

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086354.D
 Acq On : 21 Apr 2025 09:51
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Apr 22 01:47:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33043	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	203347	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	185620	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	99683	30.929	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.100%
60) 4-Bromofluorobenzene	12.847	95	109968	29.756	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.200%
63) Toluene-d8	10.565	98	307379	29.332	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.767%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	58482	22.090	ug/l	98
3) Chloromethane	2.359	50	77764	21.252	ug/l	100
4) Vinyl Chloride	2.512	62	74476	21.368	ug/l	98
5) Bromomethane	2.959	94	37395	21.509	ug/l	99
6) Chloroethane	3.124	64	48092	21.851	ug/l	97
7) Trichlorofluoromethane	3.500	101	83262	22.022	ug/l	95
8) Diethyl Ether	3.959	74	34585	19.835	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	51544	22.108	ug/l	98
10) 1,1-Dichloroethene	4.342	96	52336	20.800	ug/l	95
11) Methyl Iodide	4.589	142	58704	20.300	ug/l	100
12) Methyl Acetate	5.024	43	75951	21.376	ug/l	96
13) Acrolein	4.177	56	31705	78.501	ug/l	99
14) Acrylonitrile	5.712	53	140389	93.594	ug/l	98
15) Acetone	4.424	58	41516	109.159	ug/l	93
16) Carbon Disulfide	4.712	76	144635	20.047	ug/l	98
17) Allyl chloride	5.018	41	85397	19.473	ug/l	94
18) Methylene Chloride	5.271	84	59199	20.636	ug/l	96
19) trans-1,2-Dichloroethene	5.783	96	53708	20.265	ug/l	94
20) Diisopropyl ether	6.671	45	195636	20.751	ug/l	96
21) 1,1-Dichloroethane	6.571	63	106452	21.163	ug/l	98
22) cis-1,2-Dichloroethene	7.482	96	66337	21.012	ug/l	100
23) tert-Butyl Alcohol	5.512	59	58832	94.658	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	188846	20.798	ug/l	98
25) Chloroform	7.959	83	105063	21.904	ug/l	99
26) Cyclohexane	8.253	56	96368	20.478	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	76481	20.995	ug/l	99
30) 2-Butanone	7.477	43	202023	100.086	ug/l	98
31) 2,2-Dichloropropane	7.488	77	98946	22.067	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	91310	21.791	ug/l	100
33) Carbon Tetrachloride	8.353	117	75053	22.412	ug/l	96
34) Benzene	8.600	78	244447	21.093	ug/l	96
35) Methacrylonitrile	7.771	41	44651	19.622	ug/l	96
36) 1,2-Dichloroethane	8.665	62	79804	22.005	ug/l	96
37) Trichloroethene	9.347	130	59275	21.198	ug/l	94
38) Methylcyclohexane	9.594	83	91470	20.474	ug/l	99
39) 1,2-Dichloropropane	9.618	63	60048	20.823	ug/l	99
40) Dibromomethane	9.706	93	39383	21.145	ug/l	97
41) Bromodichloromethane	9.882	83	85916	21.473	ug/l	99
42) Vinyl Acetate	6.600	43	679942	98.960	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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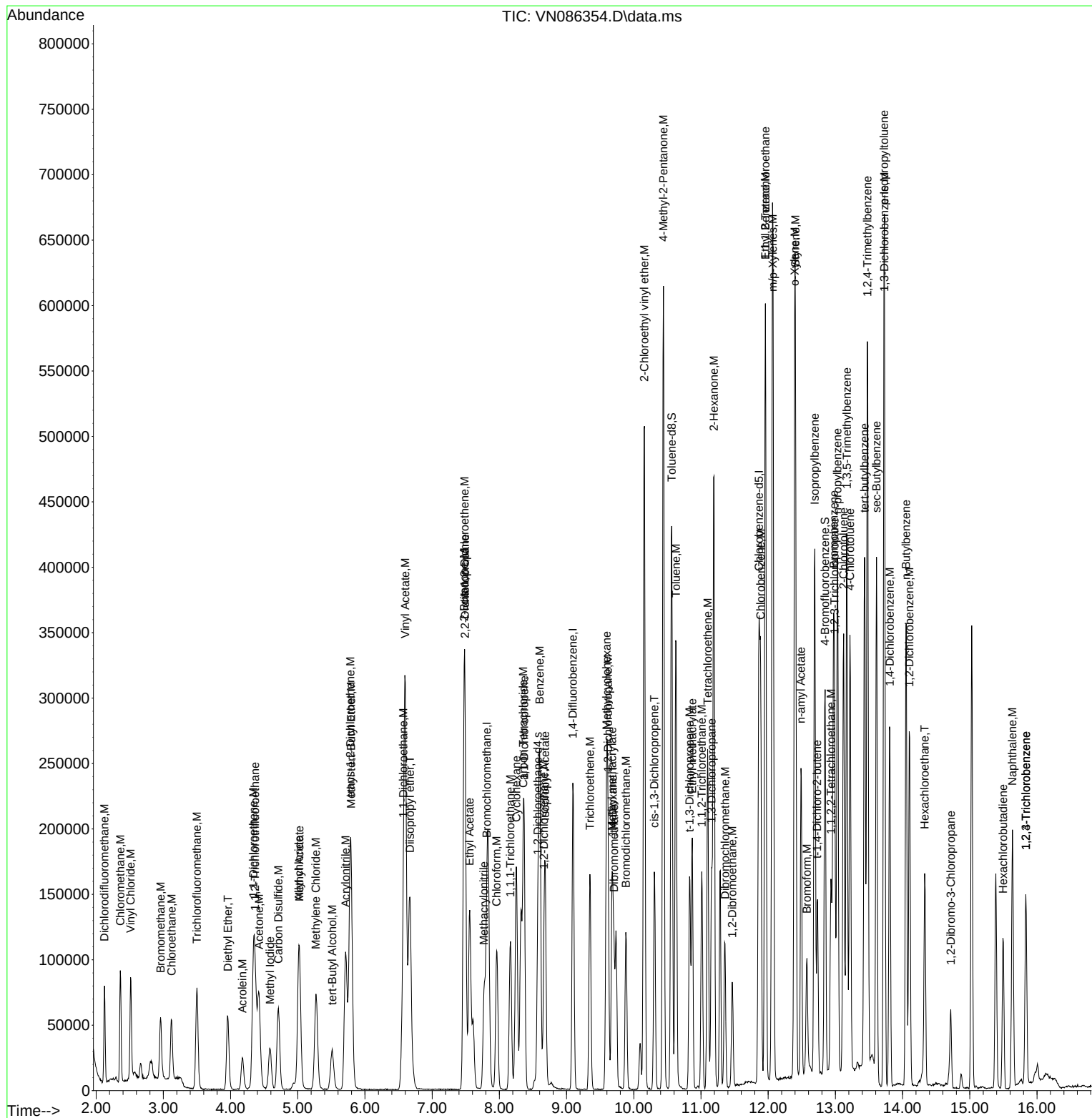
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43) Ethyl Acetate	7.559	43	74860	18.387	ug/l	97
44) Isopropyl Acetate	8.682	43	144287	19.103	ug/l	100
45) 1,4-Dioxane	9.688	88	24862	413.952	ug/l #	95
46) Methyl methacrylate	9.676	41	66816	20.077	ug/l	95
47) n-amyl Acetate	12.488	43	126153	21.066	ug/l	98
48) t-1,3-Dichloropropene	10.829	75	94147	20.813	ug/l	95
49) cis-1,3-Dichloropropene	10.306	75	101104	21.118	ug/l	96
50) 1,1,2-Trichloroethane	11.012	97	54889	21.012	ug/l	98
51) Ethyl methacrylate	10.871	69	101035	20.813	ug/l	95
52) 1,3-Dichloropropane	11.159	76	98998	21.263	ug/l	99
53) Dibromochloromethane	11.359	129	61767	21.617	ug/l	99
54) 1,2-Dibromoethane	11.465	107	57416	21.774	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	235338	128.296	ug/l	99
56) Bromoform	12.576	173	41931	22.430	ug/l #	98
58) 4-Methyl-2-Pentanone	10.441	43	406943	96.608	ug/l	99
59) 2-Hexanone	11.194	43	300985	95.959	ug/l	100
61) Tetrachloroethene	11.100	164	58504	21.343	ug/l	97
62) Toluene	10.629	91	268994	21.606	ug/l	99
64) Chlorobenzene	11.888	112	163663	21.516	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	55198	21.989	ug/l	99
66) Ethyl Benzene	11.959	91	296713	21.490	ug/l	97
67) m/p-Xylenes	12.070	106	223434	43.520	ug/l	99
68) o-Xylene	12.394	106	111170	22.014	ug/l	99
69) Styrene	12.406	104	187270	21.989	ug/l	99
70) Isopropylbenzene	12.694	105	276227	22.185	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	77478	21.861	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	111452	30.211	ug/l	60
73) Bromobenzene	12.976	156	62854	22.787	ug/l	92
74) n-propylbenzene	13.029	91	329787	22.431	ug/l	99
75) 2-Chlorotoluene	13.123	91	202859	21.951	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	228362	22.327	ug/l	100
77) t-1,4-Dichloro-2-butene	12.729	75	33783	19.860	ug/l	95
78) 4-Chlorotoluene	13.217	91	202653	21.957	ug/l	99
79) tert-butylbenzene	13.435	119	191859	21.678	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	230350	22.210	ug/l	99
81) sec-Butylbenzene	13.611	105	279991	22.680	ug/l	99
82) p-Isopropyltoluene	13.723	119	231741	22.502	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	117411	22.902	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	114379	22.239	ug/l	99
85) n-Butylbenzene	14.053	91	207118	22.293	ug/l	99
86) Hexachloroethane	14.329	117	37944	21.841	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	112813	22.286	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	15740	19.499	ug/l	99
89) 1,2,4-Trichlorobenzene	15.835	180	49941	20.277	ug/l	97
90) Hexachlorobutadiene	15.494	225	21279	20.010	ug/l	98
91) Naphthalene	15.635	128	185305	19.082	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	49941	20.277	ug/l	97

