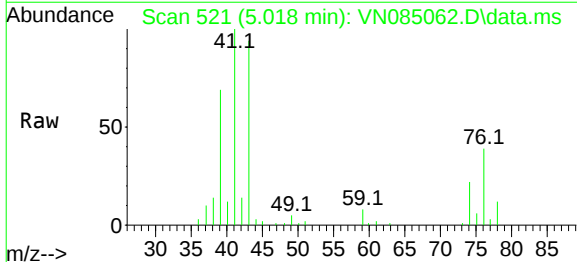
Manual Integrations
APPROVED

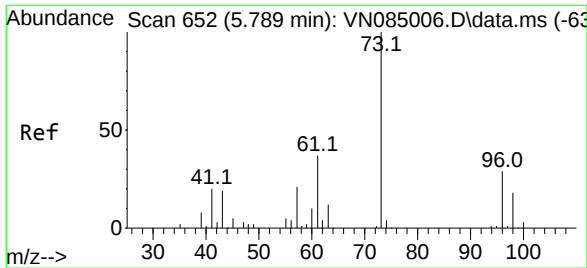
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#18
Methyl Acetate
Concen: 51.234 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 43 Resp: 101587
Ion Ratio Lower Upper
43 100
74 24.8 20.1 30.1





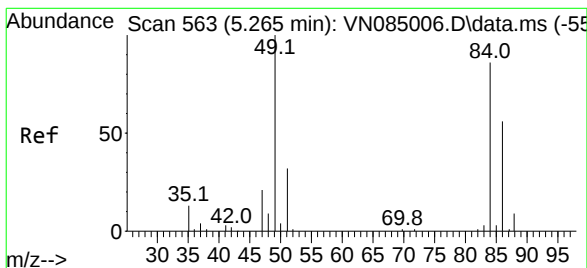
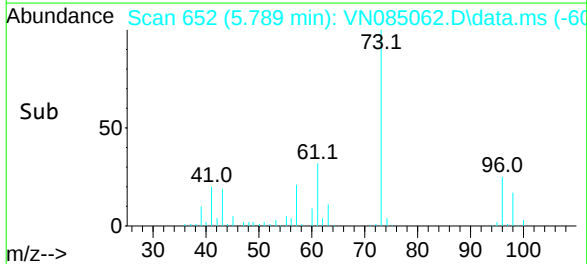
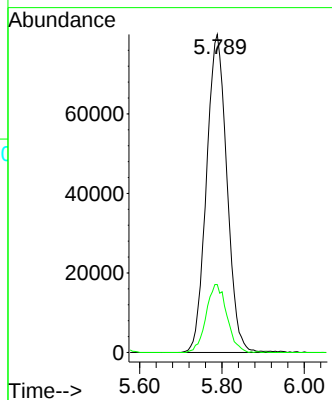
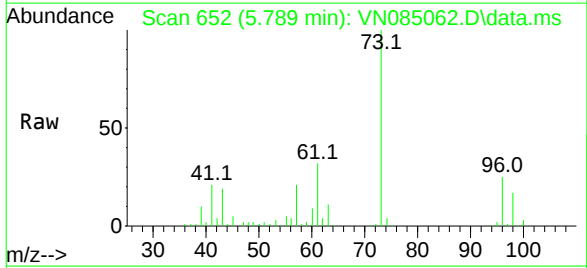
#19
Methyl tert-butyl Ether
Concen: 53.208 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 276087
Ion Ratio Lower Upper
73 100
57 21.4 17.0 25.4

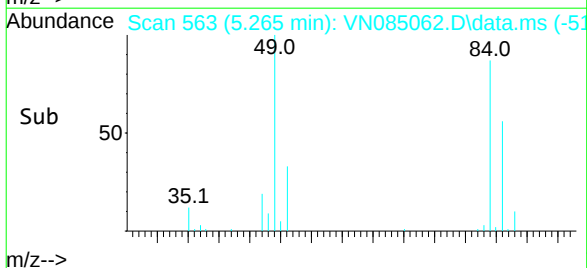
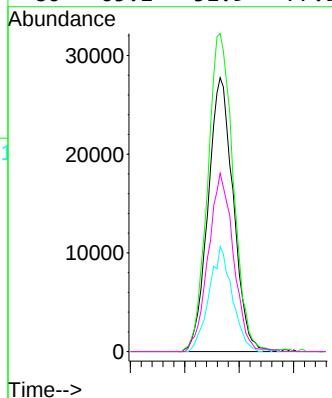
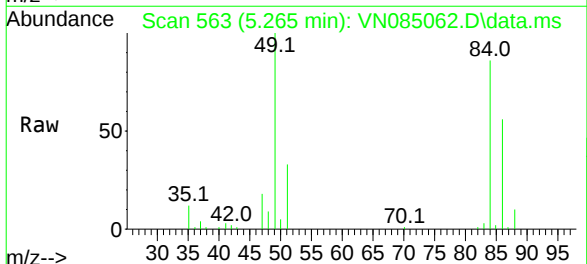
Manual Integrations
APPROVED

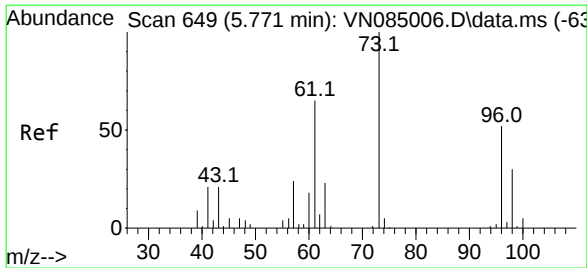
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#20
Methylene Chloride
Concen: 47.154 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 84 Resp: 89313
Ion Ratio Lower Upper
84 100
49 116.1 92.7 139.1
51 38.3 29.4 44.2
86 65.1 51.9 77.9





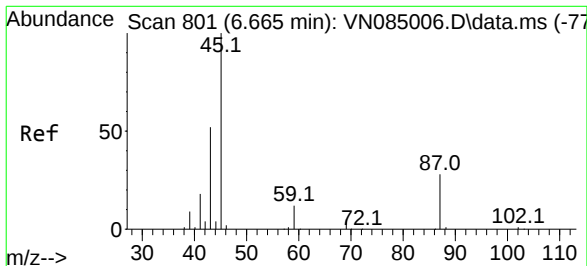
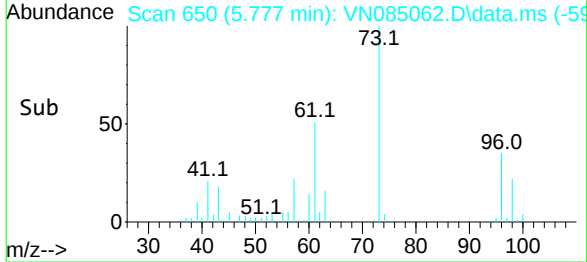
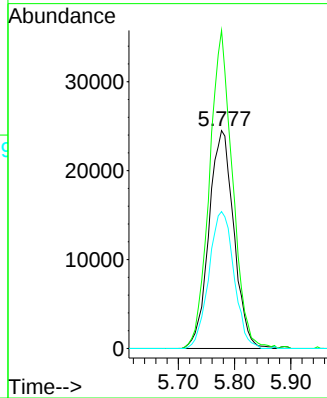
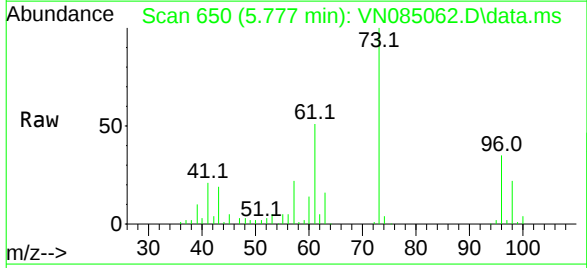
#21
trans-1,2-Dichloroethene
Concen: 45.083 ug/l
RT: 5.777 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 75343
Ion Ratio Lower Upper
96 100
61 146.0 100.7 151.1
98 62.8 45.8 68.6

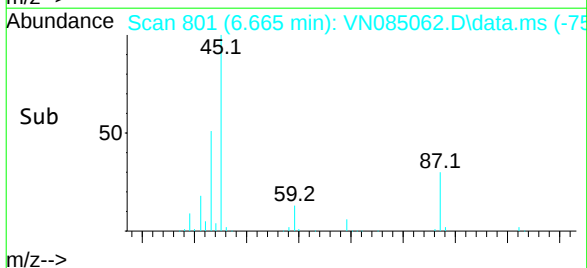
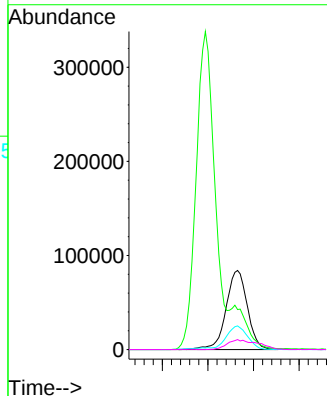
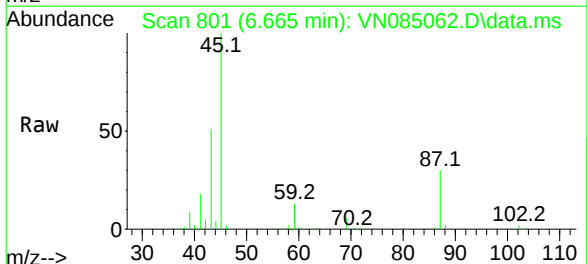
Manual Integrations
APPROVED

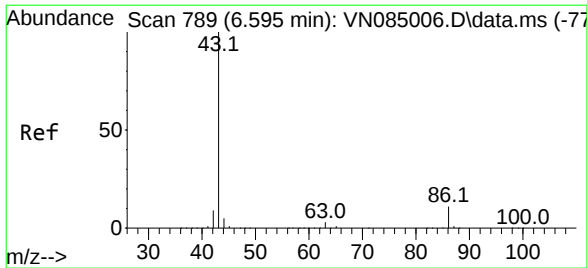
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#22
Diisopropyl ether
Concen: 50.574 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 45 Resp: 272506
Ion Ratio Lower Upper
45 100
43 49.4 42.7 64.1
87 29.7 22.6 34.0
59 12.4 9.9 14.9





#23

Vinyl Acetate

Concen: 259.347 ug/l

RT: 6.594 min Scan# 789

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 964054

Ion Ratio Lower Upper

43 100

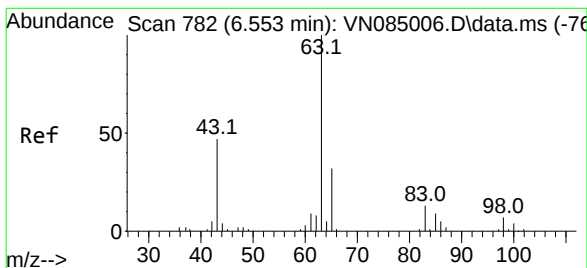
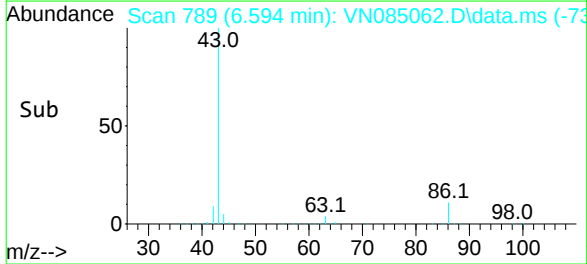
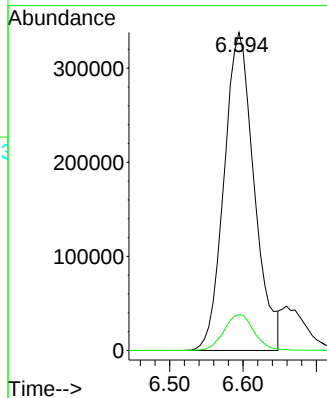
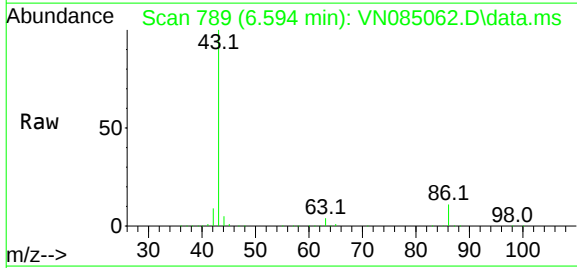
86 11.2 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#24

1,1-Dichloroethane

Concen: 48.428 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

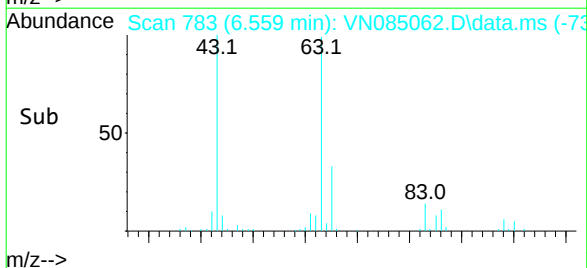
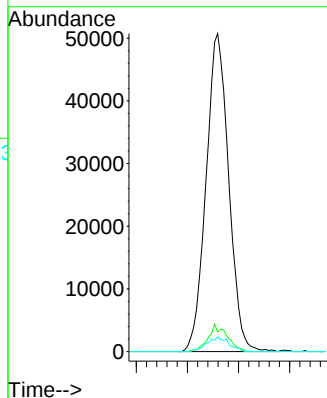
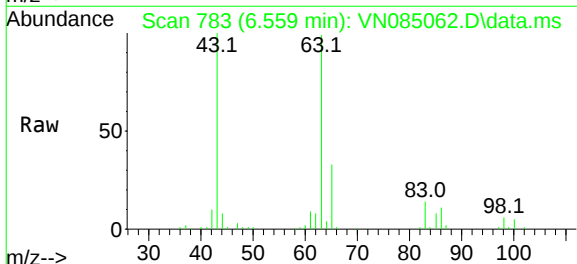
Tgt Ion: 63 Resp: 156154

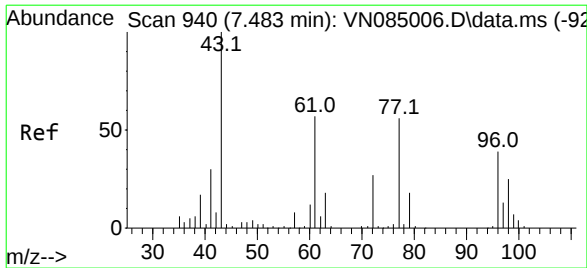
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.6 2.2 6.6





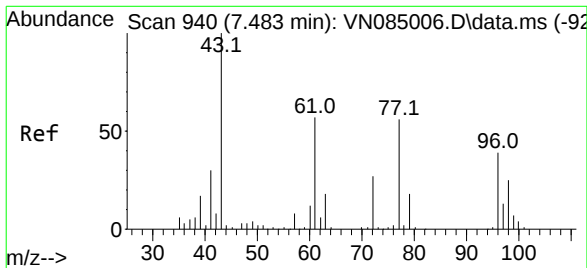
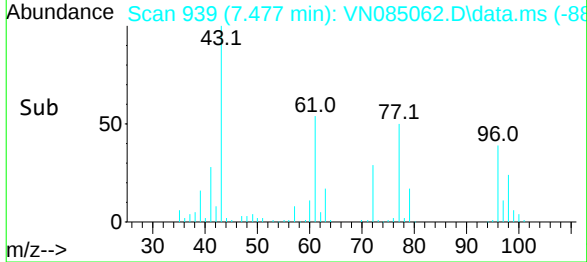
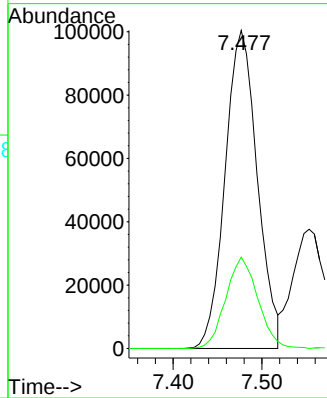
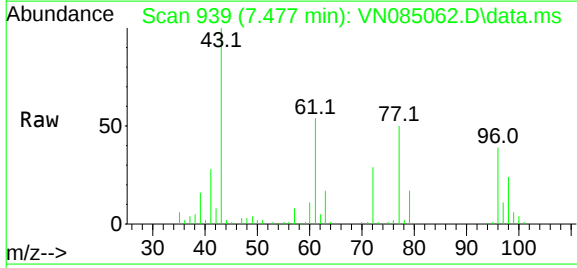
#25
2-Butanone
Concen: 249.436 ug/l
RT: 7.477 min Scan# 93
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 253128
Ion Ratio Lower Upper
43 100
72 28.7 21.4 32.0

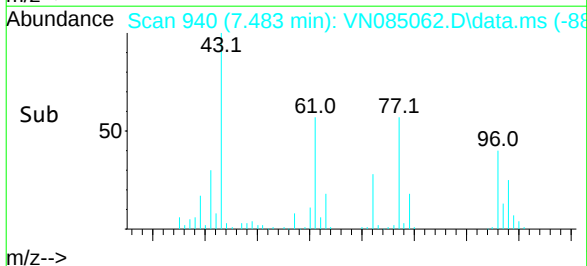
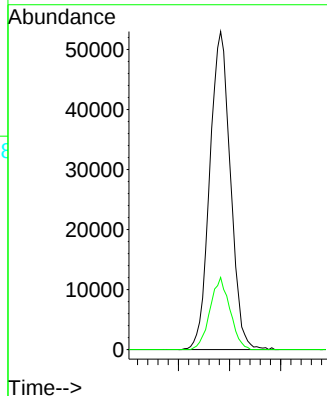
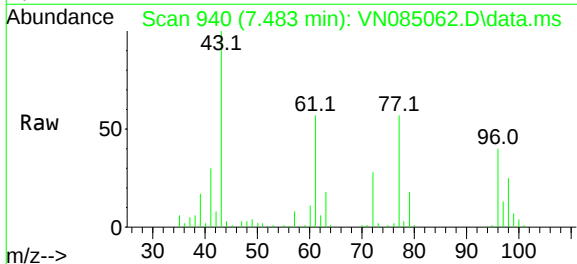
Manual Integrations
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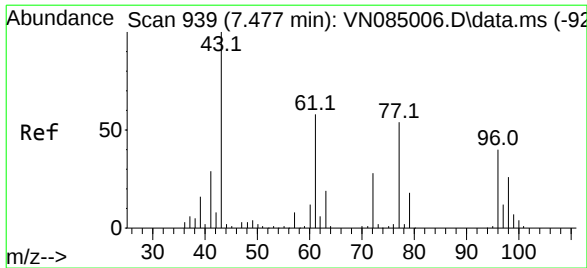
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#26
2,2-Dichloropropane
Concen: 49.432 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

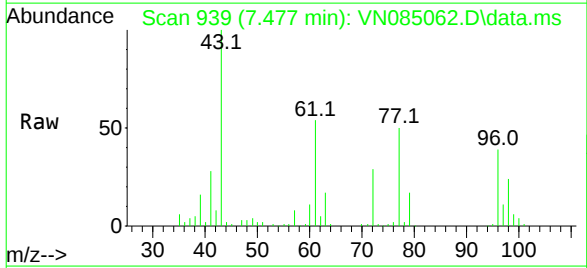
Tgt Ion: 77 Resp: 148835
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 49.743 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

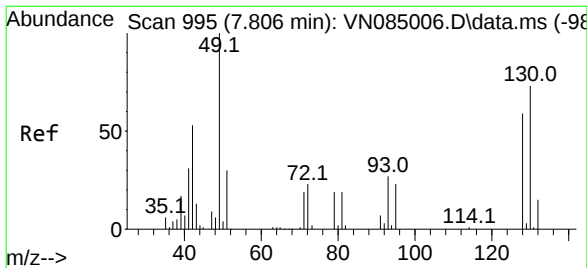
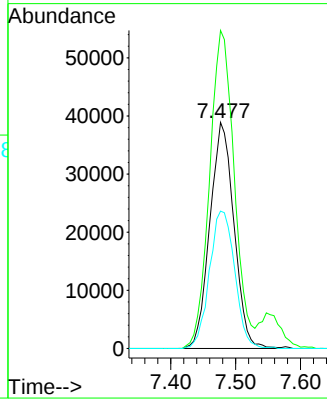
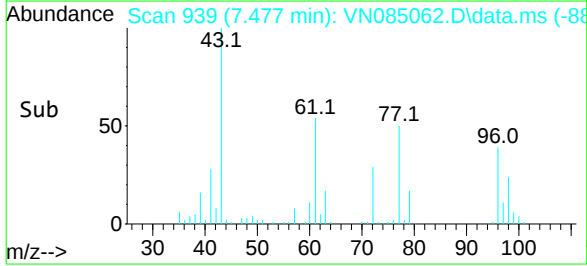
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 100216
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 291.6
 98 64.0 0.0 129.8

