

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085006.D
 Acq On : 22 Nov 2024 11:46
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 01:58:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	163353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	271467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	232158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114469	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	115244	49.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.060%
35) Dibromofluoromethane	8.159	113	92297	50.417	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.840%
50) Toluene-d8	10.565	98	338938	51.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.847	95	126840	51.698	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	91455	49.512	ug/l	100
3) Chloromethane	2.360	50	96463	45.027	ug/l	100
4) Vinyl Chloride	2.512	62	93960	48.804	ug/l	100
5) Bromomethane	2.901	94	50828	47.102	ug/l	100
6) Chloroethane	3.065	64	61844	47.657	ug/l	100
7) Trichlorofluoromethane	3.459	101	157642	48.134	ug/l	100
8) Diethyl Ether	3.948	74	57011	51.145	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	90080	48.495	ug/l	100
10) Methyl Iodide	4.571	142	122086	49.653	ug/l	100
11) Tert butyl alcohol	5.542	59	73708	237.049	ug/l	100
12) 1,1-Dichloroethene	4.318	96	85520	49.324	ug/l	100
13) Acrolein	4.165	56	57099	275.201	ug/l	100
14) Allyl chloride	5.006	41	144773	49.531	ug/l	100
15) Acrylonitrile	5.712	53	214719	243.910	ug/l	100
16) Acetone	4.424	43	165611	244.384	ug/l	100
17) Carbon Disulfide	4.695	76	240507	46.996	ug/l	100
18) Methyl Acetate	5.018	43	107105	49.436	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	288810	50.982	ug/l	100
20) Methylene Chloride	5.265	84	96084	46.464	ug/l	100
21) trans-1,2-Dichloroethene	5.771	96	91214	49.992	ug/l	100
22) Diisopropyl ether	6.665	45	290883	49.447	ug/l	100
23) Vinyl Acetate	6.595	43	1058594	260.842	ug/l	100
24) 1,1-Dichloroethane	6.553	63	171385	48.684	ug/l	100
25) 2-Butanone	7.483	43	270539	244.184	ug/l	100
26) 2,2-Dichloropropane	7.483	77	162280	49.367	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	107332	48.796	ug/l	100
28) Bromochloromethane	7.806	49	64580	48.597	ug/l	100
29) Tetrahydrofuran	7.836	42	175063	254.088	ug/l	100
30) Chloroform	7.959	83	179452	47.921	ug/l	100
31) Cyclohexane	8.253	56	144139	46.504	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	165474	48.900	ug/l	100
36) 1,1-Dichloropropene	8.365	75	123540	49.822	ug/l	100
37) Ethyl Acetate	7.553	43	109296	48.484	ug/l	100
38) Carbon Tetrachloride	8.353	117	144897	50.624	ug/l	100
39) Methylcyclohexane	9.594	83	137583	53.395	ug/l	100
40) Benzene	8.600	78	386616	49.297	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	62534	50.102	ug/l	100
42) 1,2-Dichloroethane	8.665	62	130440	48.616	ug/l	100
43) Isopropyl Acetate	8.683	43	204483	43.670	ug/l	100
44) Trichloroethene	9.347	130	88746	48.692	ug/l	100
45) 1,2-Dichloropropane	9.618	63	94677	49.013	ug/l	100
46) Dibromomethane	9.706	93	66370	49.447	ug/l	100
47) Bromodichloromethane	9.883	83	141808	49.849	ug/l	100
48) Methyl methacrylate	9.677	41	89202	51.193	ug/l	100
49) 1,4-Dioxane	9.694	88	31557	1044.331	ug/l	100
51) 4-Methyl-2-Pentanone	10.441	43	551484	257.854	ug/l	100
52) Toluene	10.624	92	240730	51.850	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	148995	52.241	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	156342	51.671	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	87334	50.501	ug/l	100
56) Ethyl methacrylate	10.871	69	140546	55.617	ug/l	100
57) 1,3-Dichloropropane	11.159	76	151573	49.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	368190	297.030	ug/l	100
59) 2-Hexanone	11.194	43	424152	265.165	ug/l	100
60) Dibromochloromethane	11.359	129	104699	49.538	ug/l	100
61) 1,2-Dibromoethane	11.465	107	89471	49.991	ug/l	100
64) Tetrachloroethene	11.100	164	76257	48.747	ug/l	100
65) Chlorobenzene	11.888	112	252937	48.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	92289	49.785	ug/l	100
67) Ethyl Benzene	11.959	91	451491	52.856	ug/l	100
68) m/p-Xylenes	12.071	106	342033	105.174	ug/l	100
69) o-Xylene	12.394	106	164137	53.059	ug/l	100
70) Styrene	12.406	104	277349	53.912	ug/l	100
71) Bromoform	12.576	173	71858	52.221	ug/l #	100
73) Isopropylbenzene	12.694	105	415716	51.479	ug/l	100
74) N-ethyl acetate	12.494	43	177685	53.396	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	126215	45.771	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	103311m	48.246	ug/l	
77) Bromobenzene	12.976	156	105184	48.402	ug/l	100
78) n-propylbenzene	13.035	91	484892	52.059	ug/l	100
79) 2-Chlorotoluene	13.124	91	305747	49.174	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	360125	53.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46724	50.990	ug/l	100
82) 4-Chlorotoluene	13.218	91	317569	49.063	ug/l	100
83) tert-Butylbenzene	13.435	119	301180	51.657	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	371046	53.195	ug/l	100
85) sec-Butylbenzene	13.612	105	419761	53.296	ug/l	100
86) p-Isopropyltoluene	13.723	119	353974	54.443	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	196552	45.855	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	201469	46.058	ug/l	100
89) n-Butylbenzene	14.053	91	305730	50.564	ug/l	100
90) Hexachloroethane	14.329	117	69444	49.001	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	193123	47.019	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	25059	46.995	ug/l	100
93) 1,2,4-Trichlorobenzene	15.388	180	103265	46.278	ug/l	100
94) Hexachlorobutadiene	15.500	225	46186	44.848	ug/l	100
95) Naphthalene	15.641	128	324523	51.063	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	102772	48.269	ug/l	100

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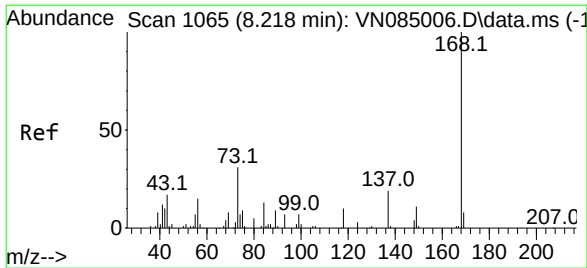
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



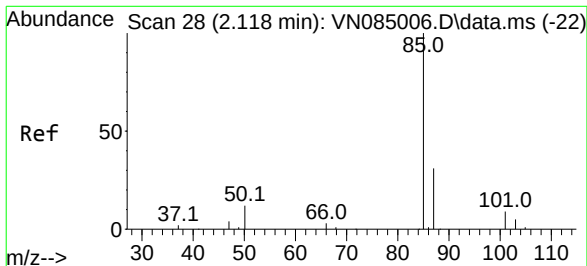
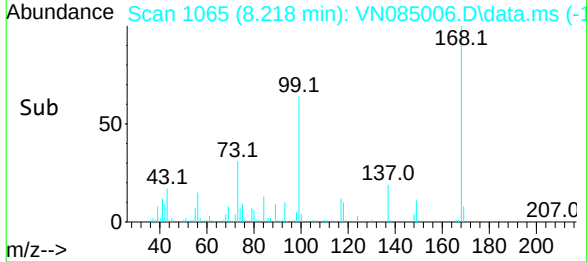
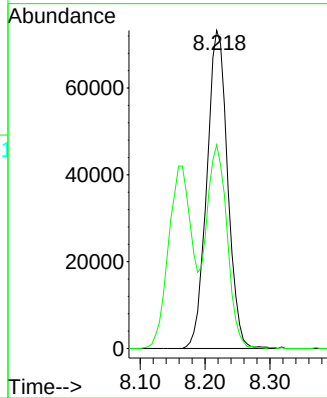
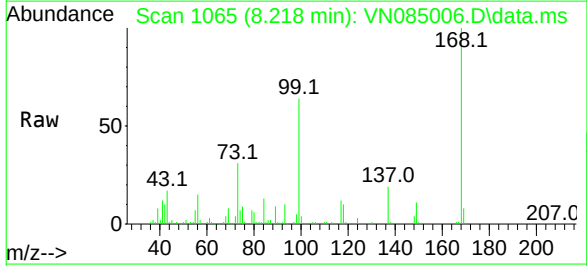
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085006.D
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Tgt Ion:168 Resp: 163353
Ion Ratio Lower Upper
168 100
99 64.0 51.2 76.8

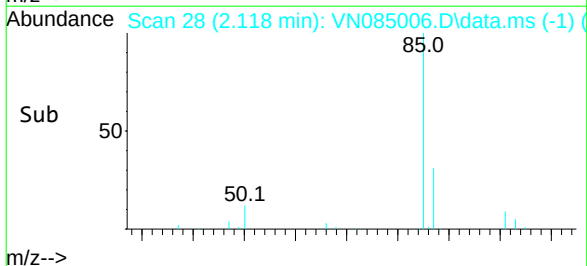
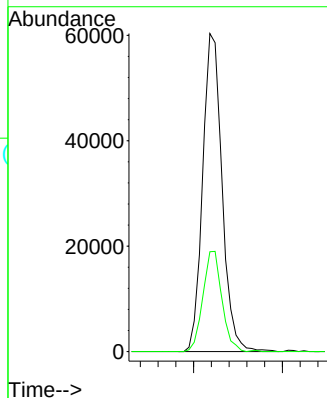
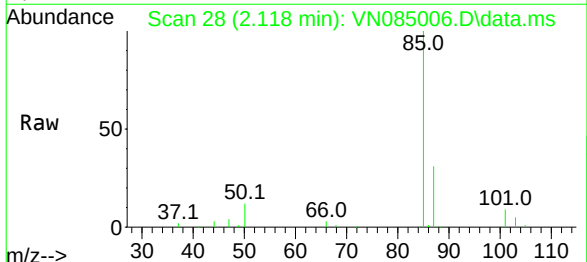
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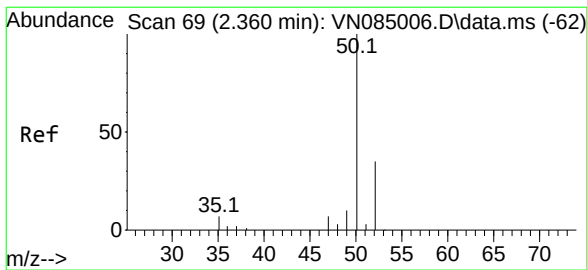
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#2
Dichlorodifluoromethane
Concen: 49.512 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 85 Resp: 91455
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.1





#3

Chloromethane

Concen: 45.027 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 50 Resp: 96463

Ion Ratio Lower Upper

50 100

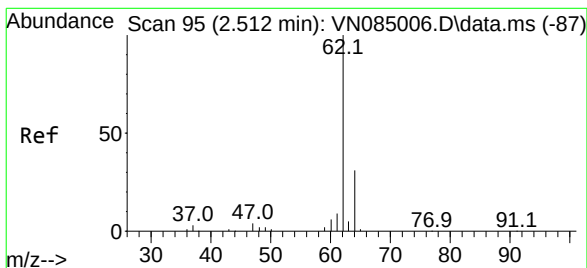
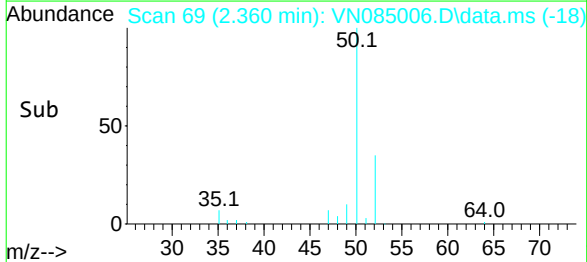
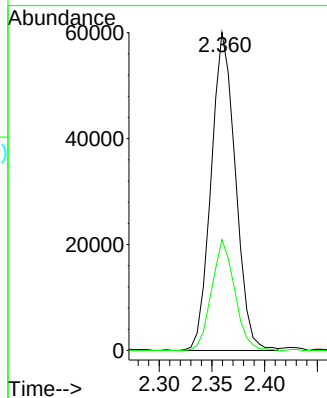
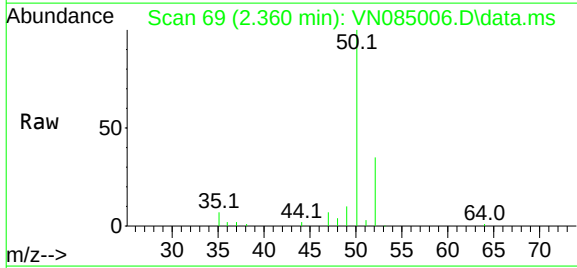
52 34.8 27.8 41.8

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#4

Vinyl Chloride

Concen: 48.804 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085006.D

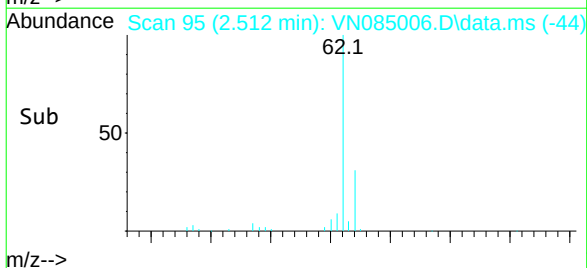
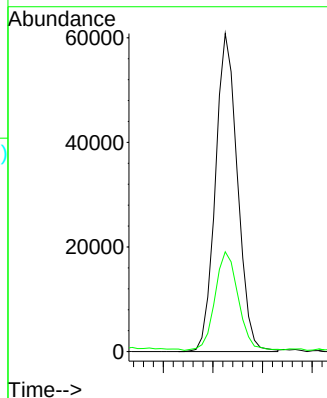
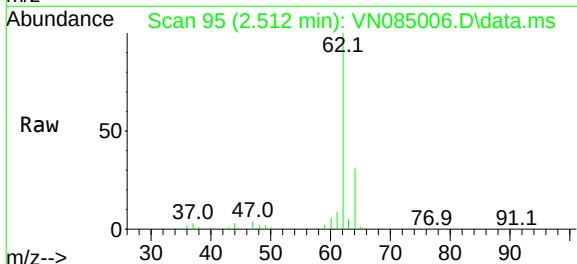
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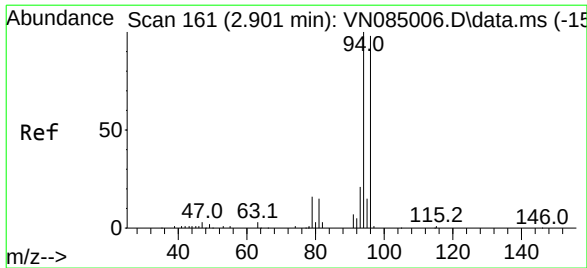
Tgt Ion: 62 Resp: 93960

Ion Ratio Lower Upper

62 100

64 30.7 24.6 36.8





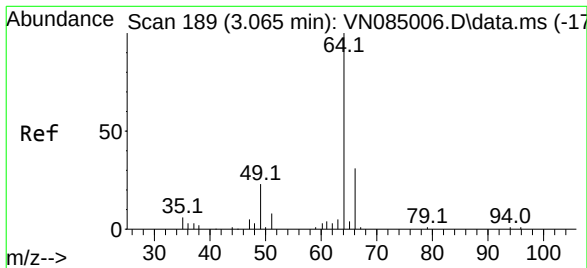
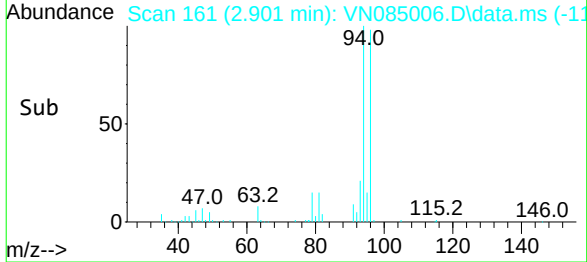
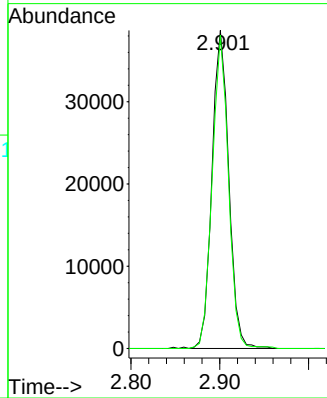
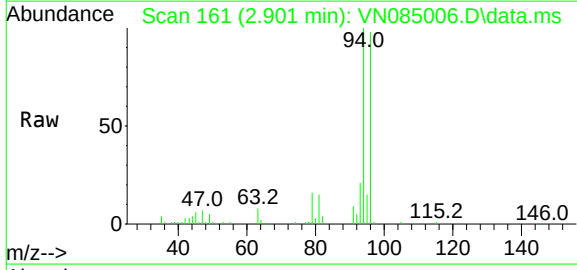
#5
Bromomethane
Concen: 47.102 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
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VSTDICCC050

Tgt Ion: 94 Resp: 50828
Ion Ratio Lower Upper
94 100
96 98.4 78.7 118.1

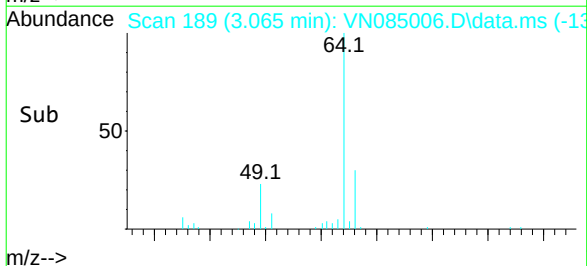
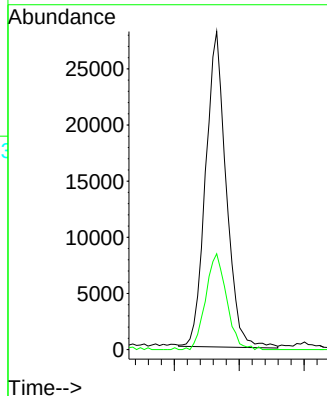
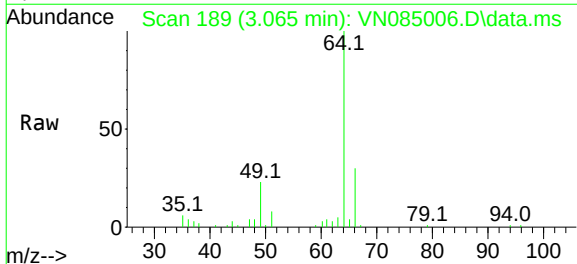
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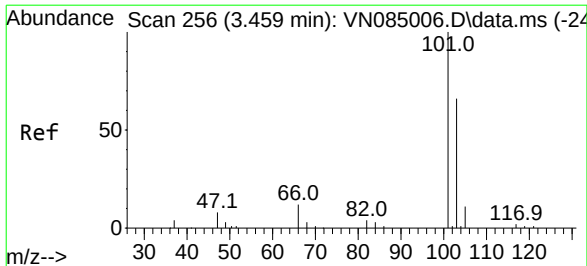
Reviewed By :John Carlone 11/25/2024
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#6
Chloroethane
Concen: 47.657 ug/l
RT: 3.065 min Scan# 189
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

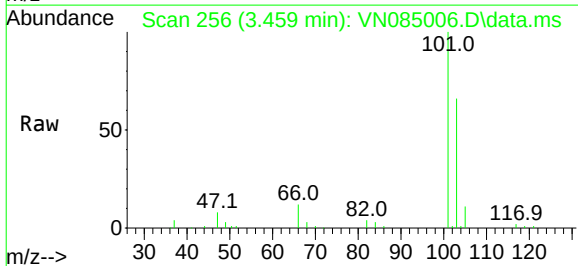
Tgt Ion: 64 Resp: 61844
Ion Ratio Lower Upper
64 100
66 30.5 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 48.134 ug/l
 RT: 3.459 min Scan# 256
 Delta R.T. 0.000 min
 Lab File: VN085006.D
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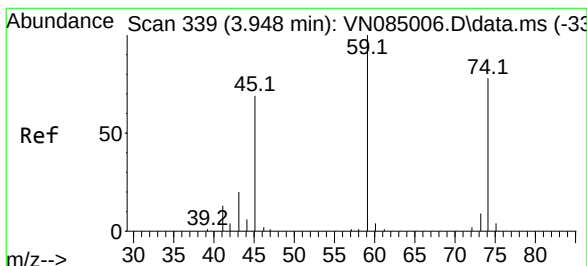
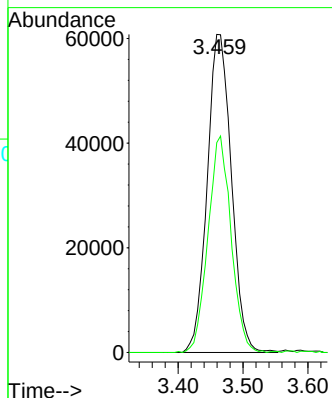
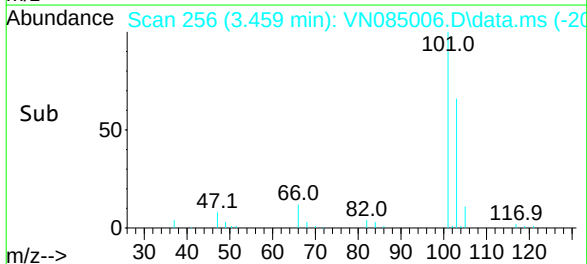
Instrument :
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 ClientSampleId :
 VSTDICCC050



Tgt Ion:101 Resp: 157642
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.6 78.8

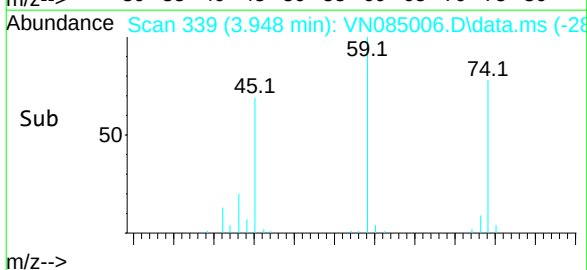
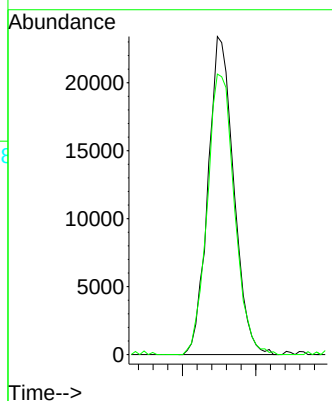
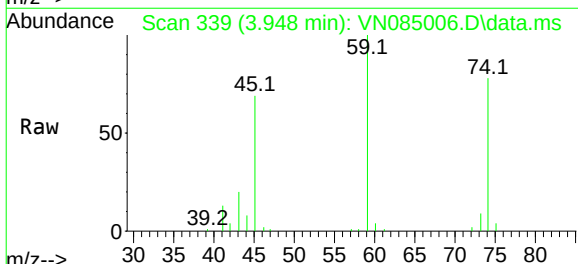
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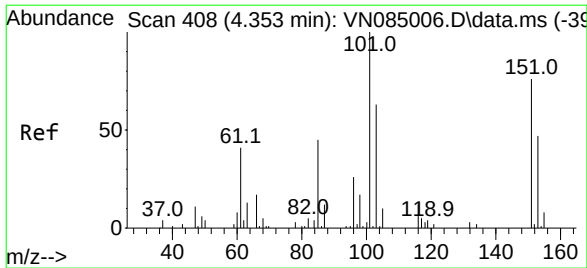
Reviewed By :John Carlone 11/25/2024
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#8
 Diethyl Ether
 Concen: 51.145 ug/l
 RT: 3.948 min Scan# 339
 Delta R.T. 0.000 min
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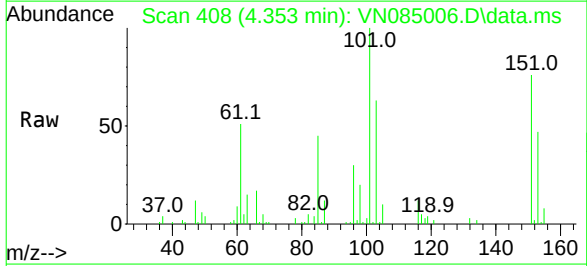
Tgt Ion: 74 Resp: 57011
 Ion Ratio Lower Upper
 74 100
 45 93.4 46.7 140.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.495 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.000 min
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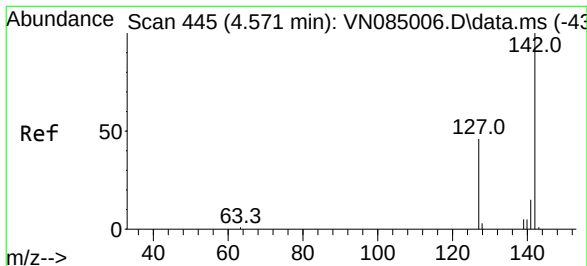
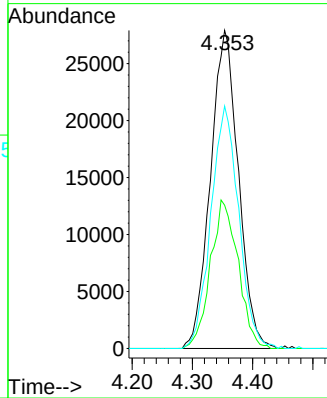
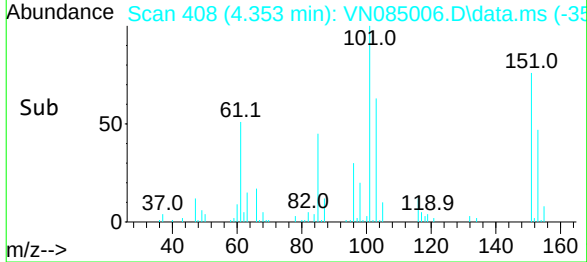
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ClientSampleId :
VSTDICCC050



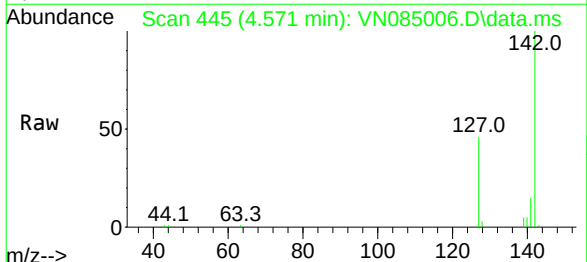
Tgt Ion:101 Resp: 90080
Ion Ratio Lower Upper
101 100
85 46.1 36.9 55.3
151 76.0 60.8 91.2