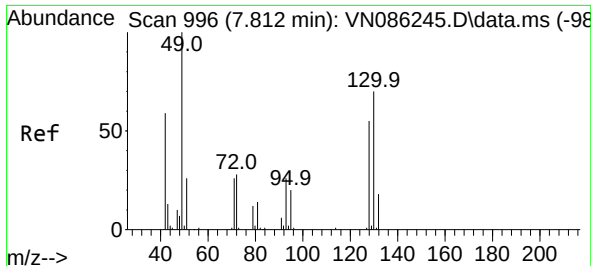
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041215\
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ALS Vial : 2 Sample Multiplier: 1

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VSTDCCC020

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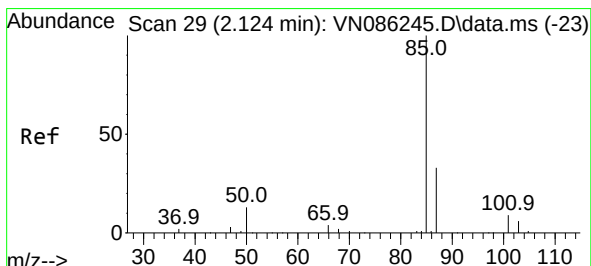
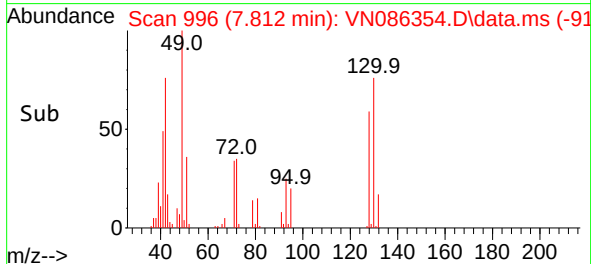
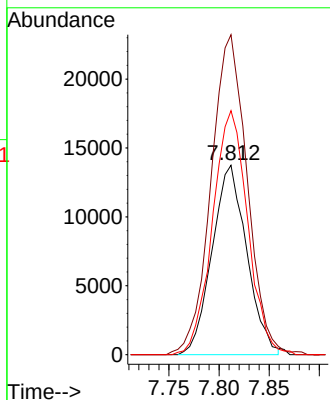
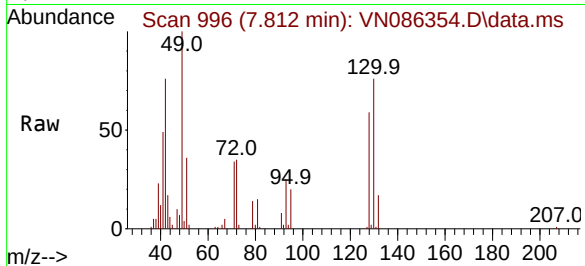




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086354.D
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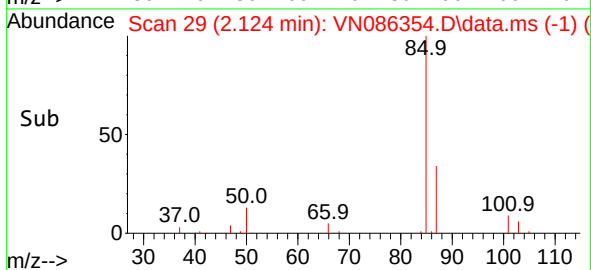
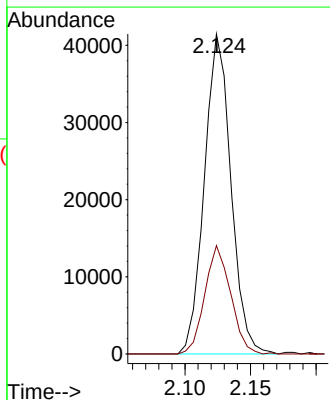
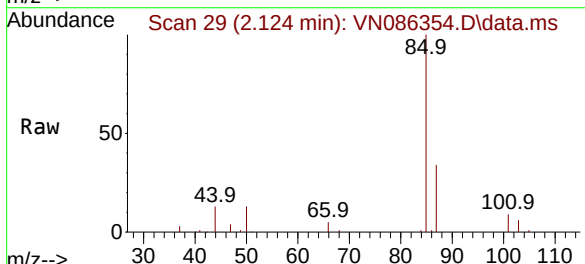
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VSTDCCC020

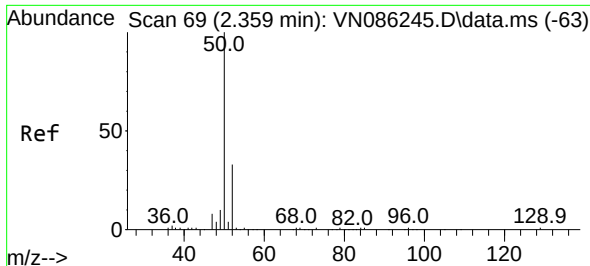
Tgt Ion:128 Resp: 33043
Ion Ratio Lower Upper
128 100
49 175.7 0.0 452.5
130 130.8 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 22.090 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 85 Resp: 58482
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.9

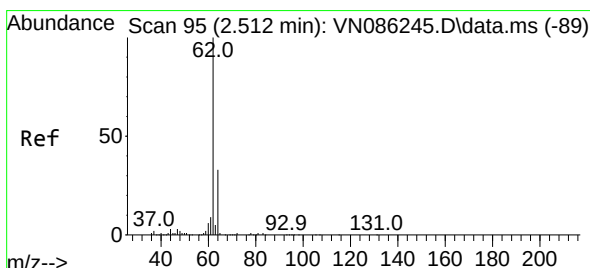
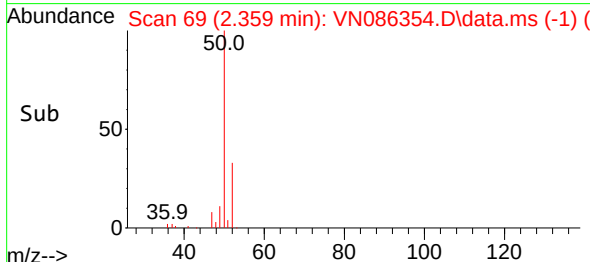
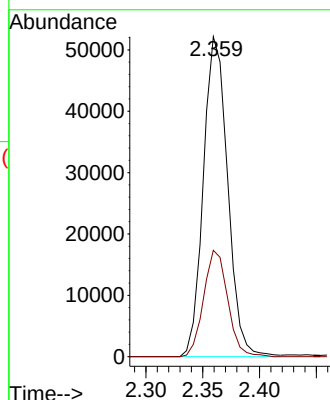
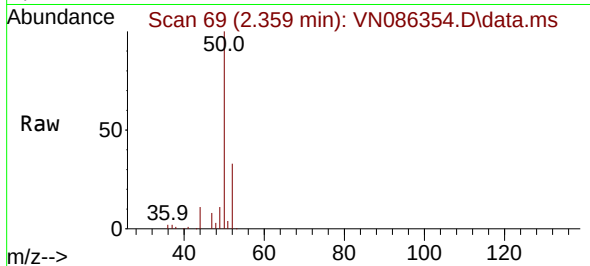




#3
Chloromethane
Concen: 21.252 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

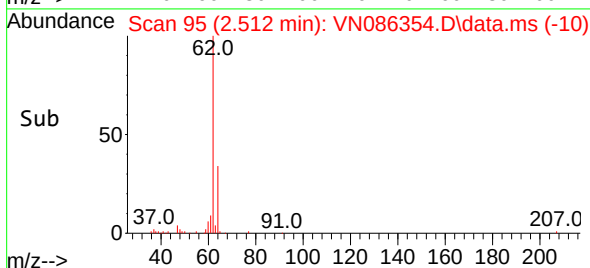
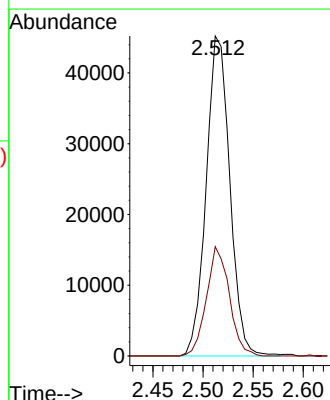
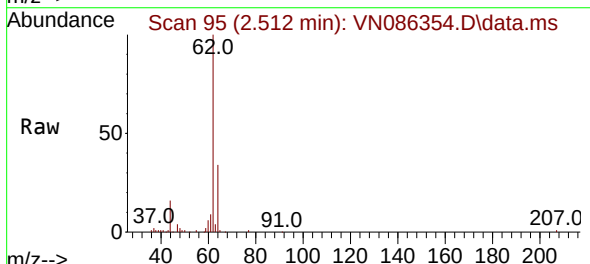
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ClientSampleId :
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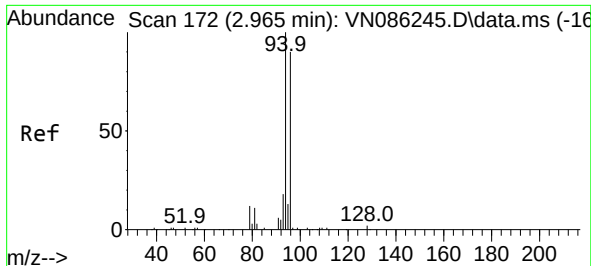
Tgt Ion: 50 Resp: 77764
Ion Ratio Lower Upper
50 100
52 33.3 26.4 39.6



#4
Vinyl Chloride
Concen: 21.368 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 62 Resp: 74476
Ion Ratio Lower Upper
62 100
64 34.1 26.3 39.5