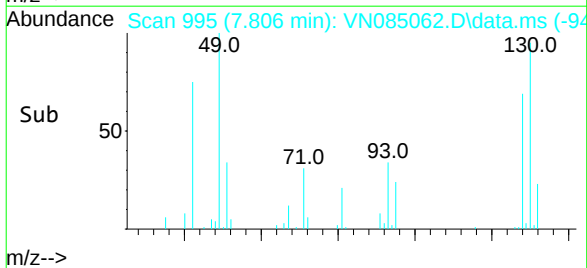
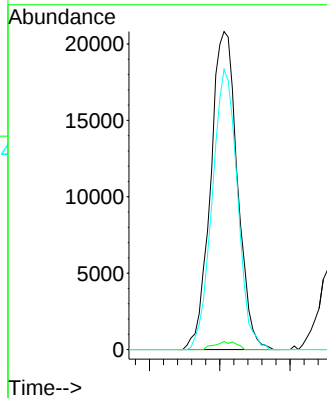
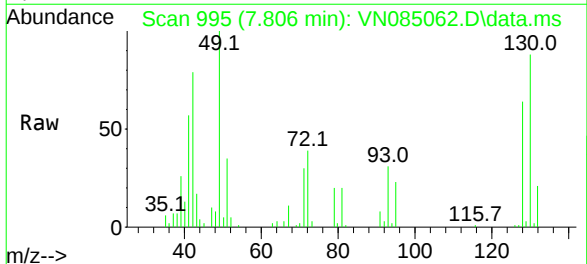
Manual Integrations
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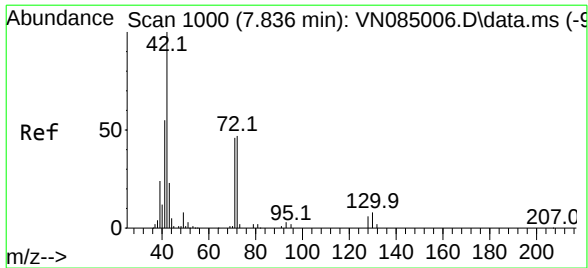
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#28
 Bromochloromethane
 Concen: 45.352 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

Tgt Ion: 49 Resp: 55201
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 82.8 60.6 90.8





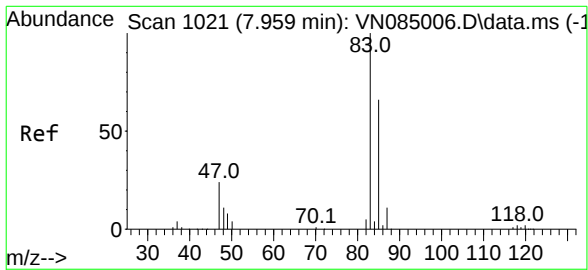
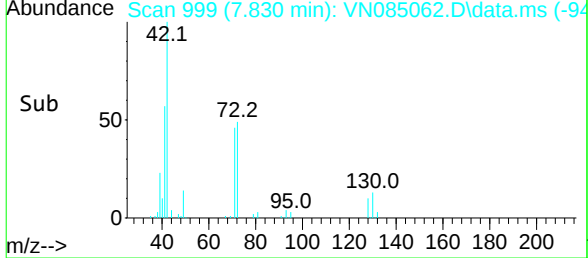
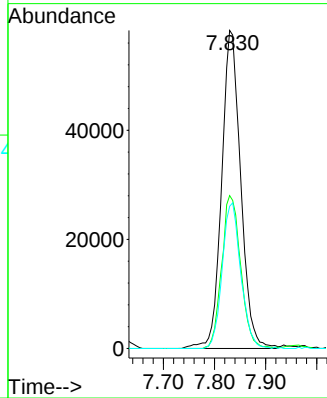
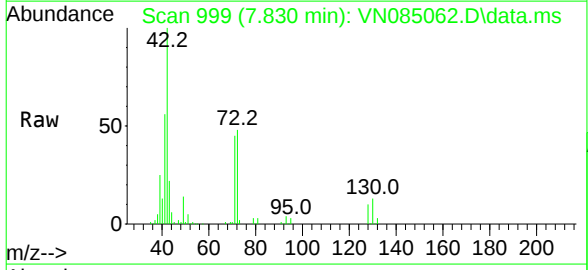
#29
Tetrahydrofuran
Concen: 239.537 ug/l
RT: 7.830 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 151165
Ion Ratio Lower Upper
42 100
72 47.8 37.0 55.4
71 44.5 35.0 52.4

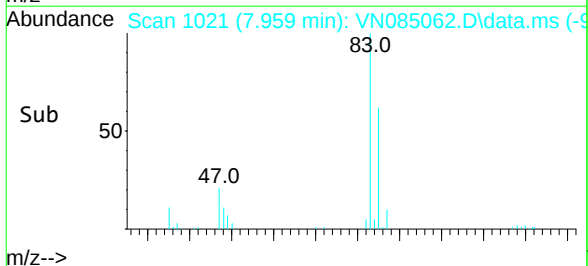
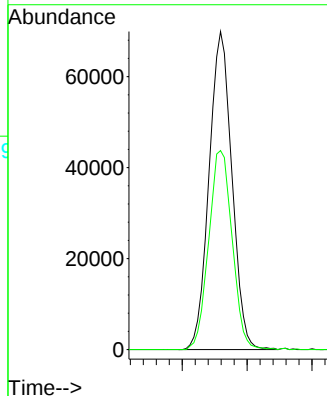
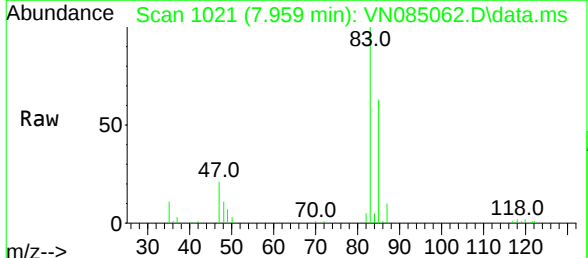
Manual Integrations
APPROVED

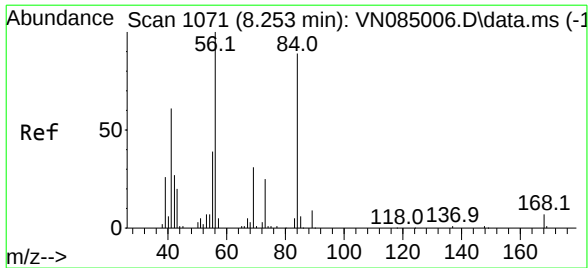
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#30
Chloroform
Concen: 49.829 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

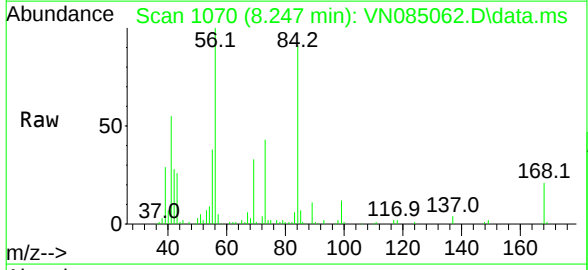
Tgt Ion: 83 Resp: 170911
Ion Ratio Lower Upper
83 100
85 62.6 52.6 78.8





#31
Cyclohexane
Concen: 39.852 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

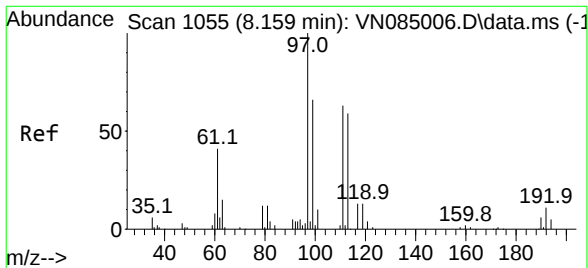
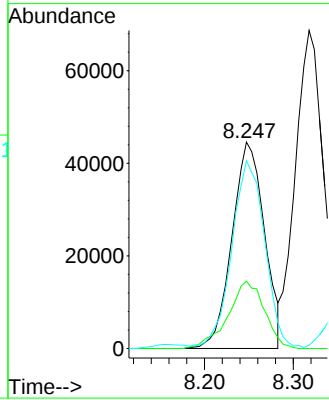
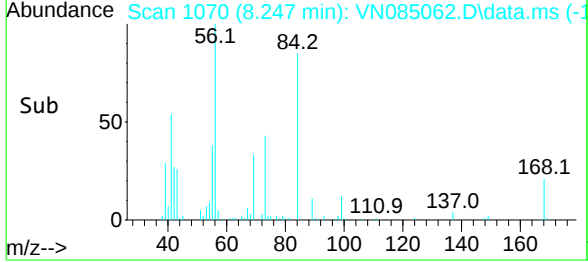
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



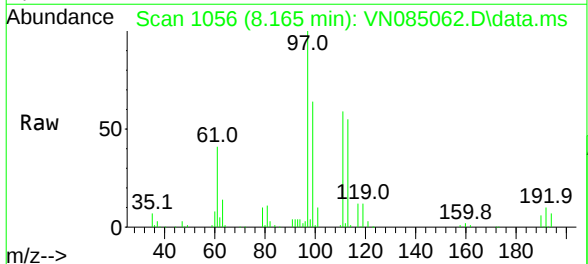
Tgt Ion: 56 Resp: 113139
Ion Ratio Lower Upper
56 100
69 32.6 24.6 36.8
84 89.3 71.4 107.2

Manual Integrations
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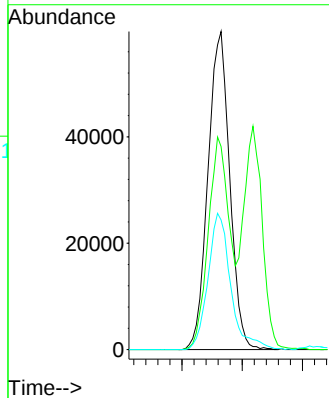
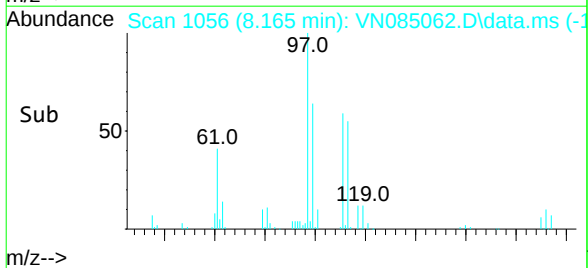
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

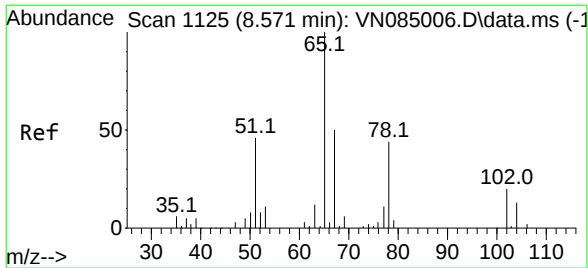


#32
1,1,1-Trichloroethane
Concen: 48.408 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31



Tgt Ion: 97 Resp: 150042
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 44.8 36.2 54.2





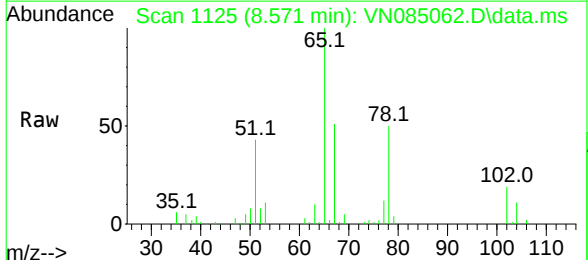
#33
 1,2-Dichloroethane-d4
 Concen: 48.560 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

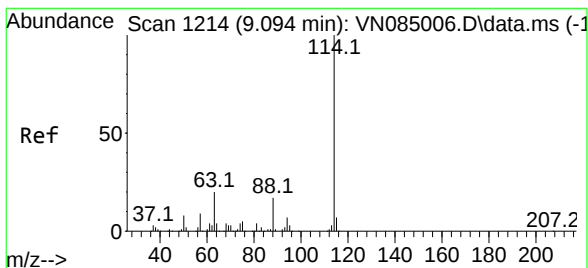
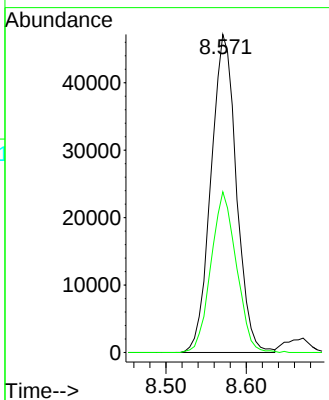
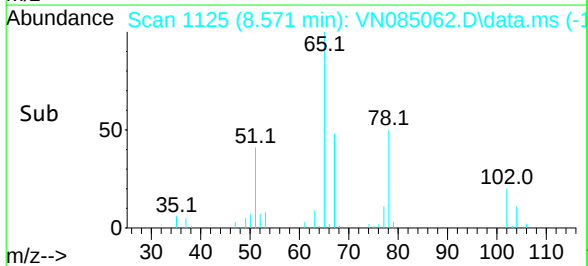
VSTDCCC050



Tgt Ion: 65 Resp: 103493
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 105.0

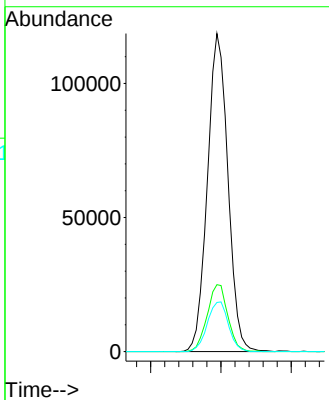
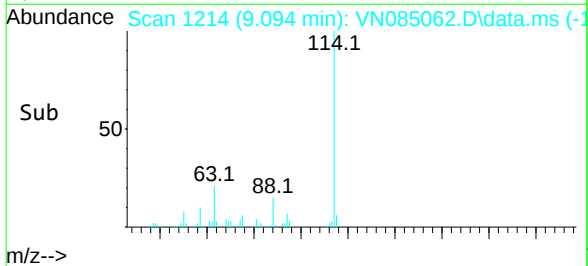
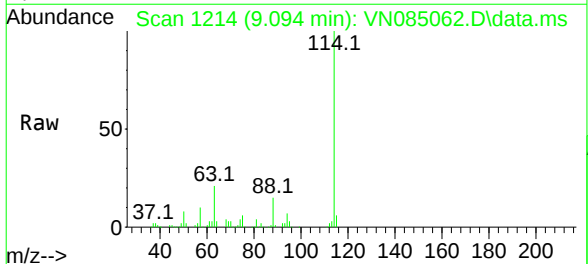
Manual Integrations
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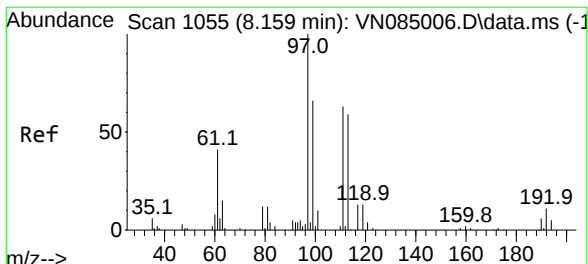
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

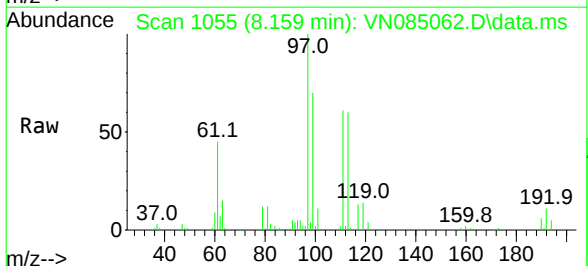
Tgt Ion:114 Resp: 240269
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.0
 88 15.5 0.0 34.8





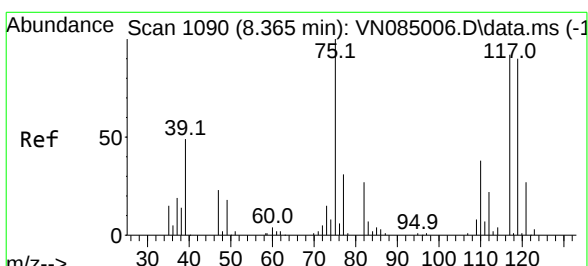
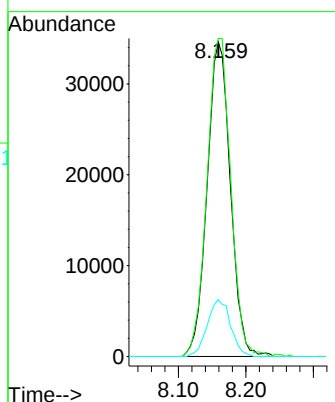
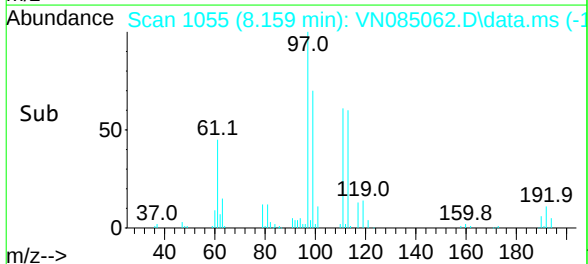
#35
 Dibromofluoromethane
 Concen: 51.177 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

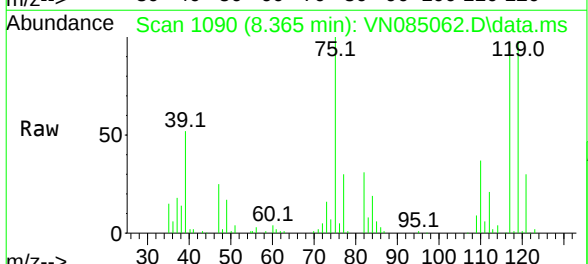


Tgt Ion:	113	Resp:	82921
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	18.1	14.8	22.2

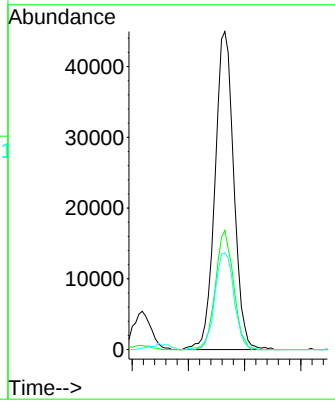
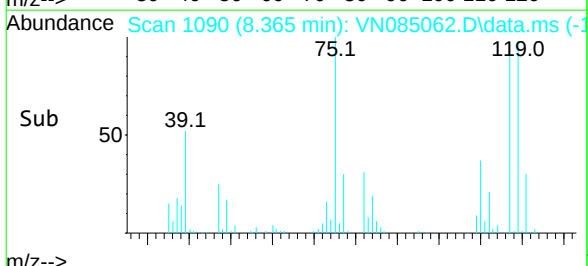
Manual Integrations
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 Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

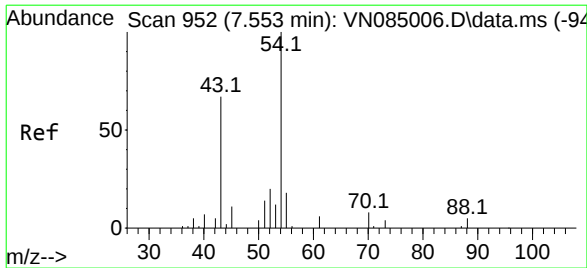


#36
 1,1-Dichloropropene
 Concen: 47.690 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31



Tgt Ion:	75	Resp:	104665
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.2	51.6
77	31.5	24.2	36.4





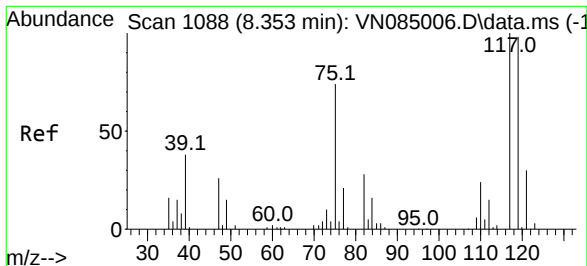
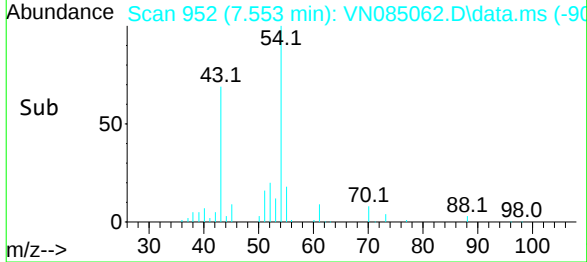
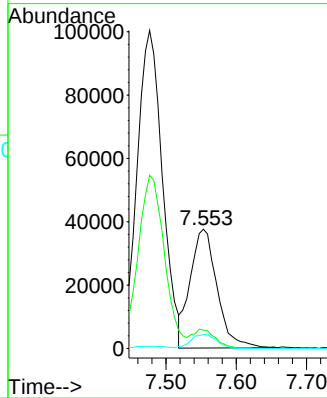
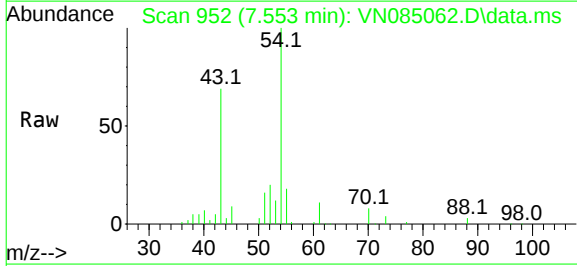
#37
Ethyl Acetate
Concen: 49.935 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 99630
Ion Ratio Lower Upper
43 100
61 14.1 11.7 17.5
70 11.4 9.3 13.9