Manual Integrations
APPROVED

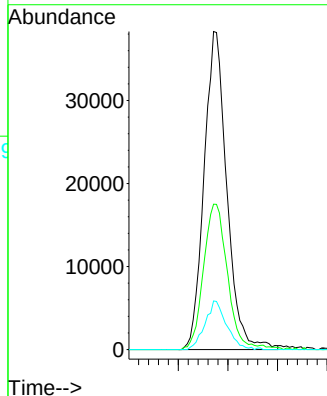
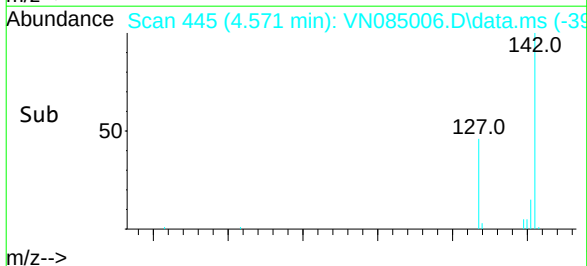
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

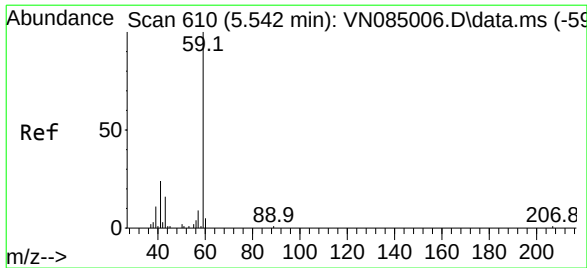


#10
Methyl Iodide
Concen: 49.653 ug/l
RT: 4.571 min Scan# 445
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



Tgt Ion:142 Resp: 122086
Ion Ratio Lower Upper
142 100
127 45.7 36.6 54.8
141 15.3 12.2 18.4





#11

Tert butyl alcohol

Concen: 237.049 ug/l

RT: 5.542 min Scan# 610

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 59 Resp: 73708

Ion Ratio Lower Upper

59 100

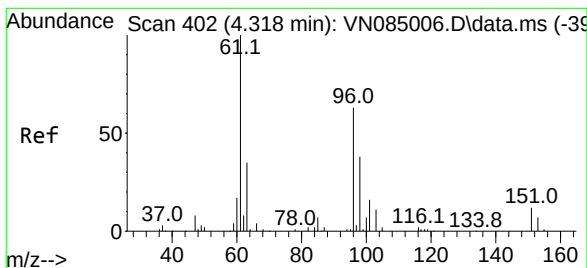
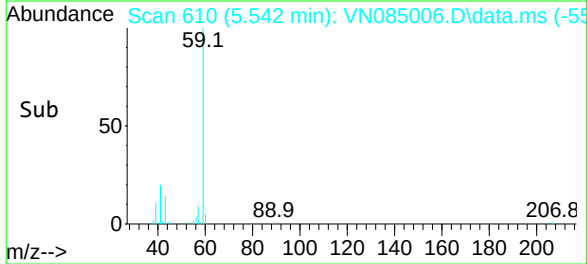
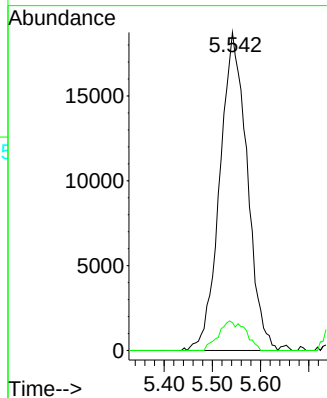
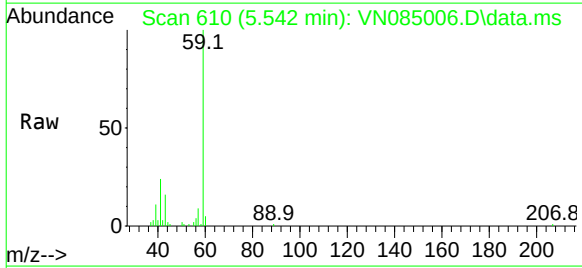
57 9.2 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#12

1,1-Dichloroethene

Concen: 49.324 ug/l

RT: 4.318 min Scan# 402

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

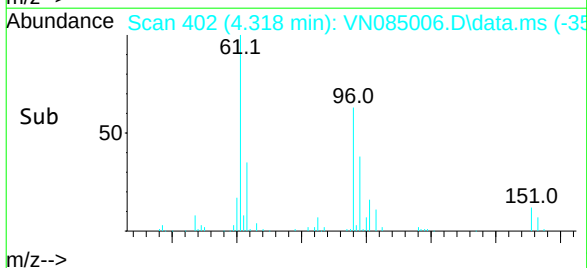
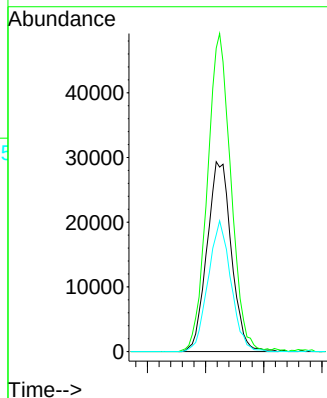
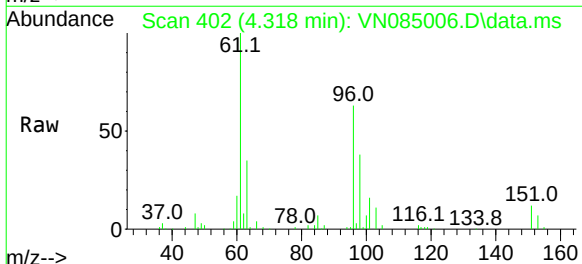
Tgt Ion: 96 Resp: 85520

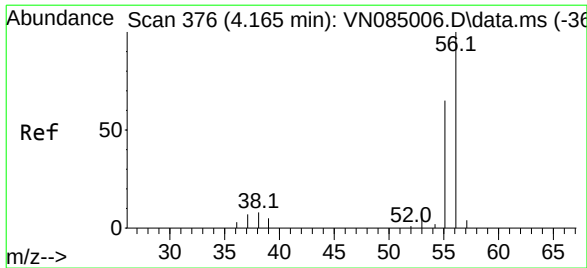
Ion Ratio Lower Upper

96 100

61 159.8 127.8 191.8

98 61.5 49.2 73.8





#13

Acrolein

Concen: 275.201 ug/l

RT: 4.165 min Scan# 376

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 56 Resp: 57099

Ion Ratio Lower Upper

56 100

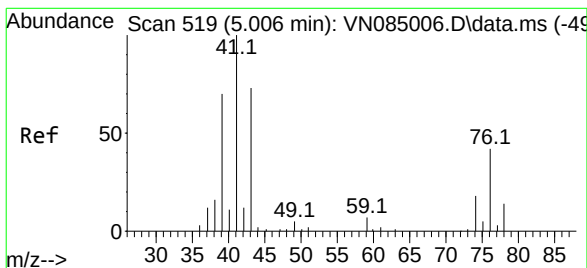
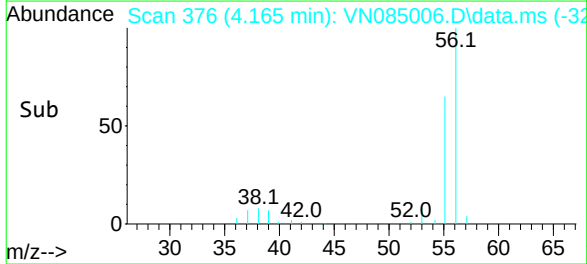
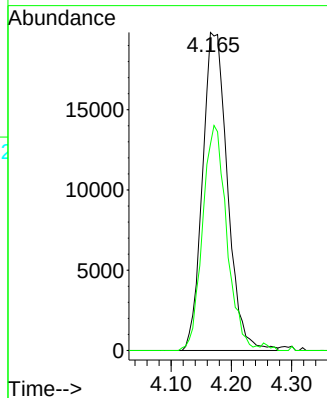
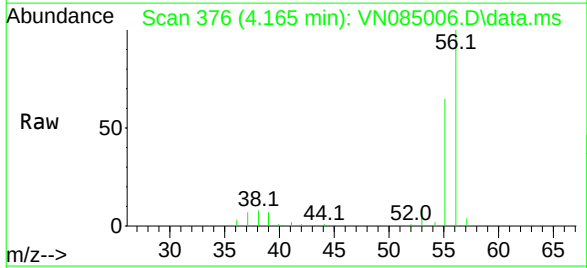
55 68.1 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#14

Allyl chloride

Concen: 49.531 ug/l

RT: 5.006 min Scan# 519

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

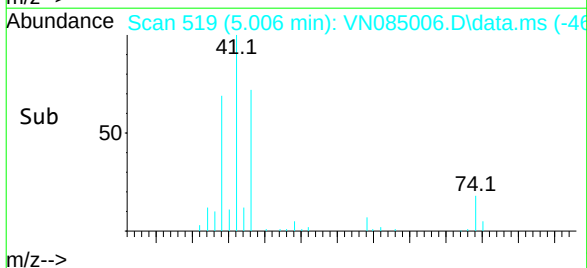
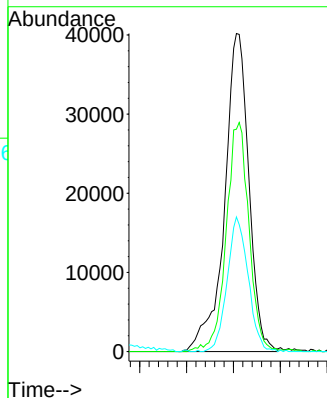
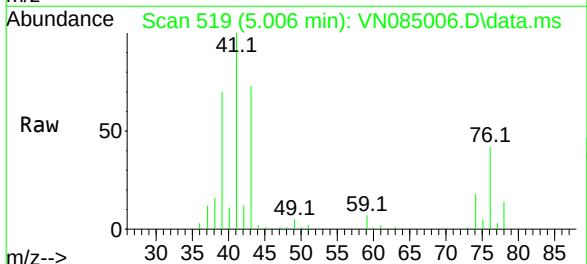
Tgt Ion: 41 Resp: 144773

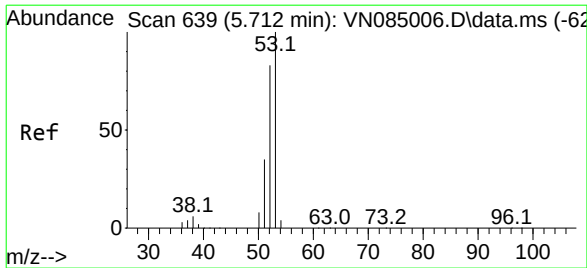
Ion Ratio Lower Upper

41 100

39 67.3 53.8 80.8

76 36.6 29.3 43.9





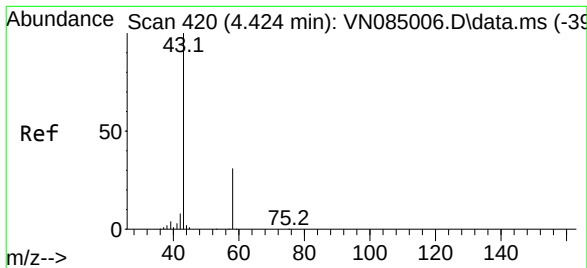
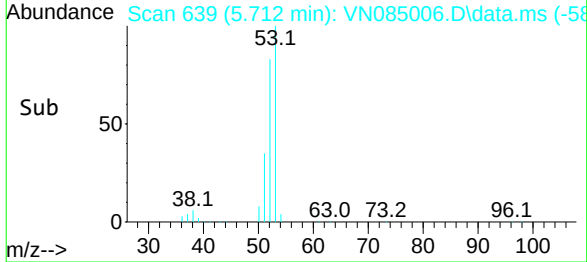
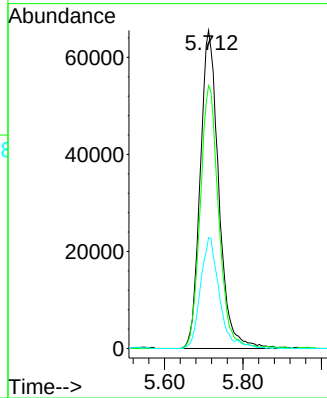
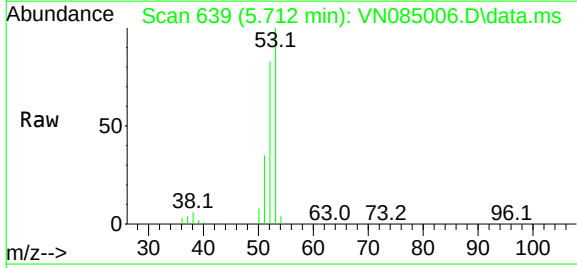
#15
Acrylonitrile
Concen: 243.910 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 53 Resp: 214719
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.5 28.4 42.6

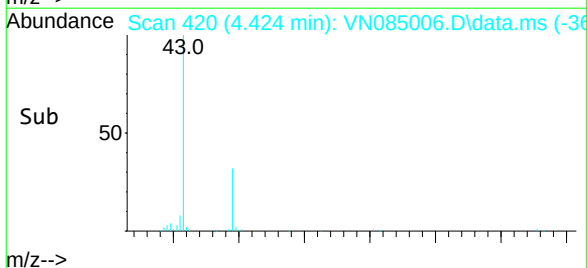
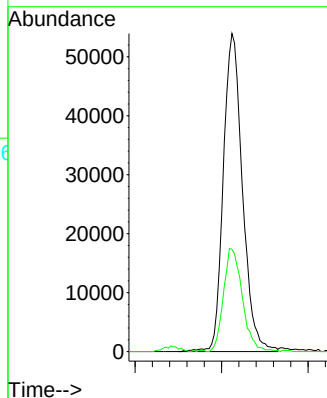
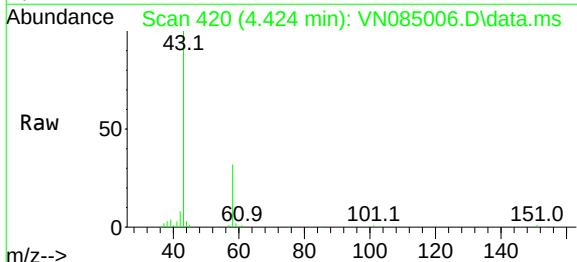
Manual Integrations
APPROVED

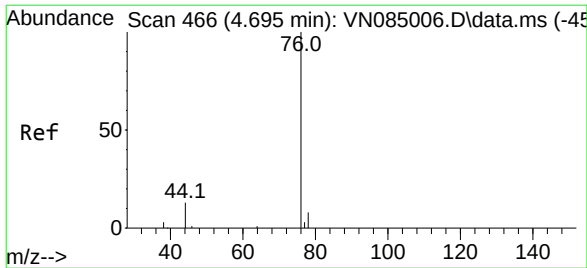
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#16
Acetone
Concen: 244.384 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 43 Resp: 165611
Ion Ratio Lower Upper
43 100
58 31.8 25.4 38.2





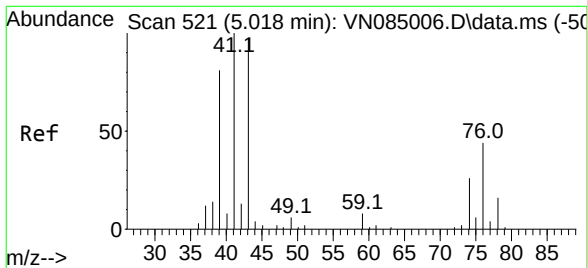
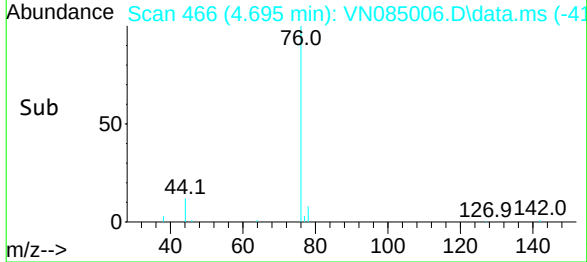
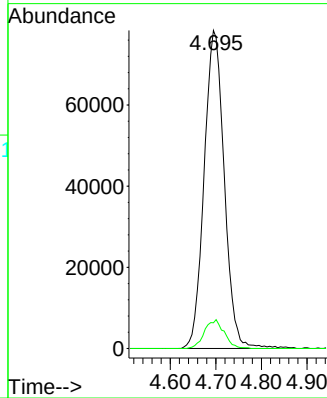
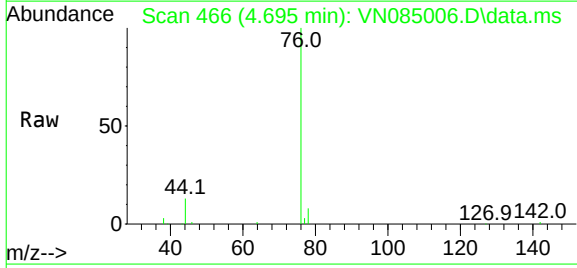
#17
Carbon Disulfide
Concen: 46.996 ug/l
RT: 4.695 min Scan# 466
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 240507
Ion Ratio Lower Upper
76 100
78 8.1 6.5 9.7

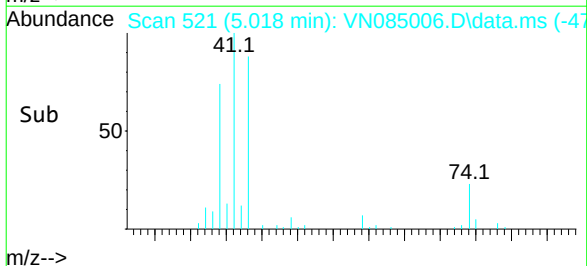
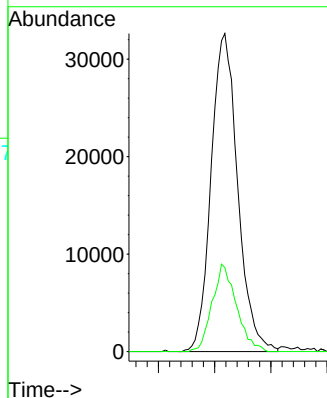
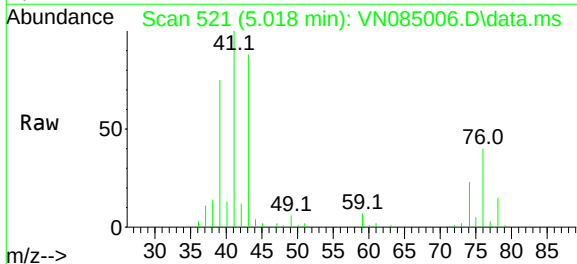
Manual Integrations
APPROVED

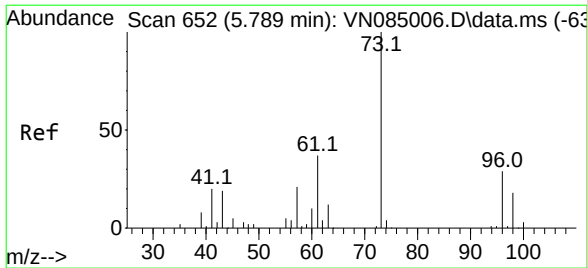
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#18
Methyl Acetate
Concen: 49.436 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

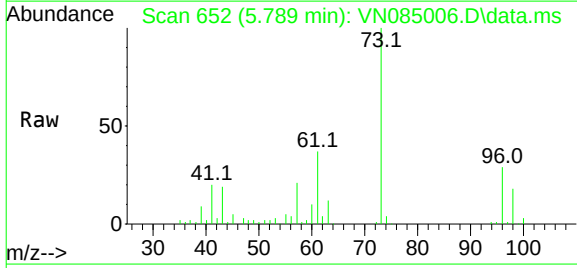
Tgt Ion: 43 Resp: 107105
Ion Ratio Lower Upper
43 100
74 25.1 20.1 30.1





#19
Methyl tert-butyl Ether
Concen: 50.982 ug/l
RT: 5.789 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

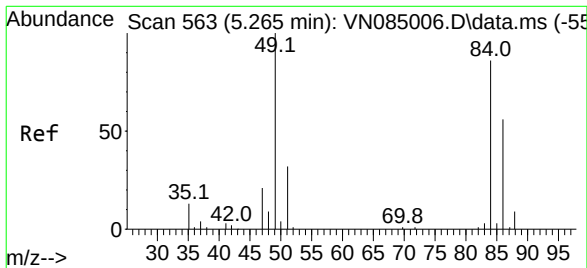
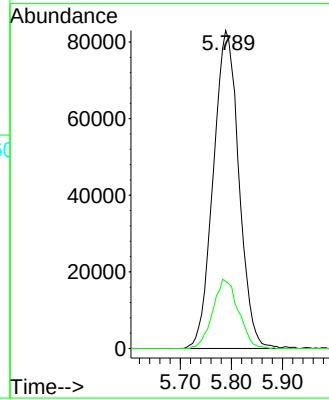
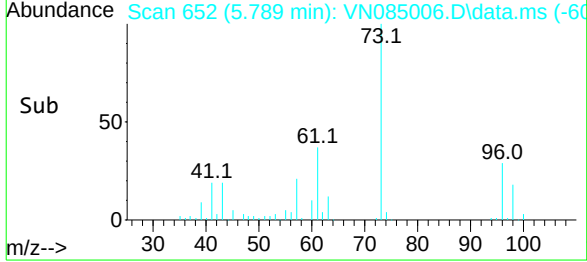
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



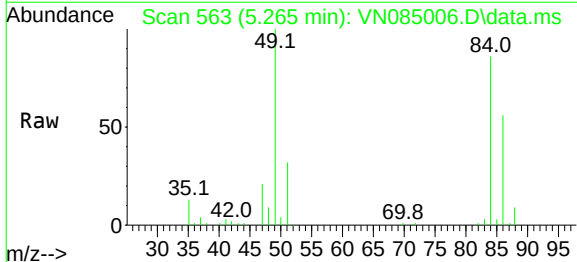
Tgt Ion: 73 Resp: 288810
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4

Manual Integrations
APPROVED

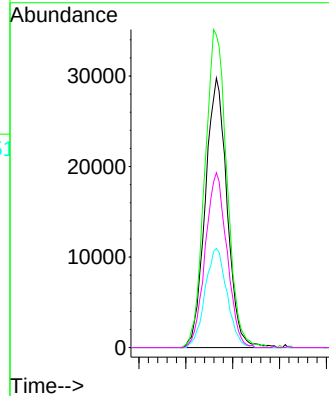
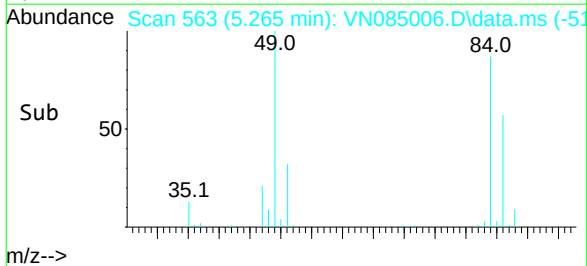
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

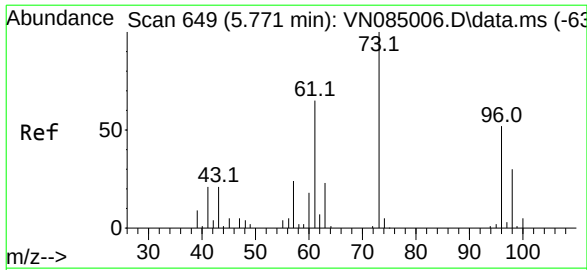


#20
Methylene Chloride
Concen: 46.464 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



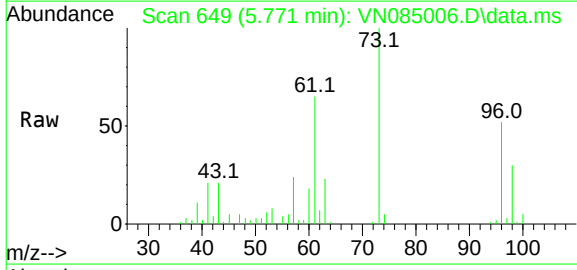
Tgt Ion: 84 Resp: 96084
Ion Ratio Lower Upper
84 100
49 115.9 92.7 139.1
51 36.8 29.4 44.2
86 64.9 51.9 77.9





#21
trans-1,2-Dichloroethene
Concen: 49.992 ug/l
RT: 5.771 min Scan# 649
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

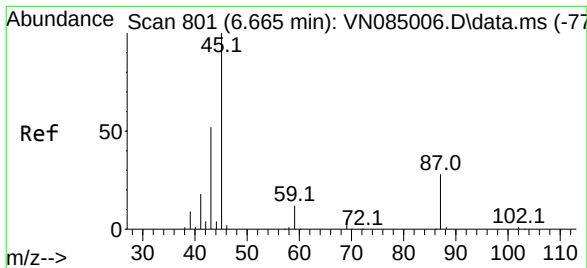
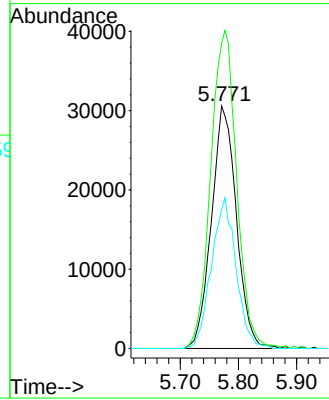
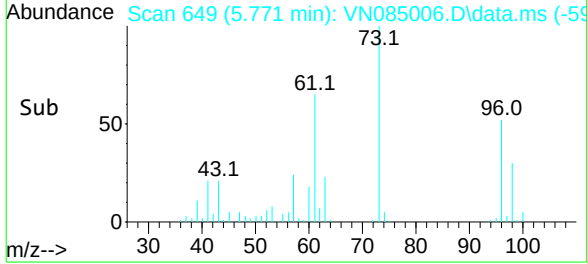
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



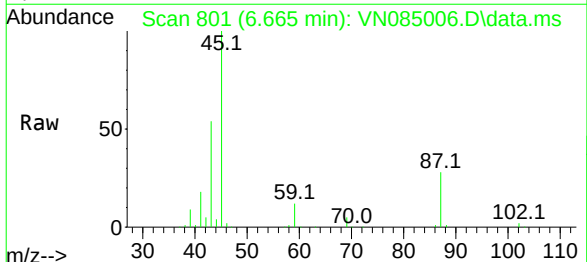
Tgt Ion: 96 Resp: 91214
Ion Ratio Lower Upper
96 100
61 125.9 100.7 151.1
98 57.2 45.8 68.6