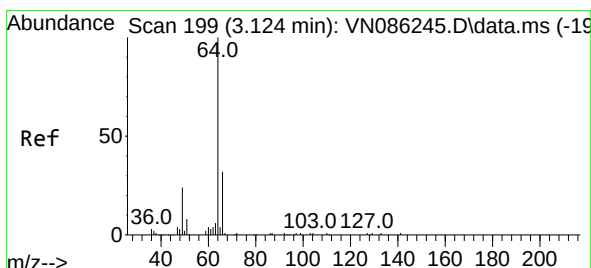
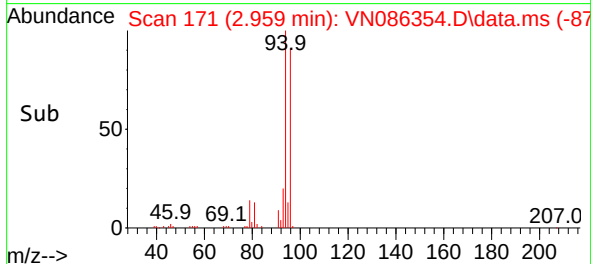
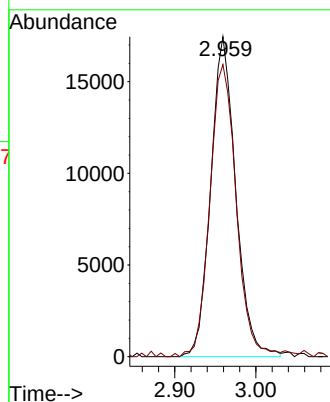
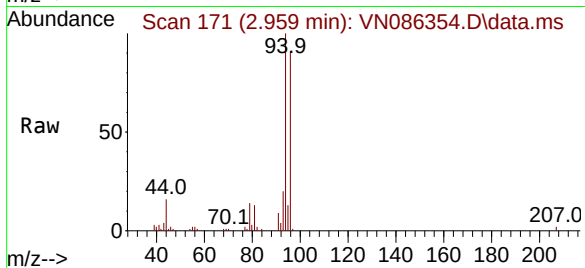




#5
Bromomethane
Concen: 21.509 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

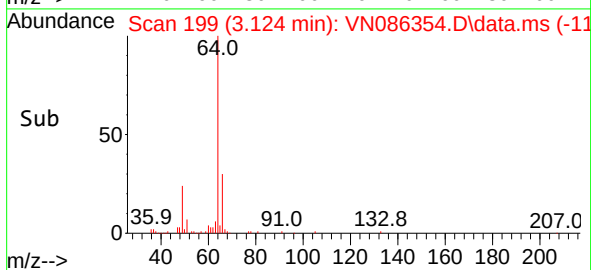
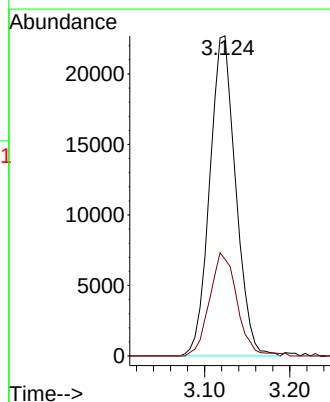
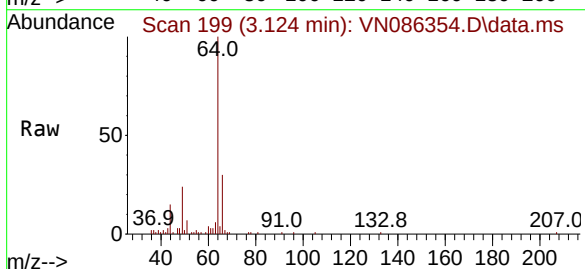
Instrument :
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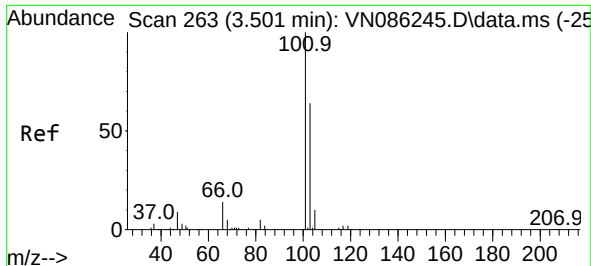
Tgt Ion: 94 Resp: 37395
Ion Ratio Lower Upper
94 100
96 91.3 72.2 108.2



#6
Chloroethane
Concen: 21.851 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 64 Resp: 48092
Ion Ratio Lower Upper
64 100
66 30.3 25.7 38.5

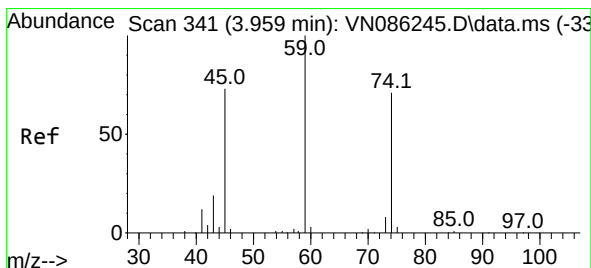
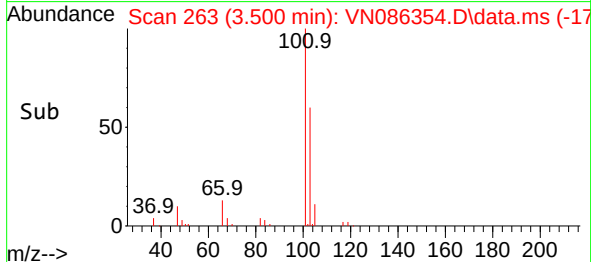
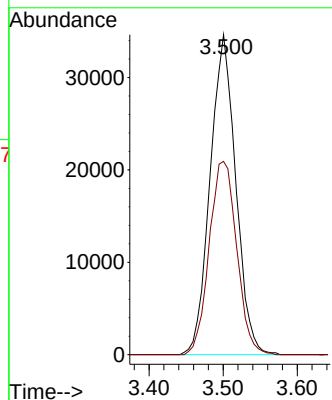
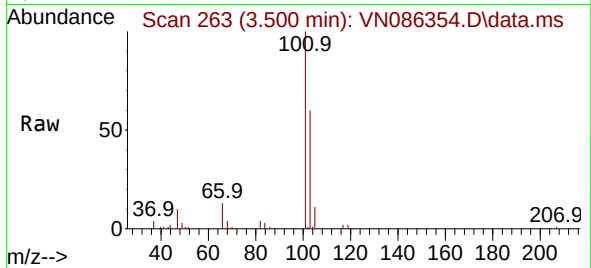




#7
 Trichlorofluoromethane
 Concen: 22.022 ug/l
 RT: 3.500 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VN086354.D
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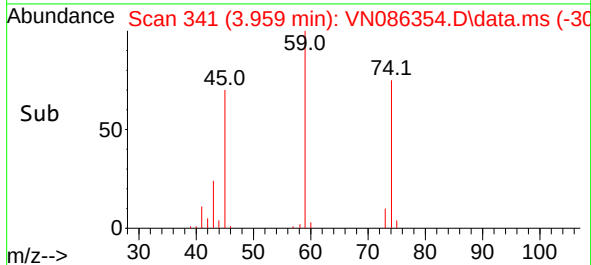
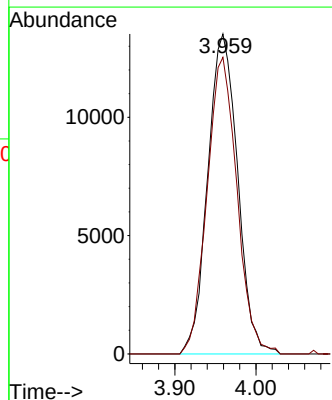
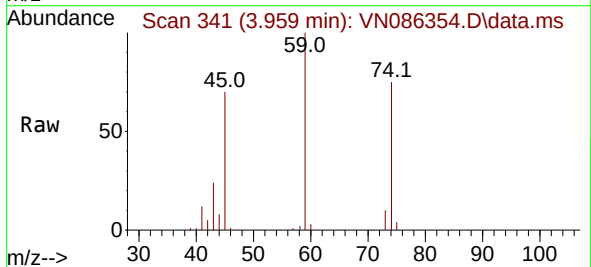
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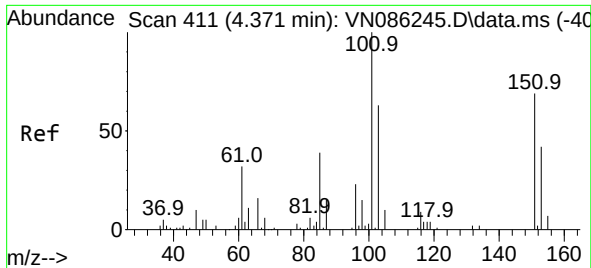
Tgt Ion:101 Resp: 83262
 Ion Ratio Lower Upper
 101 100
 103 60.4 51.2 76.8



#8
 Diethyl Ether
 Concen: 19.835 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 34585
 Ion Ratio Lower Upper
 74 100
 45 92.7 19.2 173.2