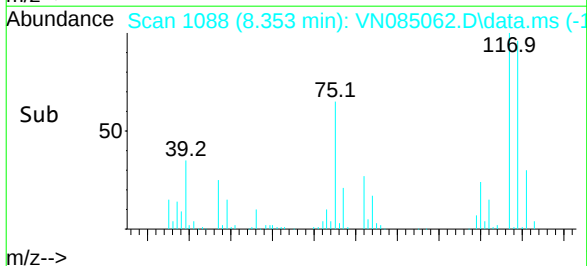
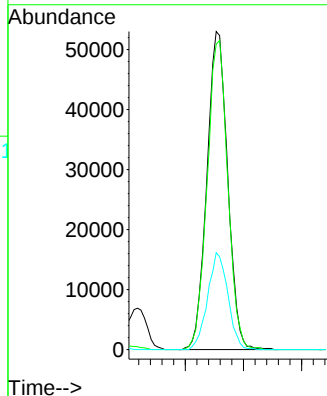
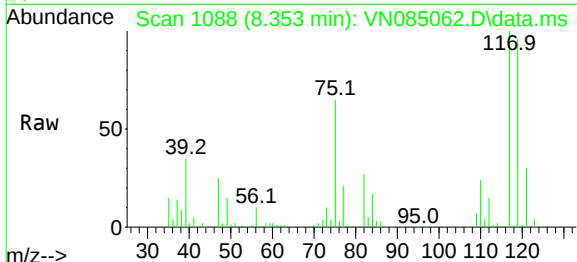
Manual Integrations
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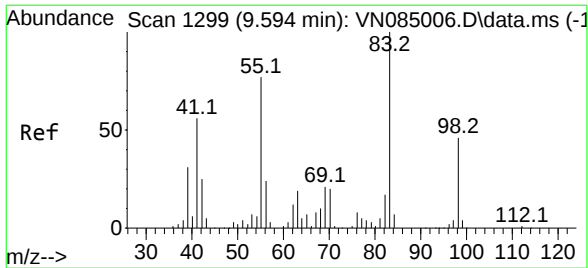
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#38
Carbon Tetrachloride
Concen: 51.919 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

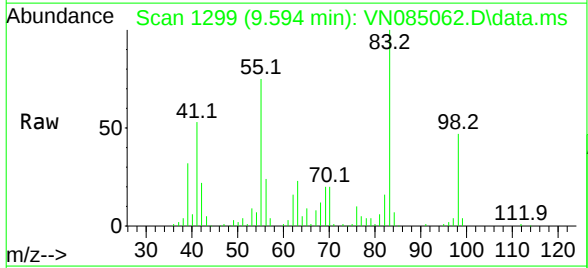
Tgt Ion:117 Resp: 131526
Ion Ratio Lower Upper
117 100
119 96.0 78.6 117.8
121 30.5 24.2 36.2





#39
Methylcyclohexane
Concen: 49.174 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

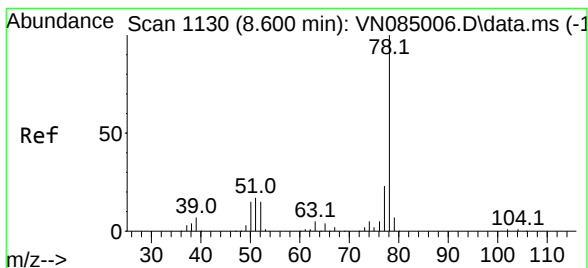
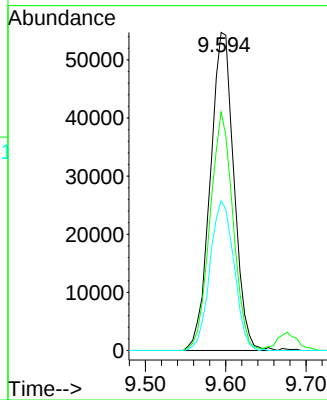
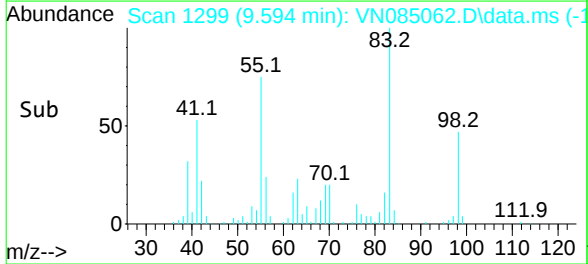
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 112144
Ion Ratio Lower Upper
83 100
55 75.0 61.8 92.6
98 47.1 37.0 55.6

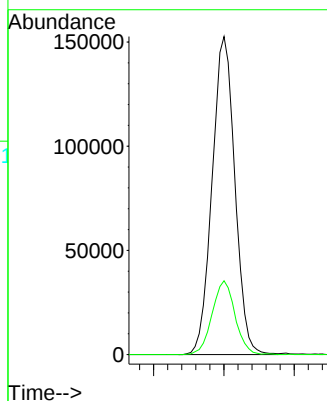
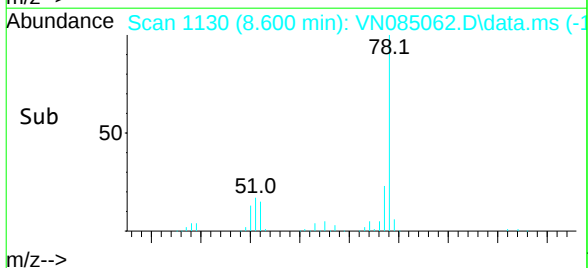
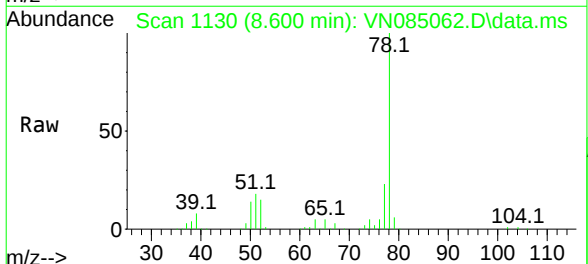
Manual Integrations
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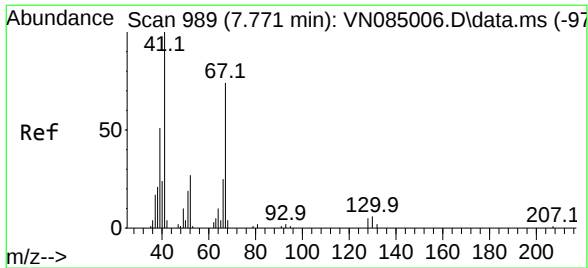
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#40
Benzene
Concen: 49.496 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 78 Resp: 343566
Ion Ratio Lower Upper
78 100
77 23.2 18.5 27.7





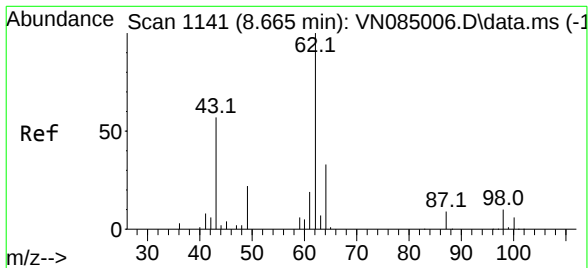
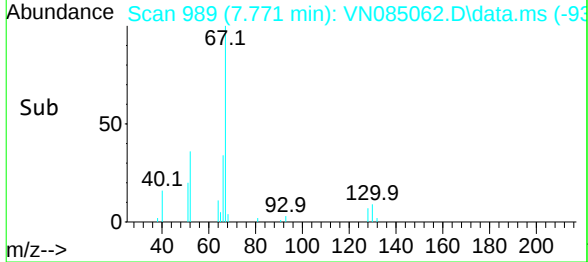
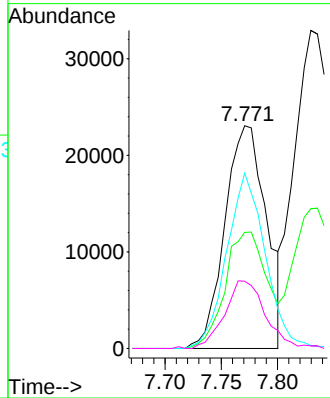
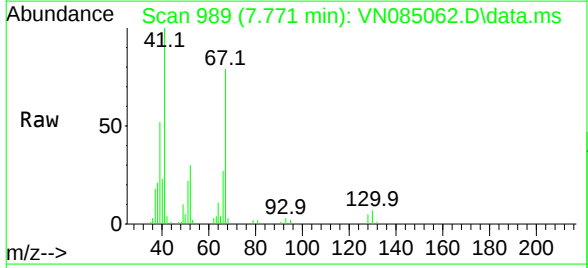
#41
Methacrylonitrile
Concen: 53.382 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 58971
Ion Ratio	Lower Upper
41 100	
39 52.9	42.6 63.8
67 73.8	59.9 89.9
52 30.0	24.8 37.2

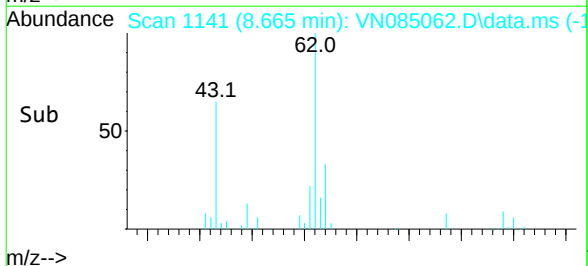
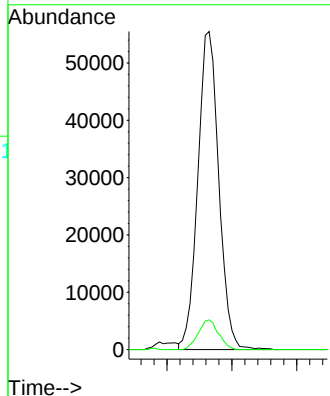
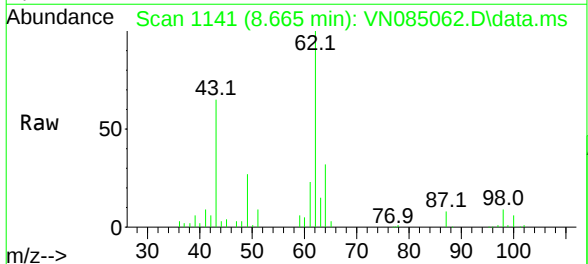
Manual Integrations
APPROVED

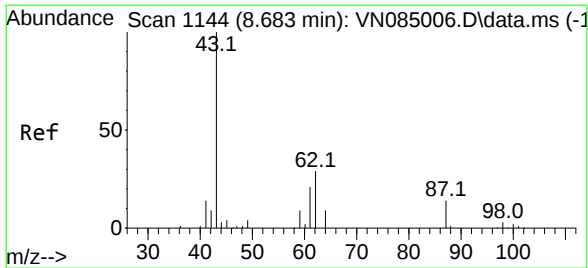
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#42
1,2-Dichloroethane
Concen: 52.501 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 62	Resp: 124673
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2





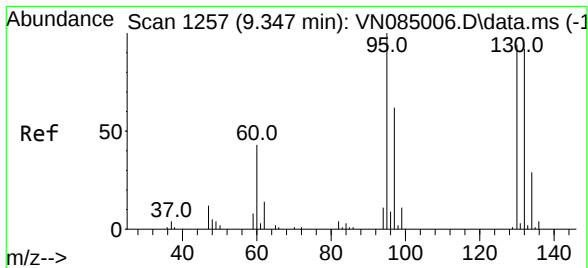
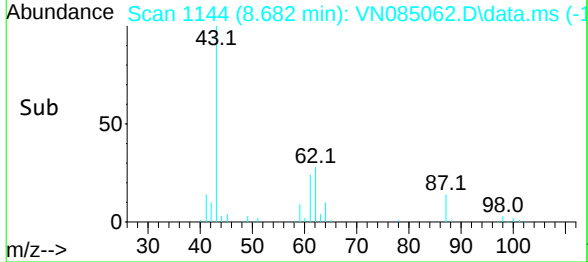
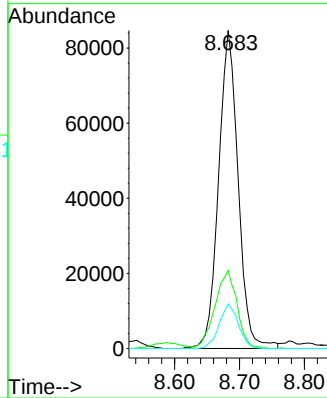
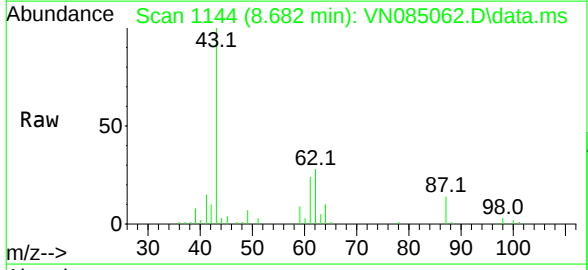
#43
Isopropyl Acetate
Concen: 42.845 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 177564
Ion Ratio Lower Upper
43 100
61 27.5 20.6 30.8
87 13.7 11.0 16.4

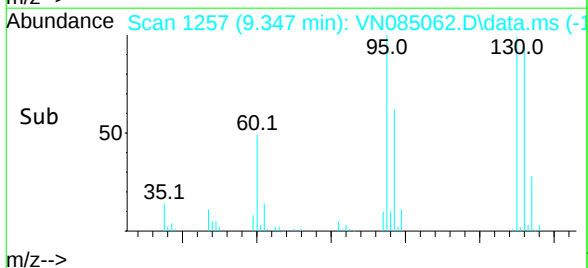
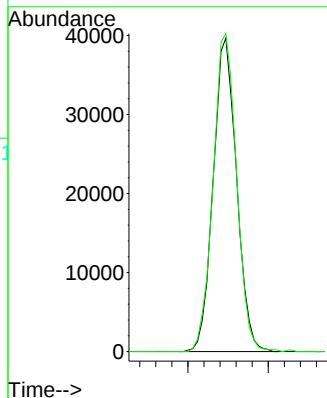
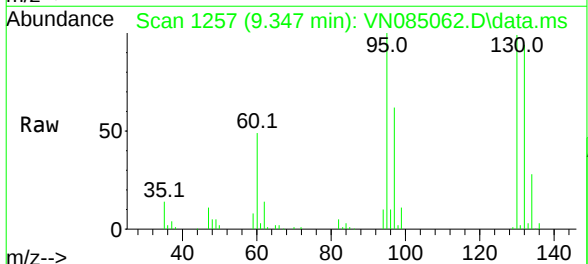
Manual Integrations
APPROVED

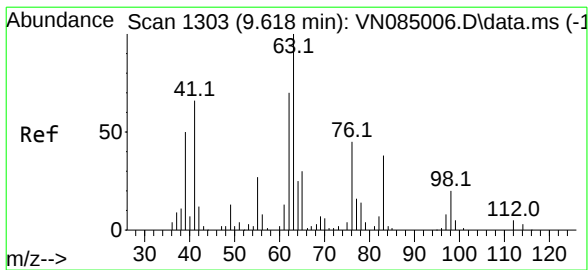
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#44
Trichloroethene
Concen: 49.592 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:130 Resp: 79998
Ion Ratio Lower Upper
130 100
95 101.5 0.0 213.4





#45

1,2-Dichloropropane

Concen: 52.228 ug/l

RT: 9.612 min Scan# 13

Delta R.T. -0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 89292

Ion Ratio Lower Upper

63 100

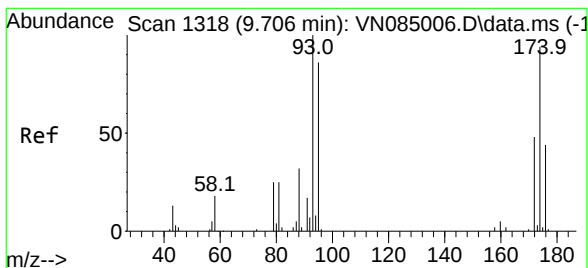
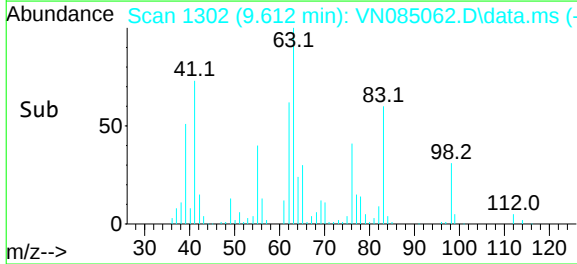
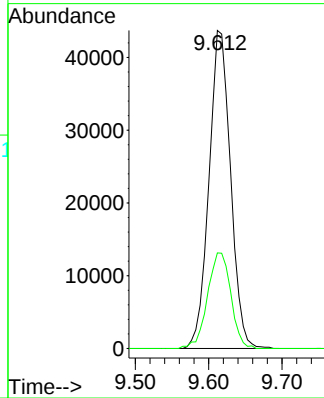
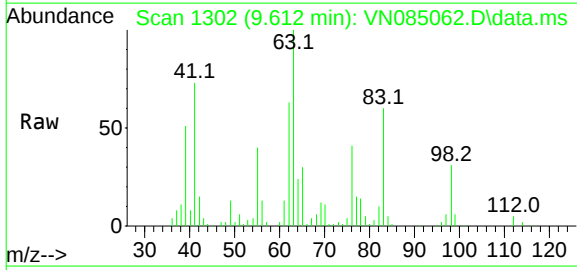
65 30.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#46

Dibromomethane

Concen: 52.572 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

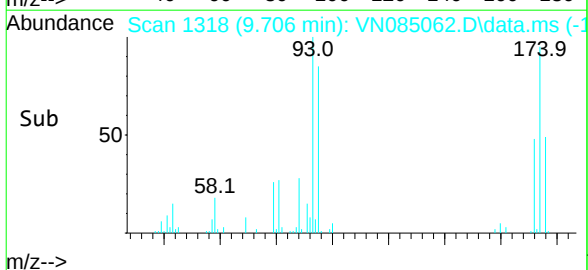
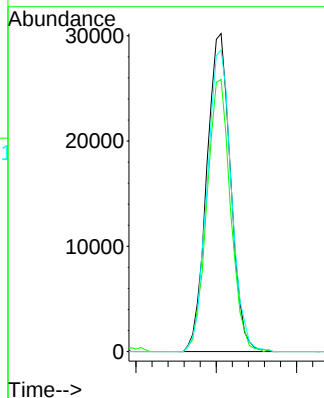
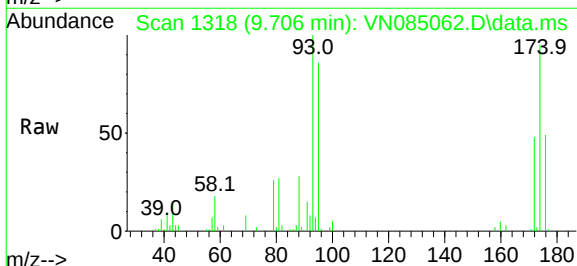
Tgt Ion: 93 Resp: 62455

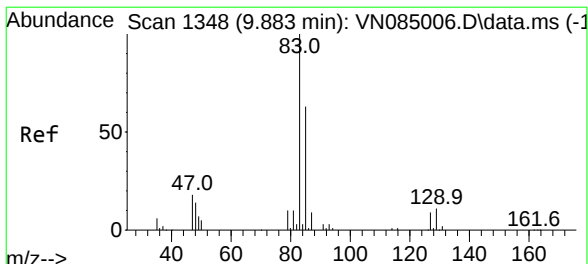
Ion Ratio Lower Upper

93 100

95 84.5 66.2 99.4

174 96.4 74.9 112.3





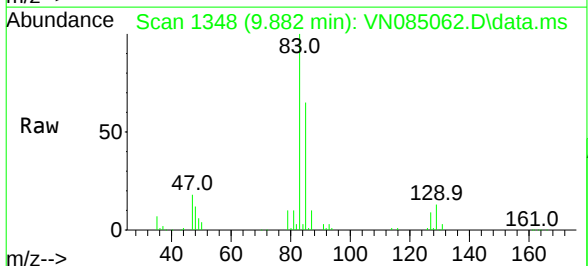
#47
 Bromodichloromethane
 Concen: 53.953 ug/l
 RT: 9.882 min Scan# 1348
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