Manual Integrations
APPROVED

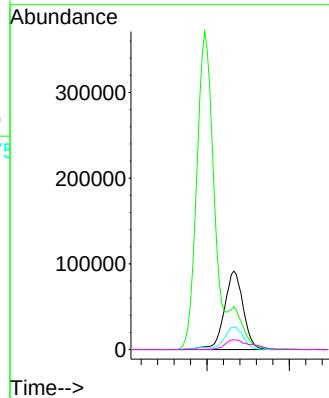
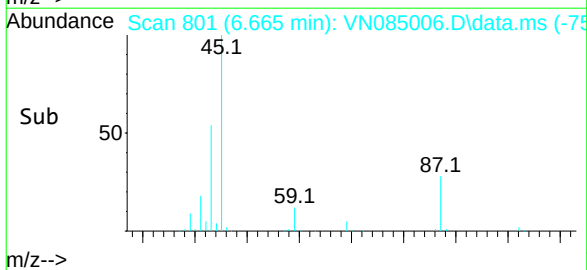
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

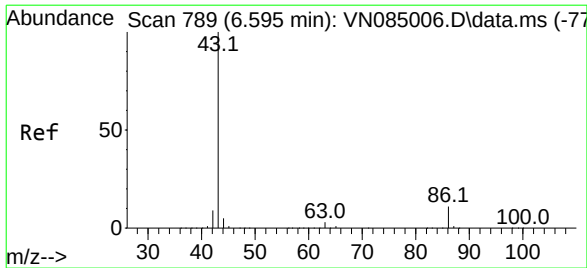


#22
Diisopropyl ether
Concen: 49.447 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



Tgt Ion: 45 Resp: 290883
Ion Ratio Lower Upper
45 100
43 53.4 42.7 64.1
87 28.3 22.6 34.0
59 12.4 9.9 14.9





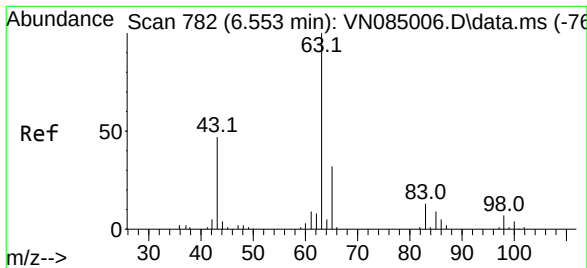
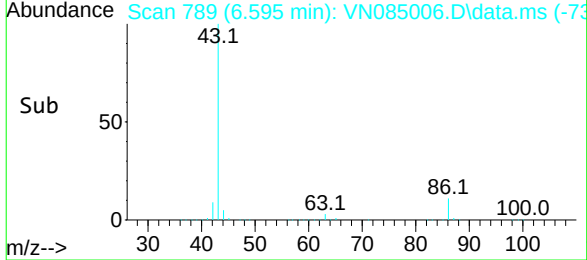
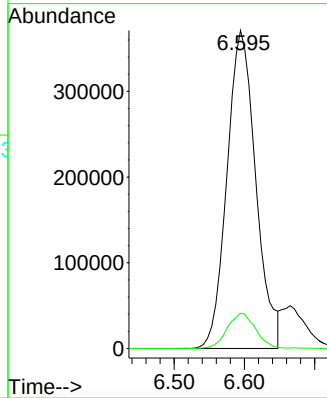
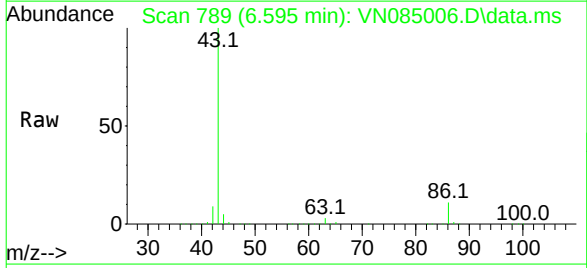
#23
 Vinyl Acetate
 Concen: 260.842 ug/l
 RT: 6.595 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1058594
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

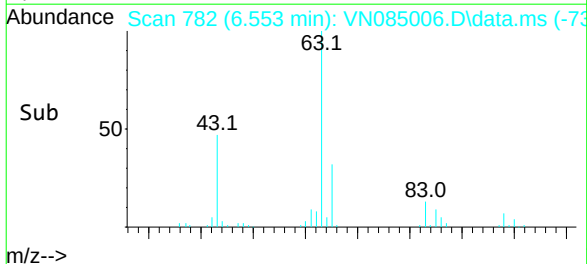
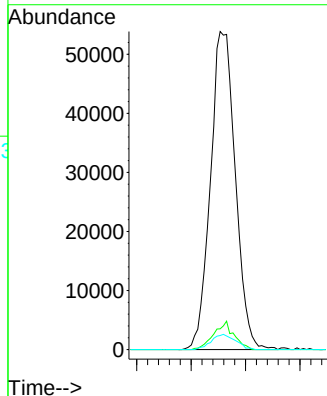
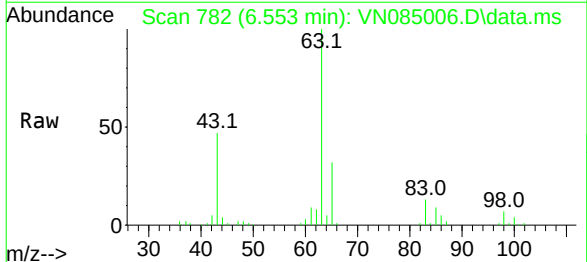
Manual Integrations
 APPROVED

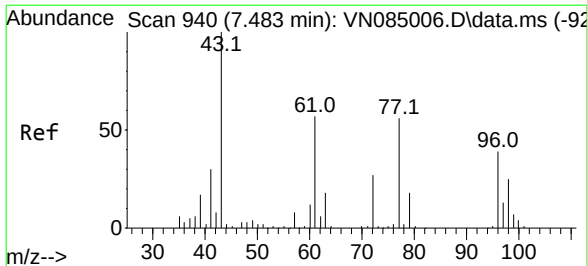
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#24
 1,1-Dichloroethane
 Concen: 48.684 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

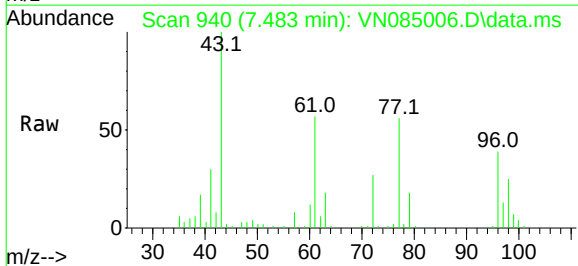
Tgt Ion: 63 Resp: 171385
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.4 2.2 6.6





#25
2-Butanone
Concen: 244.184 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

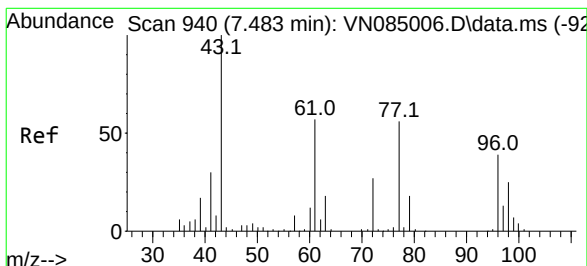
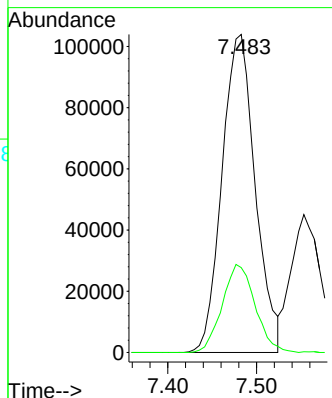
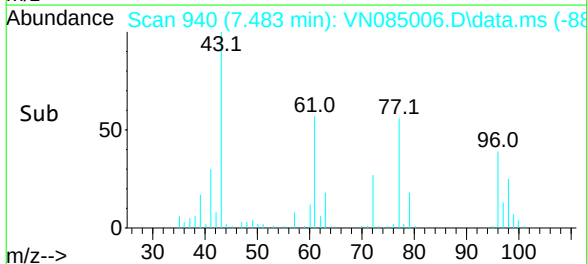
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



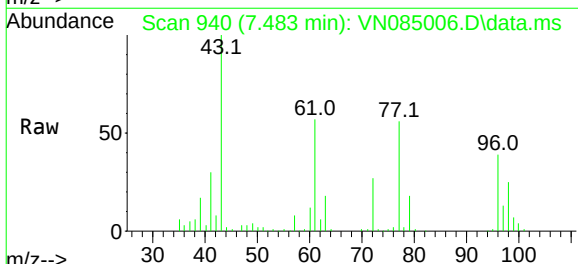
Tgt Ion: 43 Resp: 270539
Ion Ratio Lower Upper
43 100
72 26.7 21.4 32.0

Manual Integrations
APPROVED

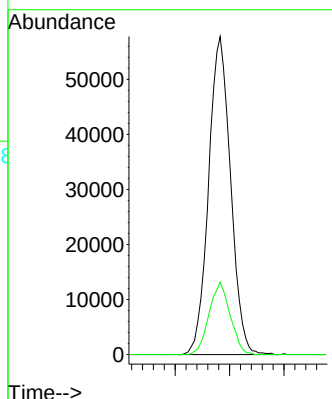
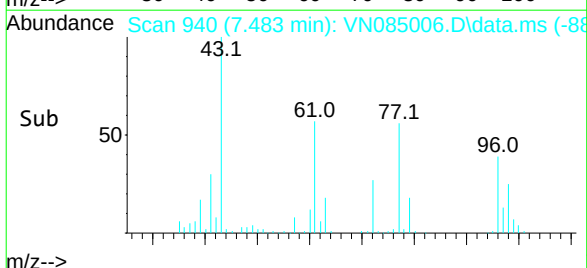
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

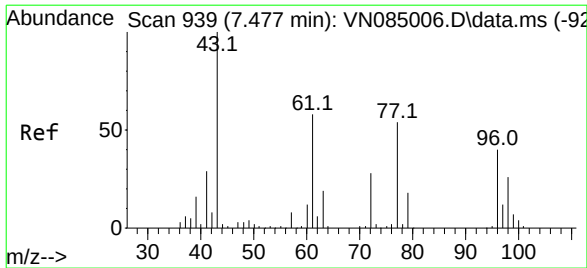


#26
2,2-Dichloropropane
Concen: 49.367 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



Tgt Ion: 77 Resp: 162280
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





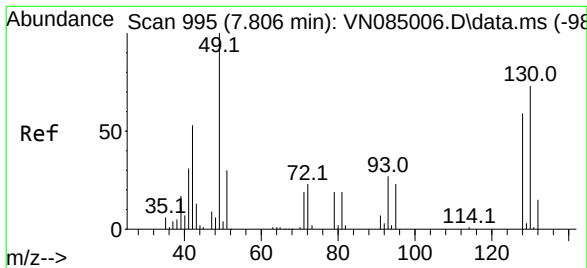
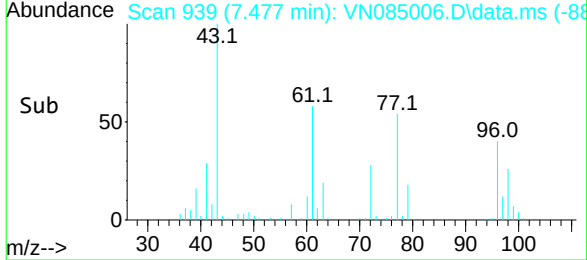
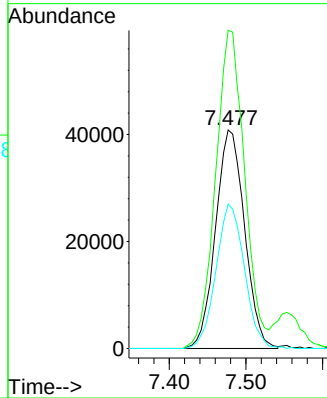
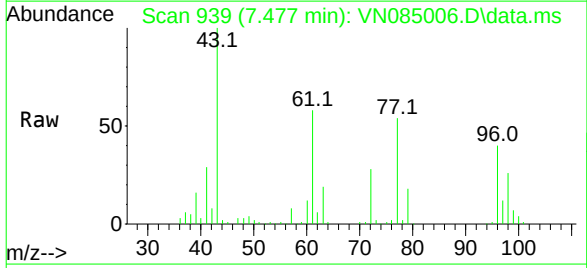
#27
 cis-1,2-Dichloroethene
 Concen: 48.796 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 107332
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 291.6
 98 64.9 0.0 129.8

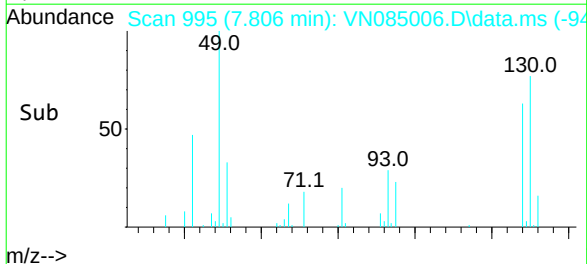
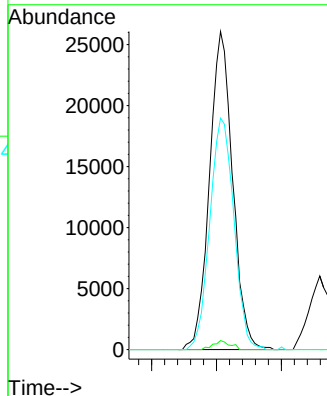
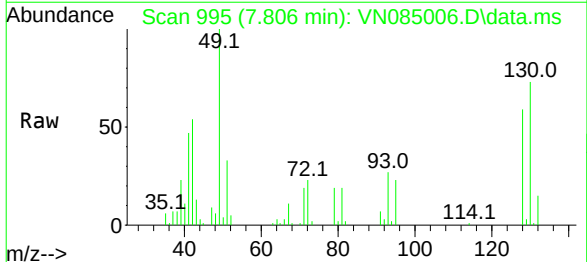
Manual Integrations
 APPROVED

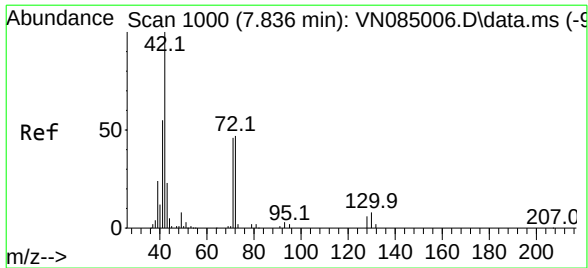
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#28
 Bromochloromethane
 Concen: 48.597 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Tgt Ion: 49 Resp: 64580
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.7 60.6 90.8





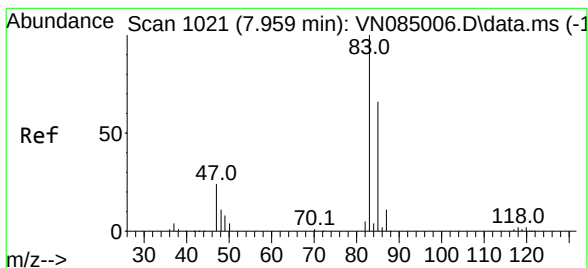
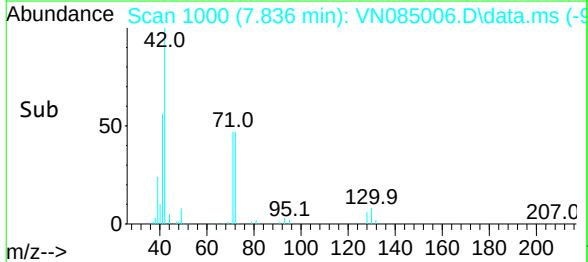
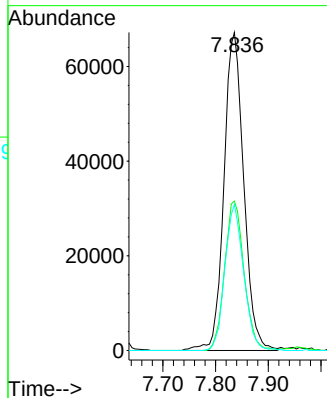
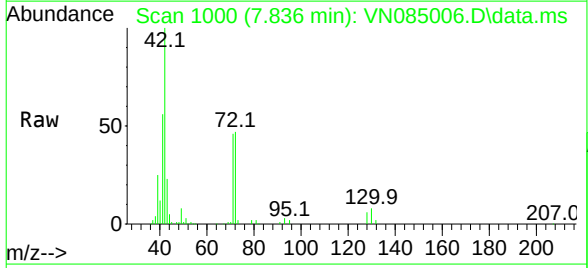
#29
Tetrahydrofuran
Concen: 254.088 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 175063
Ion Ratio Lower Upper
42 100
72 46.2 37.0 55.4
71 43.7 35.0 52.4

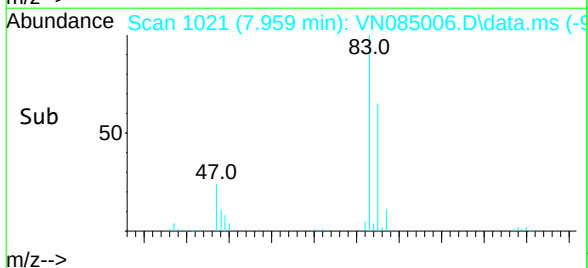
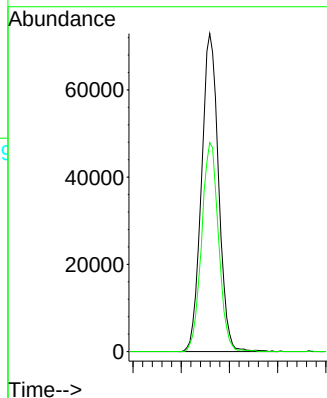
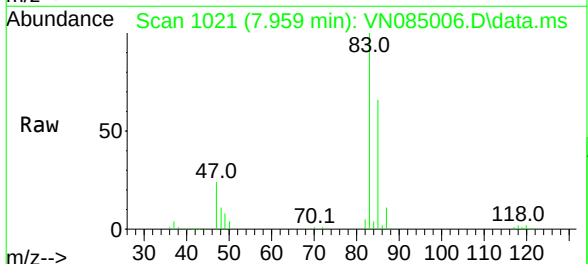
Manual Integrations
APPROVED

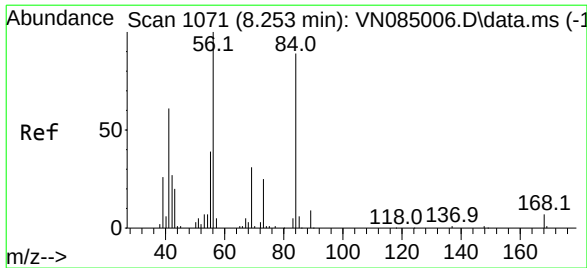
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#30
Chloroform
Concen: 47.921 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

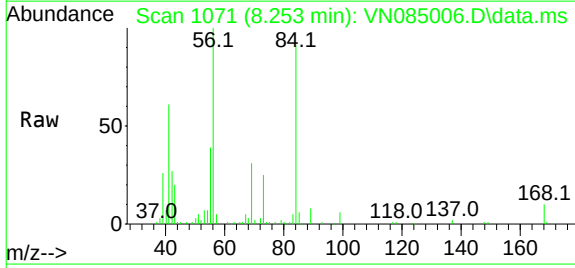
Tgt Ion: 83 Resp: 179452
Ion Ratio Lower Upper
83 100
85 65.7 52.6 78.8





#31
Cyclohexane
Concen: 46.504 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

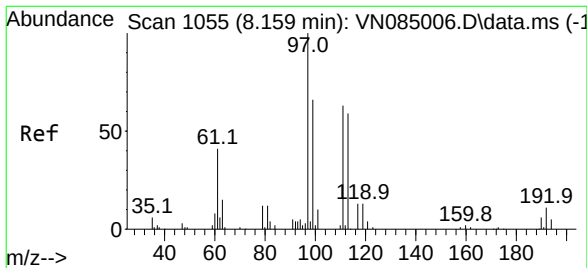
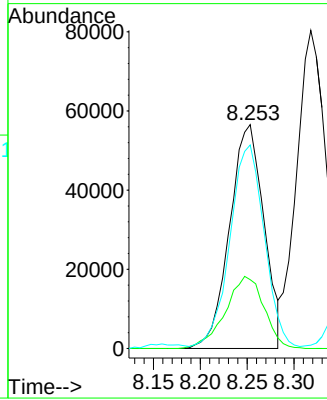
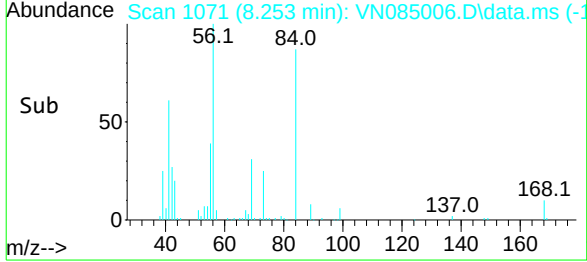
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 144139
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 89.3 71.4 107.2

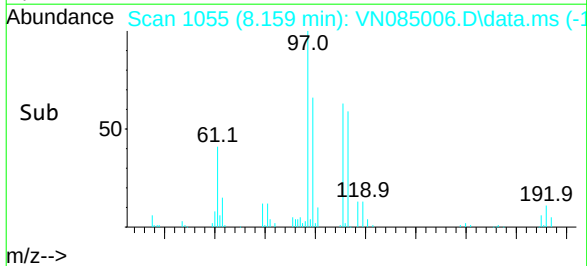
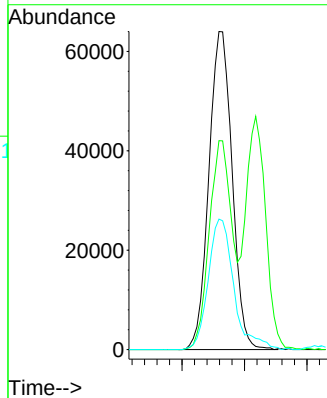
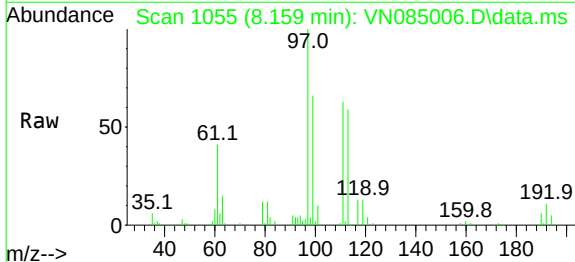
Manual Integrations
APPROVED

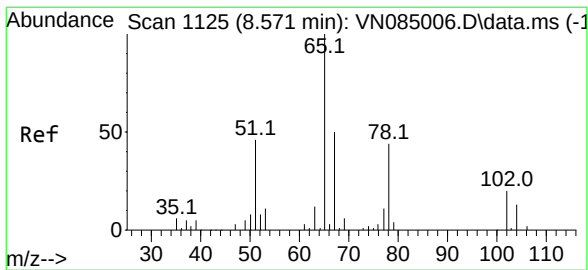
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#32
1,1,1-Trichloroethane
Concen: 48.900 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

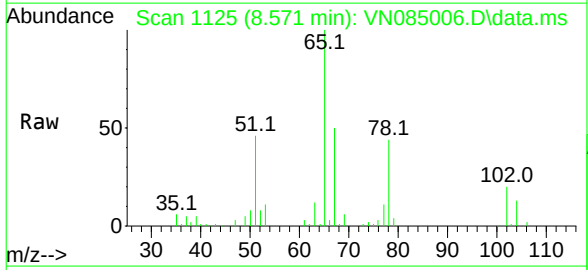
Tgt Ion: 97 Resp: 165474
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 45.2 36.2 54.2





#33
 1,2-Dichloroethane-d4
 Concen: 49.528 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

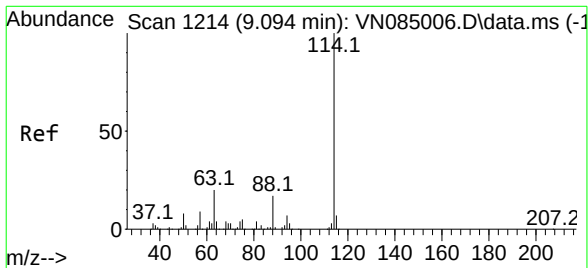
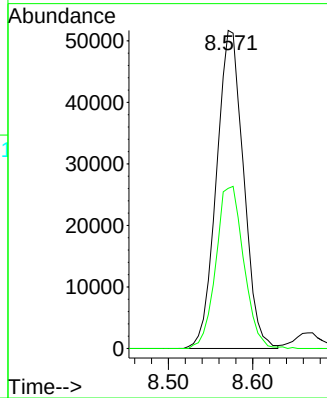
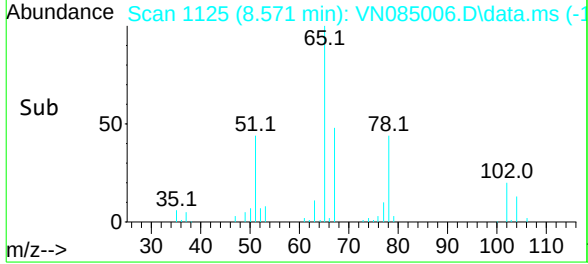
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



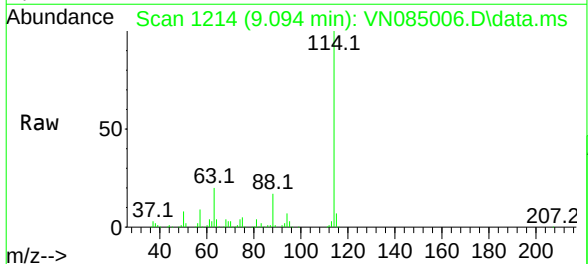
Tgt Ion: 65 Resp: 115244
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0

Manual Integrations
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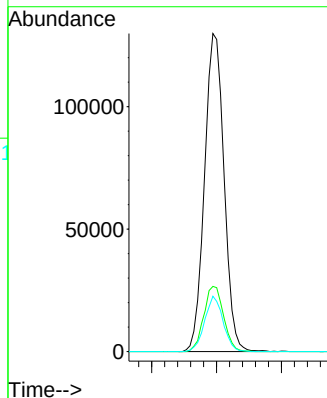
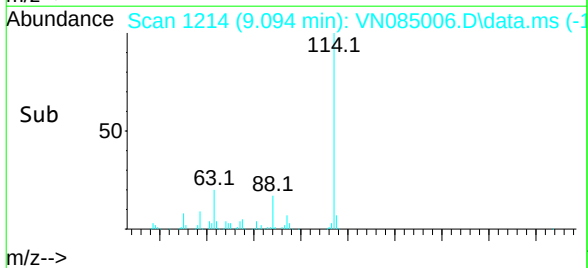
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