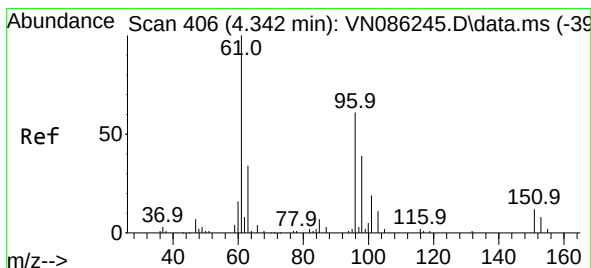
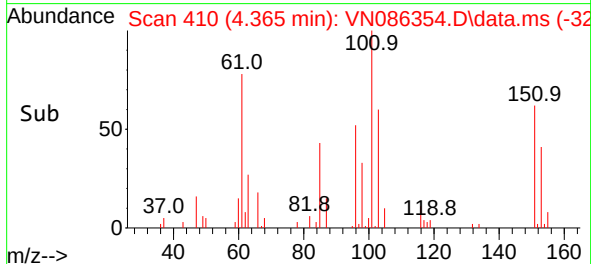
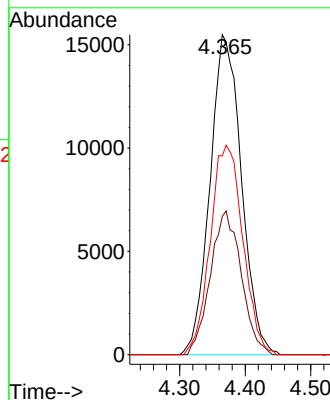
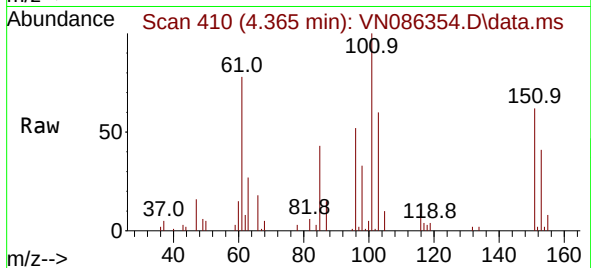




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.108 ug/l
 RT: 4.365 min Scan# 411
 Delta R.T. -0.006 min
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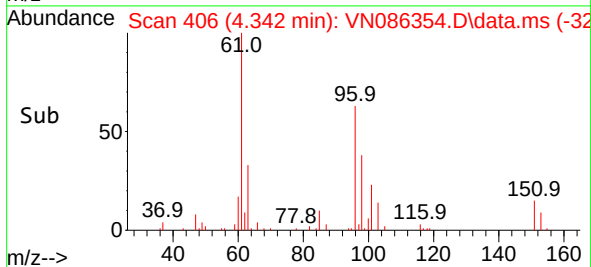
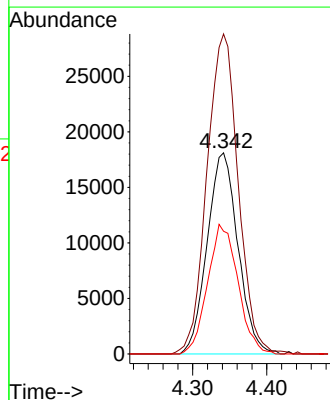
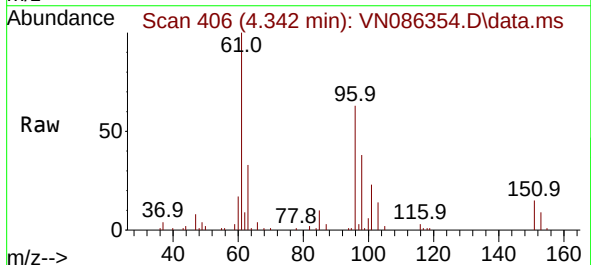
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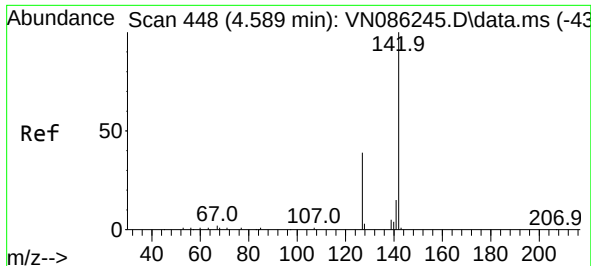
Tgt Ion:101 Resp: 51544
 Ion Ratio Lower Upper
 101 100
 85 44.1 0.0 93.0
 151 67.9 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 20.800 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

Tgt Ion: 96 Resp: 52336
 Ion Ratio Lower Upper
 96 100
 61 157.6 131.1 196.7
 98 61.0 51.6 77.4

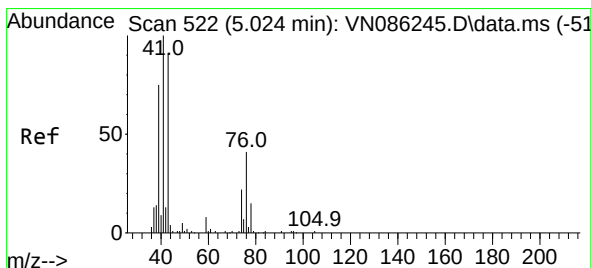
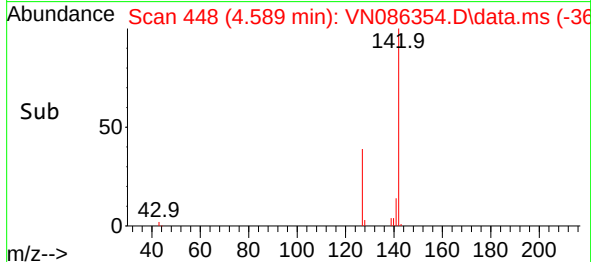
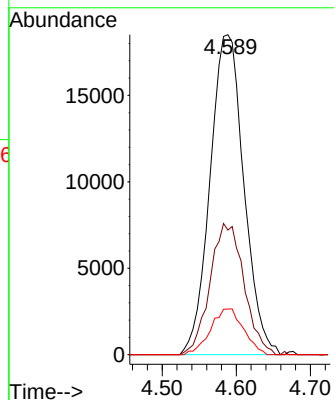
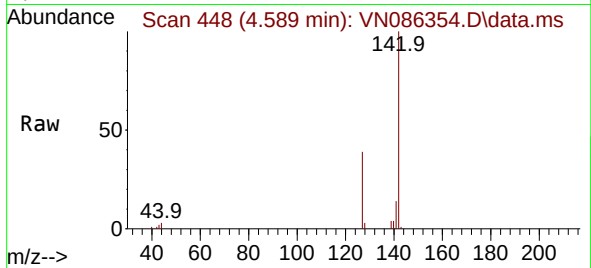




#11
Methyl Iodide
Concen: 20.300 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

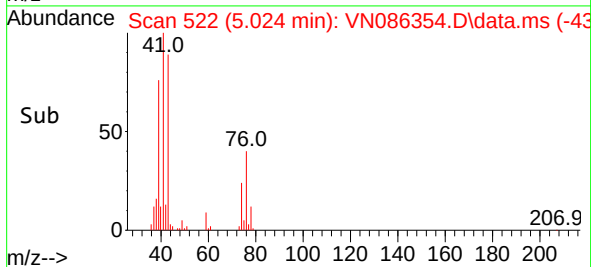
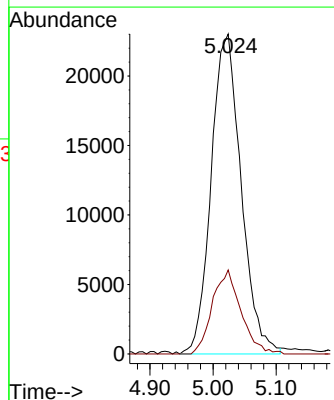
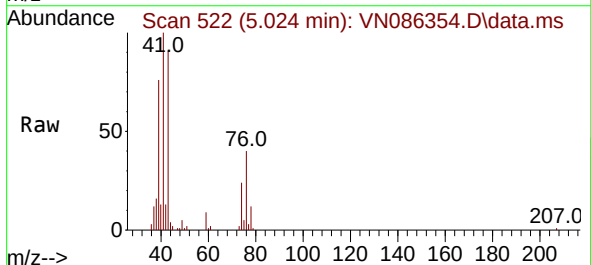
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

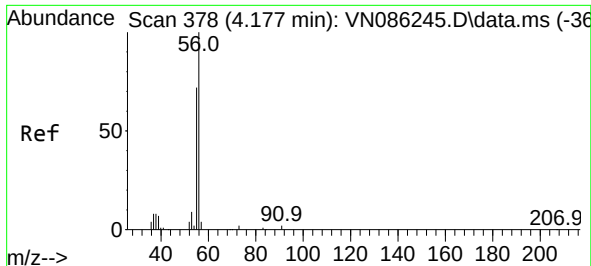
Tgt Ion:142 Resp: 58704
Ion Ratio Lower Upper
142 100
127 39.0 19.6 58.8
141 14.3 7.3 21.9



#12
Methyl Acetate
Concen: 21.376 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 43 Resp: 75951
Ion Ratio Lower Upper
43 100
74 26.1 19.1 28.7





#13

Acrolein

Concen: 78.501 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

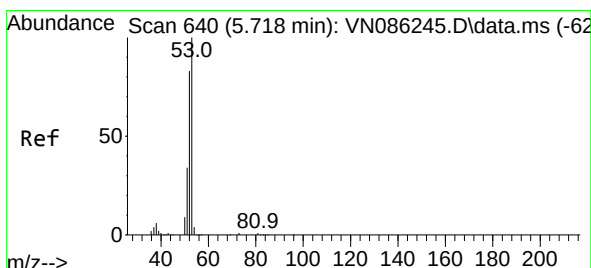
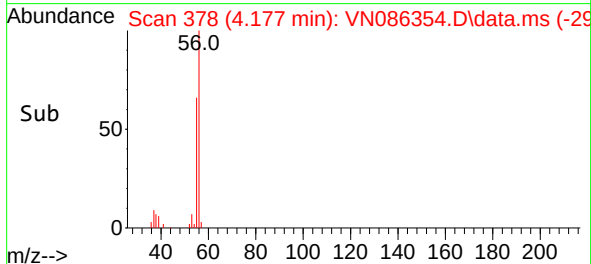
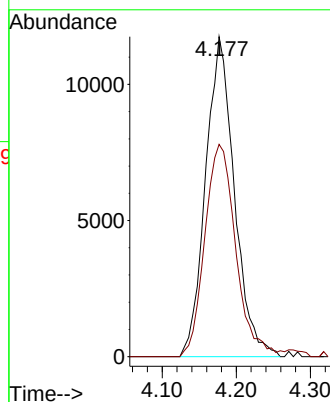
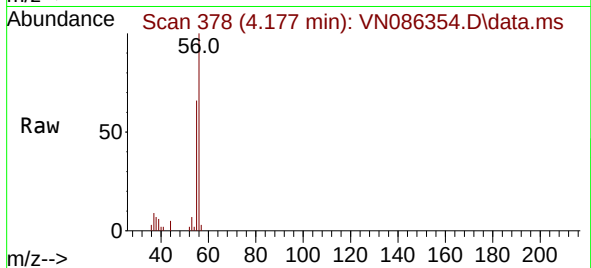
VSTDCCC020