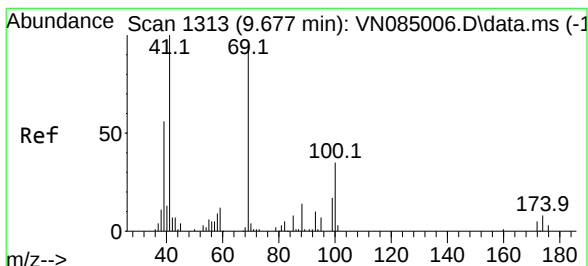
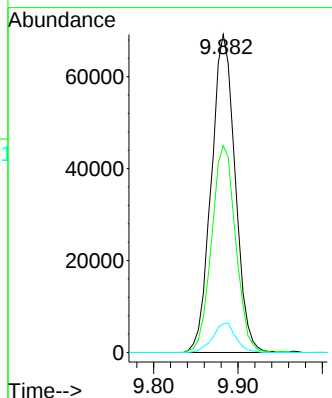
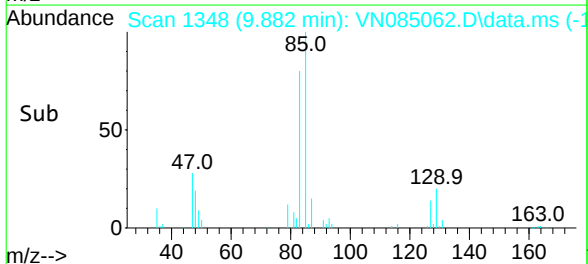
VSTDCCC050



Tgt Ion:	83	Resp:	135845
Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.5	75.7
127	8.9	7.1	10.7

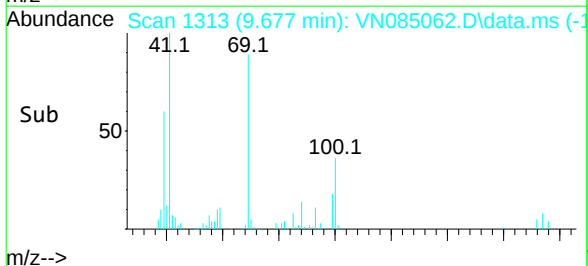
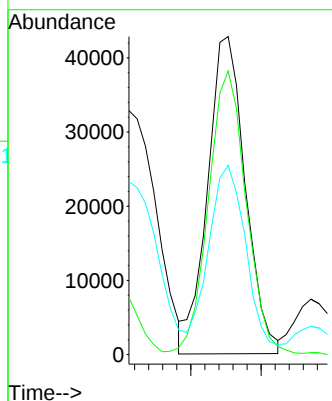
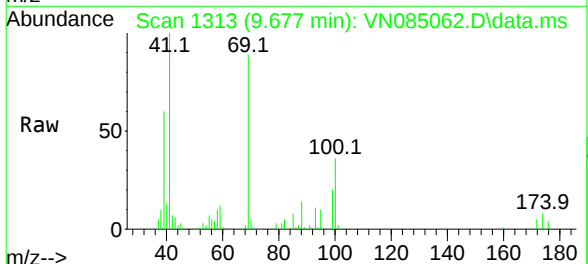
Manual Integrations
 APPROVED

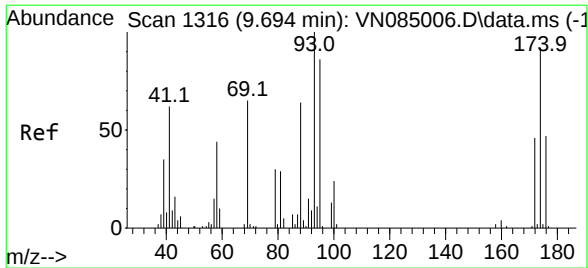
Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024



#48
 Methyl methacrylate
 Concen: 51.732 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN085062.D
 Acq: 02 Dec 2024 10:31

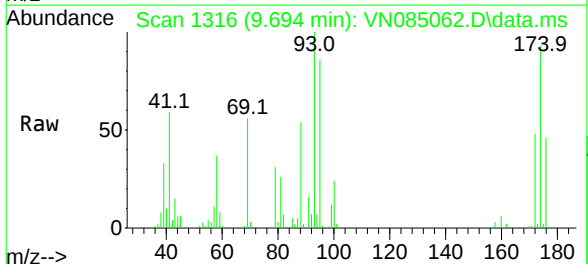
Tgt Ion:	41	Resp:	79781
Ion	Ratio	Lower	Upper
41	100		
69	89.9	73.2	109.8
39	59.7	46.2	69.4





#49
1,4-Dioxane
Concen: 1070.529 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

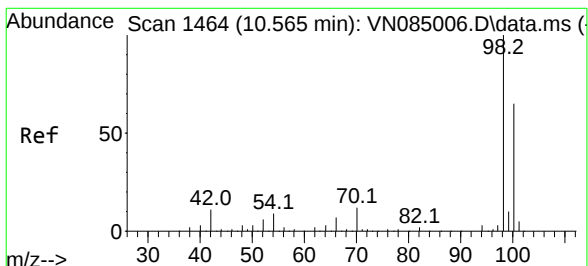
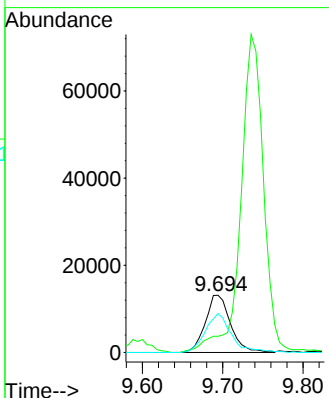
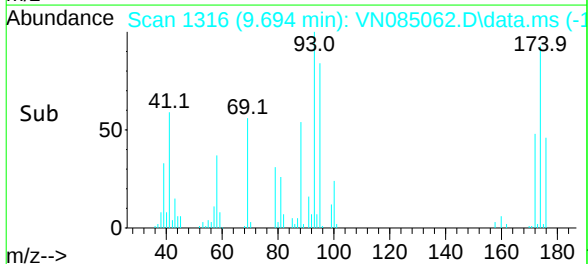
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 28631
Ion Ratio Lower Upper
88 100
43 0.0 16.7 25.1#
58 70.8 56.5 84.7

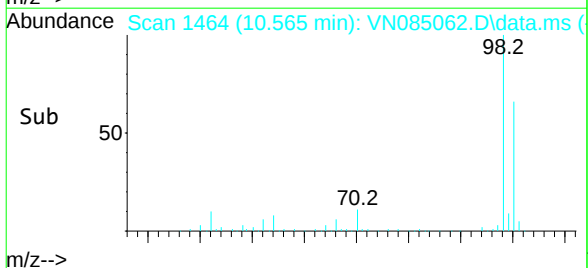
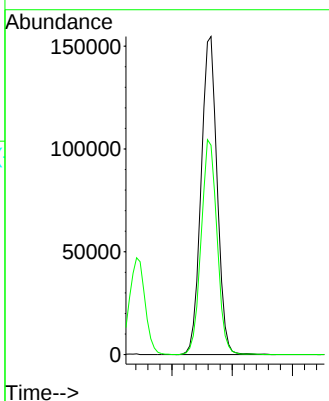
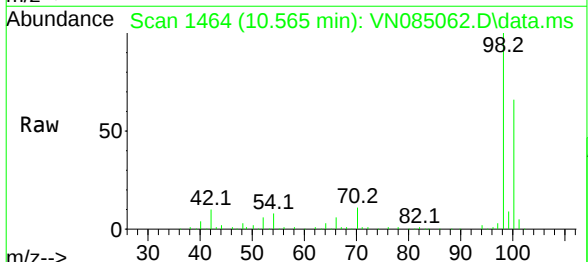
Manual Integrations
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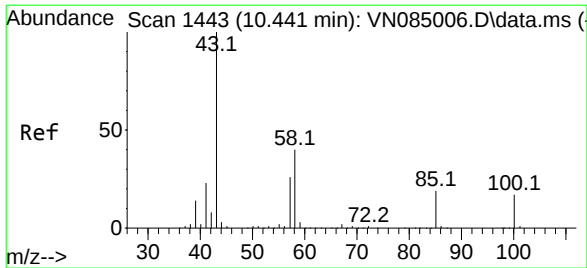
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#50
Toluene-d8
Concen: 49.150 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 98 Resp: 285401
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7





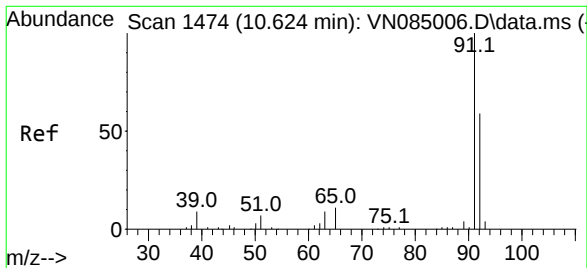
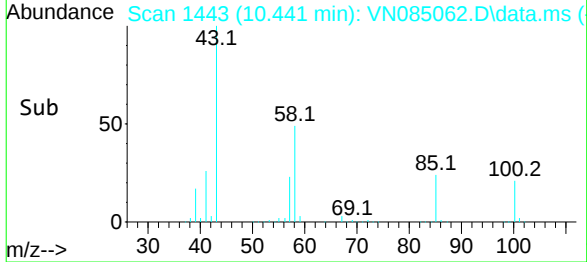
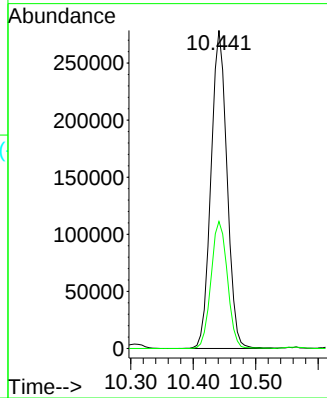
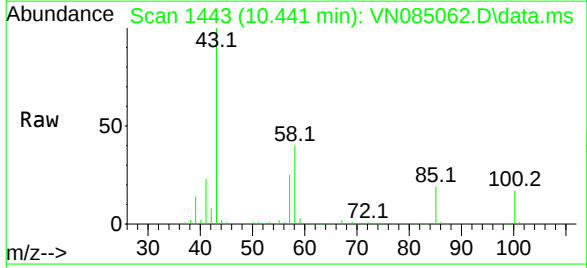
#51
4-Methyl-2-Pentanone
Concen: 262.260 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 496446
Ion Ratio Lower Upper
43 100
58 40.8 32.1 48.1

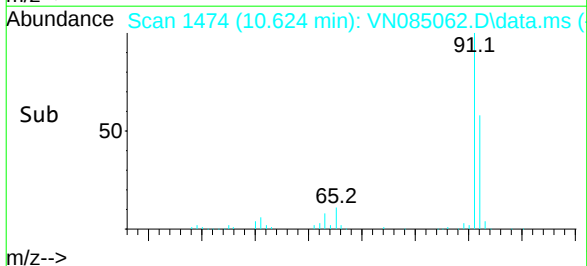
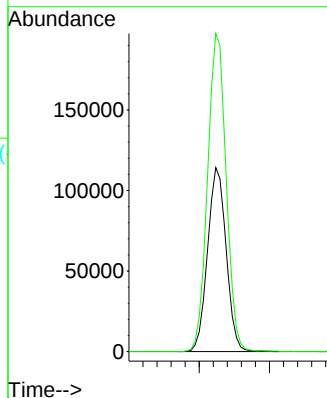
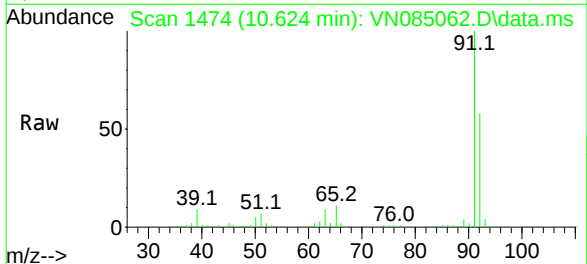
Manual Integrations
APPROVED

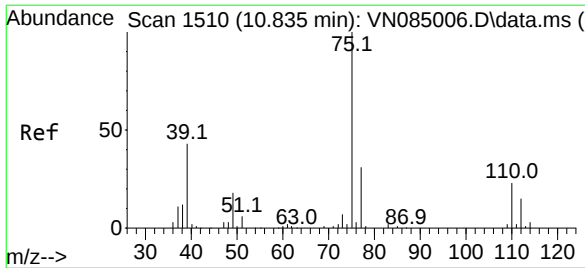
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#52
Toluene
Concen: 51.012 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

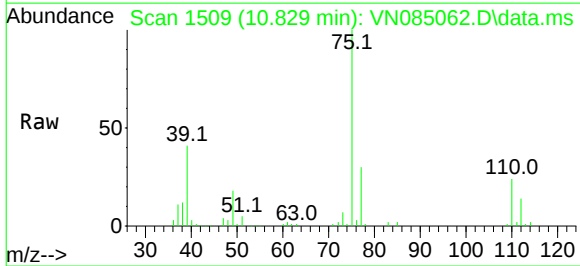
Tgt Ion: 92 Resp: 209621
Ion Ratio Lower Upper
92 100
91 173.0 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 54.031 ug/l
RT: 10.829 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

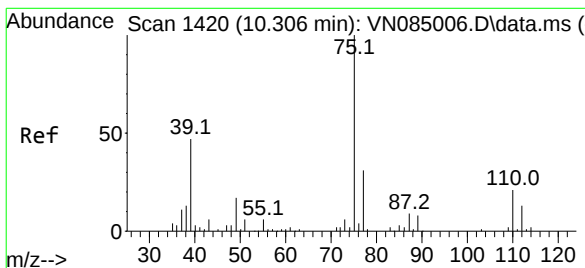
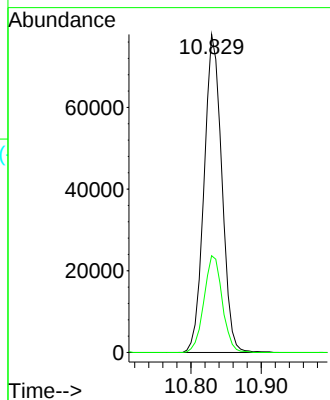
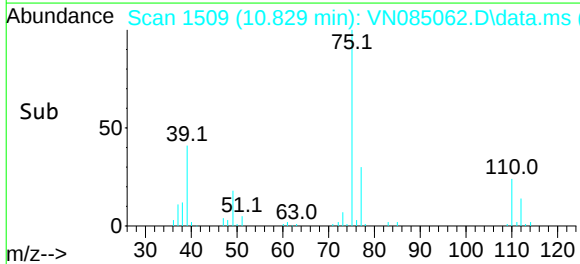
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 136391
Ion Ratio Lower Upper
75 100
77 30.4 25.0 37.4

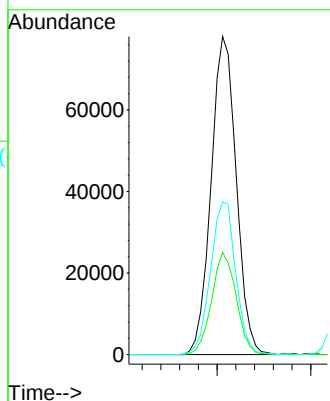
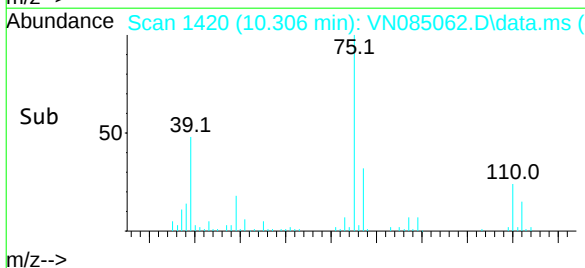
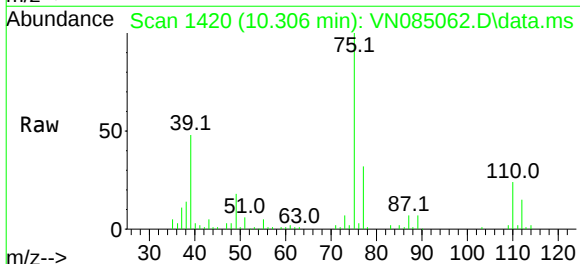
Manual Integrations
APPROVED

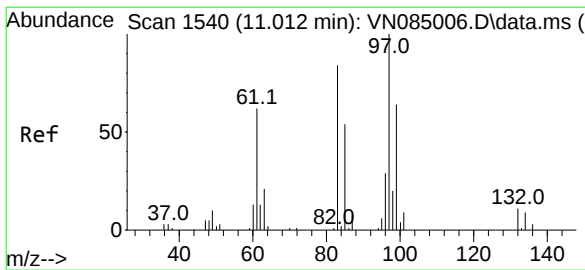
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#54
cis-1,3-Dichloropropene
Concen: 54.385 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

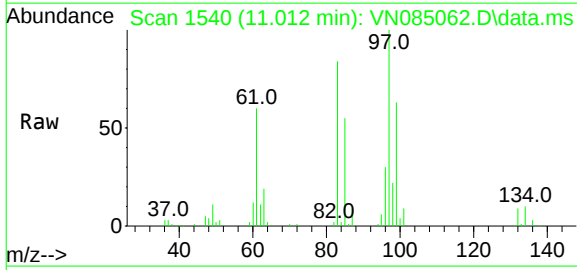
Tgt Ion: 75 Resp: 145642
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4
39 48.0 37.6 56.4





#55
1,1,2-Trichloroethane
Concen: 56.202 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

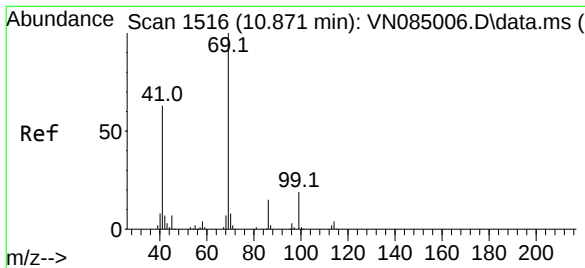
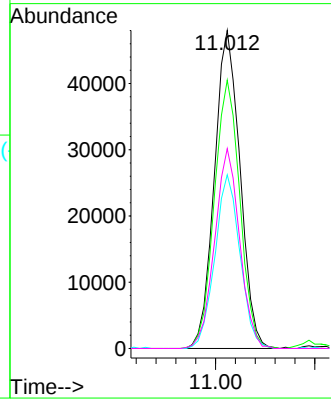
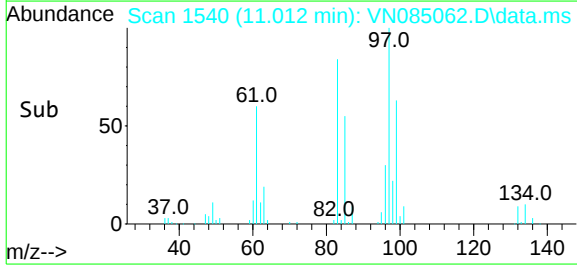
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



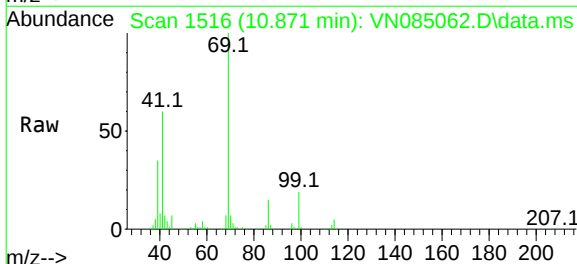
Tgt Ion:	97	Resp:	86024
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	54.6	43.1	64.7
99	62.8	50.9	76.3

Manual Integrations
APPROVED

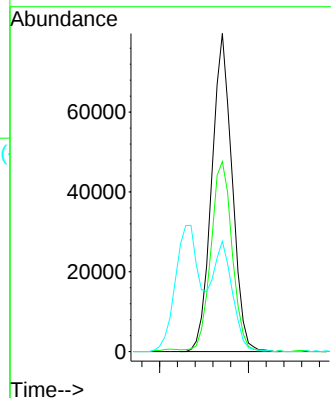
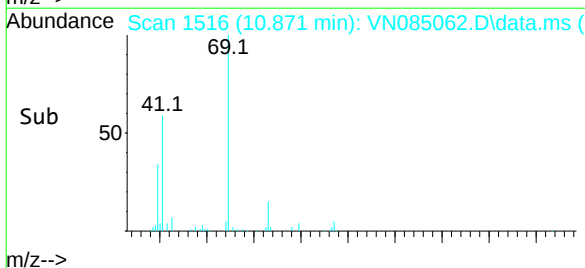
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

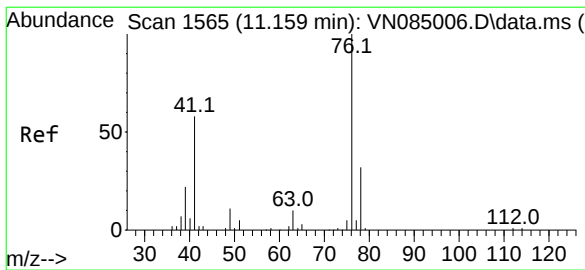


#56
Ethyl methacrylate
Concen: 56.807 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31



Tgt Ion:	69	Resp:	127054
Ion	Ratio	Lower	Upper
69	100		
41	62.3	50.0	75.0
39	33.0	27.0	40.6