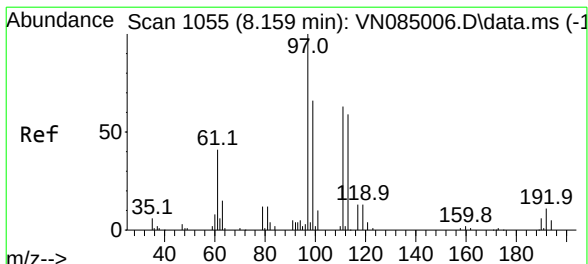


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46



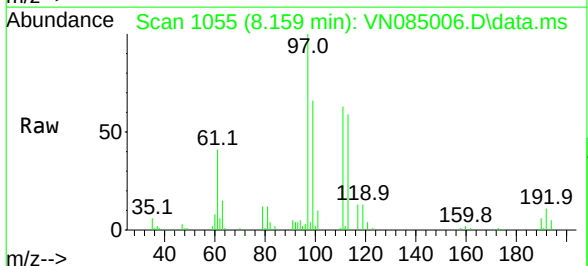
Tgt Ion:114 Resp: 271467
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 17.4 0.0 34.8





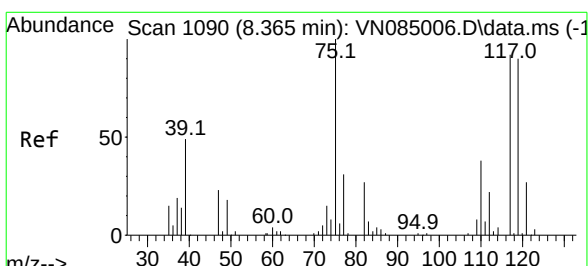
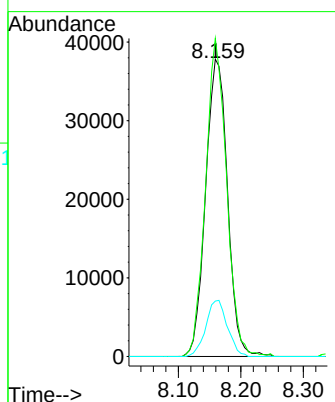
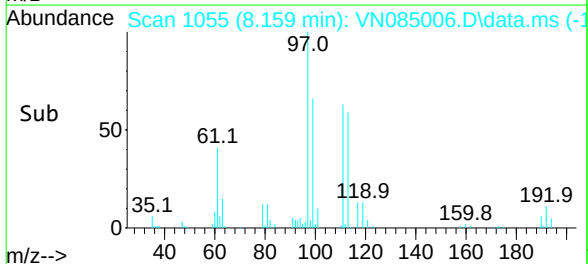
#35
 Dibromofluoromethane
 Concen: 50.417 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

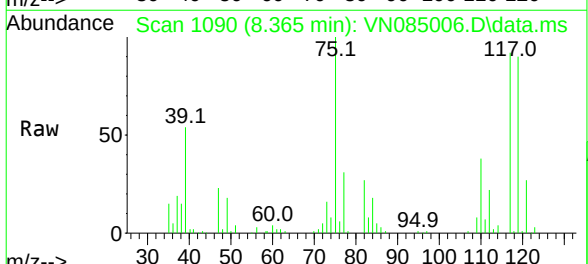


Tgt Ion:	113	Resp:	92297
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	18.5	14.8	22.2

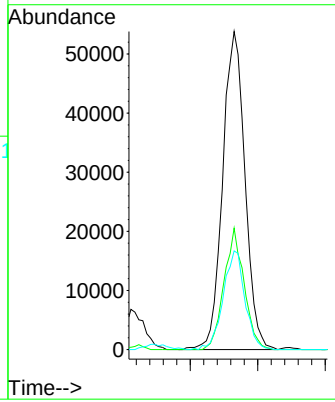
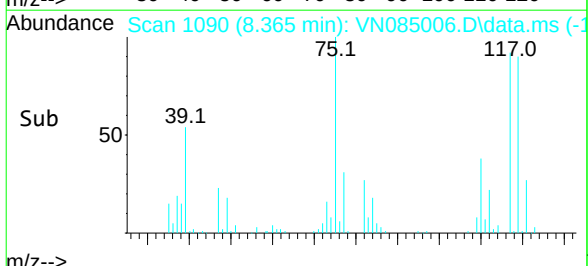
Manual Integrations
APPROVED
 Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

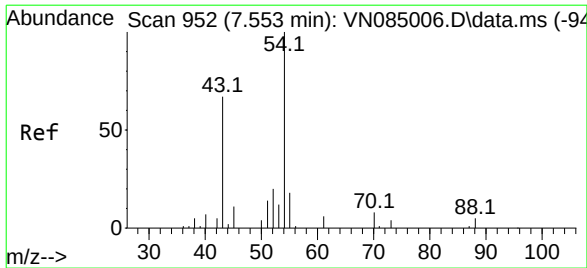


#36
 1,1-Dichloropropene
 Concen: 49.822 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46



Tgt Ion:	75	Resp:	123540
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	30.3	24.2	36.4





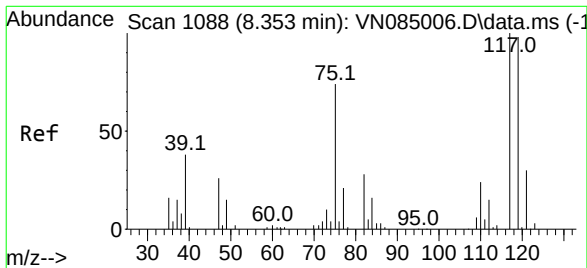
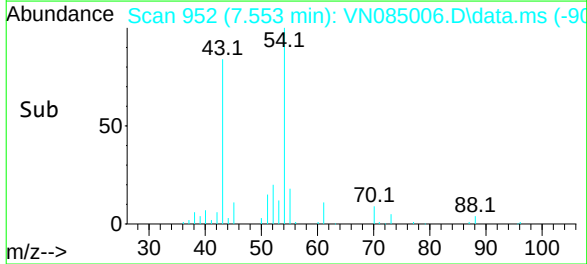
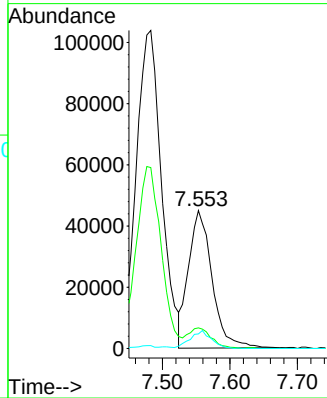
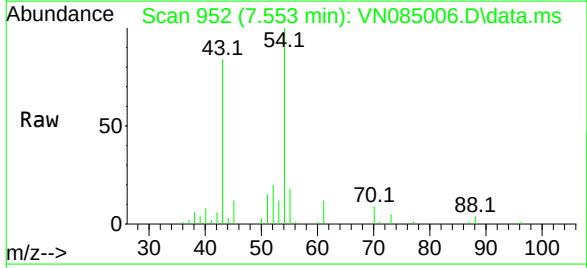
#37
Ethyl Acetate
Concen: 48.484 ug/l
RT: 7.553 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 109296
Ion Ratio Lower Upper
43 100
61 14.6 11.7 17.5
70 11.6 9.3 13.9

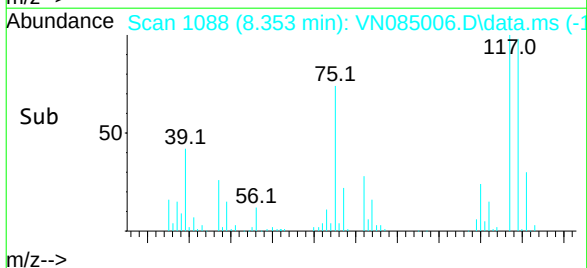
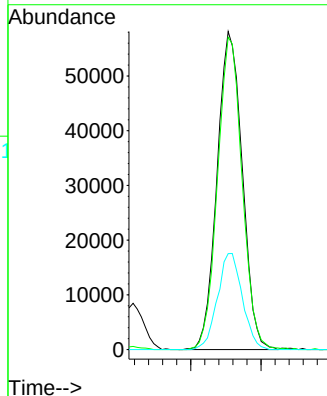
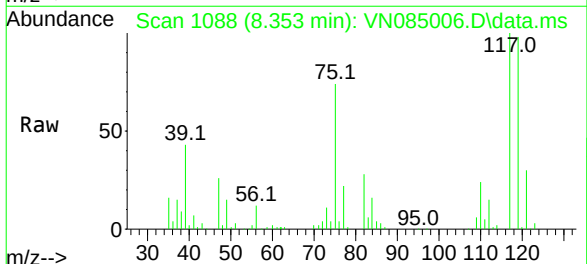
Manual Integrations
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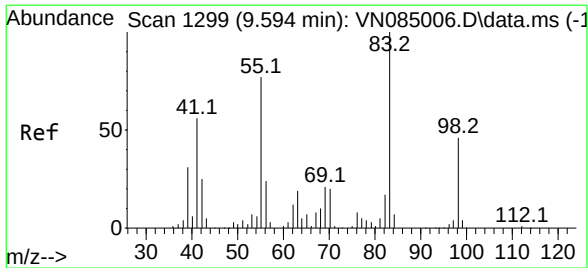
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#38
Carbon Tetrachloride
Concen: 50.624 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

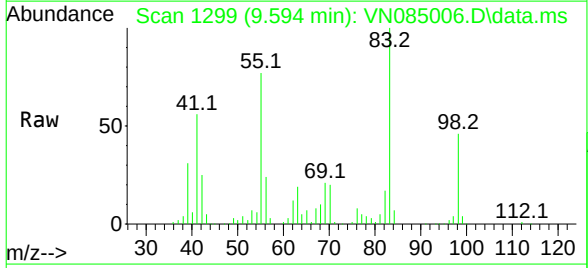
Tgt Ion:117 Resp: 144897
Ion Ratio Lower Upper
117 100
119 98.2 78.6 117.8
121 30.2 24.2 36.2





#39
Methylcyclohexane
Concen: 53.395 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

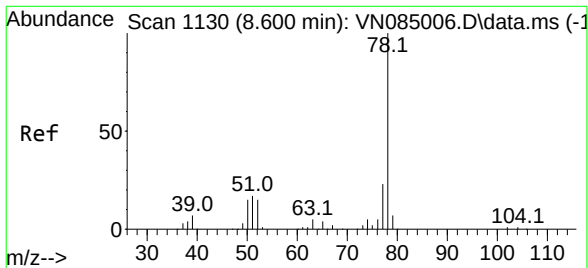
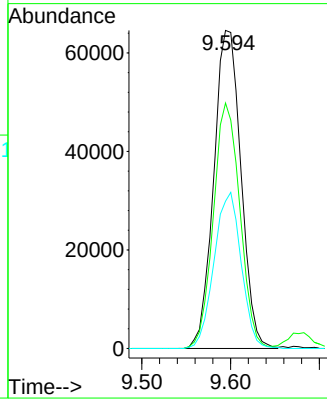
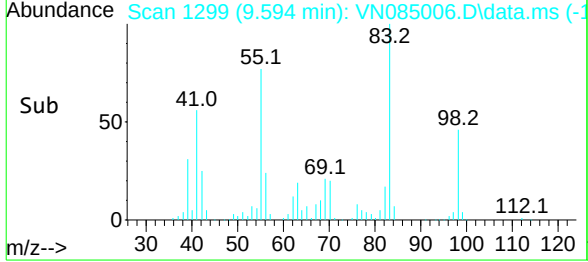
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 137583
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 46.3 37.0 55.6

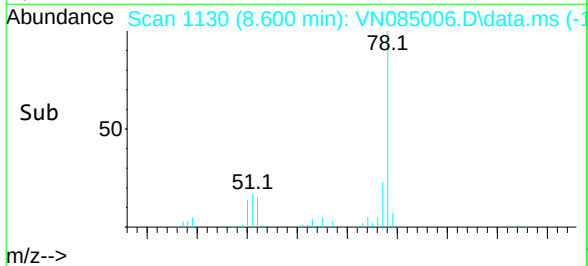
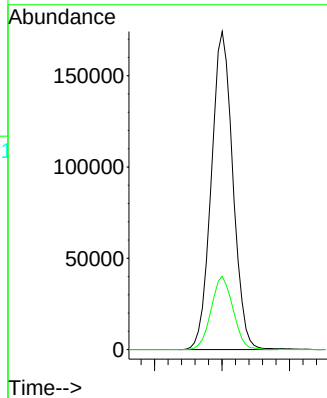
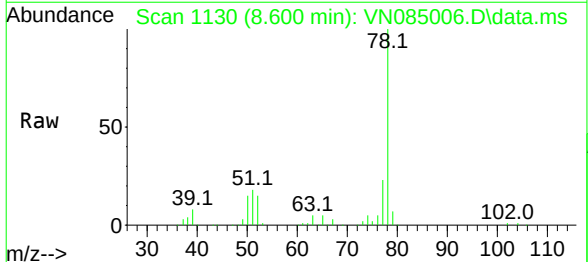
Manual Integrations
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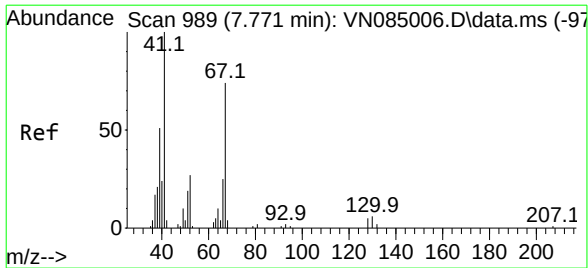
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#40
Benzene
Concen: 49.297 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 78 Resp: 386616
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7





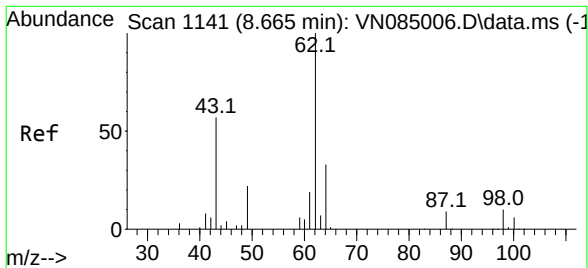
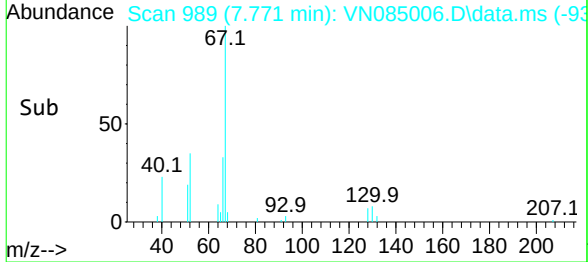
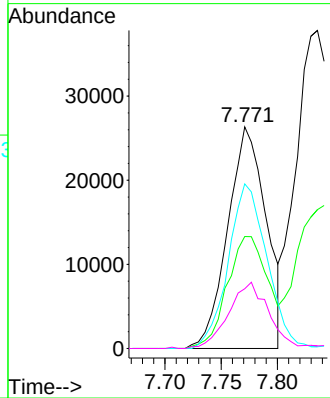
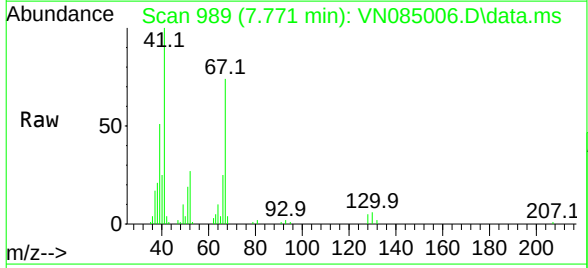
#41
Methacrylonitrile
Concen: 50.102 ug/l
RT: 7.771 min Scan# 989
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 62534
Ion Ratio Lower Upper
41 100
39 53.2 42.6 63.8
67 74.9 59.9 89.9
52 31.0 24.8 37.2

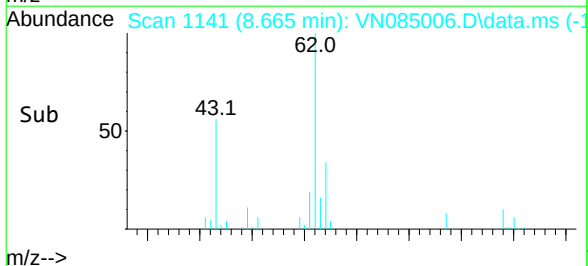
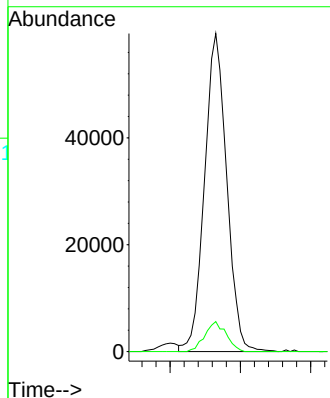
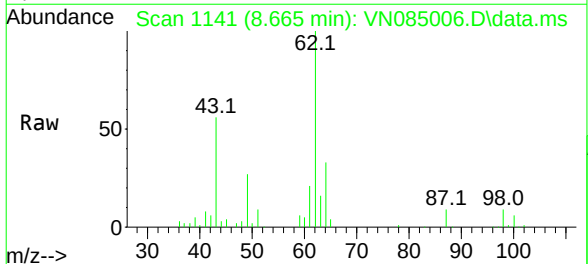
Manual Integrations
APPROVED

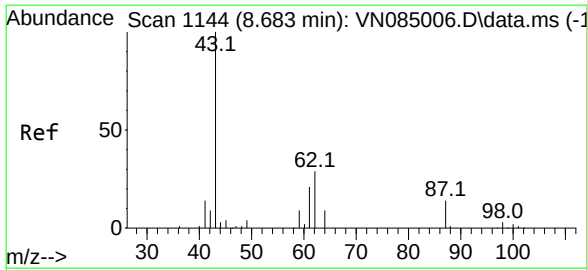
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#42
1,2-Dichloroethane
Concen: 48.616 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 62 Resp: 130440
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.2





#43

Isopropyl Acetate

Concen: 43.670 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

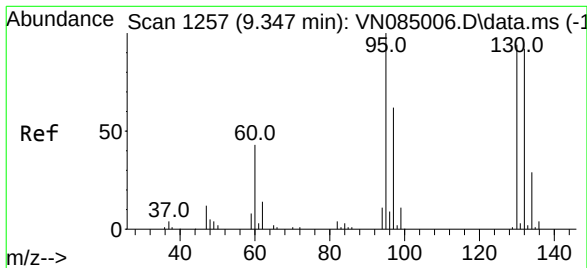
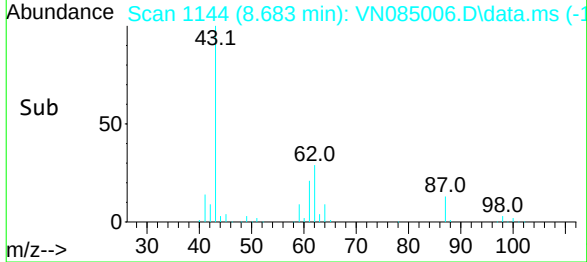
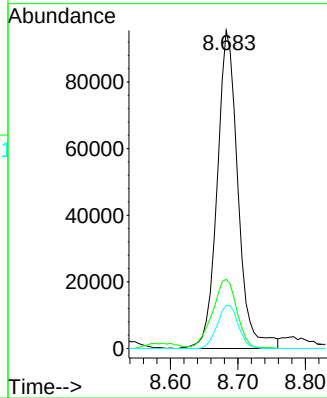
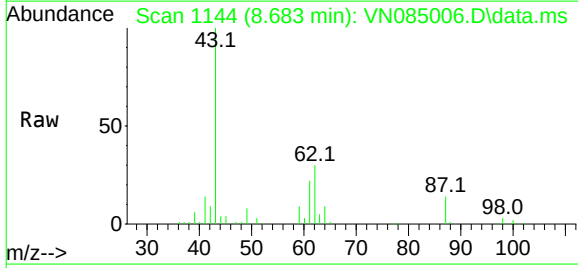
Tgt Ion:	43	Resp:	204483
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.6	30.8
87	13.7	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#44

Trichloroethene

Concen: 48.692 ug/l

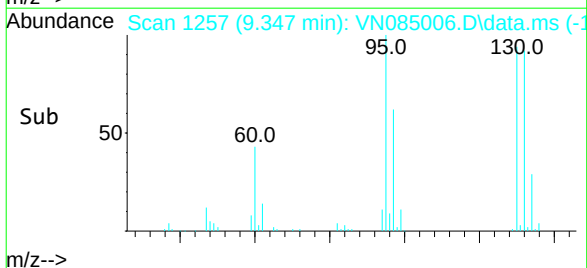
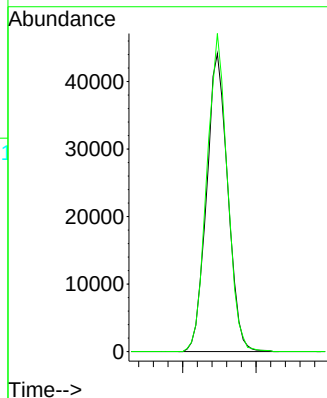
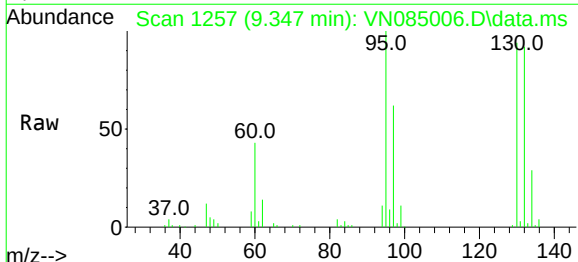
RT: 9.347 min Scan# 1257

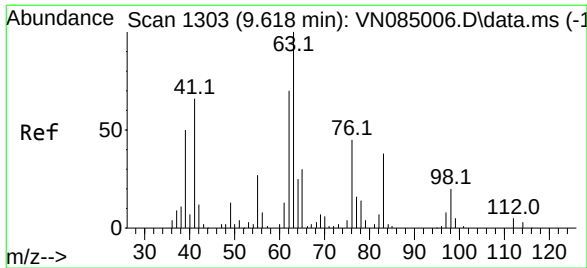
Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Tgt Ion:	130	Resp:	88746
Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	213.4





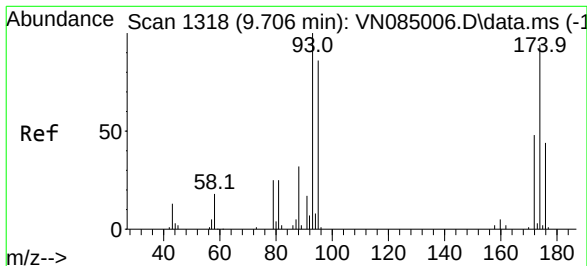
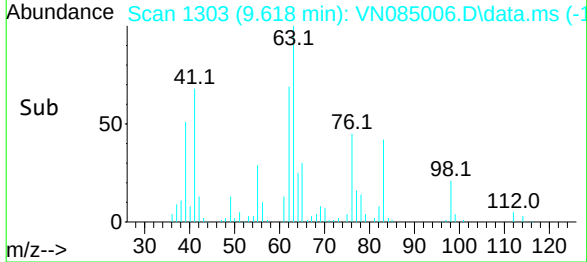
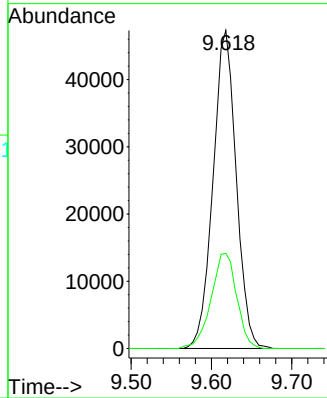
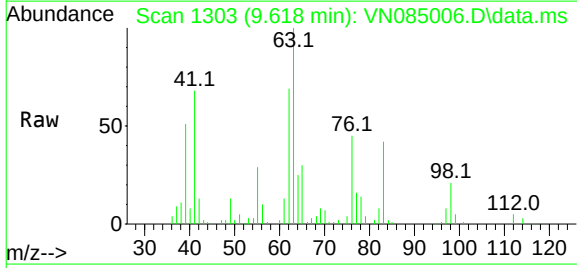
#45
1,2-Dichloropropane
Concen: 49.013 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 94677
Ion Ratio Lower Upper
63 100
65 30.0 24.0 36.0

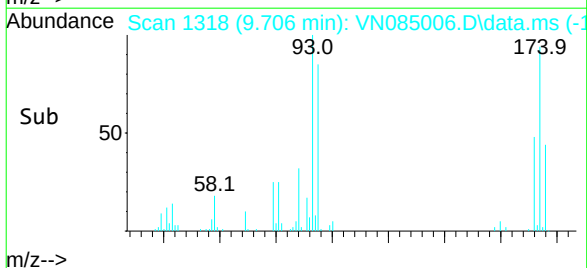
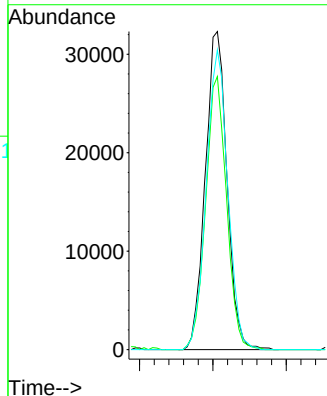
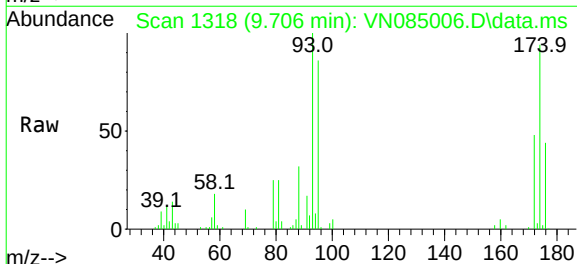
Manual Integrations
APPROVED

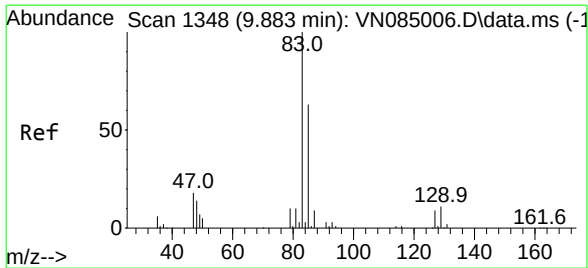
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#46
Dibromomethane
Concen: 49.447 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 93 Resp: 66370
Ion Ratio Lower Upper
93 100
95 82.8 66.2 99.4
174 93.6 74.9 112.3