Tgt Ion: 56 Resp: 31705

Ion Ratio Lower Upper

56 100

55 71.1 56.5 84.7



#14

Acrylonitrile

Concen: 93.594 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

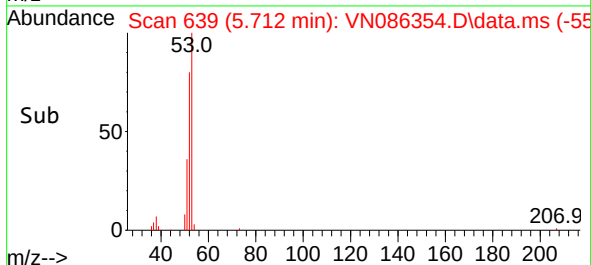
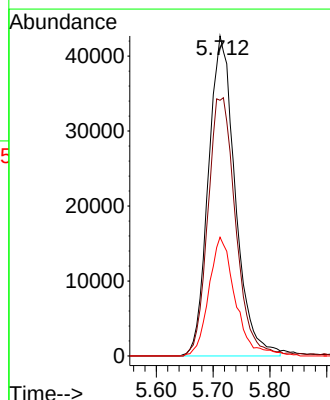
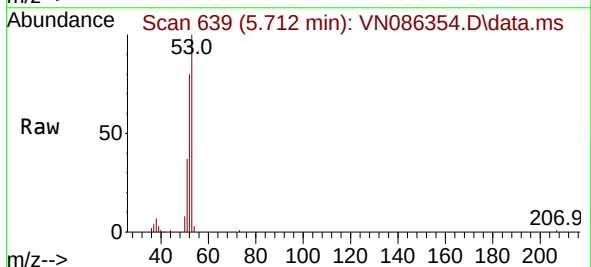
Tgt Ion: 53 Resp: 140389

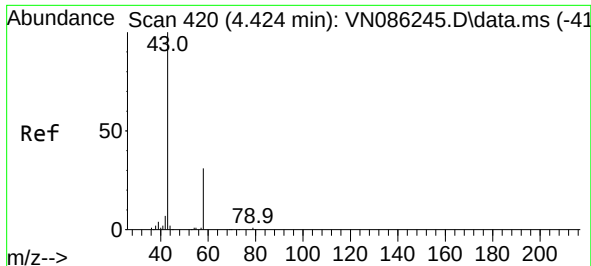
Ion Ratio Lower Upper

53 100

52 82.9 40.2 120.6

51 34.8 17.5 52.6

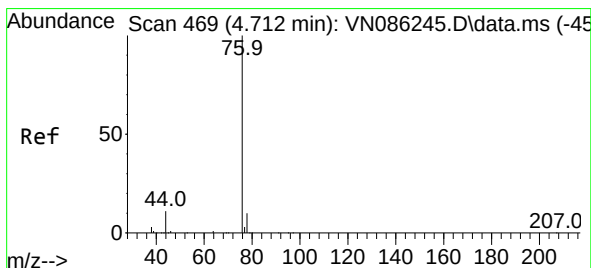
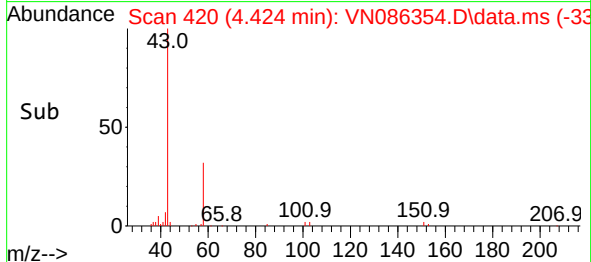
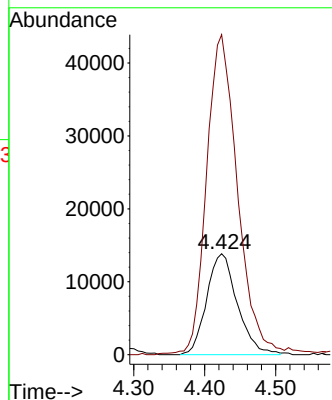
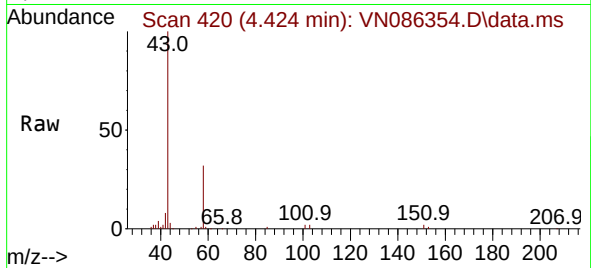




#15
Acetone
Concen: 109.159 ug/l
RT: 4.424 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

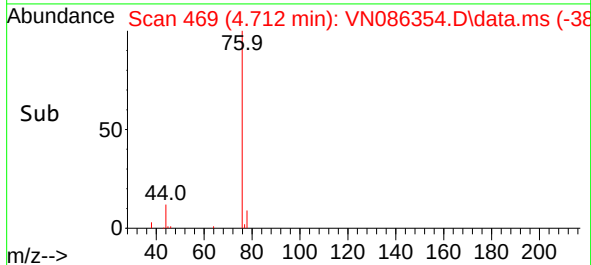
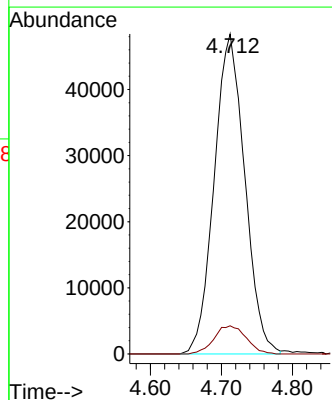
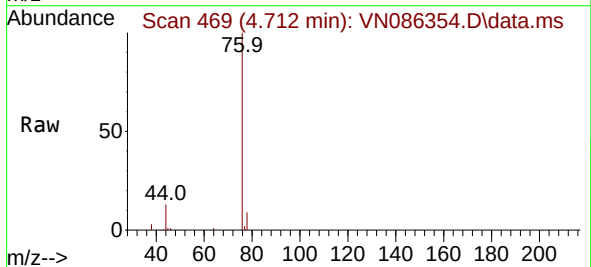
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

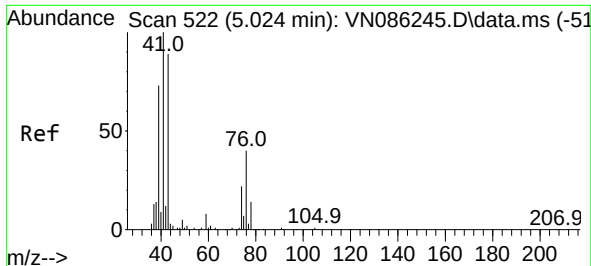
Tgt Ion: 58 Resp: 41516
Ion Ratio Lower Upper
58 100
43 313.7 261.8 392.8



#16
Carbon Disulfide
Concen: 20.047 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 76 Resp: 144635
Ion Ratio Lower Upper
76 100
78 8.8 7.7 11.5

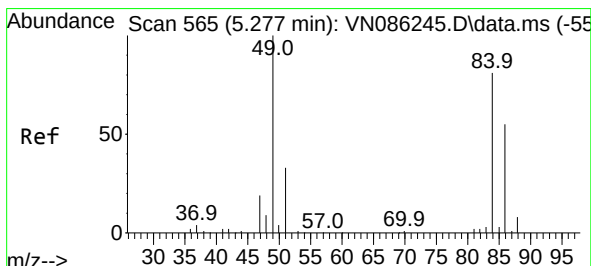
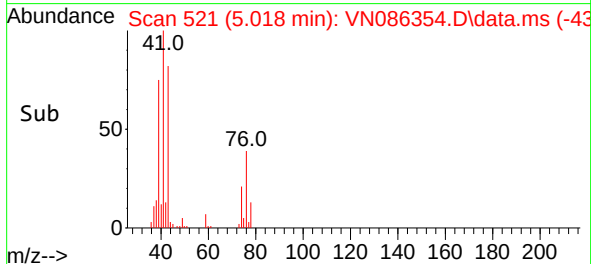
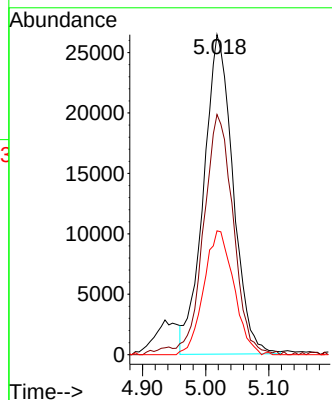
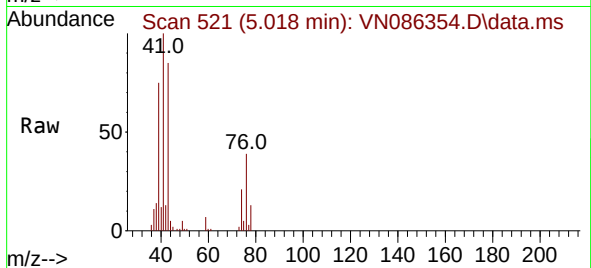




#17
 Allyl chloride
 Concen: 19.473 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