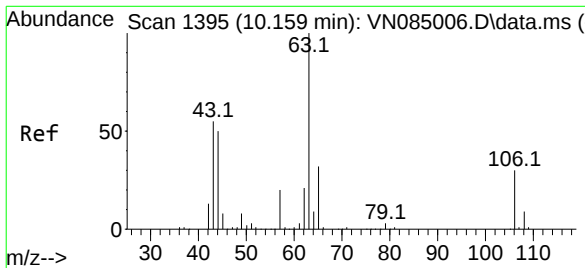
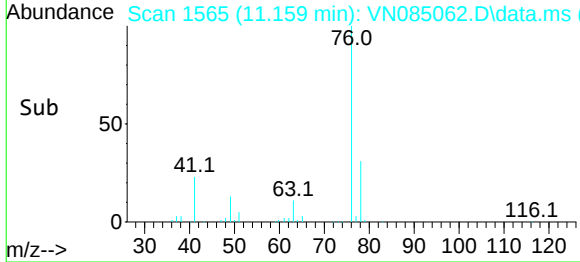
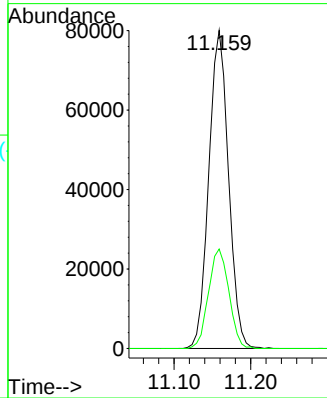
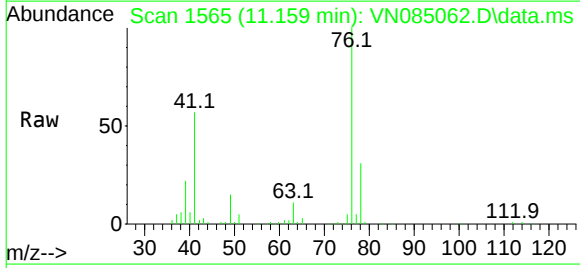
#57
1,3-Dichloropropane
Concen: 53.047 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 142900
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

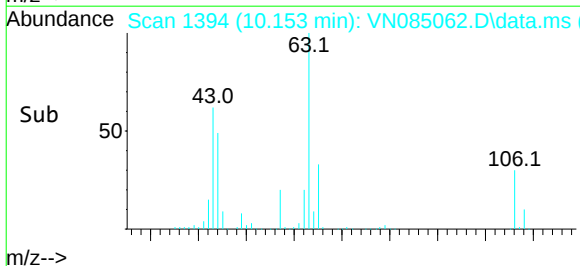
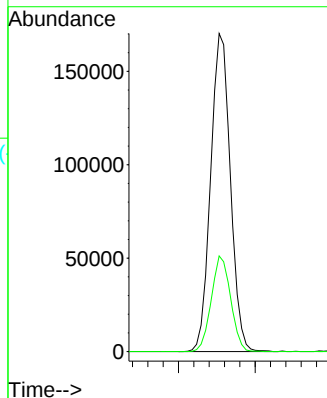
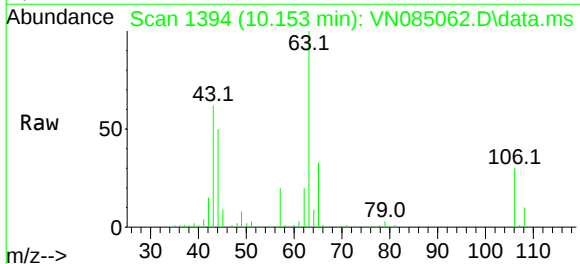
Manual Integrations
APPROVED

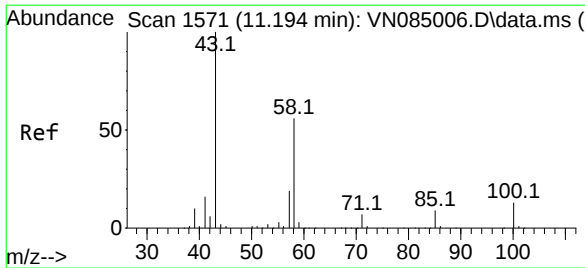
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 276.824 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 63 Resp: 303708
Ion Ratio Lower Upper
63 100
106 29.5 23.0 34.6





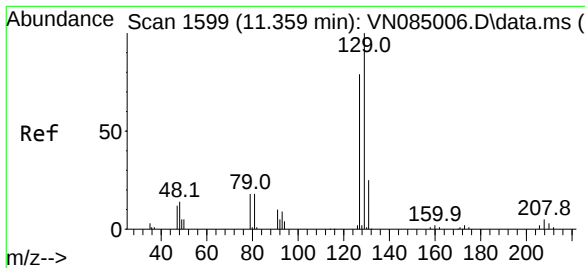
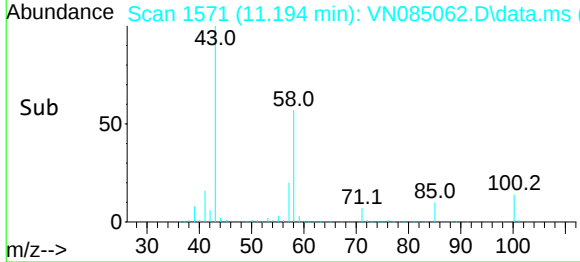
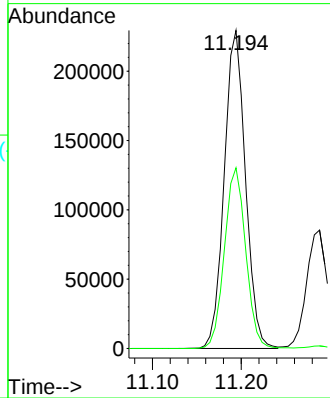
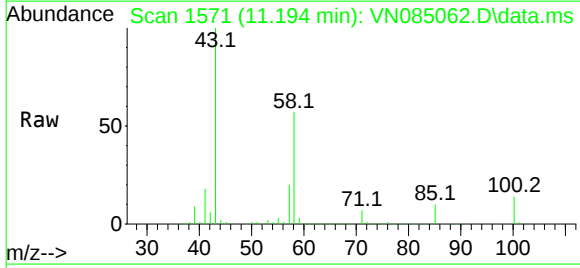
#59
2-Hexanone
Concen: 269.137 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 381031
Ion Ratio Lower Upper
43 100
58 57.0 28.3 85.0

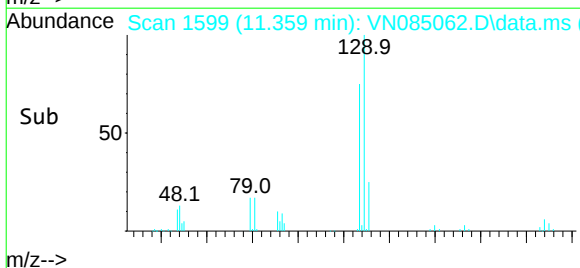
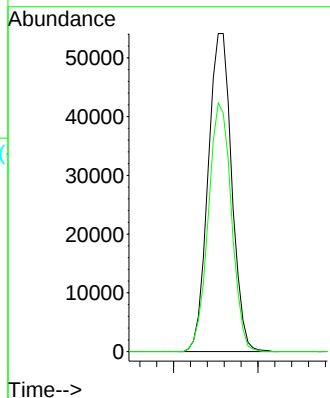
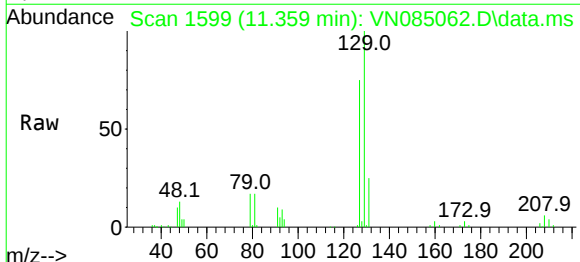
Manual Integrations
APPROVED

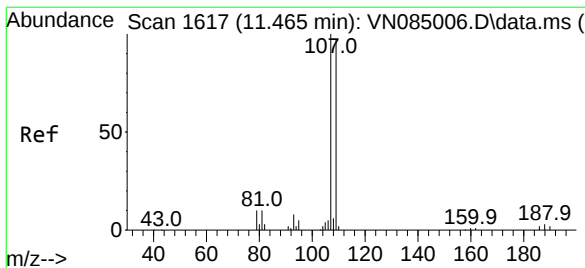
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#60
Dibromochloromethane
Concen: 56.352 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

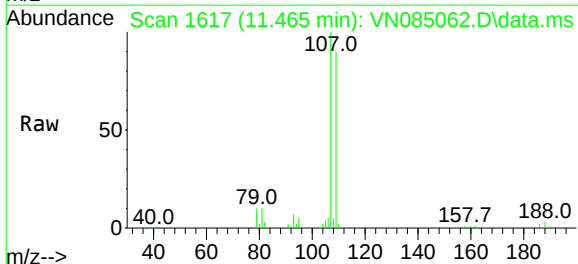
Tgt Ion:129 Resp: 105413
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.135 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

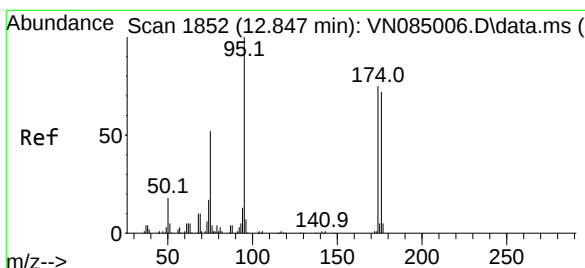
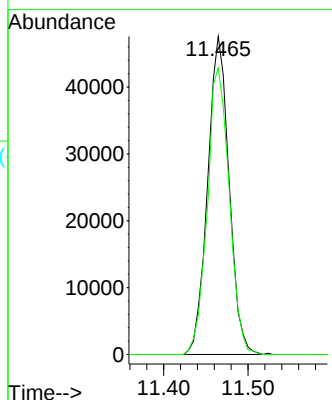
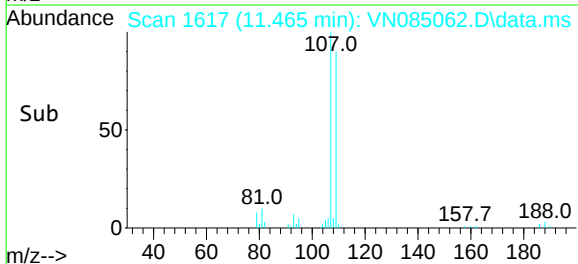
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 84169
Ion Ratio Lower Upper
107 100
109 92.4 76.1 114.1

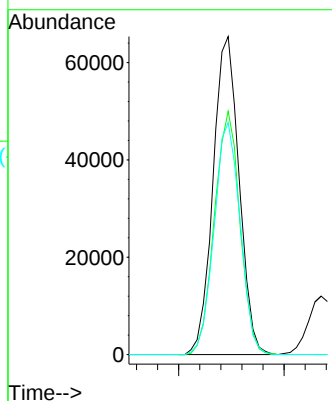
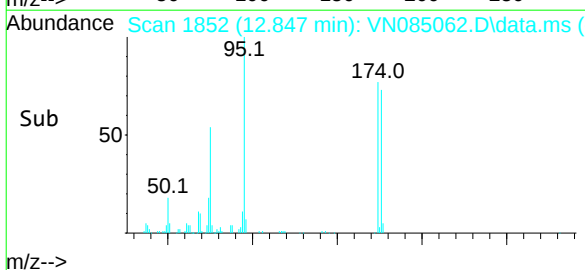
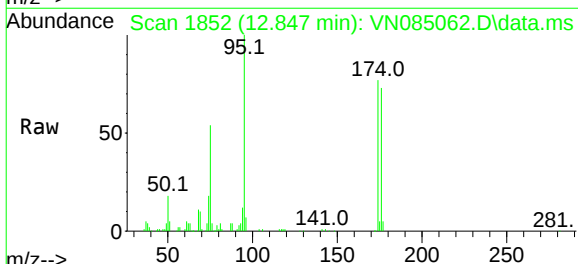
Manual Integrations
APPROVED

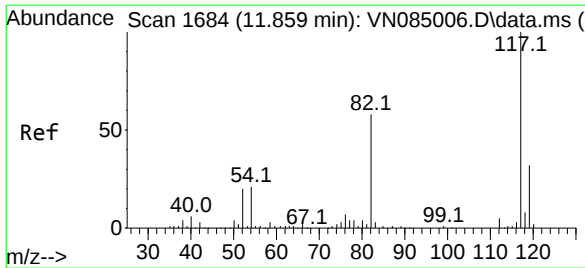
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#62
4-Bromofluorobenzene
Concen: 51.659 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 95 Resp: 112179
Ion Ratio Lower Upper
95 100
174 75.0 0.0 146.6
176 72.9 0.0 141.8





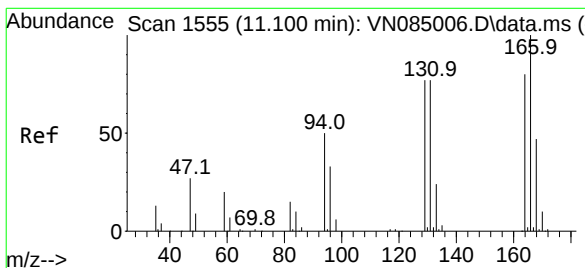
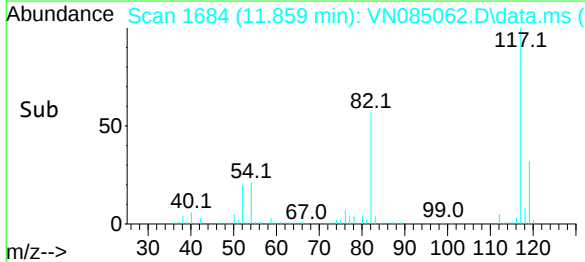
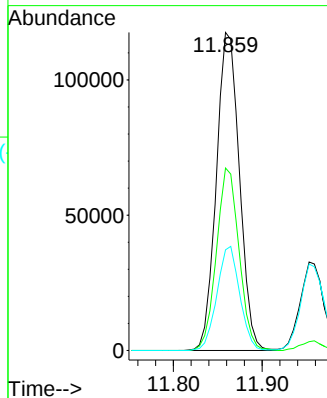
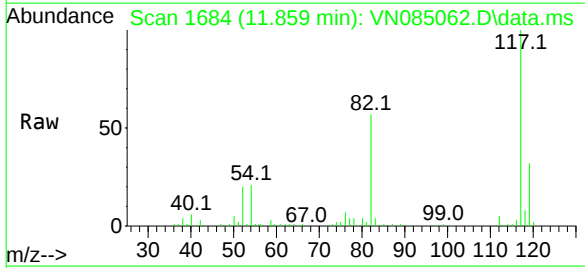
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 212656
Ion Ratio Lower Upper
117 100
82 57.4 46.0 69.0
119 31.7 25.6 38.4

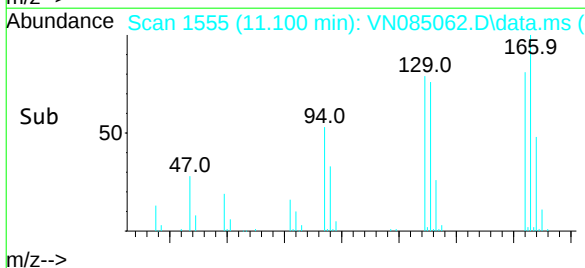
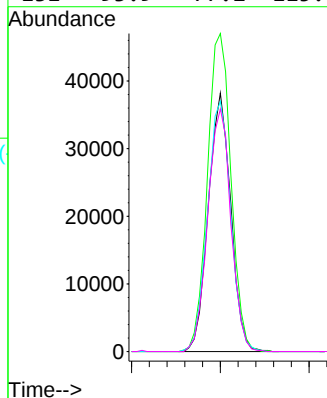
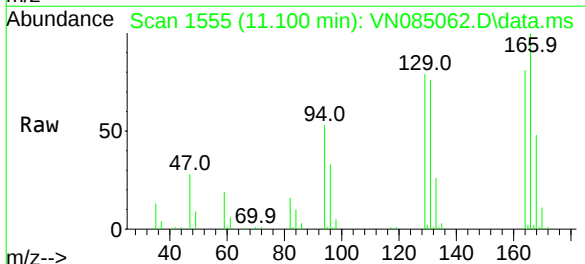
Manual Integrations
APPROVED

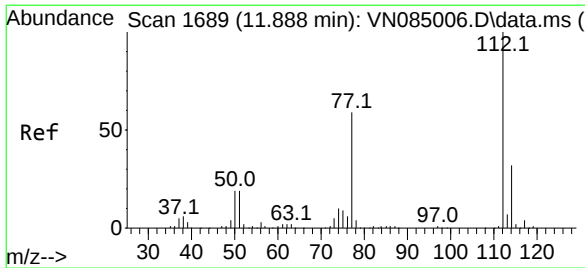
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#64
Tetrachloroethene
Concen: 46.823 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:164 Resp: 67094
Ion Ratio Lower Upper
164 100
166 123.1 100.6 151.0
129 96.9 77.7 116.5
131 93.9 77.2 115.8





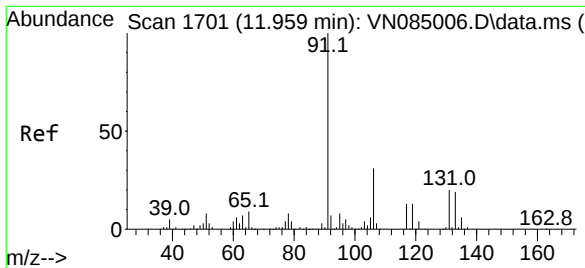
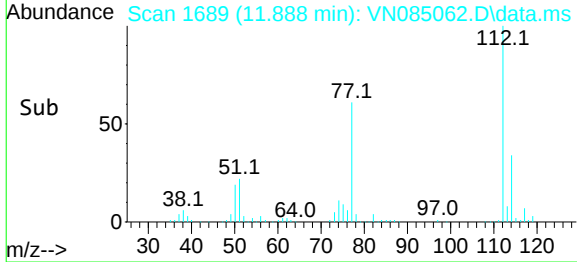
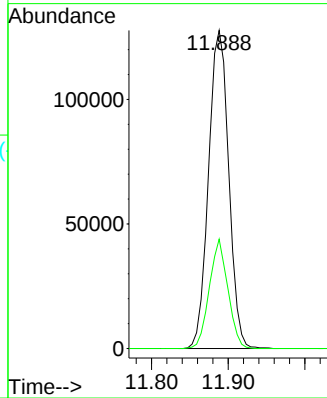
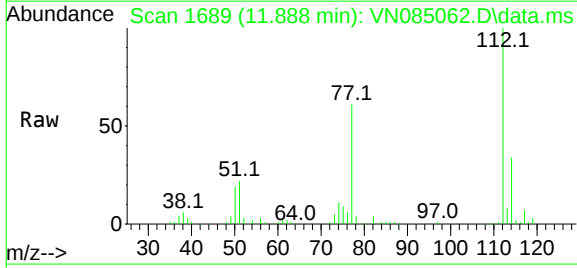
#65
Chlorobenzene
Concen: 48.369 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 233273
Ion Ratio Lower Upper
112 100
114 34.4 25.8 38.6

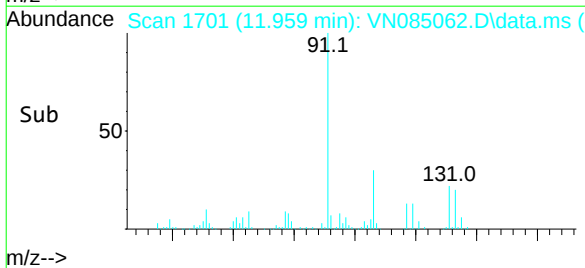
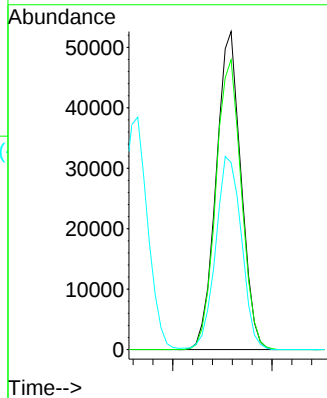
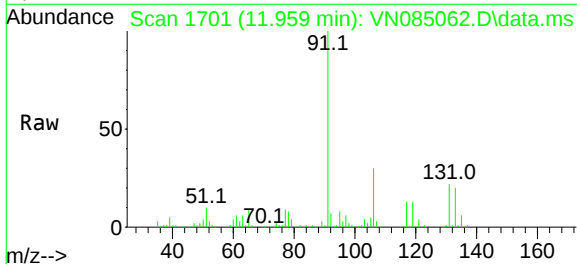
Manual Integrations
APPROVED

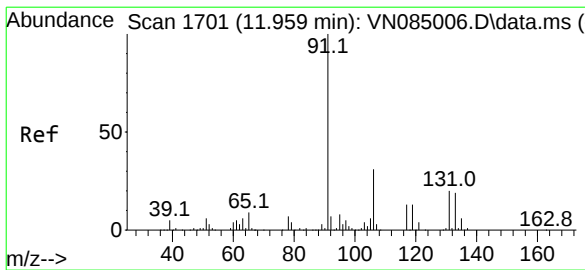
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 53.892 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:131 Resp: 91511
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 63.2 32.1 96.3