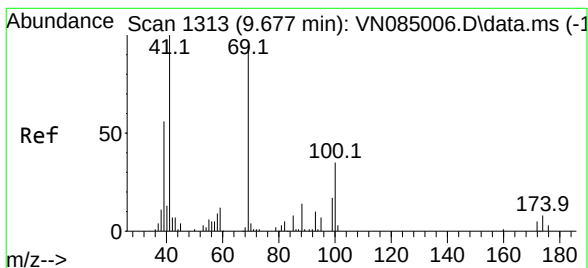
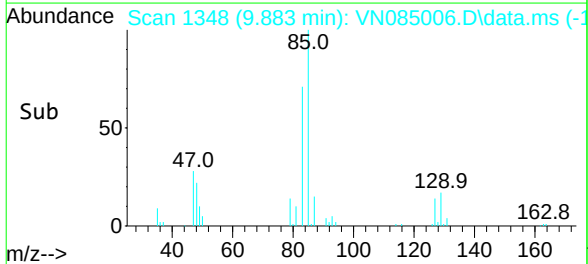
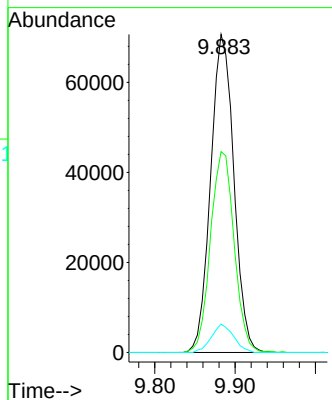
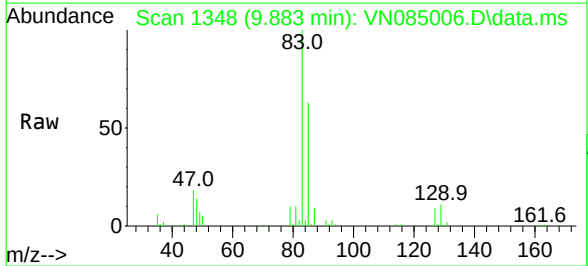
#47
Bromodichloromethane
Concen: 49.849 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 141808
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.9 7.1 10.7

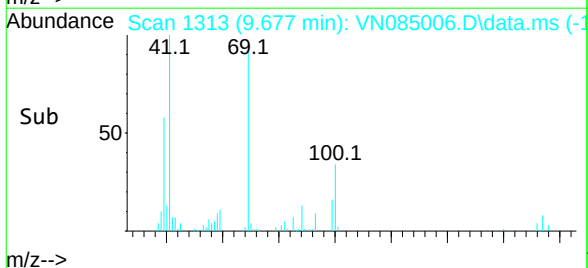
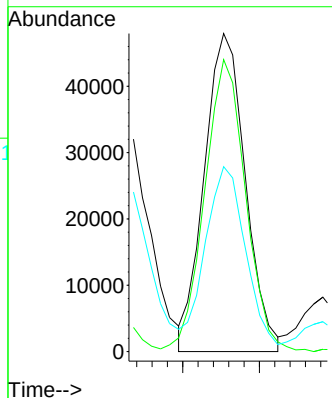
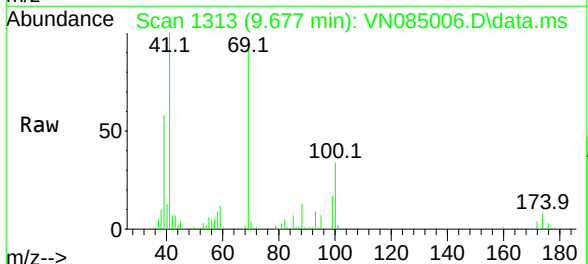
Manual Integrations
APPROVED

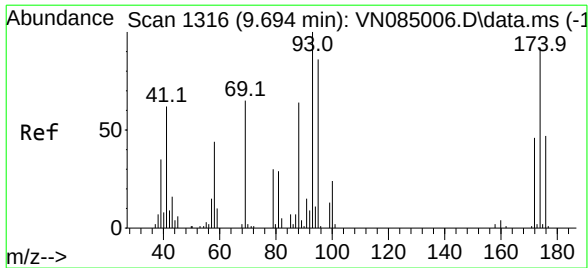
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#48
Methyl methacrylate
Concen: 51.193 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 41 Resp: 89202
Ion Ratio Lower Upper
41 100
69 91.5 73.2 109.8
39 57.8 46.2 69.4





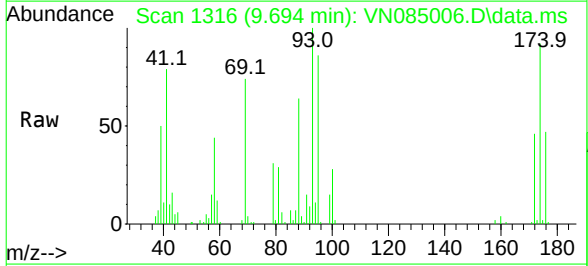
#49
 1,4-Dioxane
 Concen: 1044.331 ug/l
 RT: 9.694 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



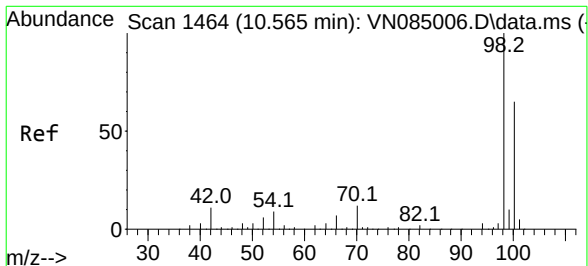
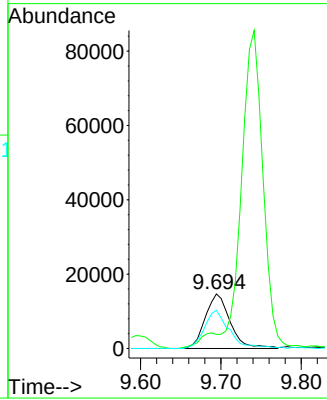
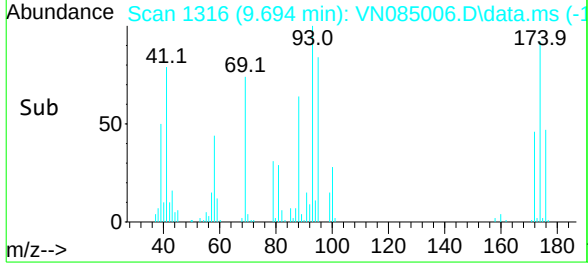
Tgt Ion:	88	Resp:	31557
Ion	Ratio	Lower	Upper
88	100		
43	20.9	16.7	25.1
58	70.6	56.5	84.7

Manual Integrations

APPROVED

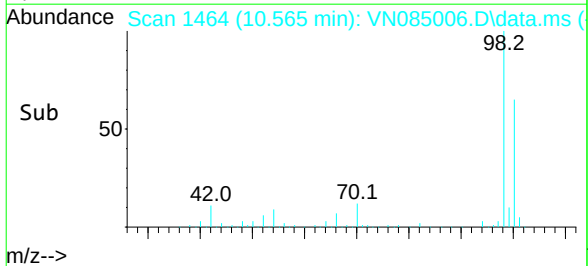
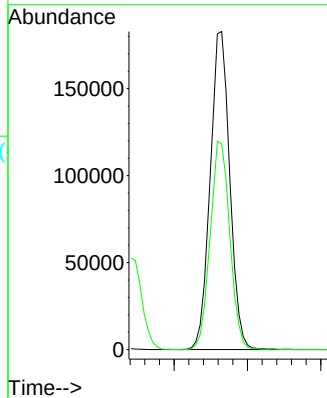
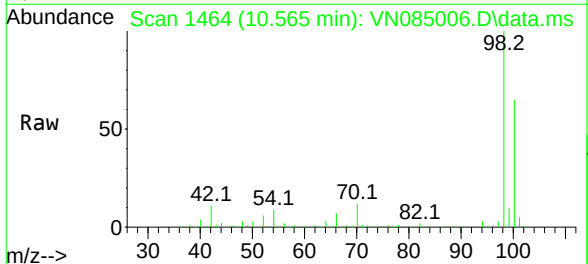
Reviewed By :John Carlone 11/25/2024

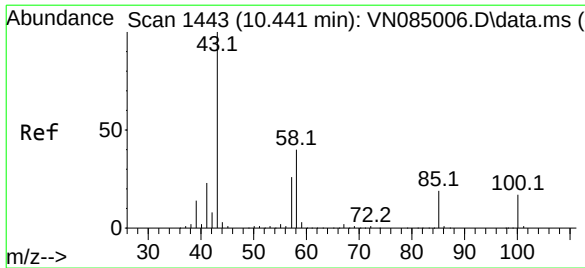
Supervised By :Mahesh Dadoda 11/25/2024



#50
 Toluene-d8
 Concen: 51.662 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Tgt Ion:	98	Resp:	338938
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7





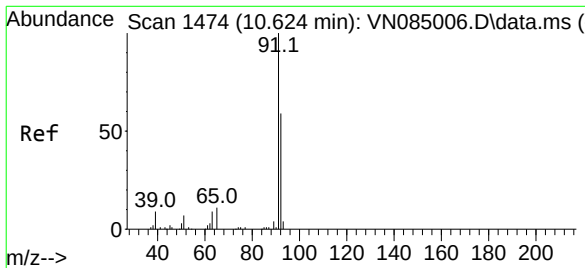
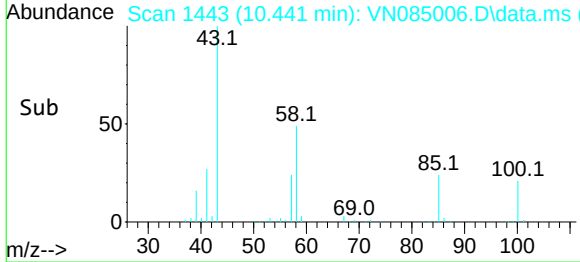
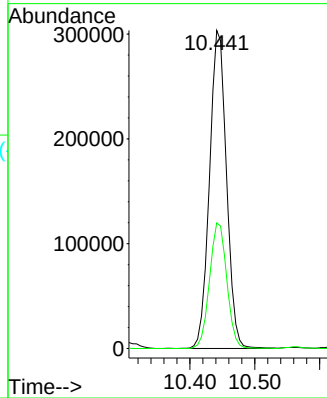
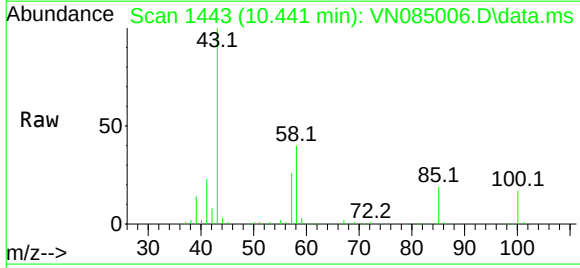
#51
4-Methyl-2-Pentanone
Concen: 257.854 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 551484
Ion Ratio Lower Upper
43 100
58 40.1 32.1 48.1

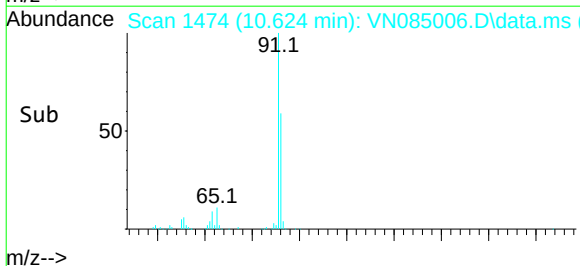
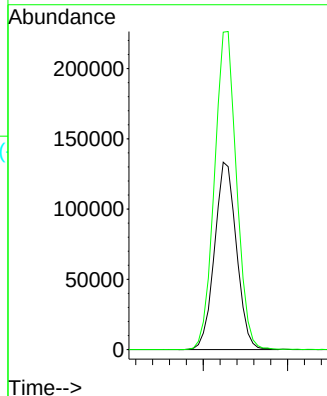
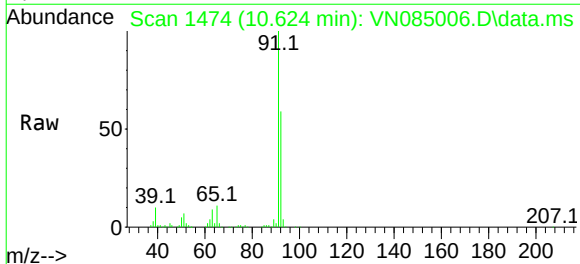
Manual Integrations
APPROVED

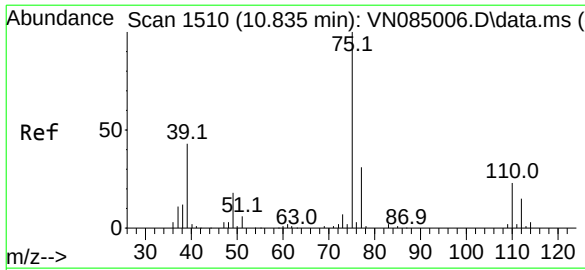
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#52
Toluene
Concen: 51.850 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

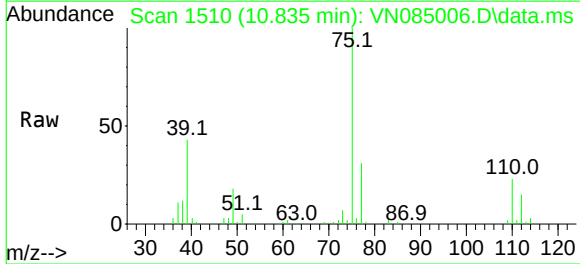
Tgt Ion: 92 Resp: 240730
Ion Ratio Lower Upper
92 100
91 170.9 136.7 205.1





#53
t-1,3-Dichloropropene
Concen: 52.241 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

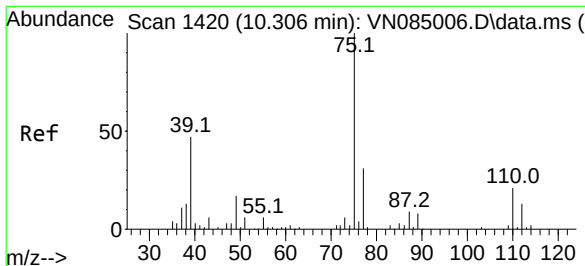
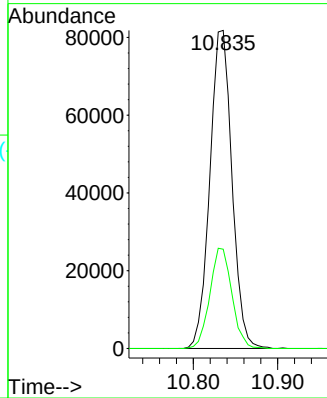
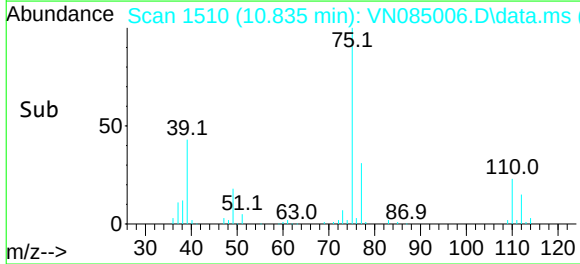
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



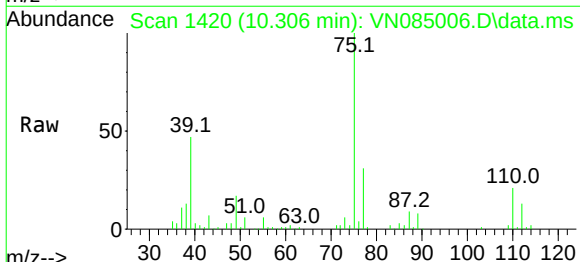
Tgt Ion: 75 Resp: 148995
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4

Manual Integrations
APPROVED

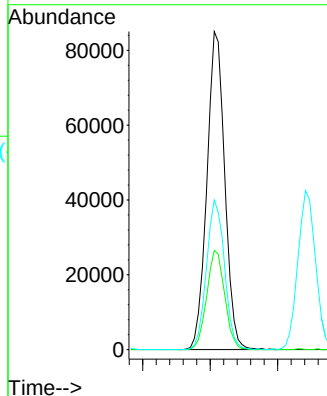
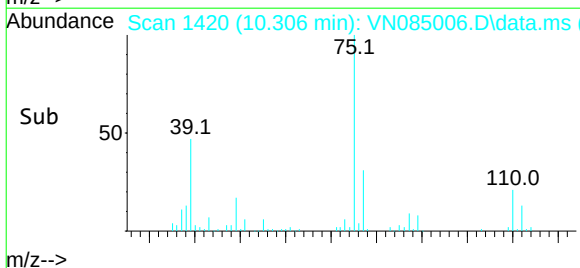
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

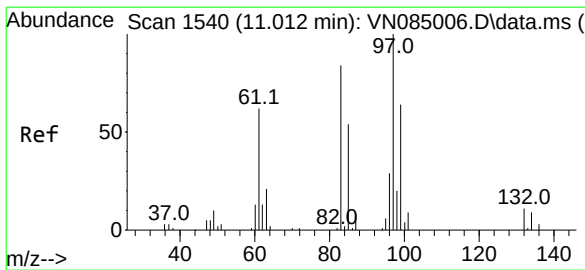


#54
cis-1,3-Dichloropropene
Concen: 51.671 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



Tgt Ion: 75 Resp: 156342
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 47.0 37.6 56.4





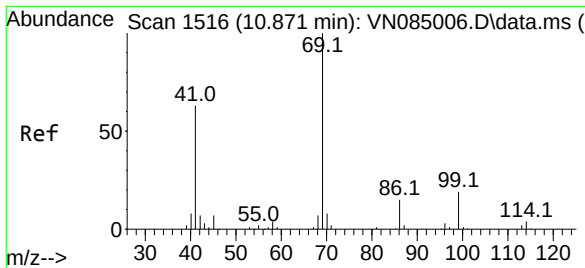
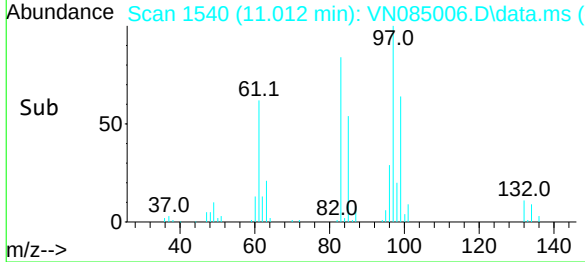
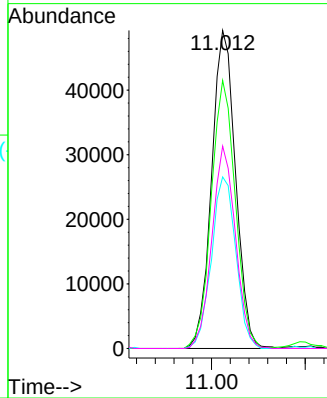
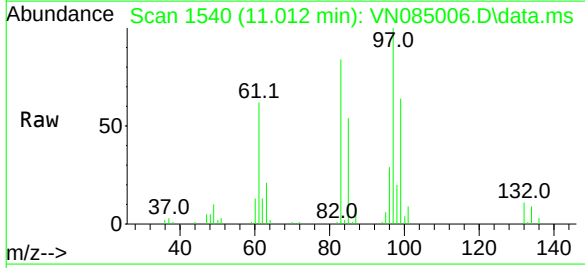
#55
1,1,2-Trichloroethane
Concen: 50.501 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	97	Resp:	87334
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	53.9	43.1	64.7
99	63.6	50.9	76.3

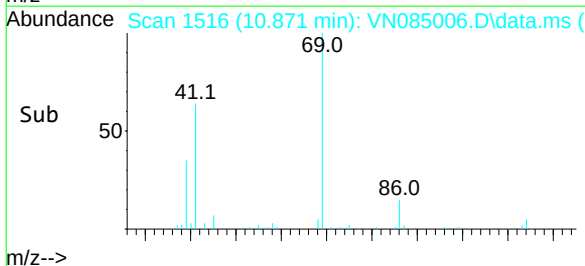
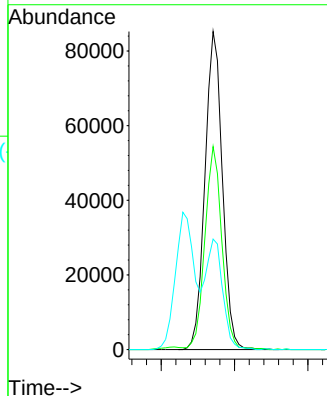
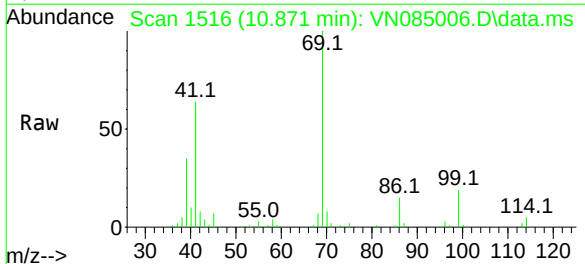
Manual Integrations
APPROVED

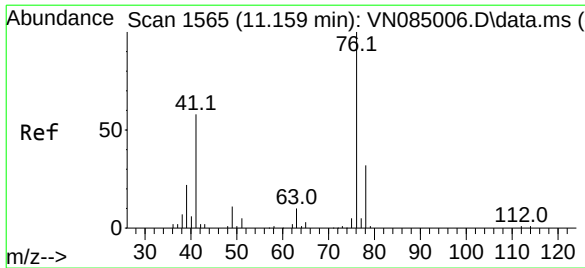
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#56
Ethyl methacrylate
Concen: 55.617 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

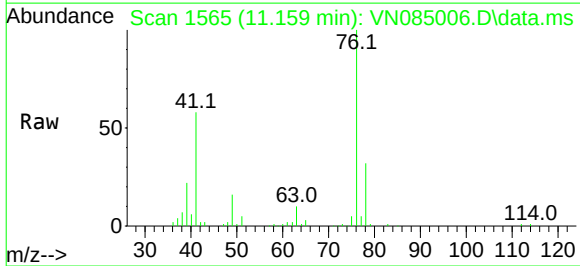
Tgt Ion:	69	Resp:	140546
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.0	75.0
39	33.8	27.0	40.6





#57
1,3-Dichloropropane
Concen: 49.800 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

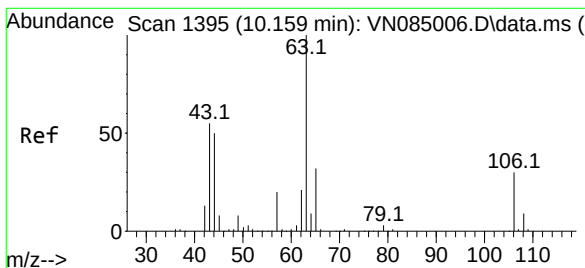
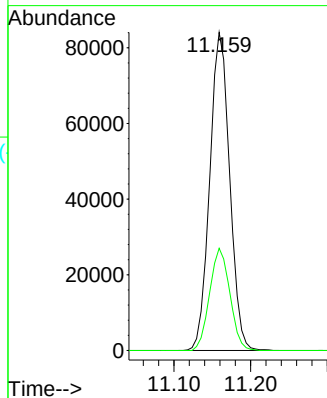
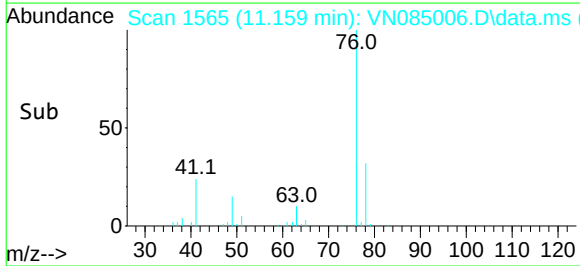
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 151573
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

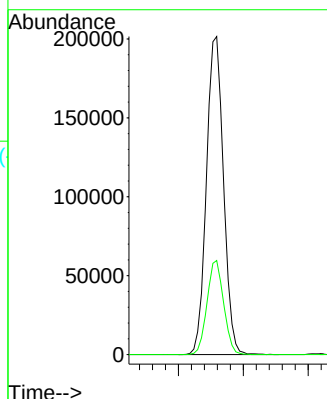
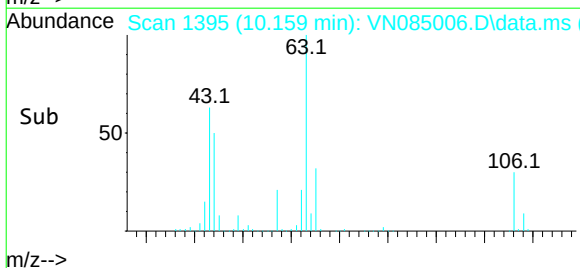
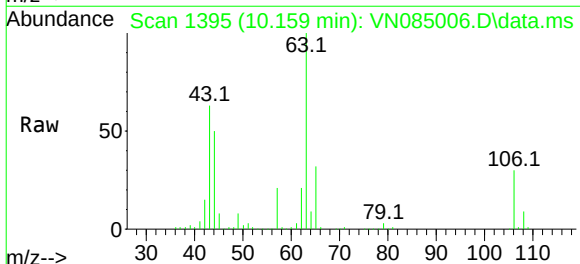
Manual Integrations
APPROVED

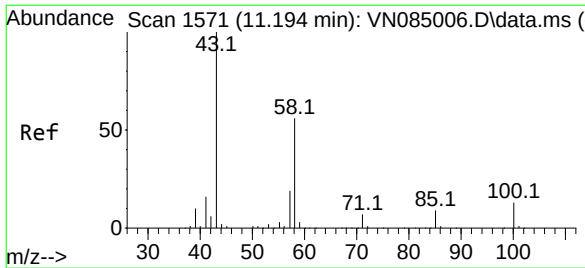
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#58
2-Chloroethyl Vinyl ether
Concen: 297.030 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 63 Resp: 368190
Ion Ratio Lower Upper
63 100
106 28.8 23.0 34.6