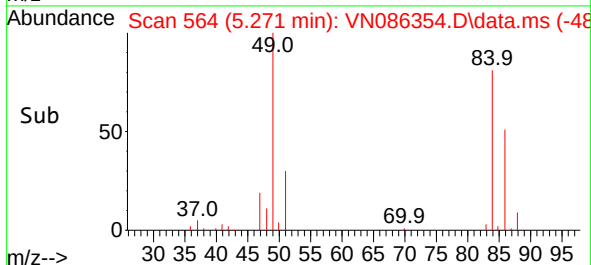
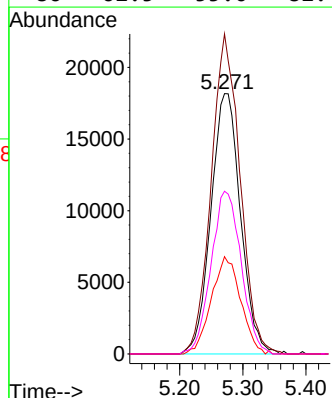
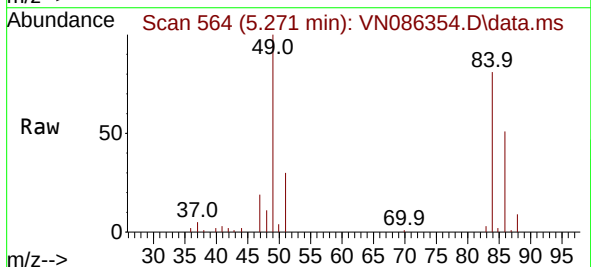
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

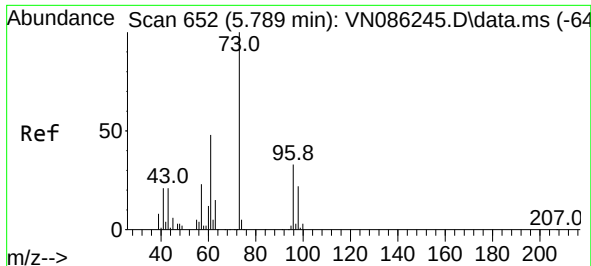
Tgt Ion: 41 Resp: 85397
 Ion Ratio Lower Upper
 41 100
 39 75.8 34.4 103.2
 76 39.1 18.8 56.3



#18
 Methylene Chloride
 Concen: 20.636 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

Tgt Ion: 84 Resp: 59199
 Ion Ratio Lower Upper
 84 100
 49 122.9 99.1 148.7
 51 37.3 32.3 48.5
 86 62.5 55.0 82.4





#19

trans-1,2-Dichloroethene

Concen: 20.265 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

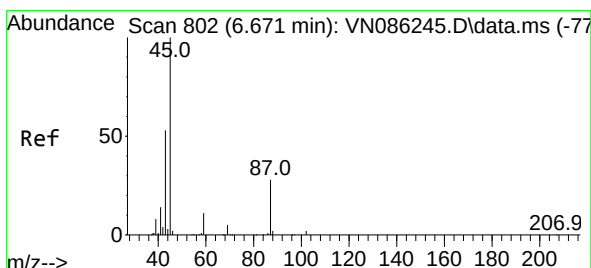
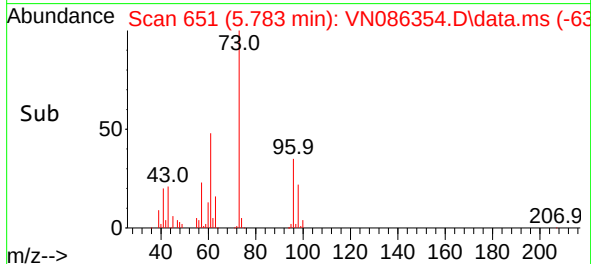
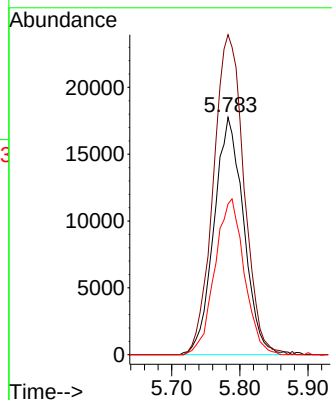
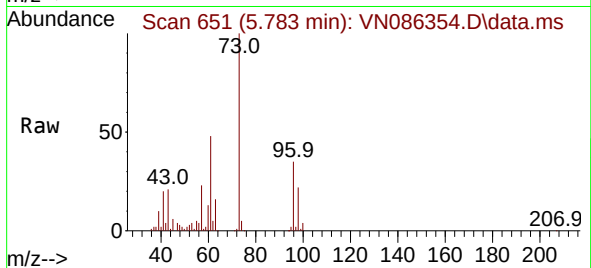
Tgt Ion: 96 Resp: 53708

Ion Ratio Lower Upper

96 100

61 134.8 115.9 173.9

98 63.5 52.1 78.1



#20

Diisopropyl ether

Concen: 20.751 ug/l

RT: 6.671 min Scan# 802

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Tgt Ion: 45 Resp: 195636

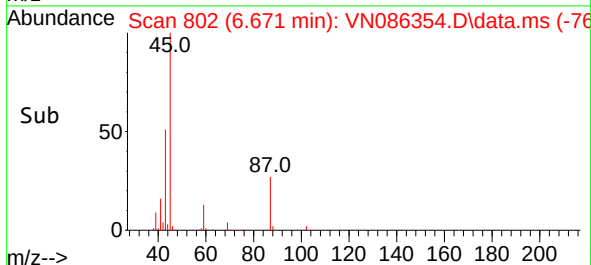
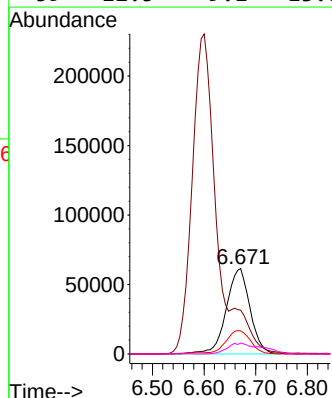
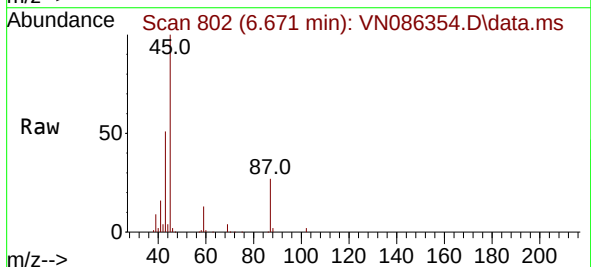
Ion Ratio Lower Upper

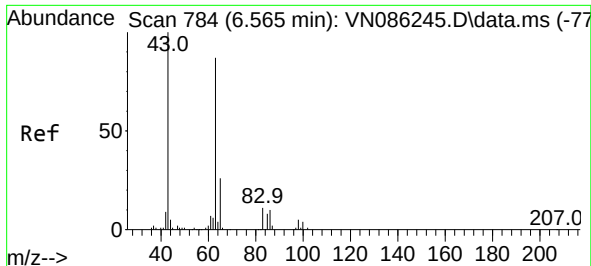
45 100

43 49.5 42.3 63.5

87 27.0 22.2 33.4

59 12.5 9.1 13.7

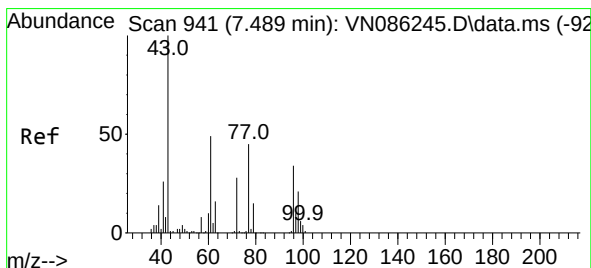
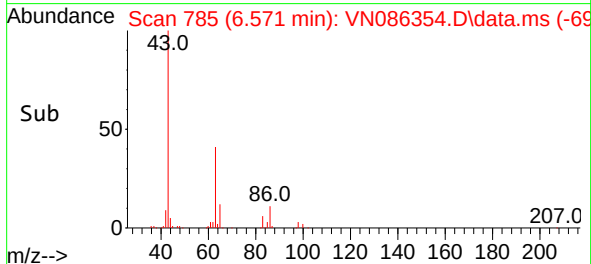
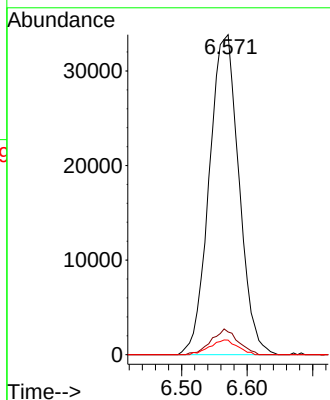
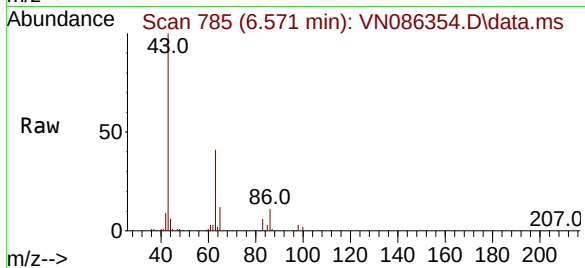




#21
1,1-Dichloroethane
Concen: 21.163 ug/l
RT: 6.571 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