#67

Ethyl Benzene

Concen: 51.209 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 400681

Ion Ratio Lower Upper

91 100

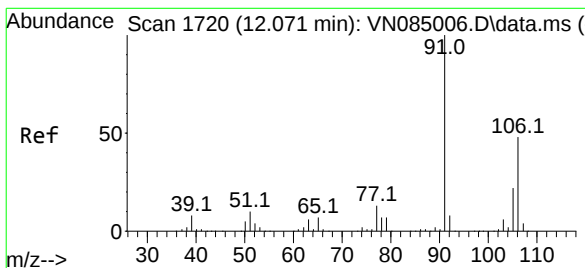
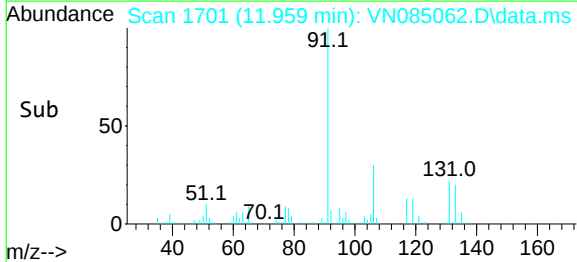
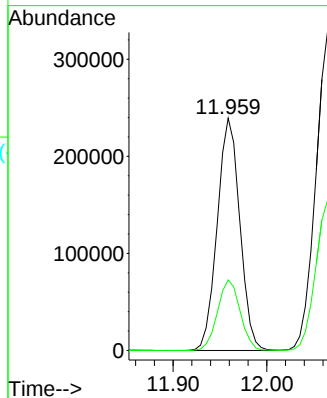
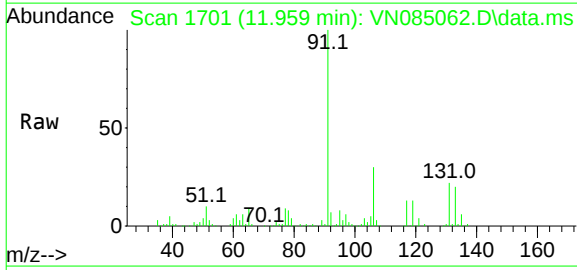
106 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#68

m/p-Xylenes

Concen: 102.623 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085062.D

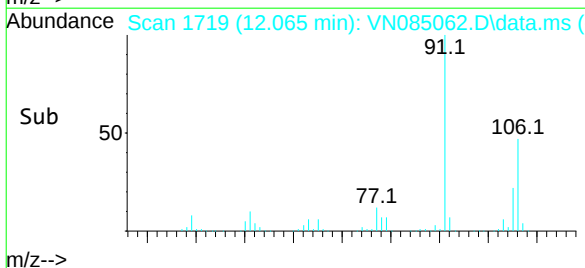
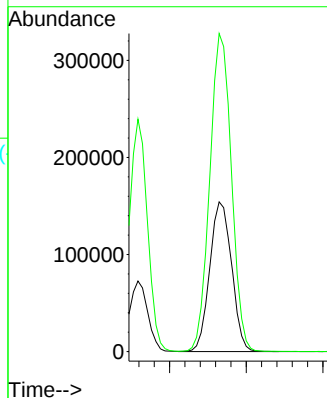
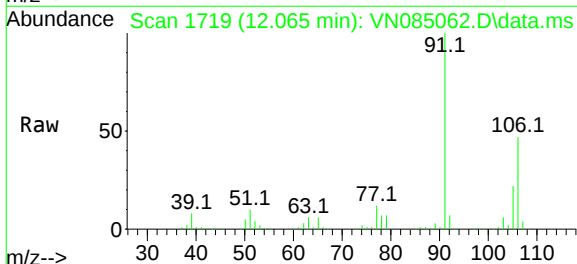
Acq: 02 Dec 2024 10:31

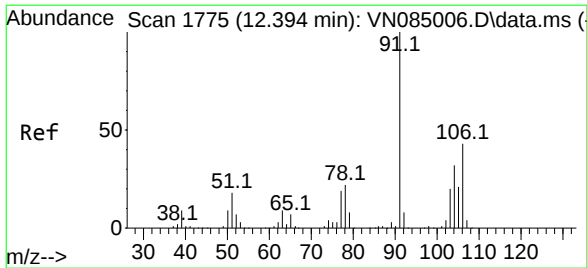
Tgt Ion:106 Resp: 305702

Ion Ratio Lower Upper

106 100

91 210.3 168.0 252.0





#69

o-Xylene

Concen: 52.563 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 148946

Ion Ratio Lower Upper

106 100

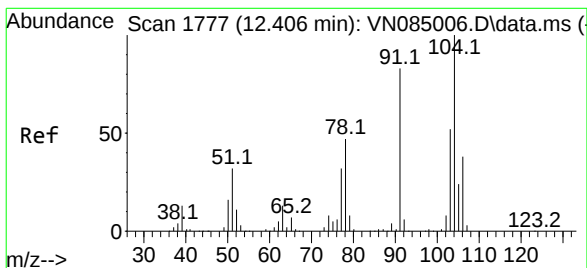
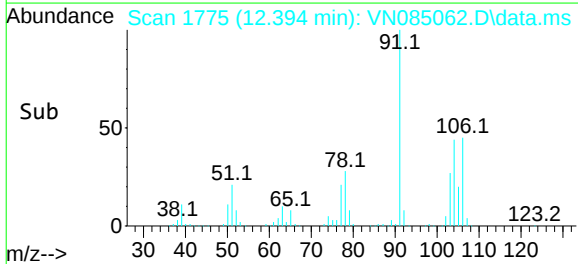
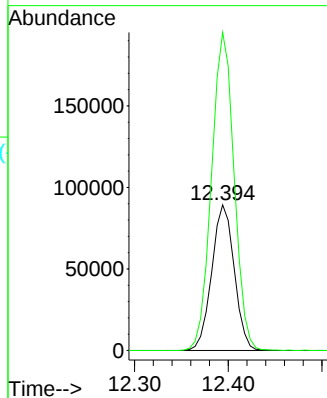
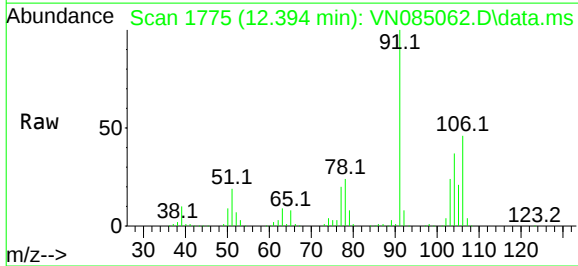
91 219.5 110.7 331.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#70

Styrene

Concen: 54.739 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

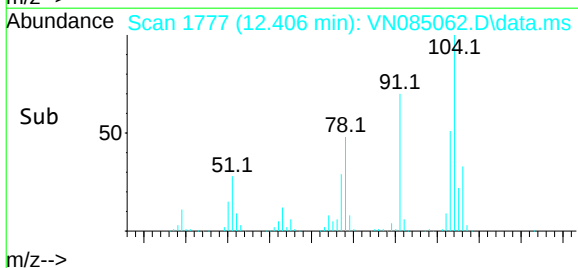
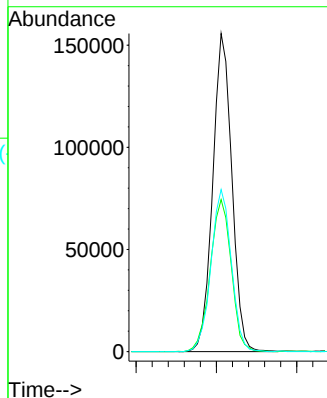
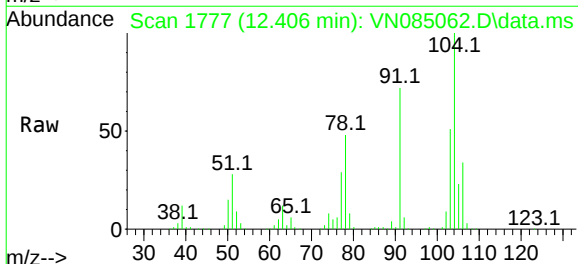
Tgt Ion:104 Resp: 257948

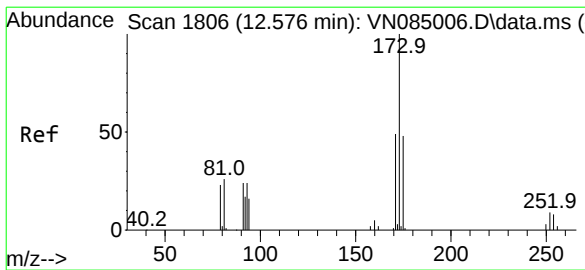
Ion Ratio Lower Upper

104 100

78 52.3 42.3 63.5

103 54.1 44.2 66.2





#71

Bromoform

Concen: 56.196 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

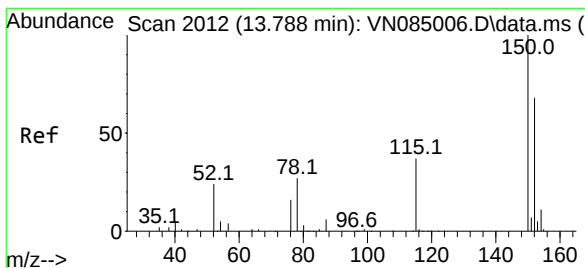
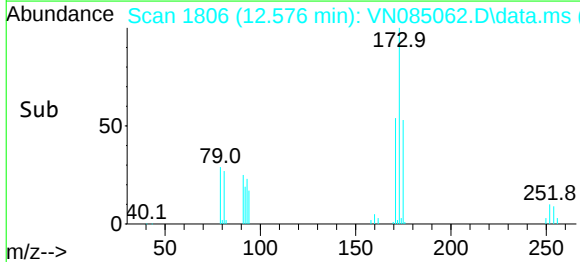
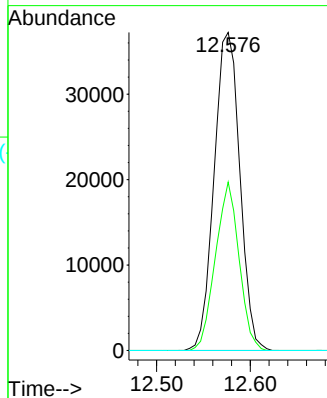
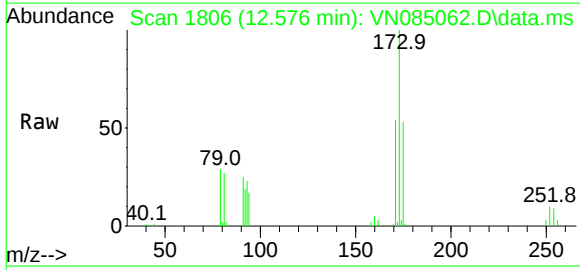
Tgt Ion:	173	Resp:	70832
Ion Ratio	Lower	Upper	
173	100		
175	48.7	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

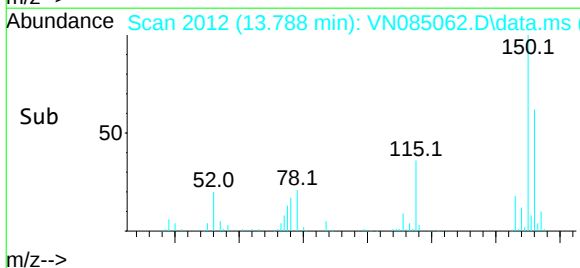
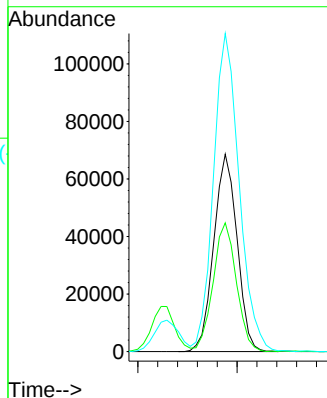
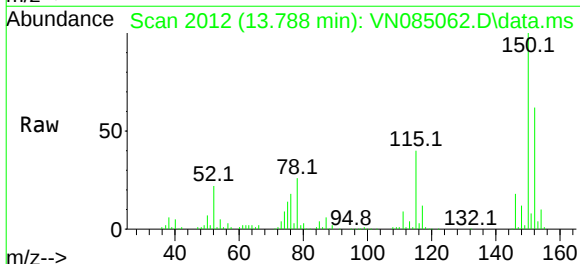
RT: 13.788 min Scan# 2012

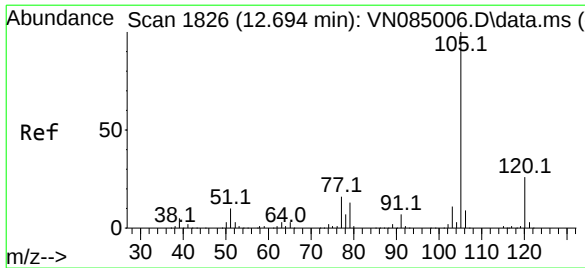
Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Tgt Ion:	152	Resp:	111925
Ion Ratio	Lower	Upper	
152	100		
115	65.4	31.7	95.1
150	177.9	0.0	351.4





#73

Isopropylbenzene

Concen: 47.556 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 375499

Ion Ratio Lower Upper

105 100

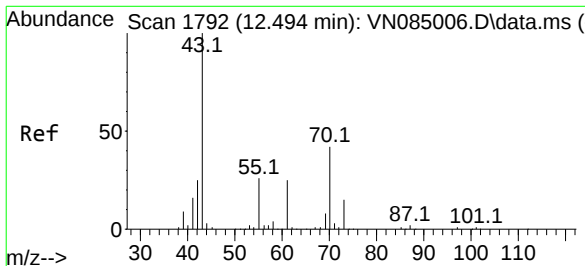
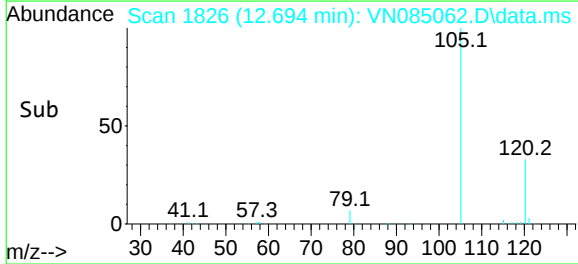
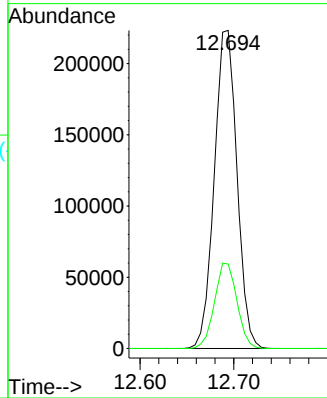
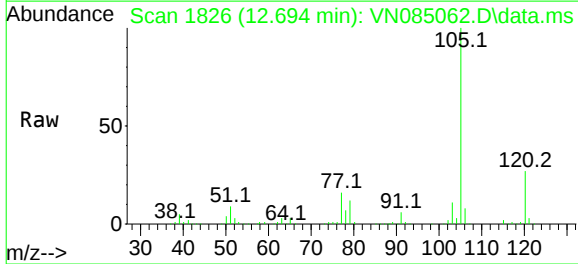
120 26.5 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#74

N-ethyl acetate

Concen: 47.549 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Tgt Ion: 43 Resp: 154710

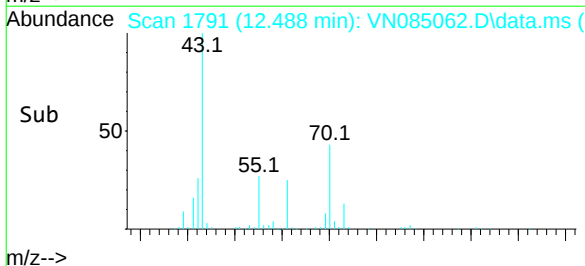
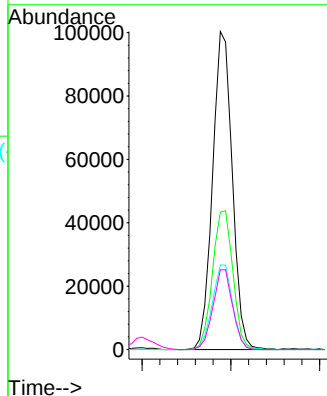
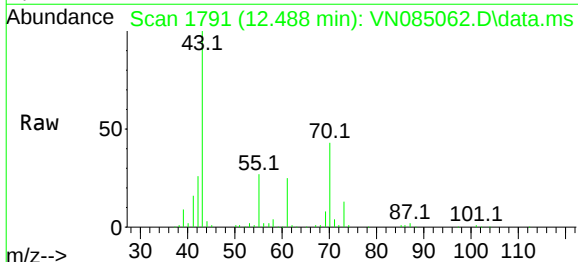
Ion Ratio Lower Upper

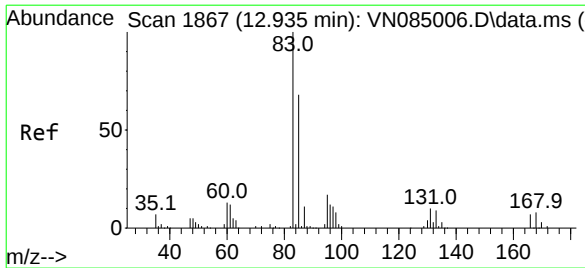
43 100

70 45.3 34.6 51.8

55 27.3 20.5 30.7

61 25.1 19.6 29.4





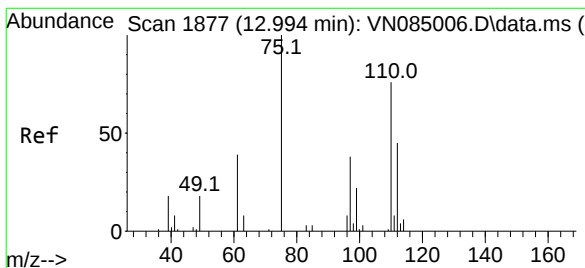
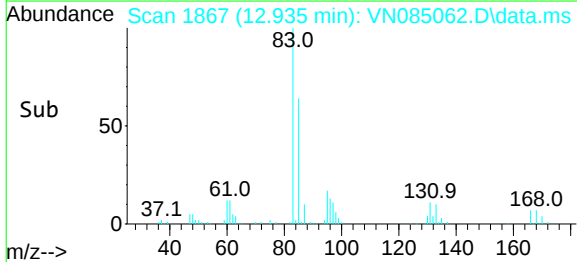
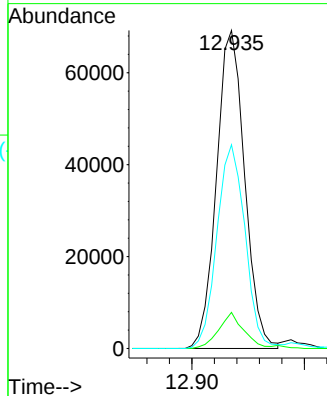
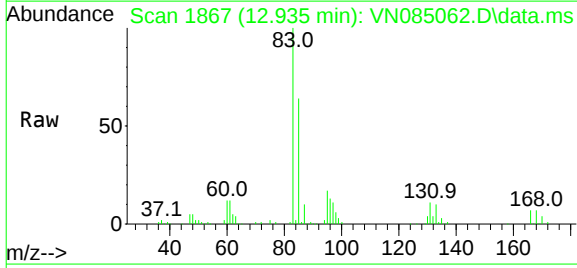
#75
1,1,2,2-Tetrachloroethane
Concen: 44.604 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83	Resp: 120264
Ion Ratio	Lower Upper
83 100	
131 10.5	5.1 15.4
85 64.0	32.1 96.3

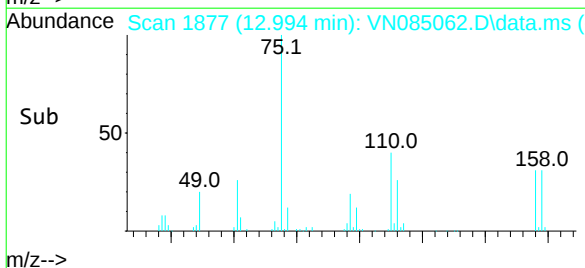
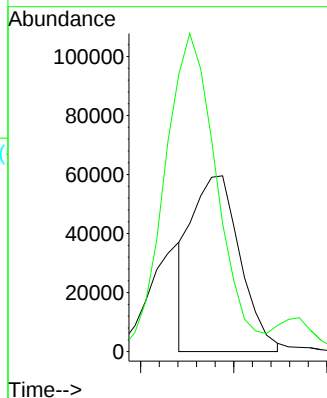
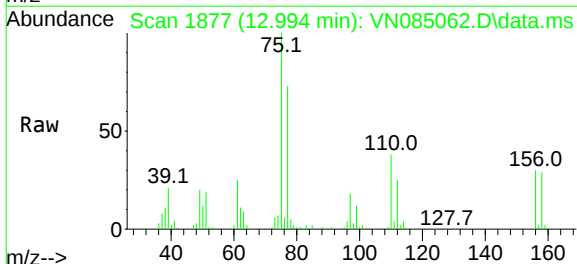
Manual Integrations
APPROVED