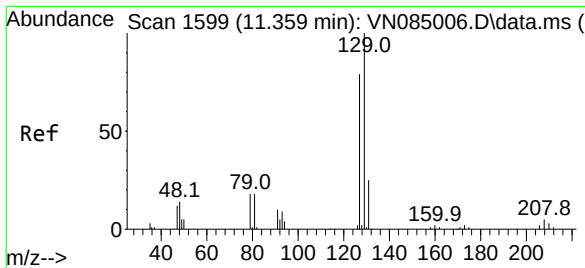
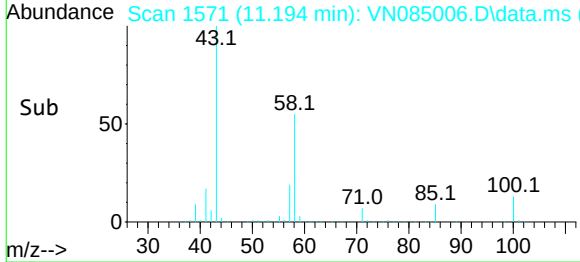
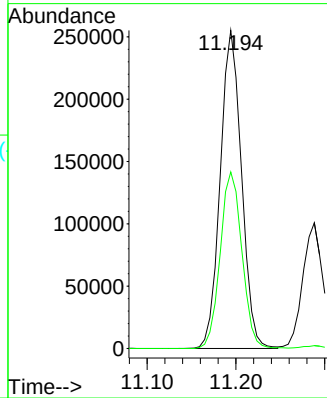
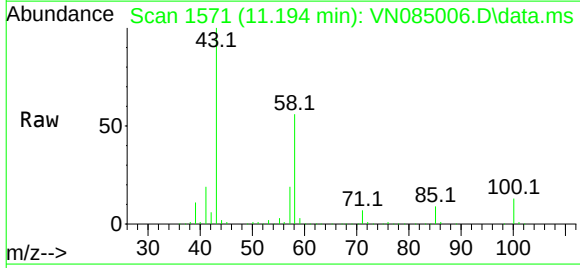
#59
2-Hexanone
Concen: 265.165 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 424152
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0

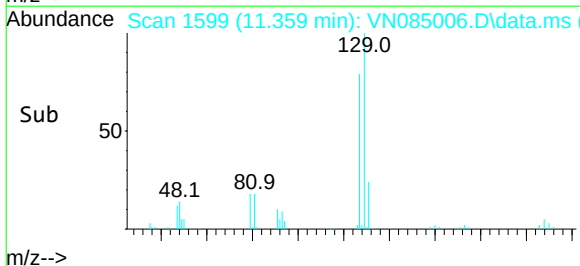
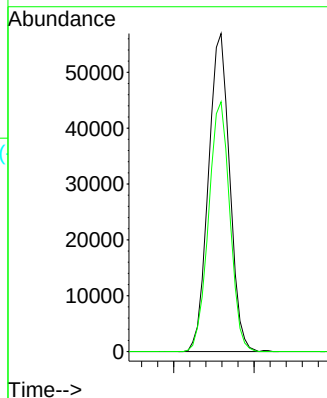
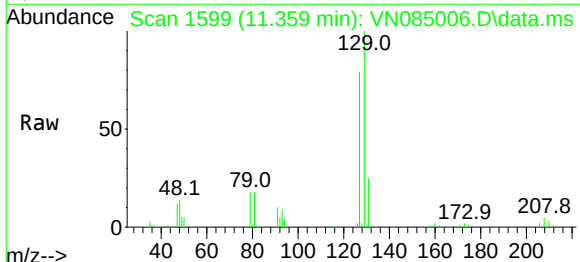
Manual Integrations
APPROVED

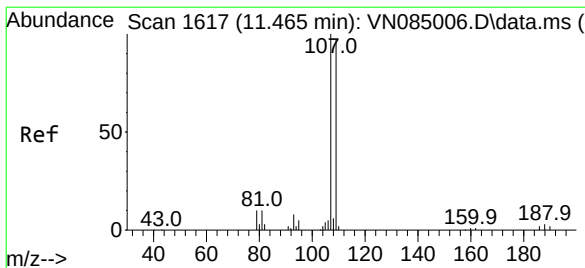
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#60
Dibromochloromethane
Concen: 49.538 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:129 Resp: 104699
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





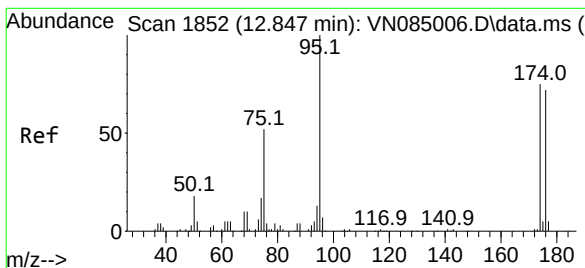
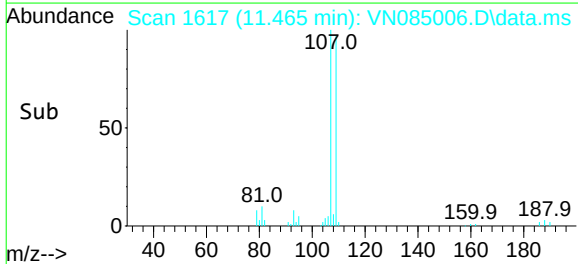
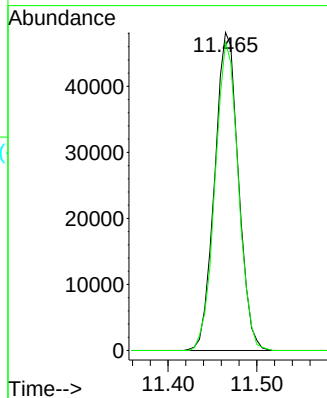
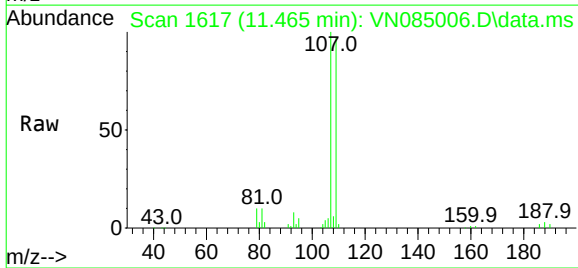
#61
1,2-Dibromoethane
Concen: 49.991 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 107 Resp: 89471
Ion Ratio Lower Upper
107 100
109 95.1 76.1 114.1

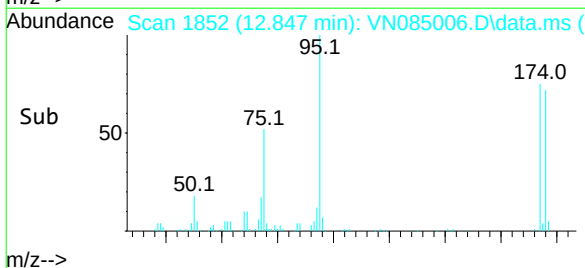
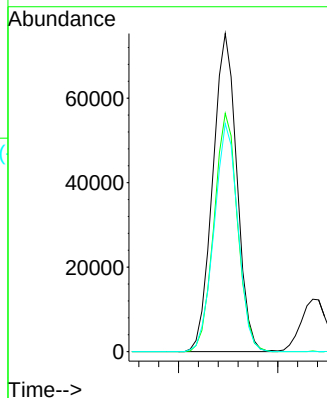
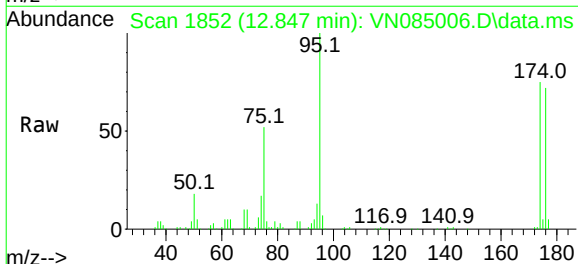
Manual Integrations
APPROVED

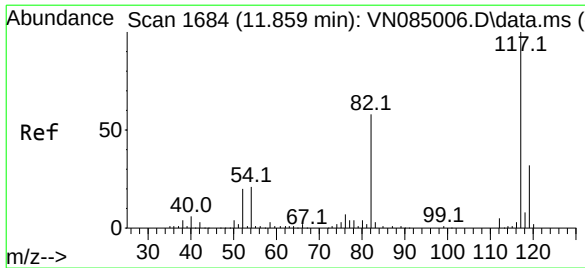
Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/25/2024



#62
4-Bromofluorobenzene
Concen: 51.698 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 95 Resp: 126840
Ion Ratio Lower Upper
95 100
174 73.3 0.0 146.6
176 70.9 0.0 141.8





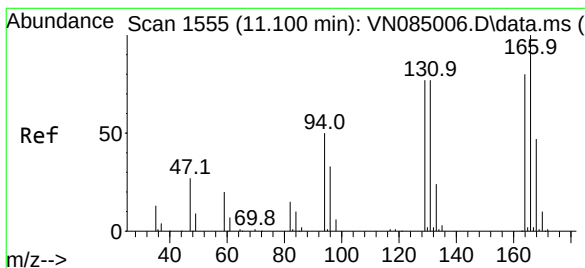
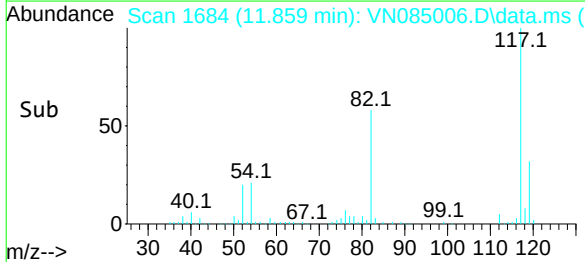
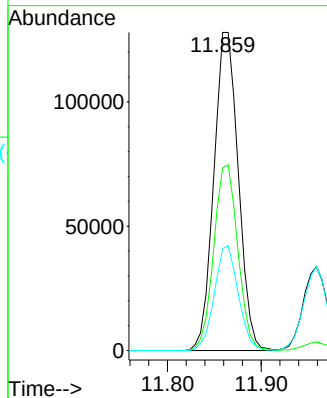
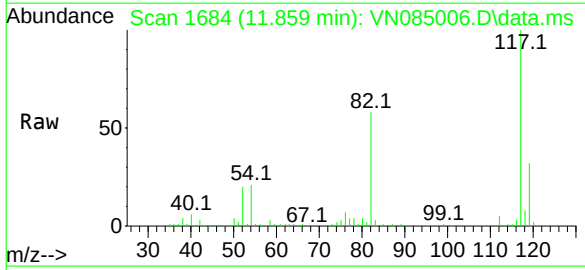
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	117	Resp:	232158
Ion Ratio	Lower	Upper	
117	100		
82	57.5	46.0	69.0
119	32.0	25.6	38.4

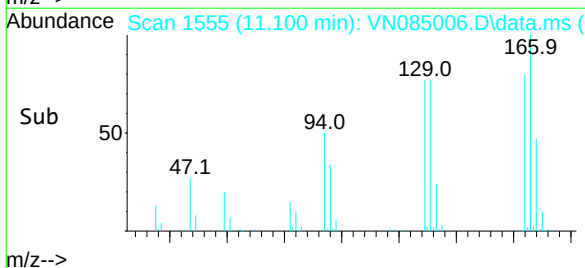
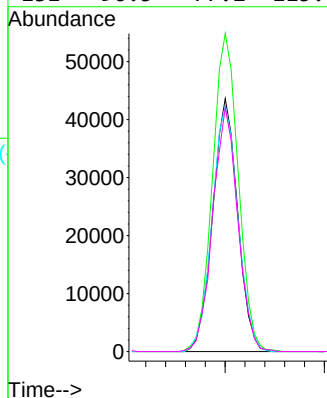
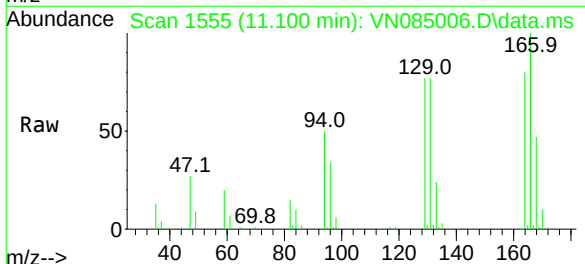
Manual Integrations
APPROVED

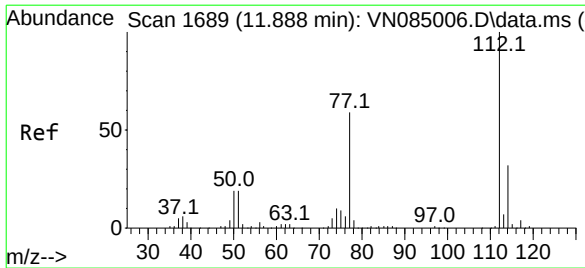
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#64
Tetrachloroethene
Concen: 48.747 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:	164	Resp:	76257
Ion Ratio	Lower	Upper	
164	100		
166	125.8	100.6	151.0
129	97.1	77.7	116.5
131	96.5	77.2	115.8





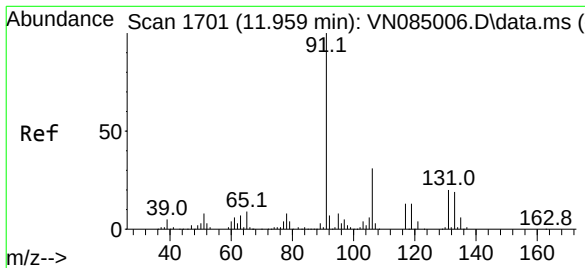
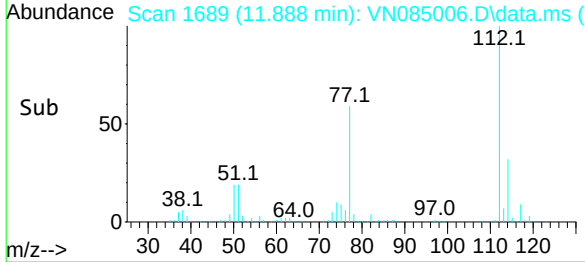
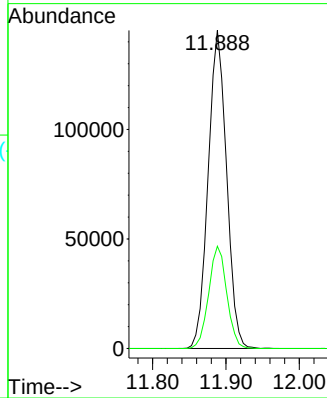
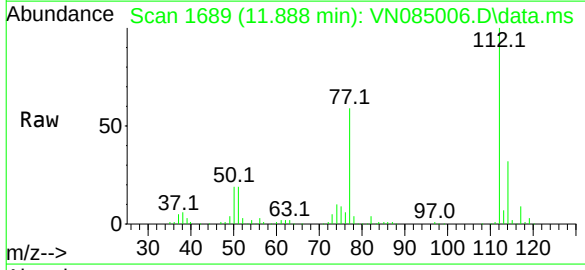
#65
Chlorobenzene
Concen: 48.041 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 252937
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

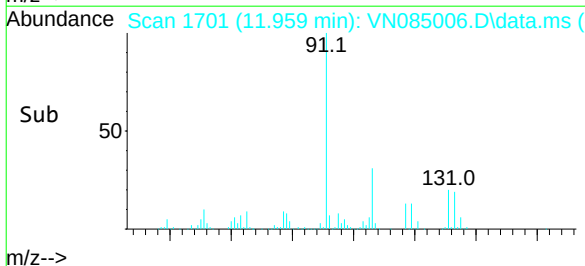
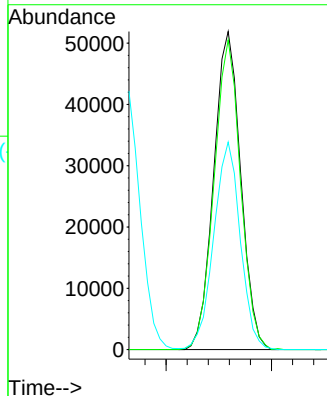
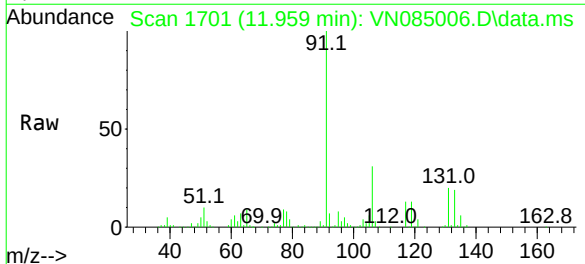
Manual Integrations
APPROVED

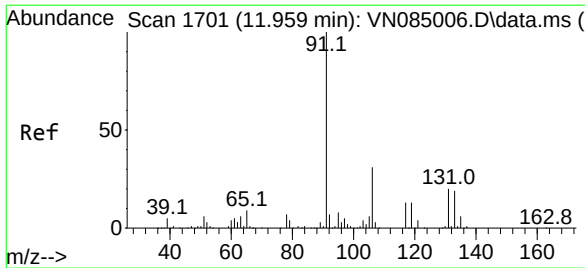
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.785 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:131 Resp: 92289
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.2 32.1 96.3





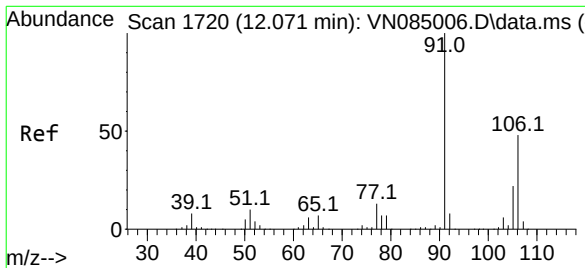
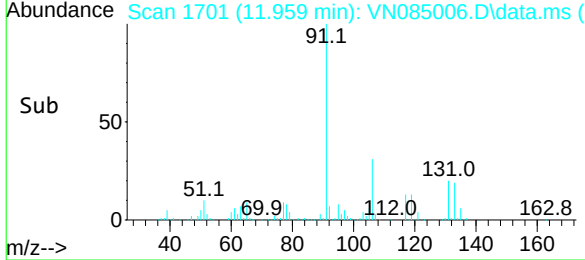
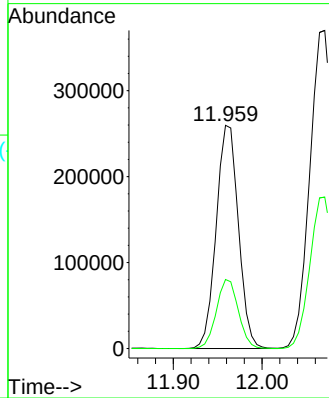
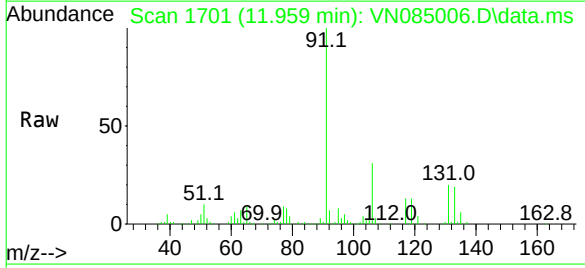
#67
Ethyl Benzene
Concen: 52.856 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 451491
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

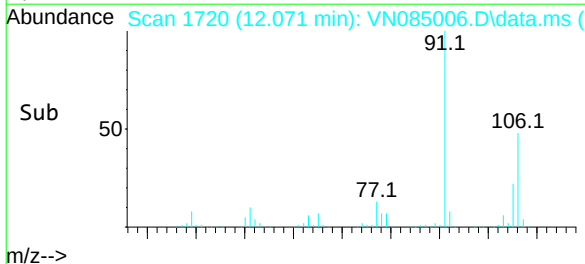
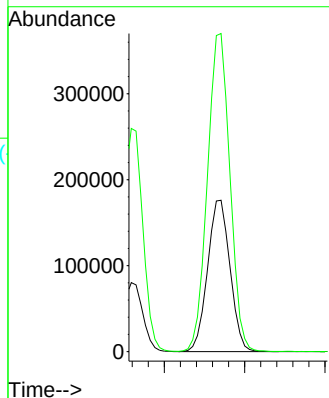
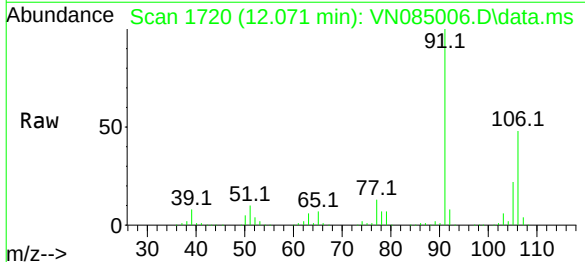
Manual Integrations
APPROVED

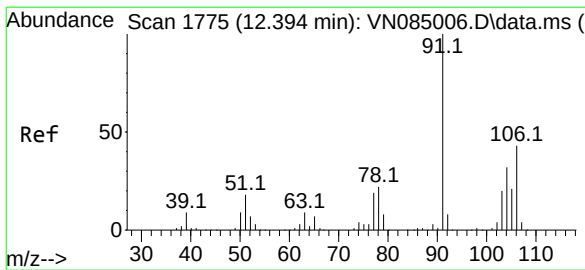
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#68
m/p-Xylenes
Concen: 105.174 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:106 Resp: 342033
Ion Ratio Lower Upper
106 100
91 210.0 168.0 252.0





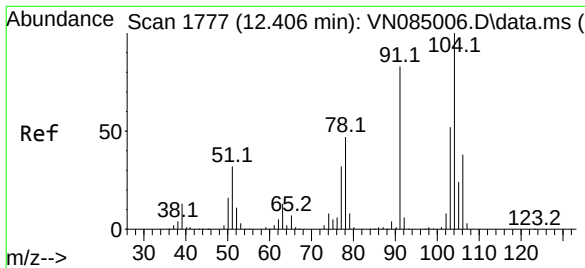
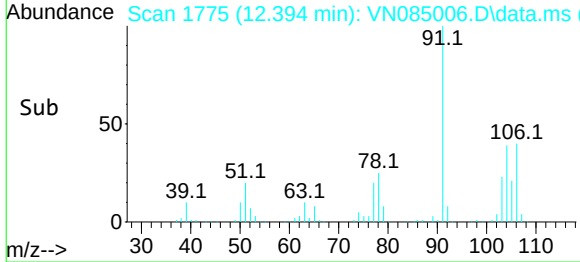
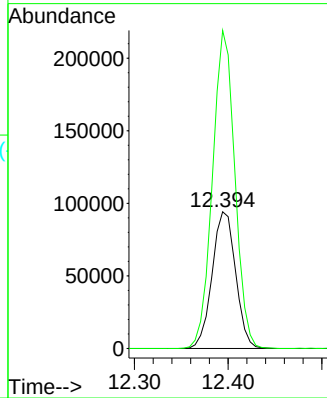
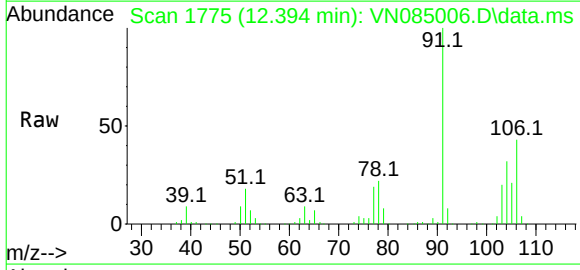
#69
o-Xylene
Concen: 53.059 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 164137
Ion Ratio Lower Upper
106 100
91 221.3 110.7 331.9

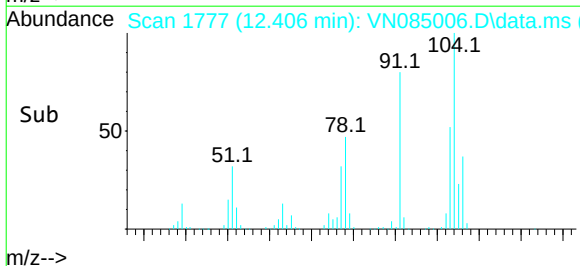
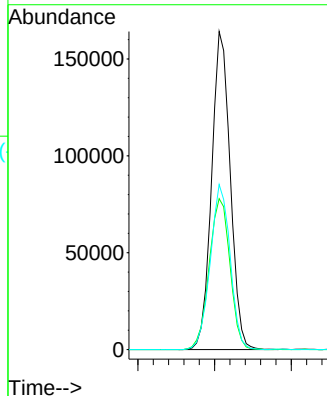
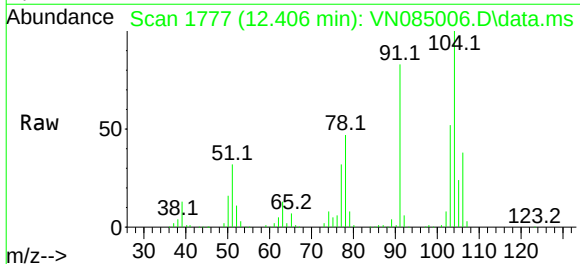
Manual Integrations
APPROVED

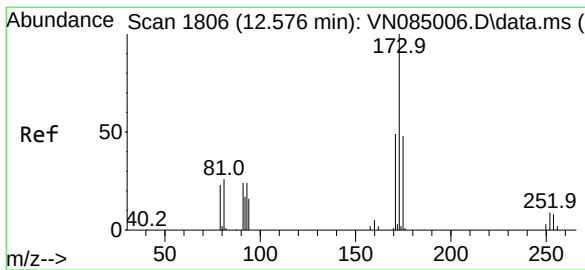
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#70
Styrene
Concen: 53.912 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:104 Resp: 277349
Ion Ratio Lower Upper
104 100
78 52.9 42.3 63.5
103 55.2 44.2 66.2





#71

Bromoform

Concen: 52.221 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

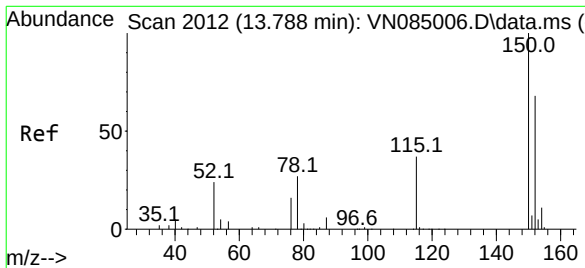
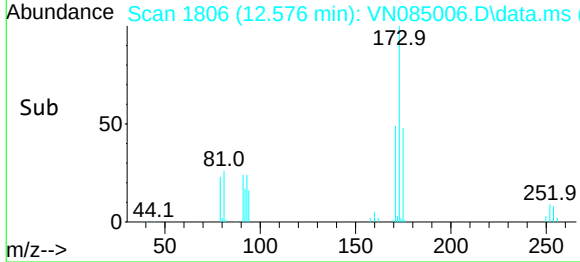
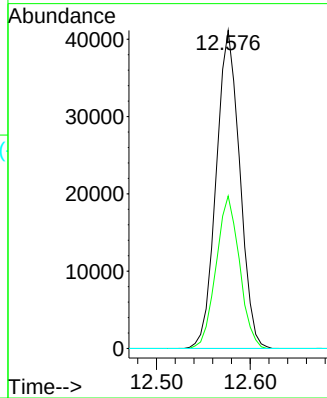
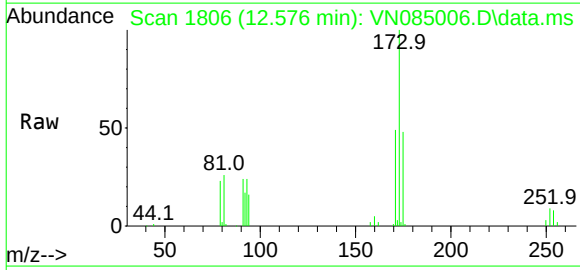
ClientSampleId :