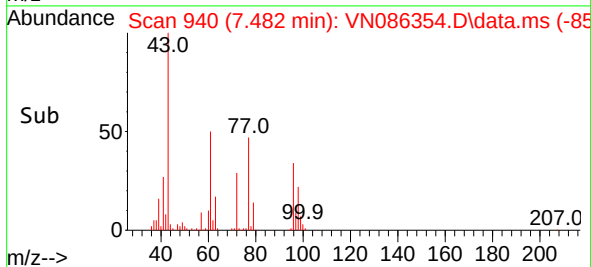
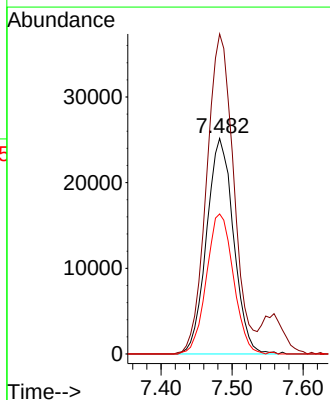
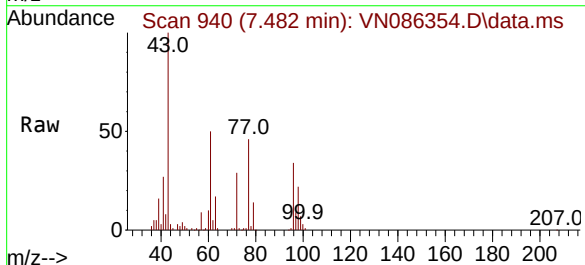
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

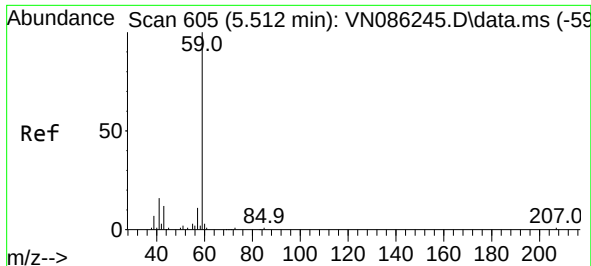
Tgt Ion: 63 Resp: 106452
Ion Ratio Lower Upper
63 100
98 7.1 3.1 9.3
100 4.5 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 21.012 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 96 Resp: 66337
Ion Ratio Lower Upper
96 100
61 149.5 119.5 179.3
98 64.9 51.0 76.6

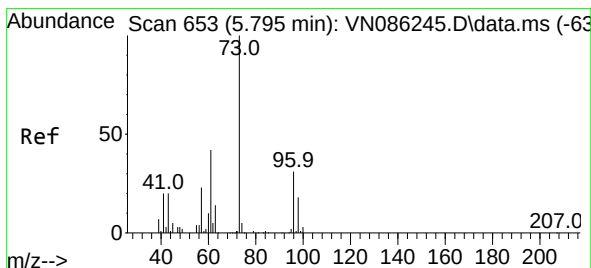
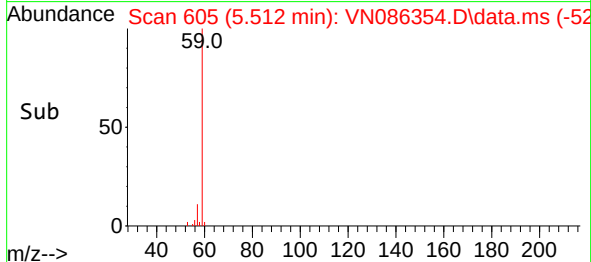
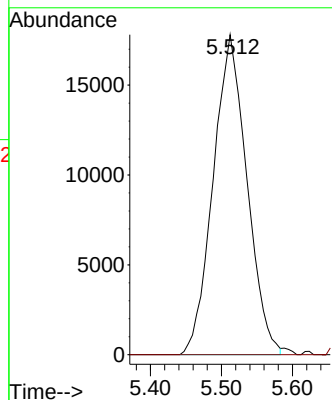
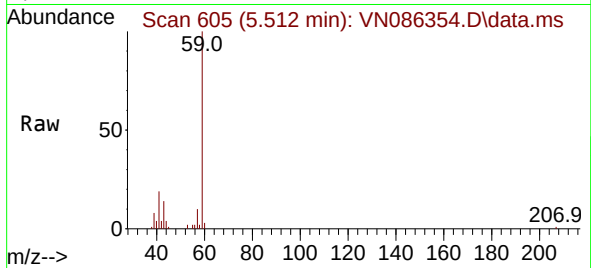




#23
tert-Butyl Alcohol
Concen: 94.658 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

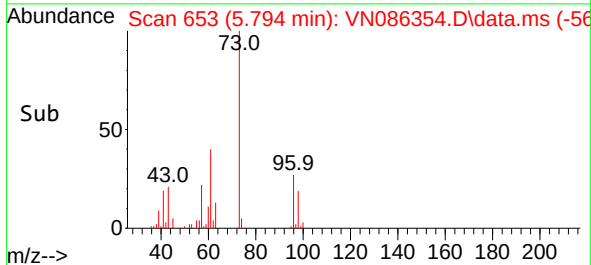
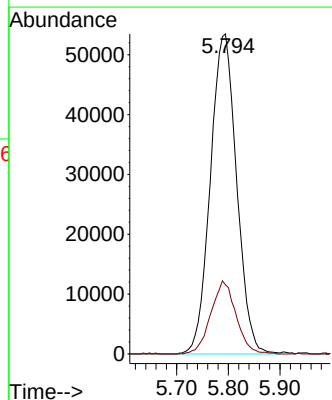
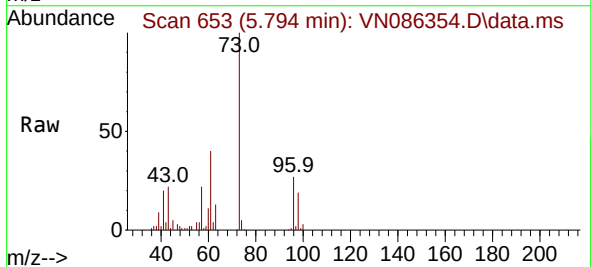
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

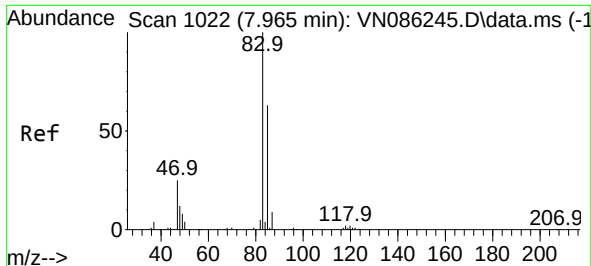
Tgt Ion: 59 Resp: 58832
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.798 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 73 Resp: 188846
Ion Ratio Lower Upper
73 100
43 21.8 16.8 25.2

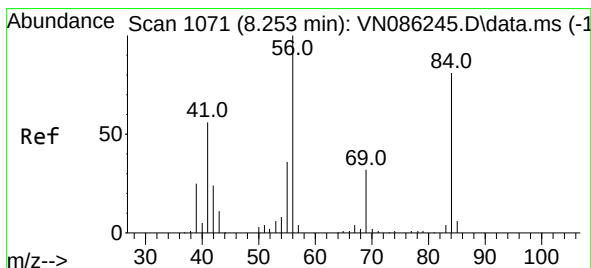
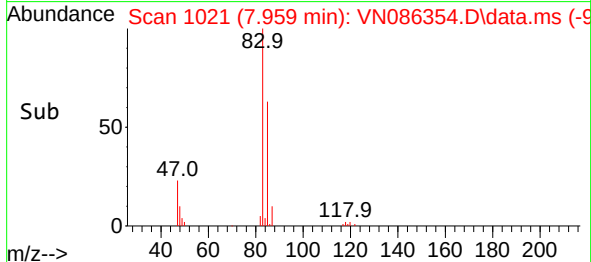
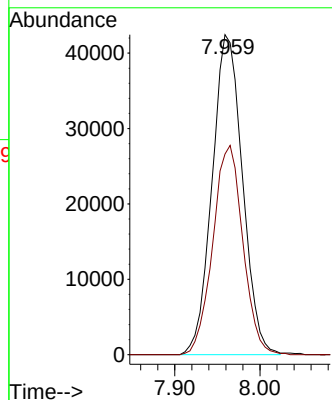
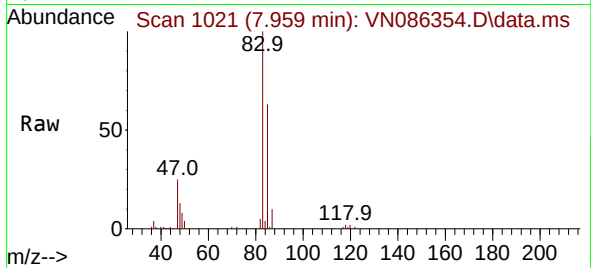




#25
Chloroform
Concen: 21.904 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

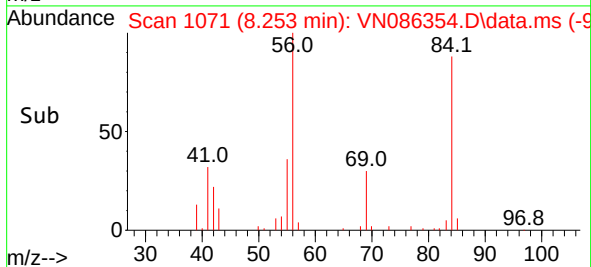
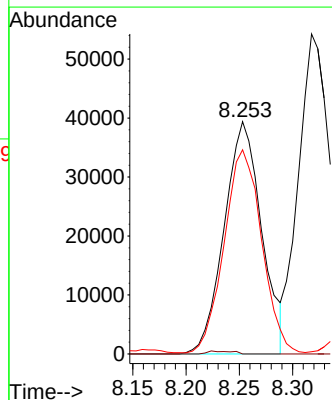
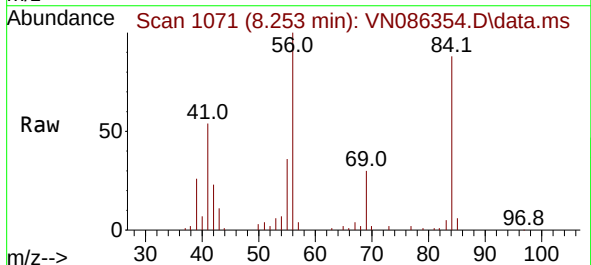
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