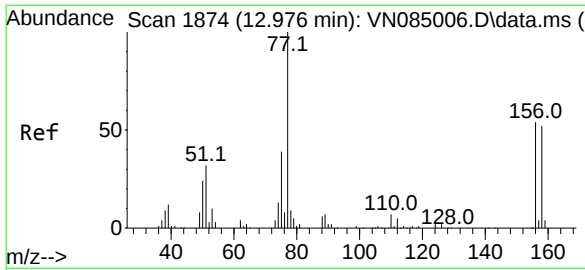
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#76
1,2,3-Trichloropropane
Concen: 52.811 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 75	Resp: 107515
Ion Ratio	Lower Upper
75 100	
77 195.7	109.1 327.4





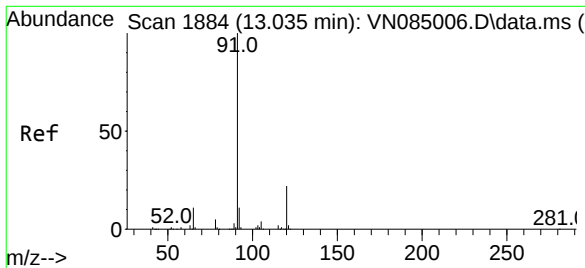
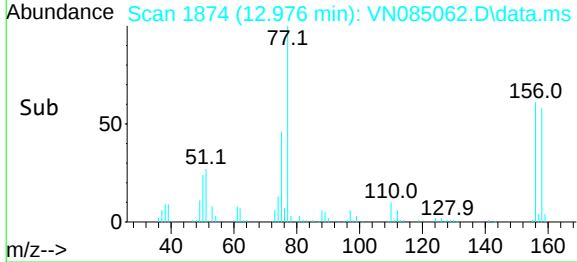
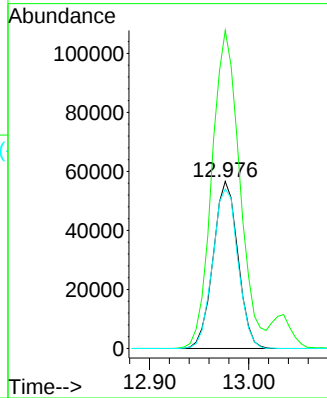
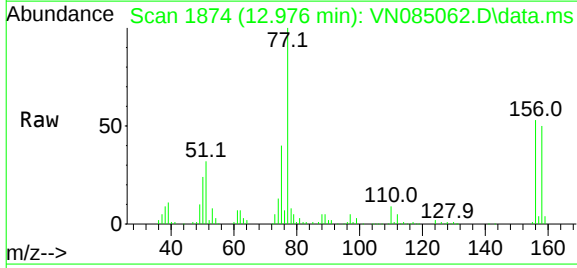
#77
Bromobenzene
Concen: 46.167 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 156 Resp: 98097
Ion Ratio Lower Upper
156 100
77 214.5 107.2 321.6
158 97.6 48.5 145.6

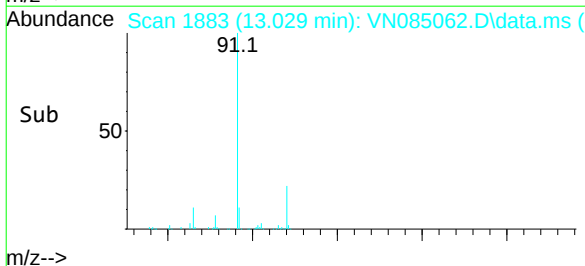
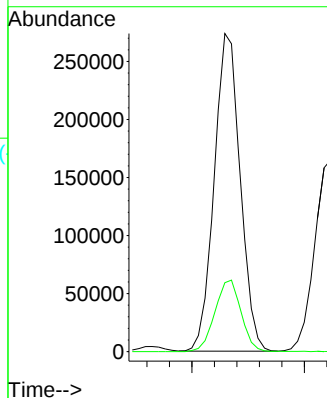
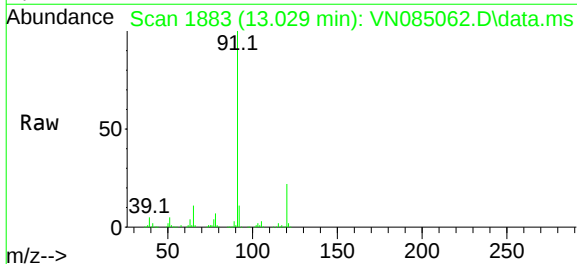
Manual Integrations
APPROVED

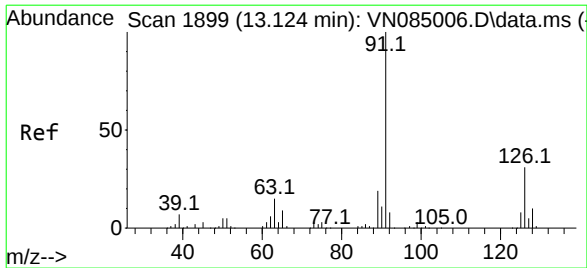
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#78
n-propylbenzene
Concen: 48.221 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion: 91 Resp: 439164
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





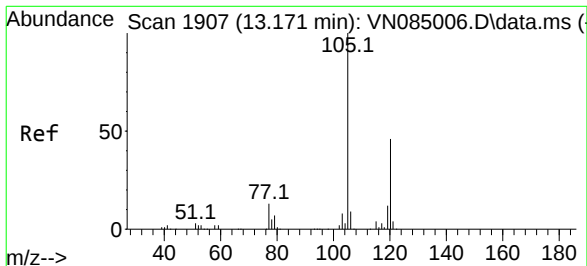
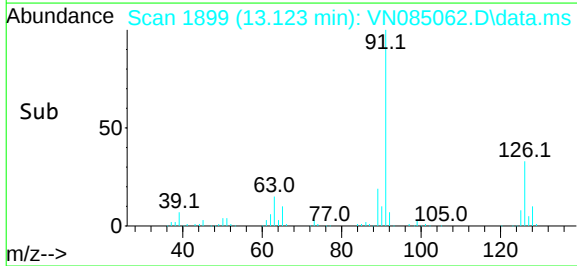
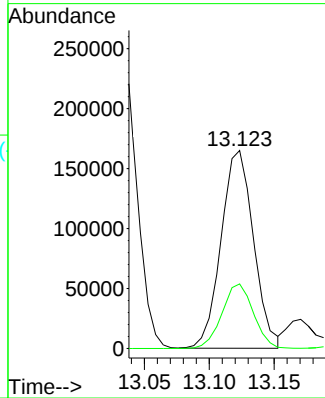
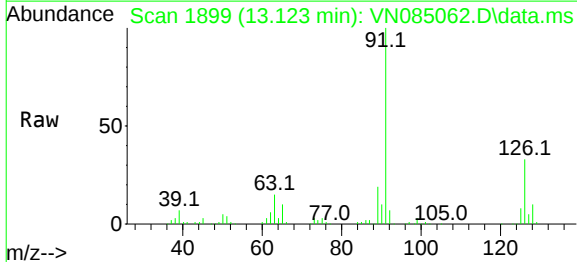
#79
2-Chlorotoluene
Concen: 47.262 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 287333
Ion Ratio Lower Upper
91 100
126 31.7 16.1 48.3

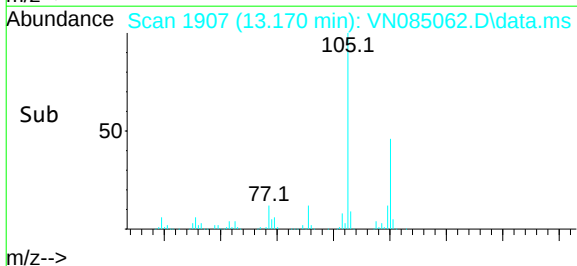
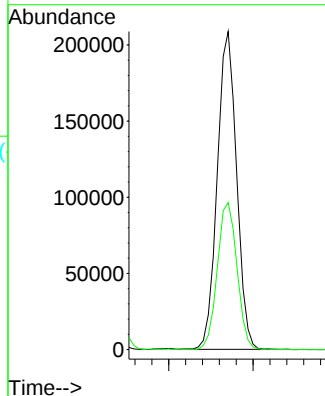
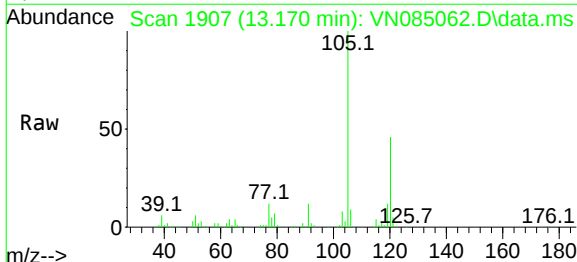
Manual Integrations
APPROVED

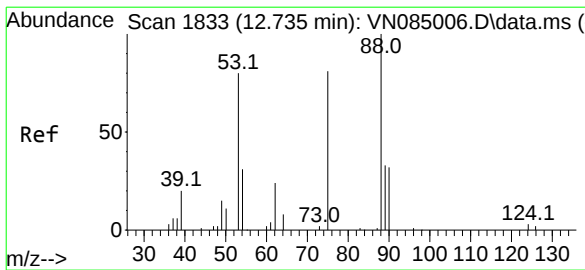
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 50.118 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:105 Resp: 332065
Ion Ratio Lower Upper
105 100
120 47.1 23.6 71.0





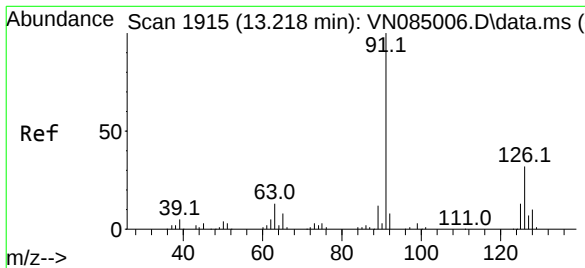
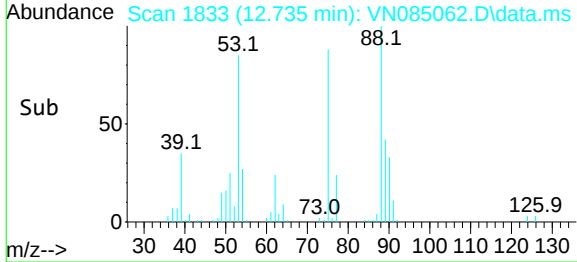
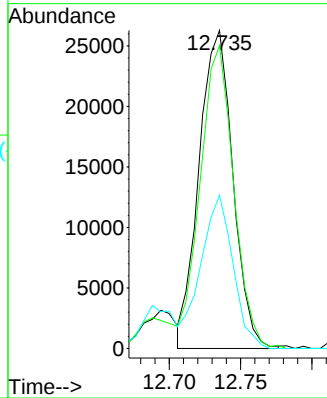
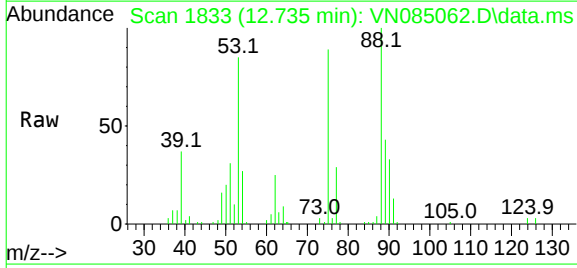
#81
trans-1,4-Dichloro-2-butene
Concen: 46.936 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.0	78.2	117.4
89	46.2	37.9	56.9

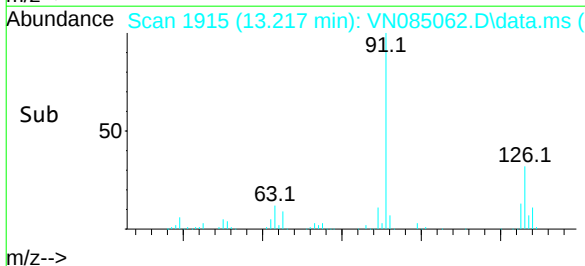
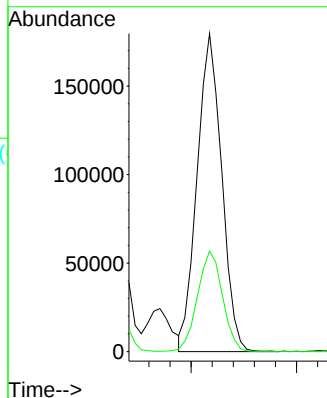
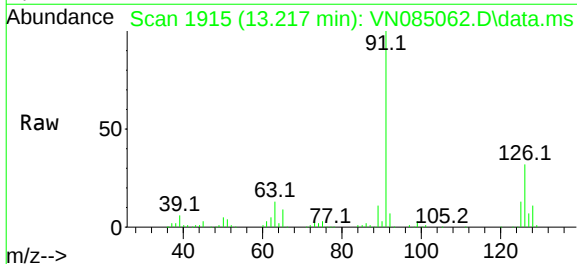
Manual Integrations
APPROVED

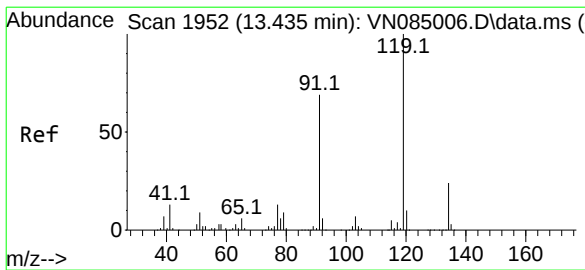
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#82
4-Chlorotoluene
Concen: 45.954 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.3





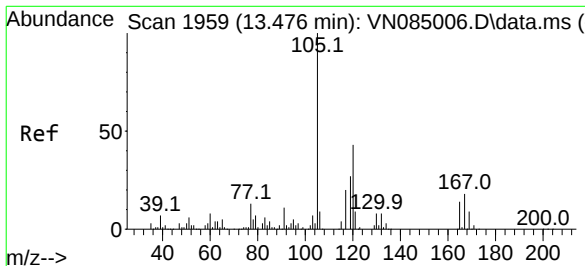
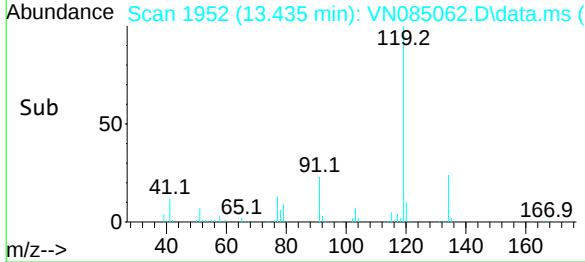
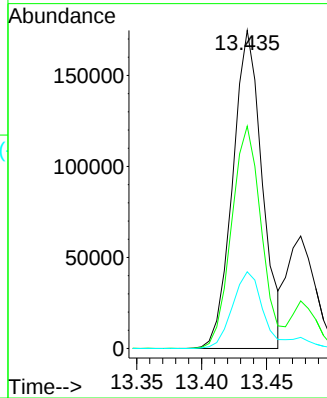
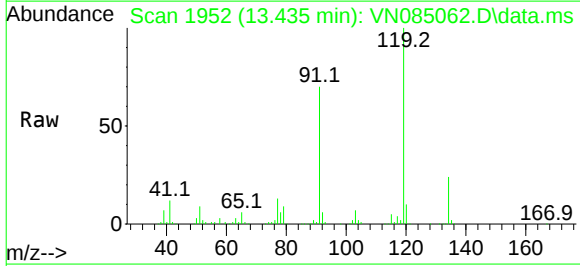
#83
tert-Butylbenzene
Concen: 48.626 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 277206
Ion Ratio Lower Upper
119 100
91 71.5 35.1 105.5
134 24.7 12.1 36.3

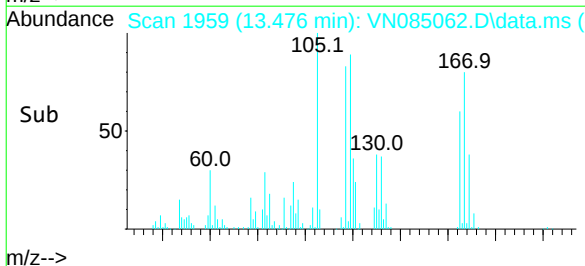
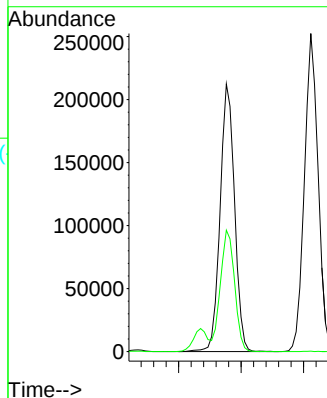
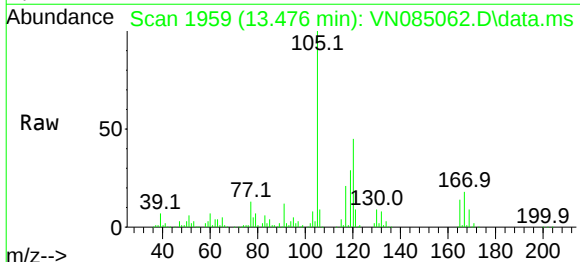
Manual Integrations
APPROVED

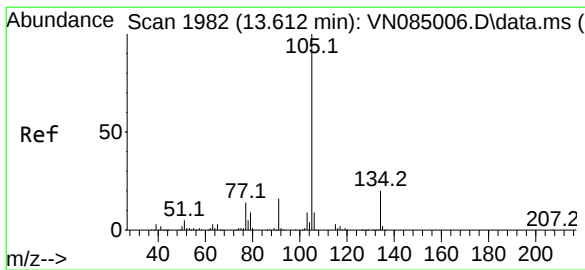
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.905 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:105 Resp: 340363
Ion Ratio Lower Upper
105 100
120 44.5 21.8 65.4





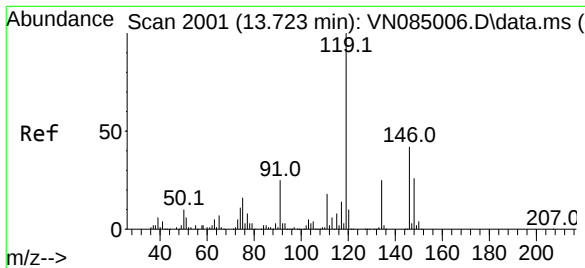
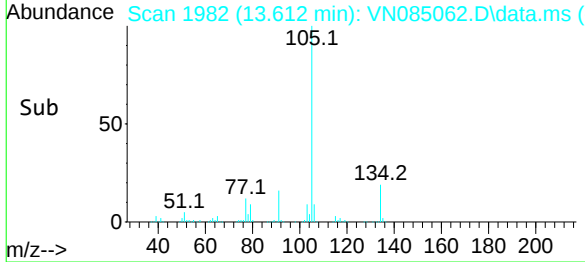
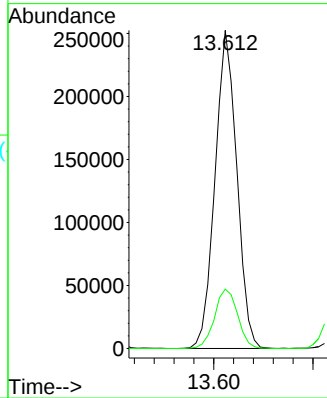
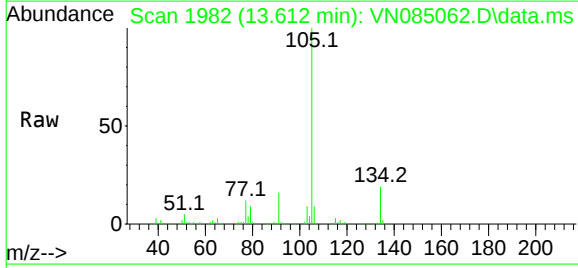
#85
sec-Butylbenzene
Concen: 49.941 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 384595
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.3

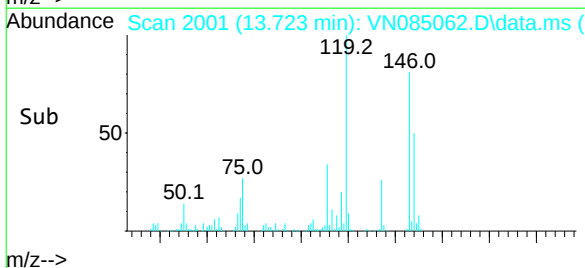
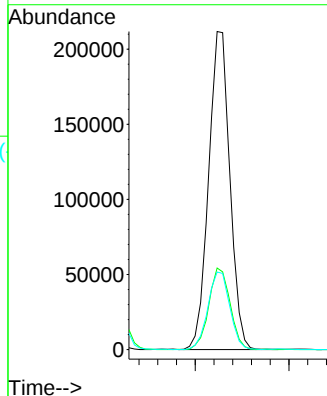
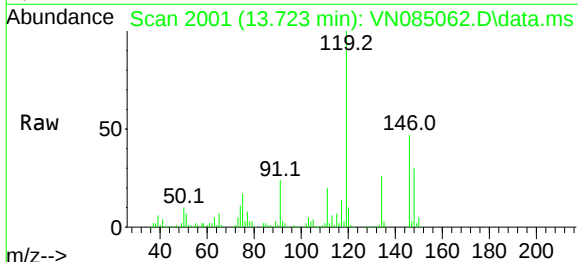
Manual Integrations
APPROVED