VSTDICCC050

Tgt Ion:	173	Resp:	71858
Ion Ratio	Lower	Upper	
173	100		
175	47.5	23.8	71.2
254	0.0	0.0	0.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

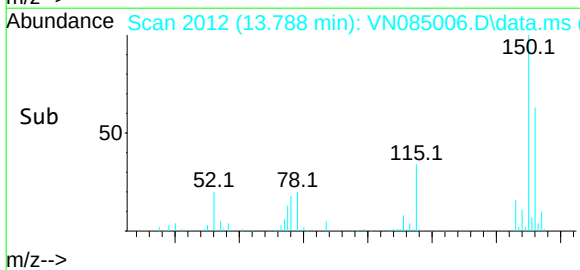
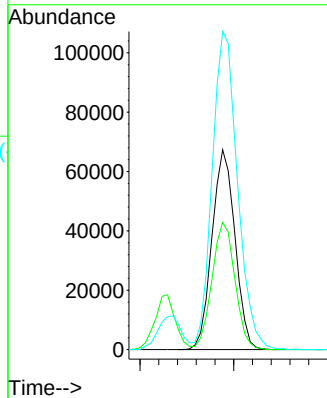
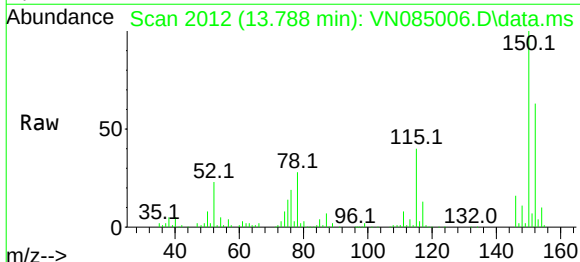
RT: 13.788 min Scan# 2012

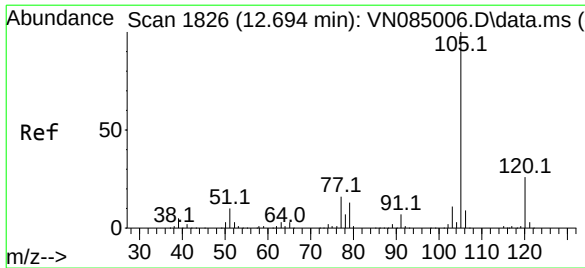
Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Tgt Ion:	152	Resp:	114469
Ion Ratio	Lower	Upper	
152	100		
115	63.4	31.7	95.1
150	175.7	0.0	351.4





#73

Isopropylbenzene

Concen: 51.479 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 105 Resp: 415716

Ion Ratio Lower Upper

105 100

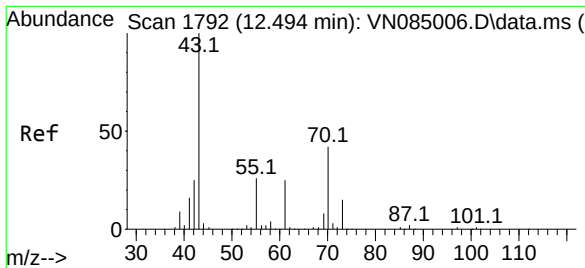
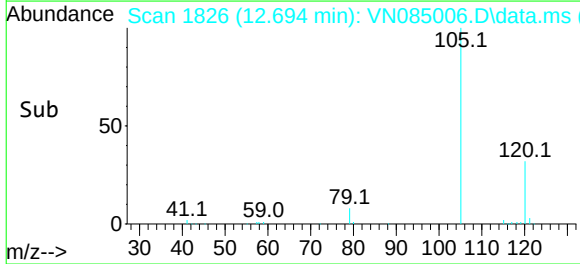
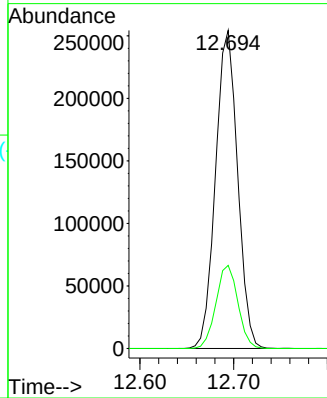
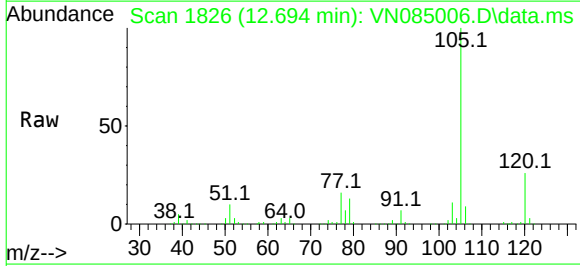
120 26.0 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#74

N-ethyl acetate

Concen: 53.396 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Tgt Ion: 43 Resp: 177685

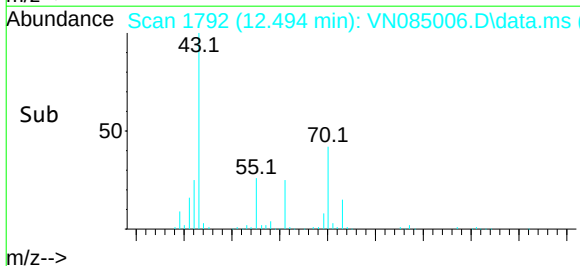
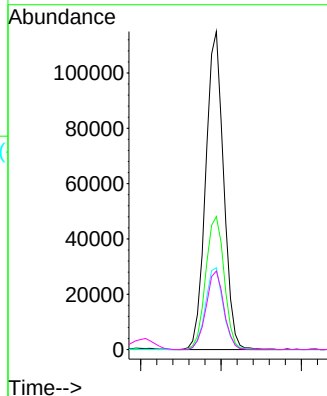
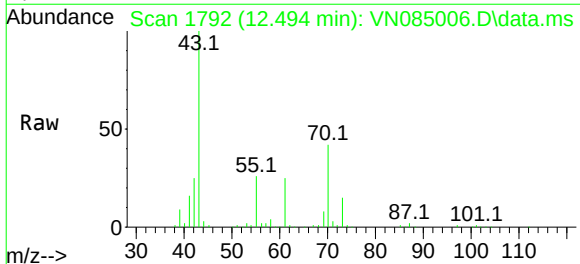
Ion Ratio Lower Upper

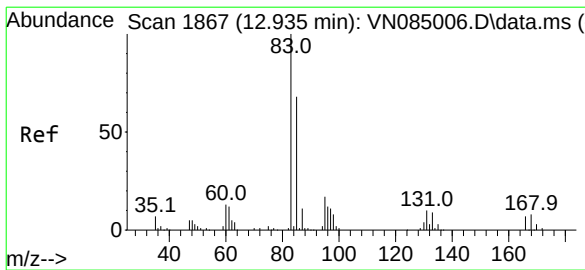
43 100

70 43.2 34.6 51.8

55 25.6 20.5 30.7

61 24.5 19.6 29.4





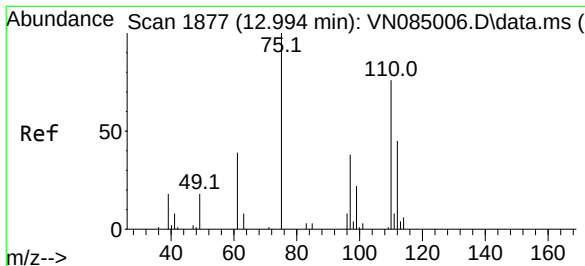
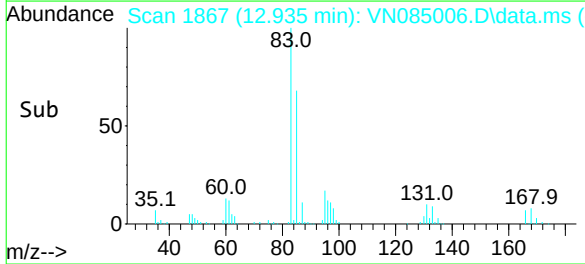
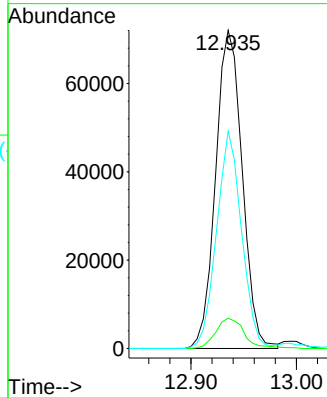
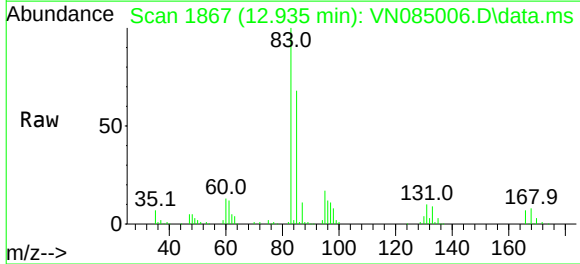
#75
1,1,2,2-Tetrachloroethane
Concen: 45.771 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.3	5.1	15.4
85	64.2	32.1	96.3

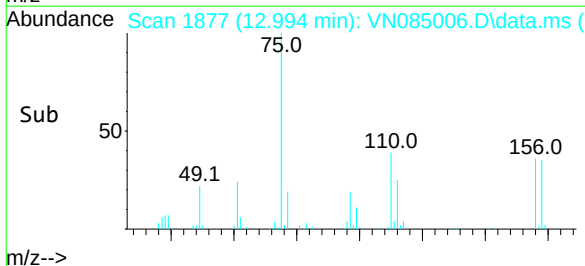
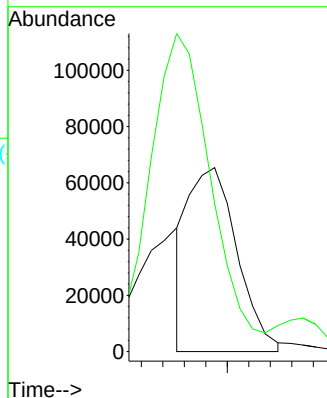
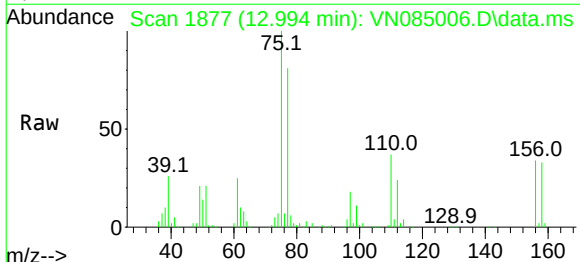
Manual Integrations
APPROVED

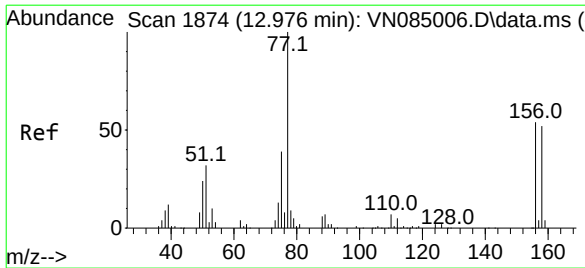
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#76
1,2,3-Trichloropropane
Concen: 48.246 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

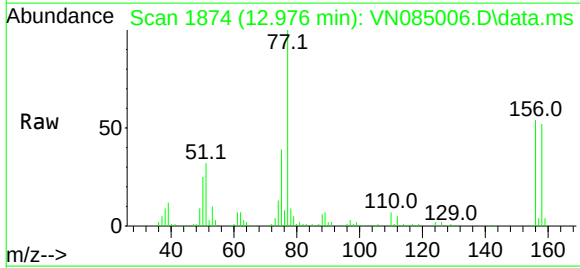
Tgt Ion	Ratio	Lower	Upper
75	100		
77	218.3	109.1	327.4





#77
Bromobenzene
Concen: 48.402 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

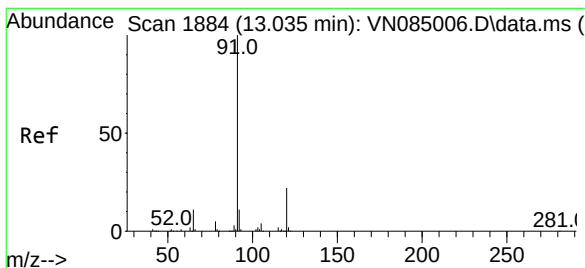
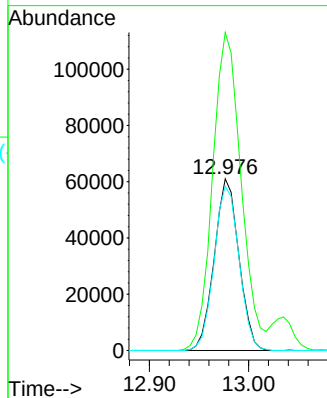
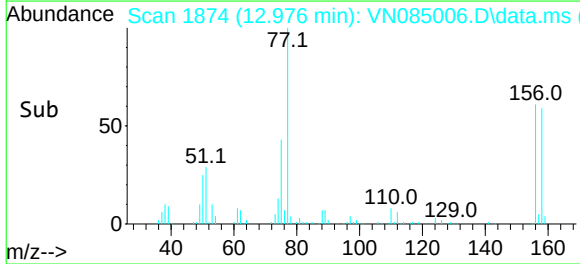
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 156 Resp: 105184
Ion Ratio Lower Upper
156 100
77 214.4 107.2 321.6
158 97.1 48.5 145.6

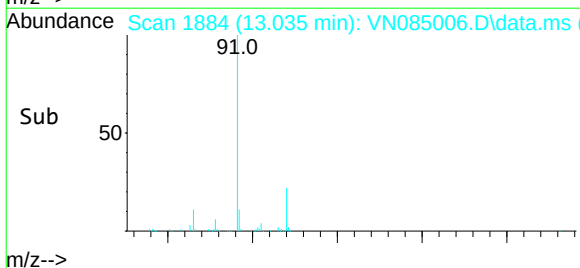
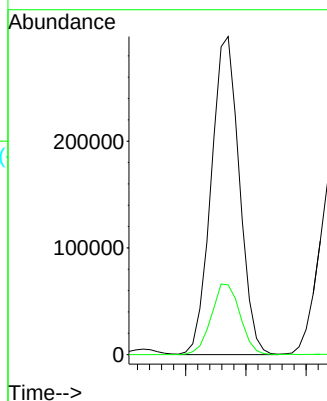
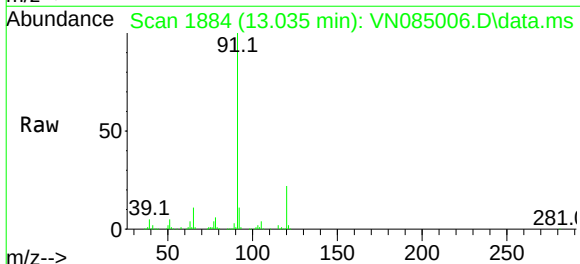
Manual Integrations
APPROVED

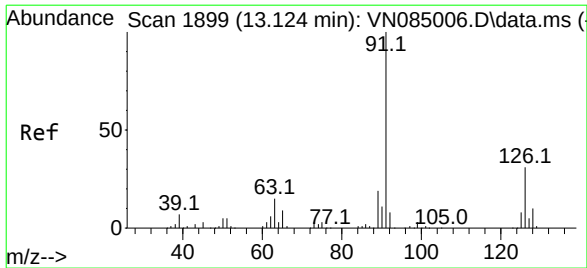
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#78
n-propylbenzene
Concen: 52.059 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 91 Resp: 484892
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.9





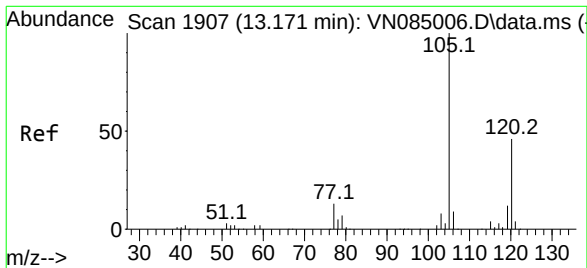
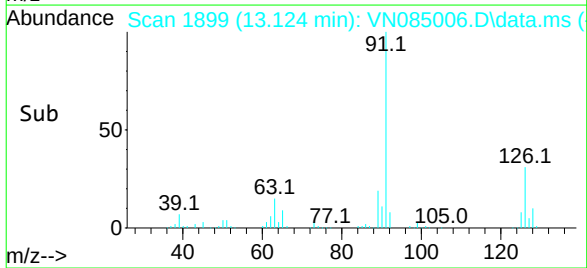
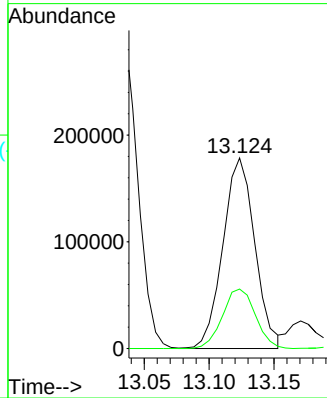
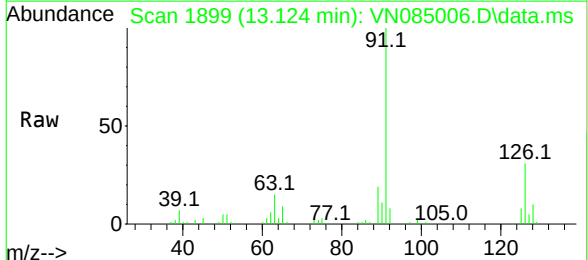
#79
2-Chlorotoluene
Concen: 49.174 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 305747
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3

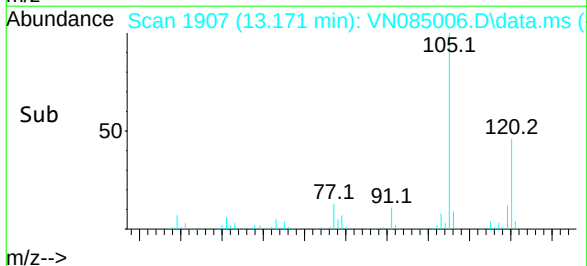
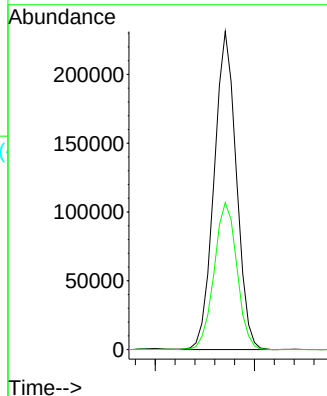
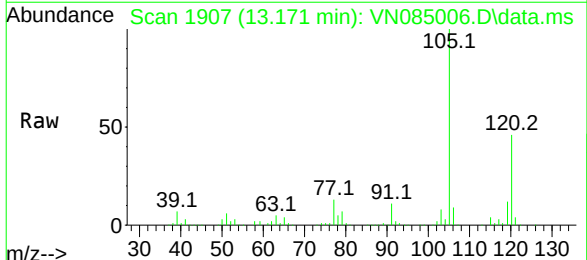
Manual Integrations
APPROVED

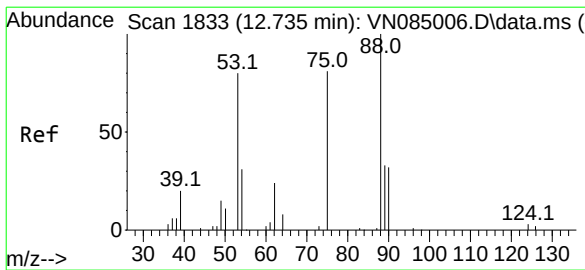
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.145 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:105 Resp: 360125
Ion Ratio Lower Upper
105 100
120 47.3 23.6 71.0





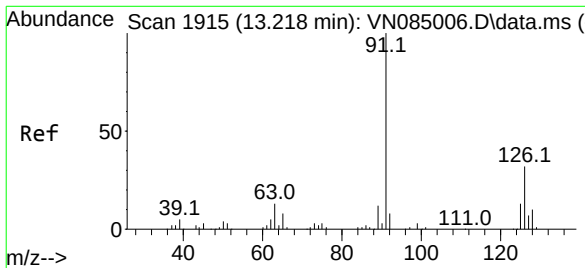
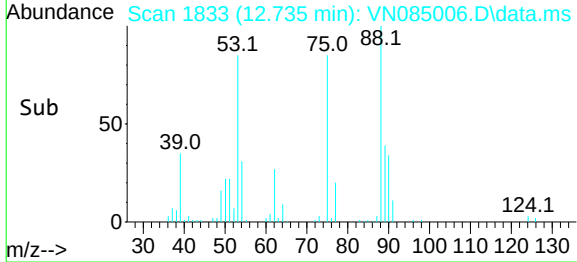
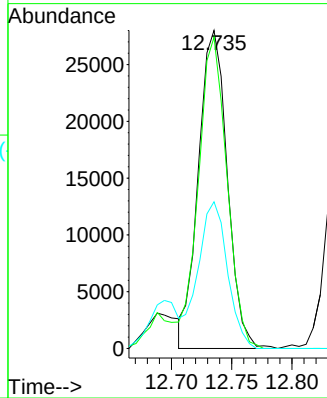
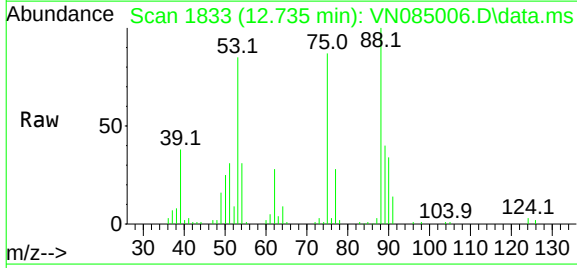
#81
trans-1,4-Dichloro-2-butene
Concen: 50.990 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 46724
Ion Ratio Lower Upper
75 100
53 97.8 78.2 117.4
89 47.4 37.9 56.9

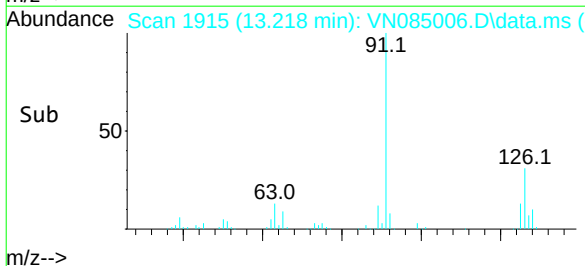
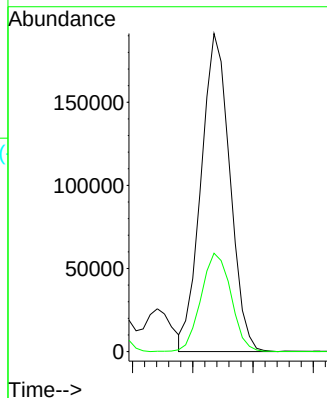
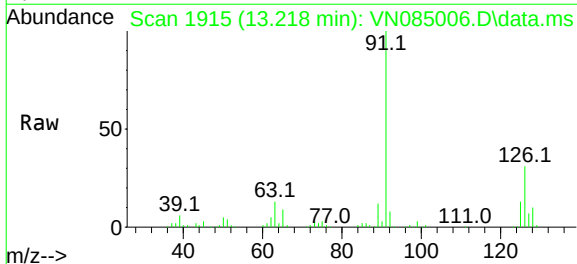
Manual Integrations
APPROVED

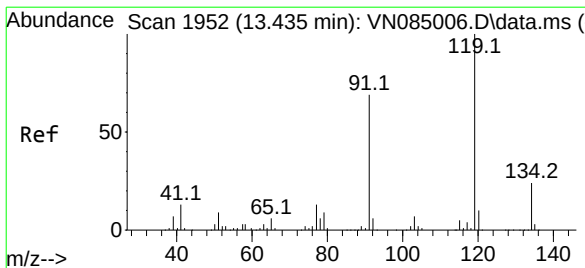
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#82
4-Chlorotoluene
Concen: 49.063 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion: 91 Resp: 317569
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3





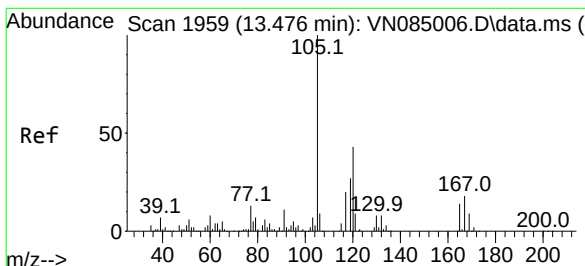
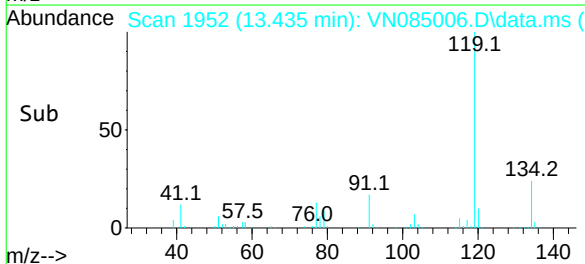
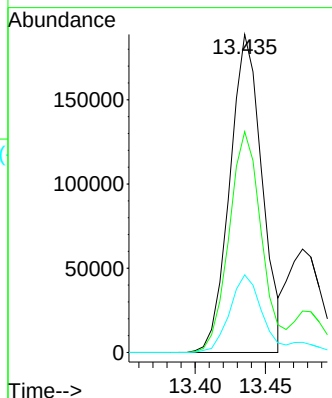
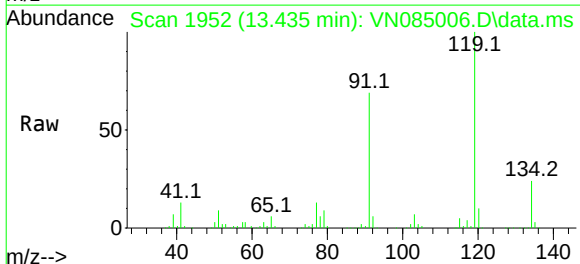
#83
tert-Butylbenzene
Concen: 51.657 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:119 Resp: 301180
Ion Ratio Lower Upper
119 100
91 70.3 35.1 105.5
134 24.2 12.1 36.3

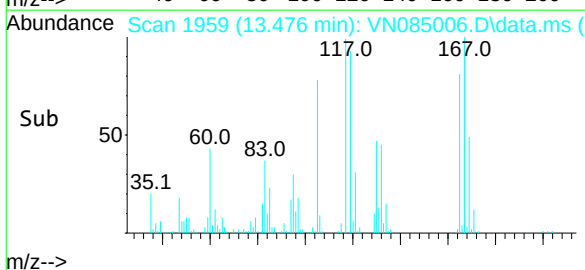
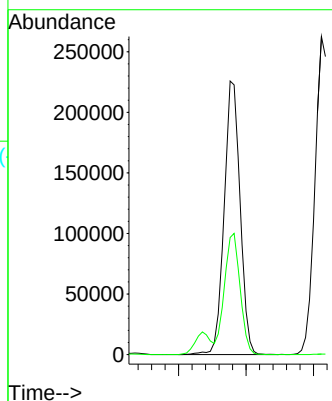
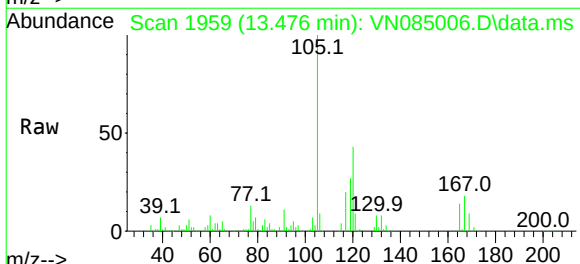
Manual Integrations
APPROVED

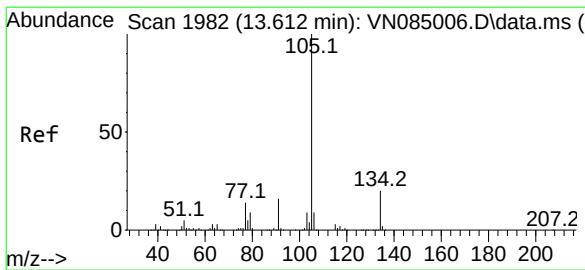
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.195 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:105 Resp: 371046
Ion Ratio Lower Upper
105 100
120 43.6 21.8 65.4





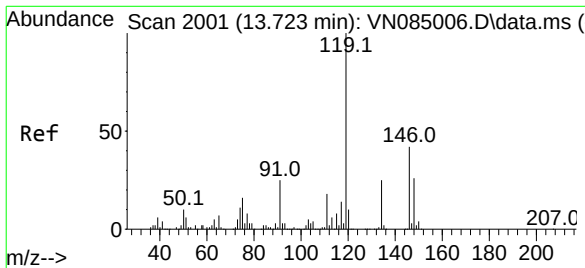
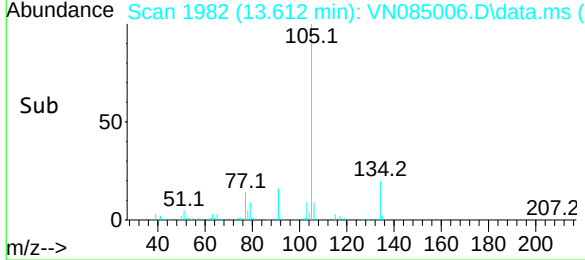
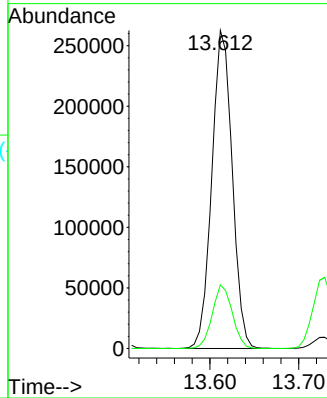
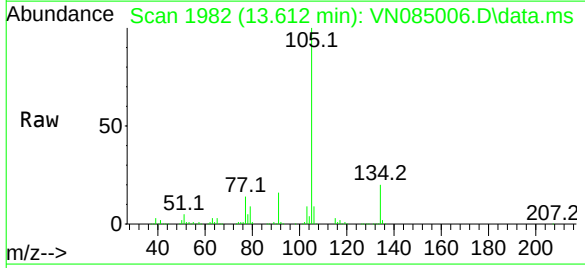
#85
 sec-Butylbenzene
 Concen: 53.296 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 419761
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.3

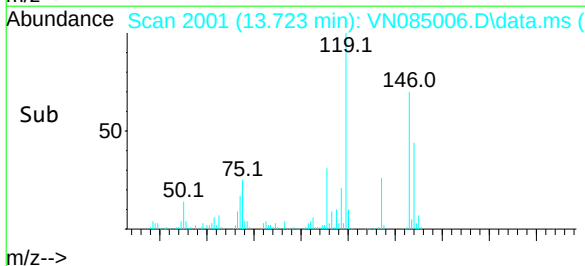
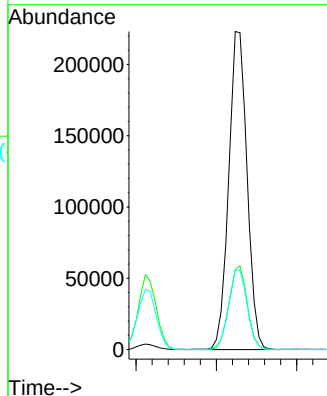
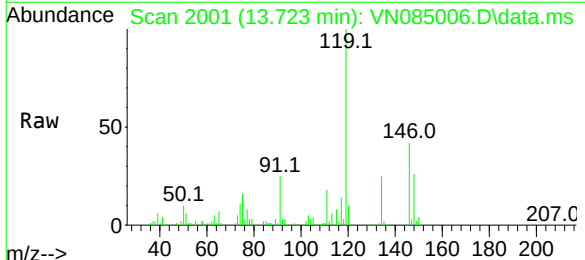
Manual Integrations
 APPROVED

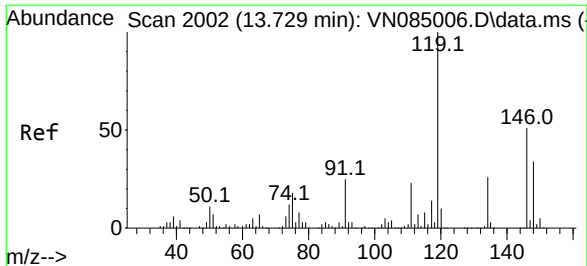
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024



#86
 p-Isopropyltoluene
 Concen: 54.443 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085006.D
 Acq: 22 Nov 2024 11:46

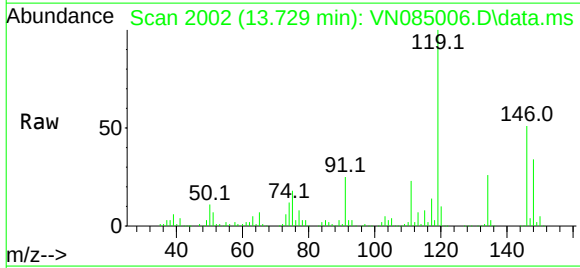
Tgt Ion:119 Resp: 353974
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 25.6 12.8 38.4





#87
1,3-Dichlorobenzene
Concen: 45.855 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

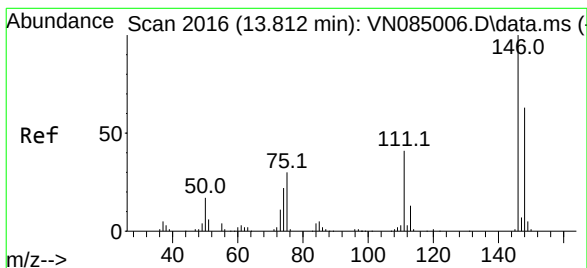
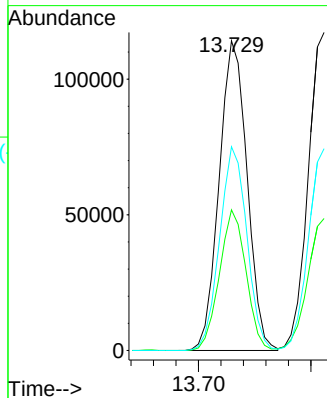
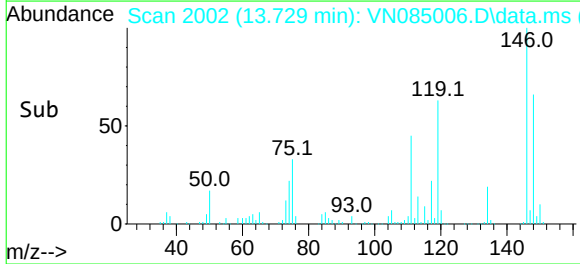
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



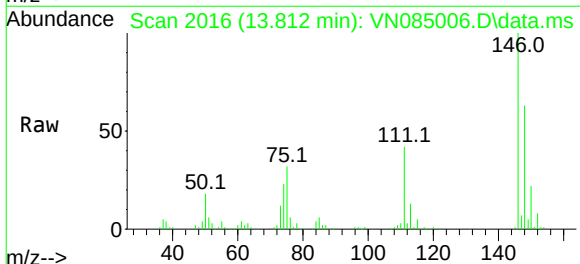
Tgt Ion:146 Resp: 196552
Ion Ratio Lower Upper
146 100
111 43.3 21.6 65.0
148 64.4 32.2 96.6

Manual Integrations
APPROVED

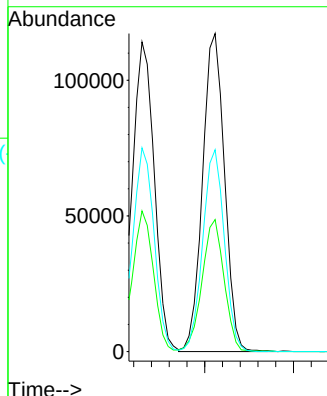
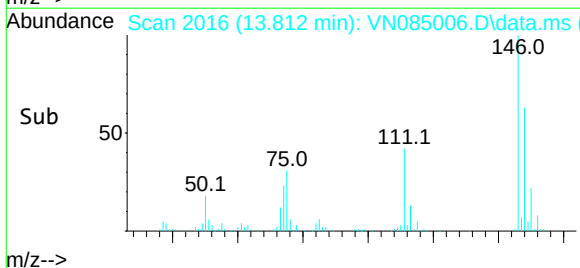
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

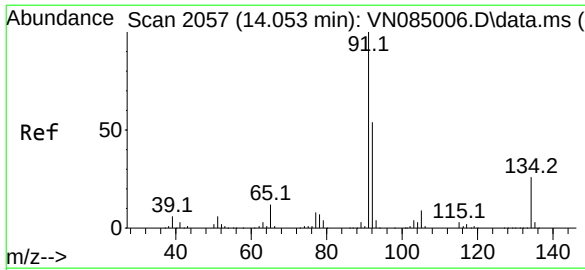


#88
1,4-Dichlorobenzene
Concen: 46.058 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46



Tgt Ion:146 Resp: 201469
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.8
148 62.6 31.3 93.9





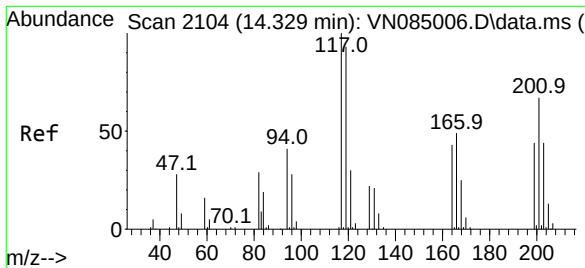
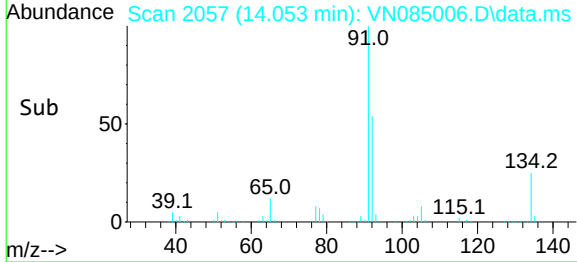
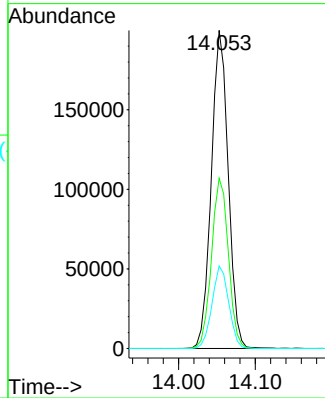
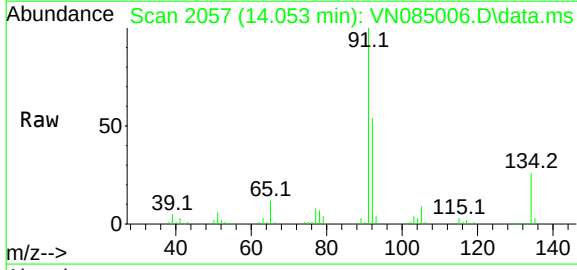
#89
n-Butylbenzene
Concen: 50.564 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	91	Resp:	305730
Ion Ratio	Lower	Upper	
91	100		
92	53.5	26.8	80.3
134	25.6	12.8	38.4

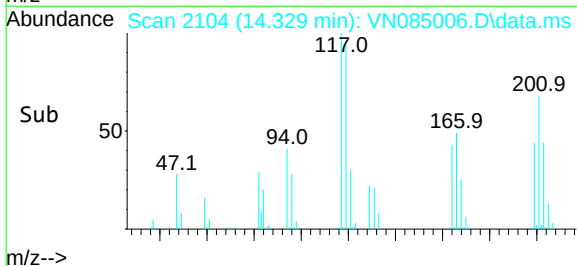
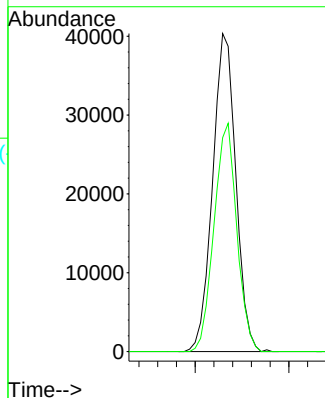
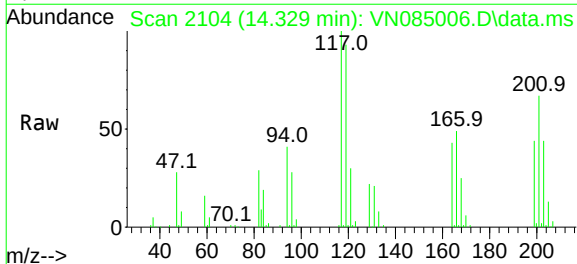
Manual Integrations
APPROVED

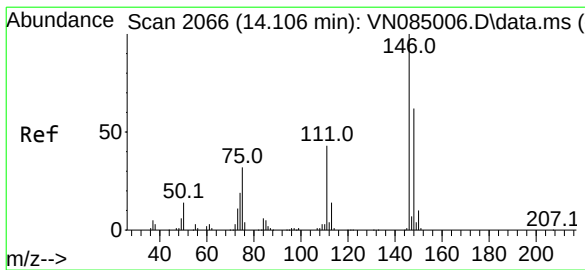
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#90
Hexachloroethane
Concen: 49.001 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:	117	Resp:	69444
Ion Ratio	Lower	Upper	
117	100		
201	70.4	35.2	105.6





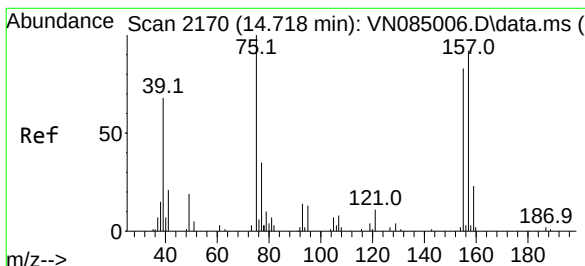
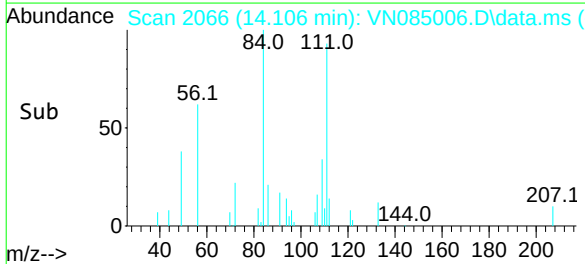
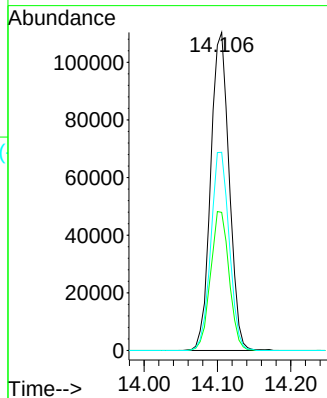
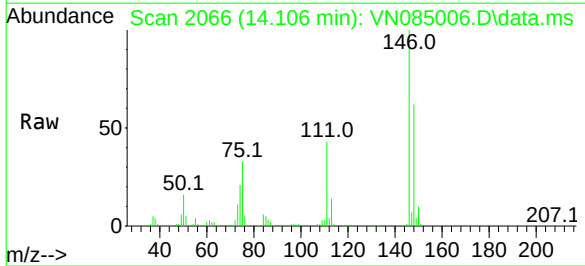
#91
1,2-Dichlorobenzene
Concen: 47.019 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:146 Resp: 193123
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.8
148 62.1 31.1 93.2

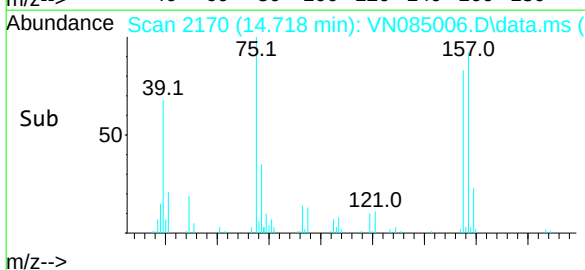
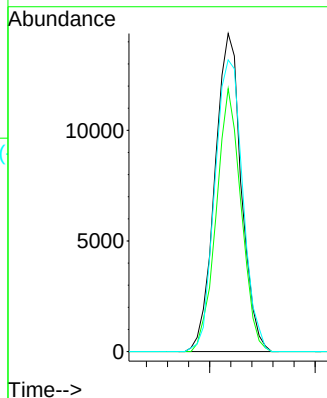
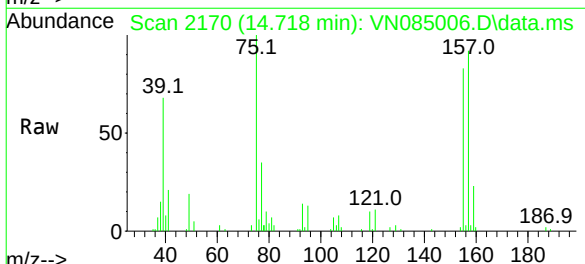
Manual Integrations
APPROVED

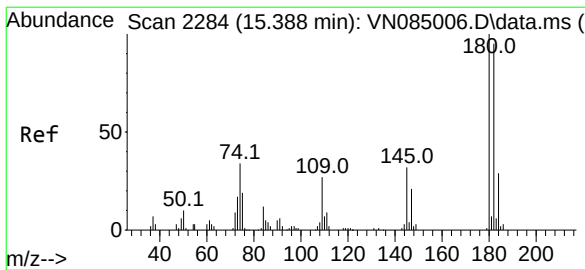
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.995 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

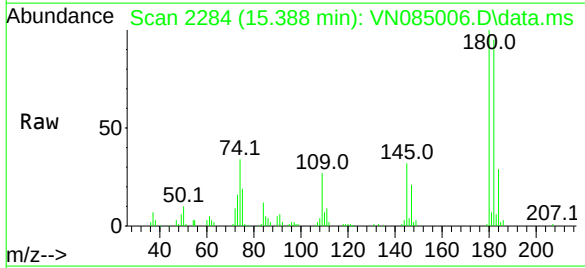
Tgt Ion: 75 Resp: 25059
Ion Ratio Lower Upper
75 100
155 77.8 38.9 116.7
157 96.6 48.3 144.9





#93
1,2,4-Trichlorobenzene
Concen: 46.278 ug/l
RT: 15.388 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

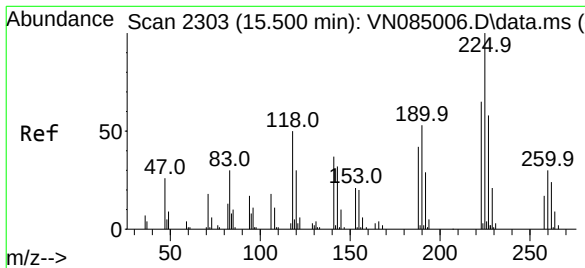
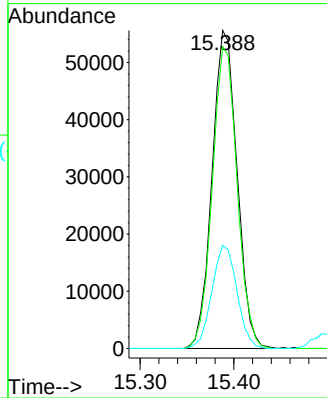
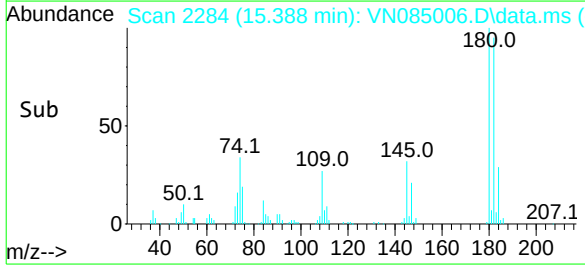
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:180 Resp: 103265
Ion Ratio Lower Upper
180 100
182 93.9 46.9 140.8
145 32.5 16.3 48.8

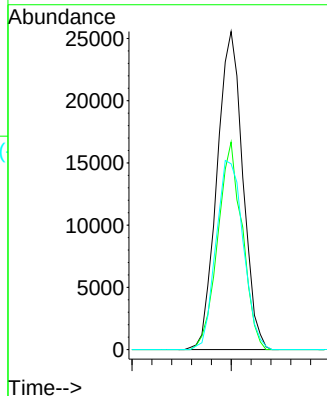
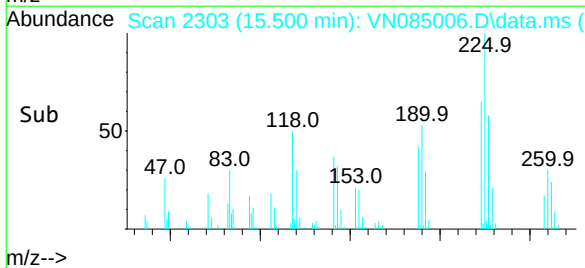
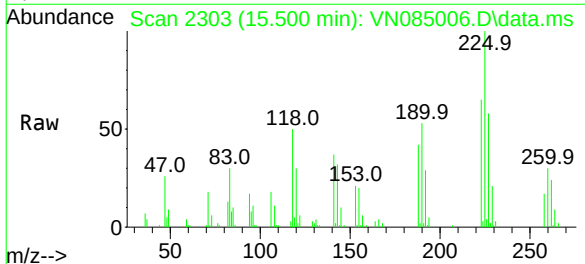
Manual Integrations
APPROVED

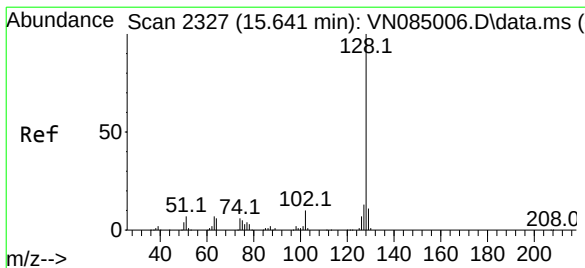
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024



#94
Hexachlorobutadiene
Concen: 44.848 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085006.D
Acq: 22 Nov 2024 11:46

Tgt Ion:225 Resp: 46186
Ion Ratio Lower Upper
225 100
223 61.9 30.9 92.8
227 63.0 31.5 94.5





#95

Naphthalene

Concen: 51.063 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

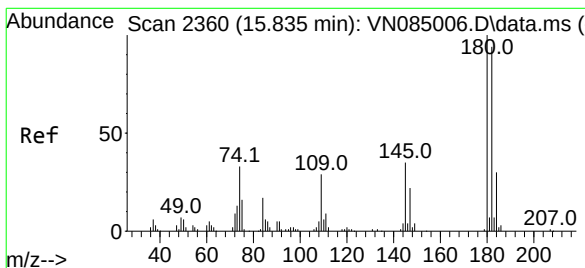
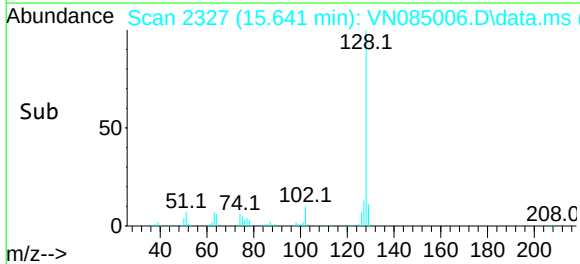
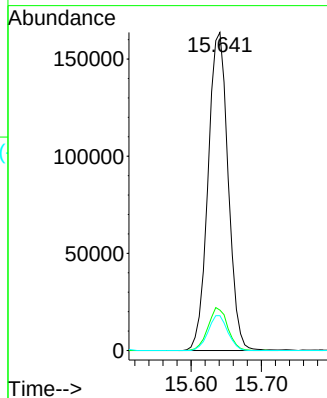
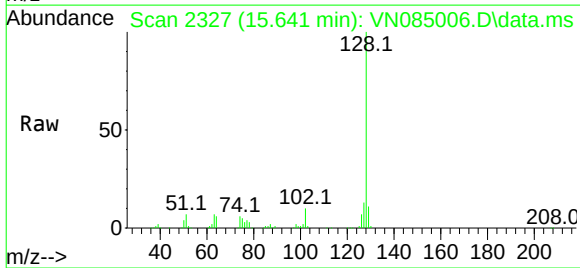
Tgt Ion:	128	Resp:	324523
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/25/2024



#96

1,2,3-Trichlorobenzene

Concen: 48.269 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085006.D

Acq: 22 Nov 2024 11:46

Tgt Ion:	180	Resp:	102772
Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.4	139.2
145	34.7	17.3	52.0