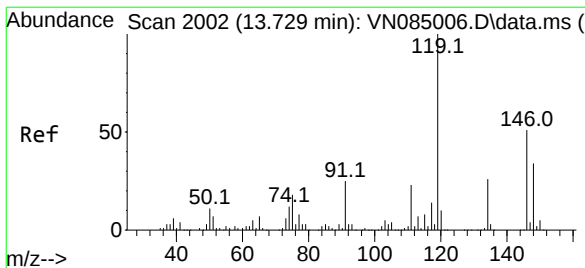
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#86
p-Isopropyltoluene
Concen: 52.452 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:119 Resp: 333450
Ion Ratio Lower Upper
119 100
134 25.8 13.0 39.0
91 25.1 12.8 38.4





#87

1,3-Dichlorobenzene

Concen: 44.910 ug/l

RT: 13.729 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

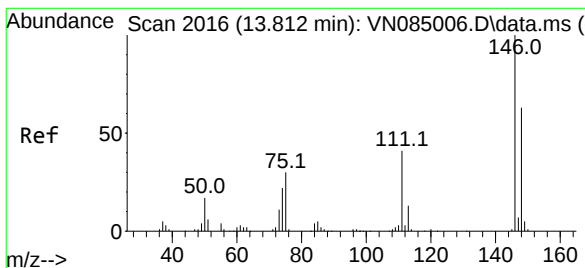
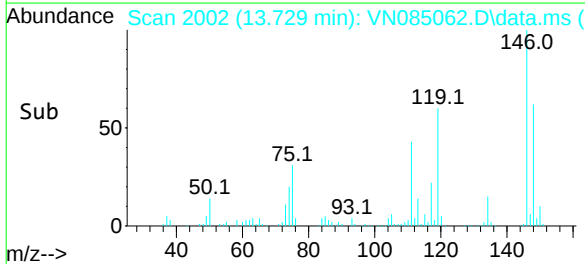
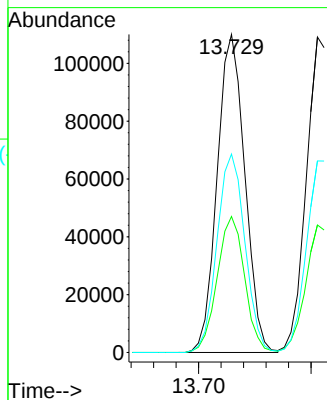
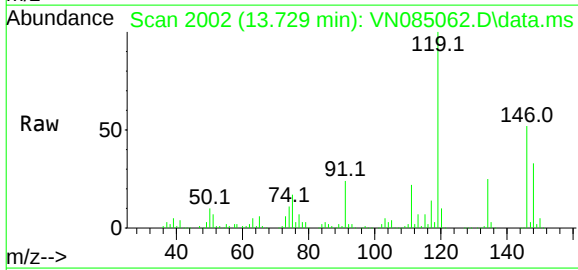
Tgt Ion:	146	Resp:	188222
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.6	65.0
148	62.9	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#88

1,4-Dichlorobenzene

Concen: 43.376 ug/l

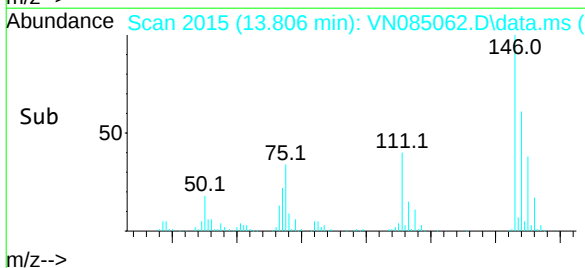
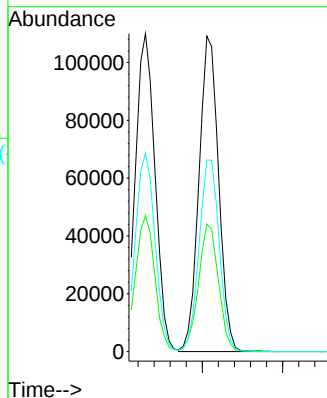
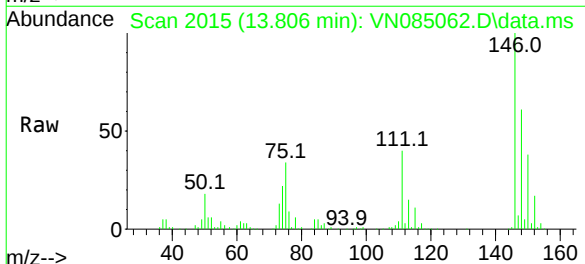
RT: 13.806 min Scan# 2015

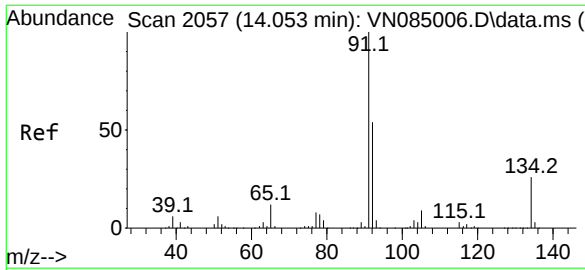
Delta R.T. -0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Tgt Ion:	146	Resp:	185519
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.9	62.8
148	62.7	31.3	93.9





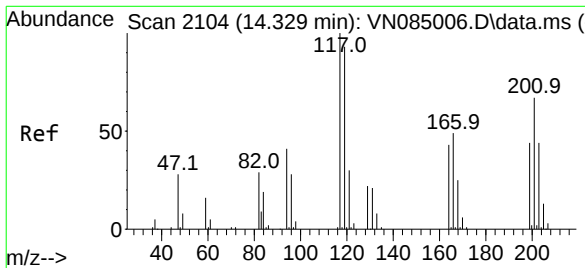
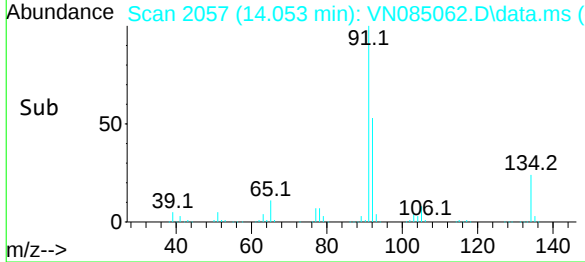
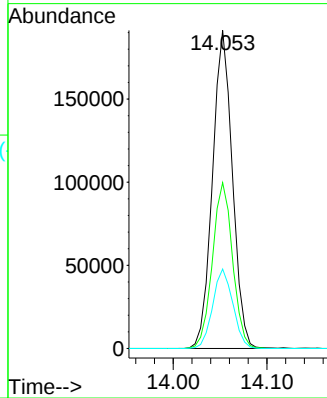
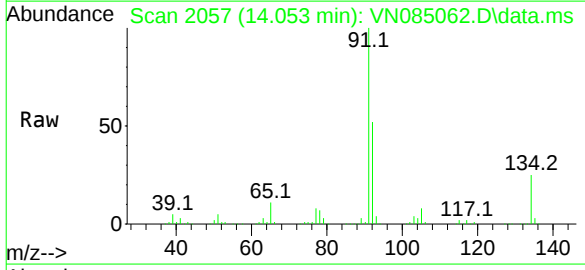
#89
n-Butylbenzene
Concen: 47.794 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	282555
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.8	80.3
134	25.3	12.8	38.4

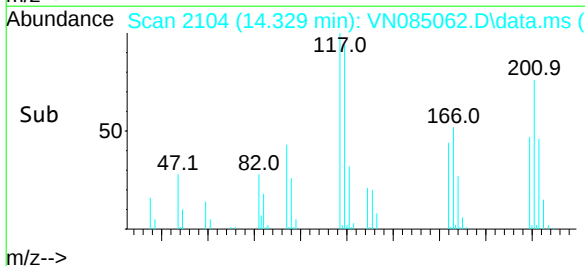
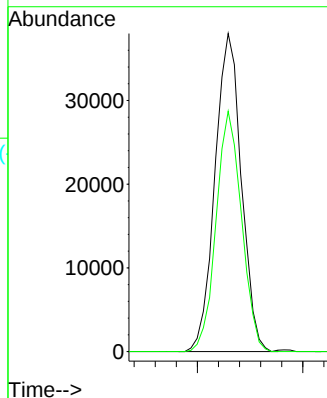
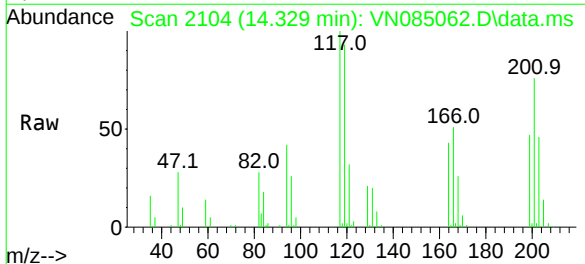
Manual Integrations
APPROVED

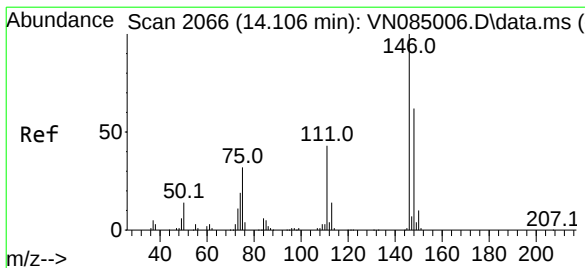
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#90
Hexachloroethane
Concen: 47.682 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Tgt Ion:	117	Resp:	66073
Ion	Ratio	Lower	Upper
117	100		
201	72.7	35.2	105.6





#91
1,2-Dichlorobenzene
Concen: 44.731 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

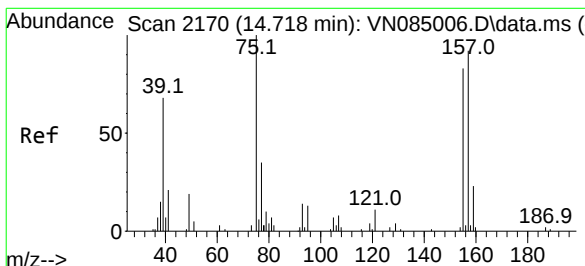
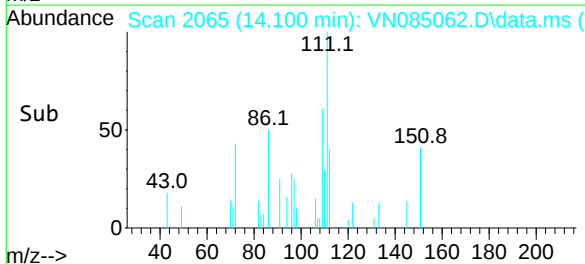
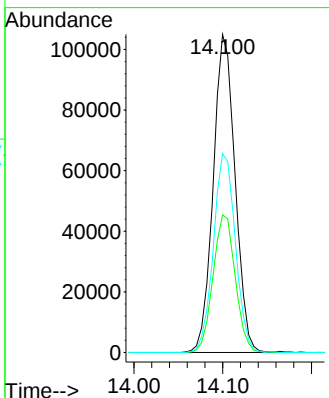
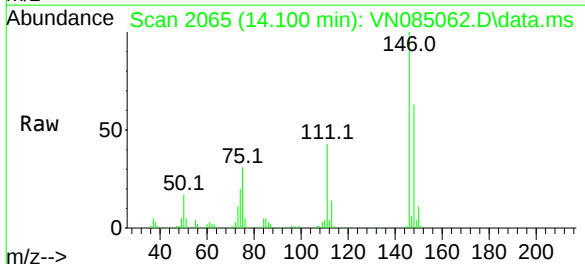
ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 179645
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.8
148 63.1 31.1 93.2

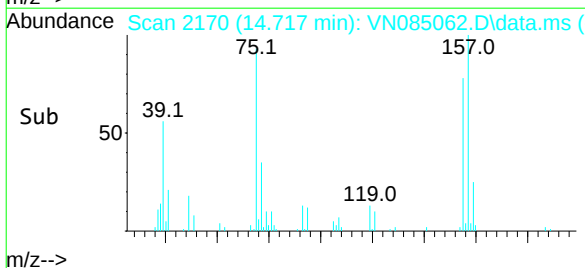
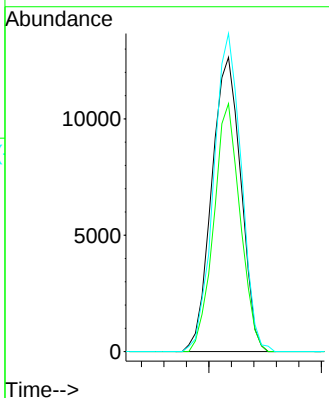
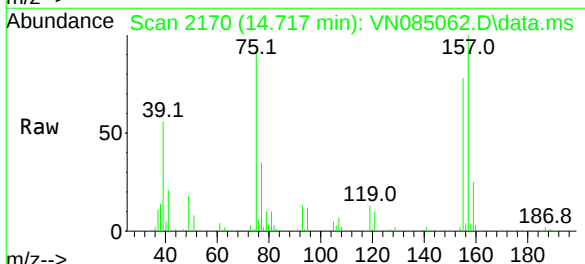
Manual Integrations
APPROVED

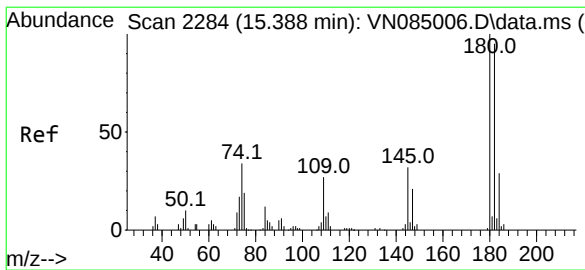
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.780 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

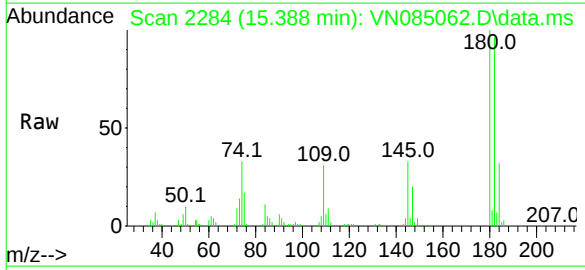
Tgt Ion: 75 Resp: 22826
Ion Ratio Lower Upper
75 100
155 76.1 38.9 116.7
157 102.4 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 44.246 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31

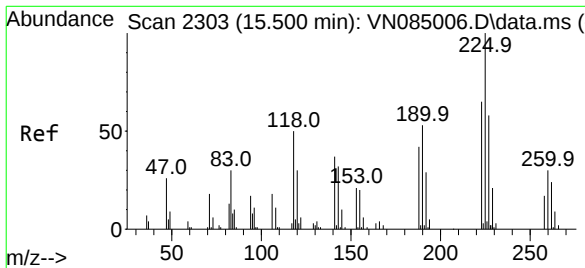
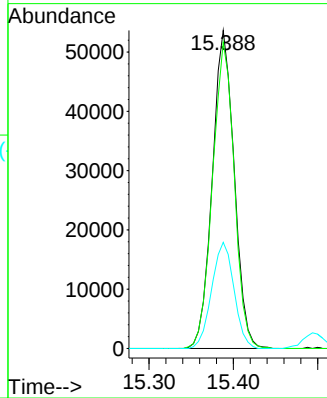
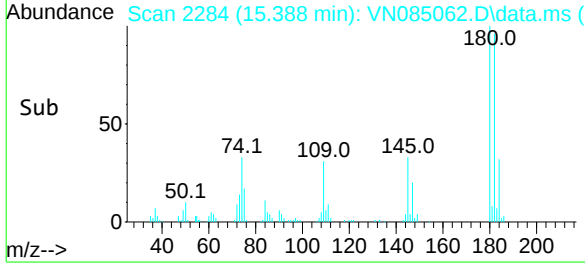
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



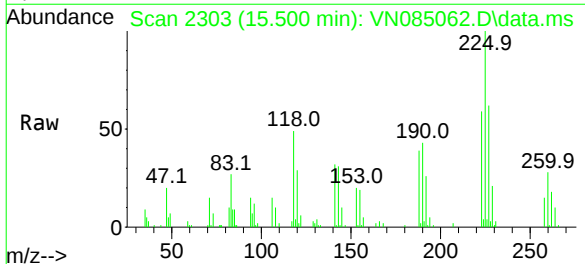
Tgt Ion:180 Resp: 96536
Ion Ratio Lower Upper
180 100
182 95.9 46.9 140.8
145 34.1 16.3 48.8

Manual Integrations
APPROVED

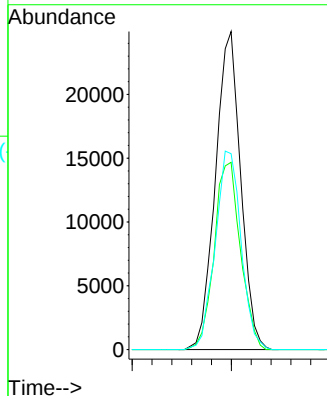
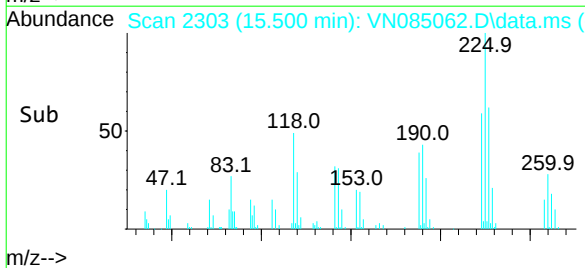
Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

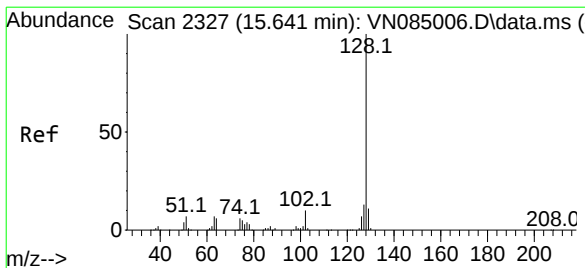


#94
Hexachlorobutadiene
Concen: 43.792 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085062.D
Acq: 02 Dec 2024 10:31



Tgt Ion:225 Resp: 44096
Ion Ratio Lower Upper
225 100
223 61.3 30.9 92.8
227 63.9 31.5 94.5





#95

Naphthalene

Concen: 46.366 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

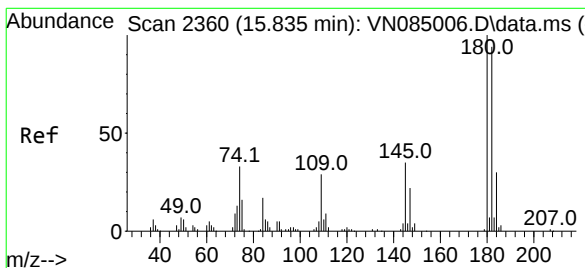
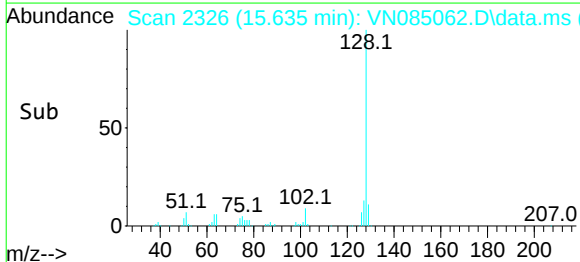
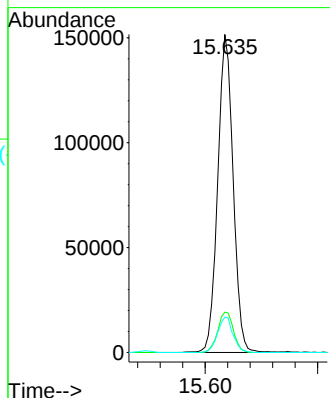
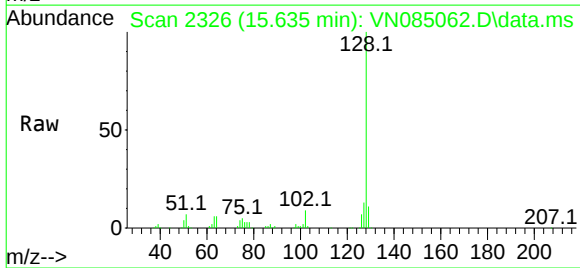
Tgt Ion:	128	Resp:	288127
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	11.1	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/03/2024

Supervised By :Mahesh Dadoda 12/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 47.104 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085062.D

Acq: 02 Dec 2024 10:31

Tgt Ion:	180	Resp:	98063
Ion	Ratio	Lower	Upper
180	100		
182	93.4	46.4	139.2
145	34.4	17.3	52.0