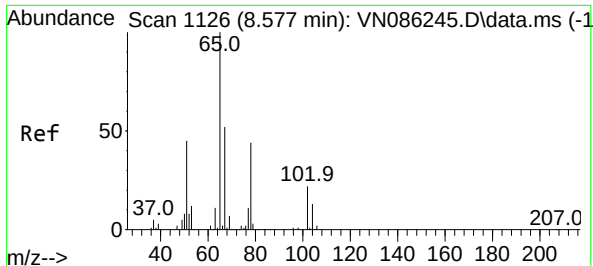
Tgt Ion: 83 Resp: 105063
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7



#26
Cyclohexane
Concen: 20.478 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 56 Resp: 96368
Ion Ratio Lower Upper
56 100
89 0.2 0.0 0.0#
84 88.7 69.0 103.4





#27

1,2-Dichloroethane-d4

Concen: 30.929 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

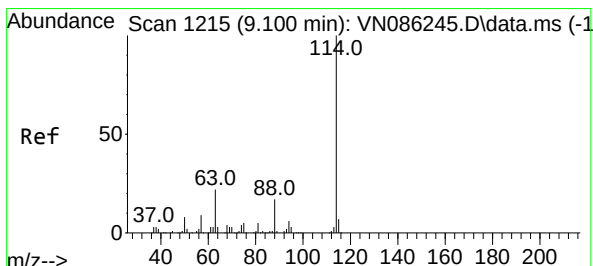
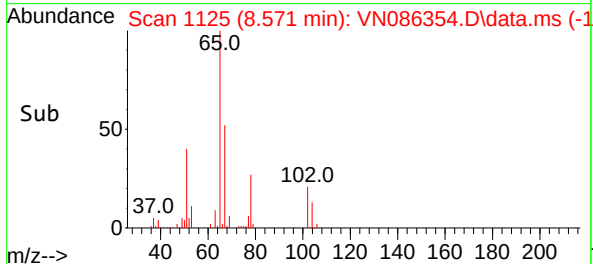
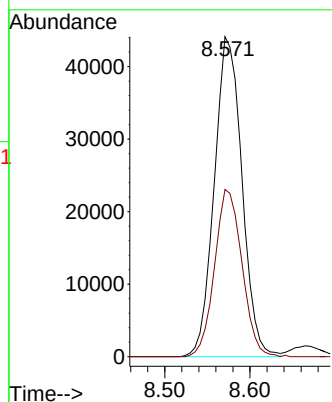
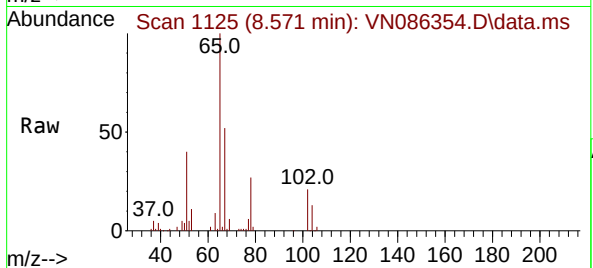
VSTDCCC020

Tgt Ion: 65 Resp: 99683

Ion Ratio Lower Upper

65 100

67 51.7 43.4 65.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

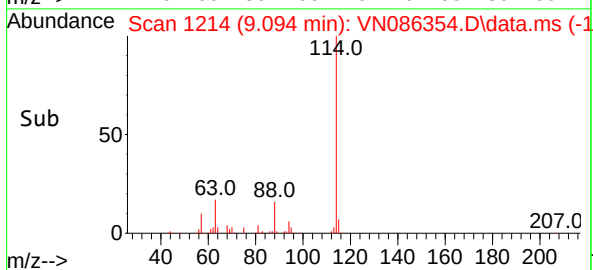
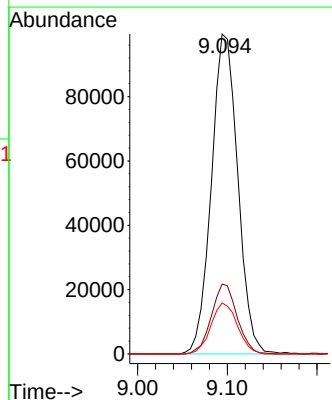
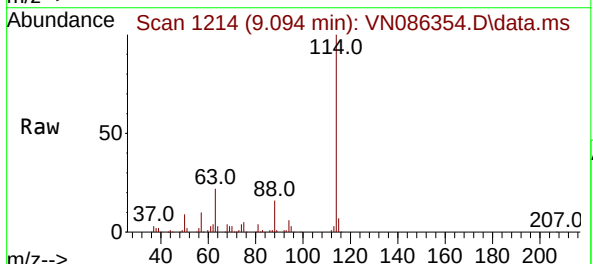
Tgt Ion: 114 Resp: 203347

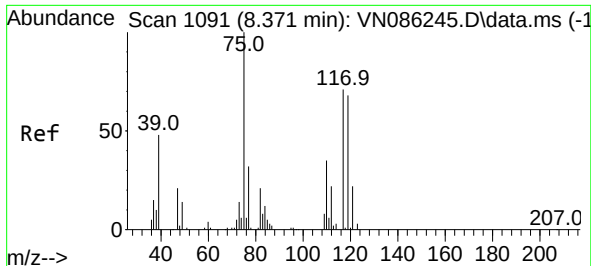
Ion Ratio Lower Upper

114 100

63 21.2 17.8 26.6

88 16.0 13.4 20.2

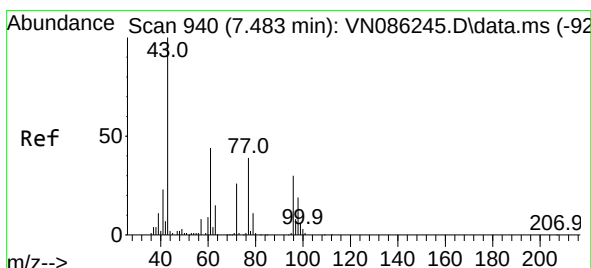
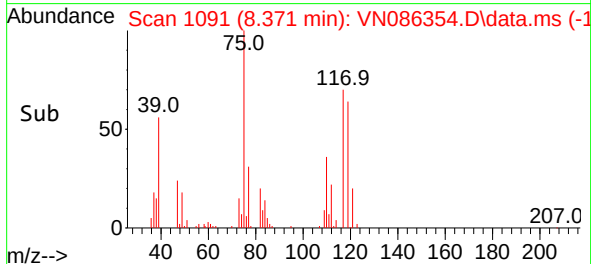
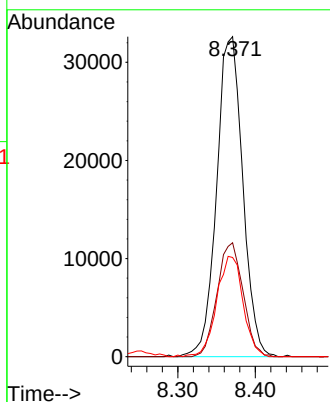
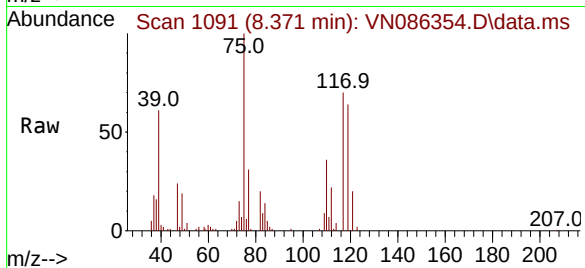




#29
1,1-Dichloropropene
Concen: 20.995 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

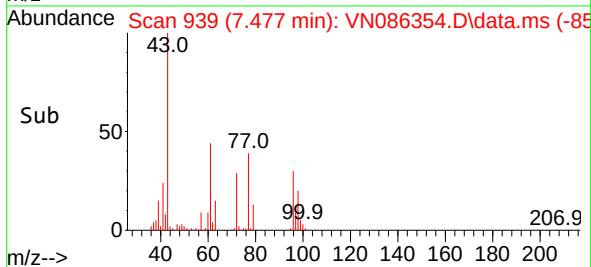
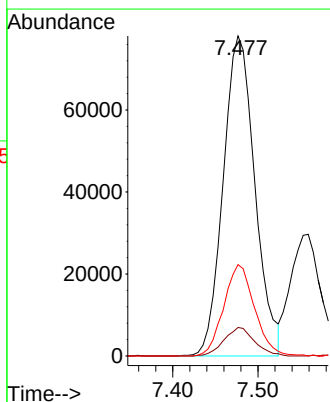
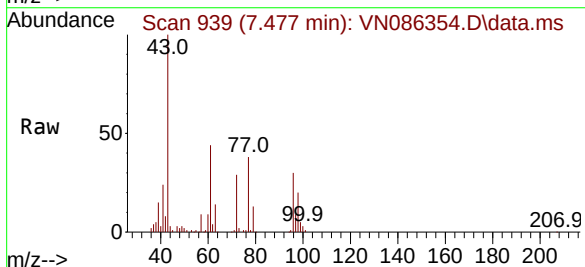
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

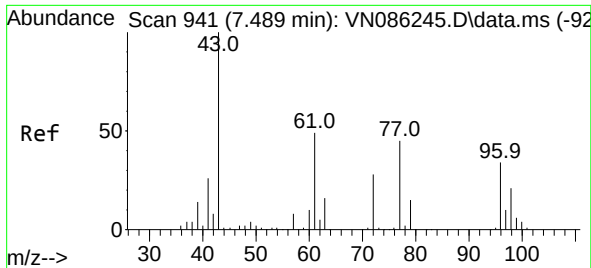
Tgt Ion: 75 Resp: 76481
Ion Ratio Lower Upper
75 100
110 35.4 0.0 68.6
77 31.6 0.0 63.8



#30
2-Butanone
Concen: 100.086 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 43 Resp: 202023
Ion Ratio Lower Upper
43 100
57 8.6 6.4 9.6
72 27.7 21.5 32.3

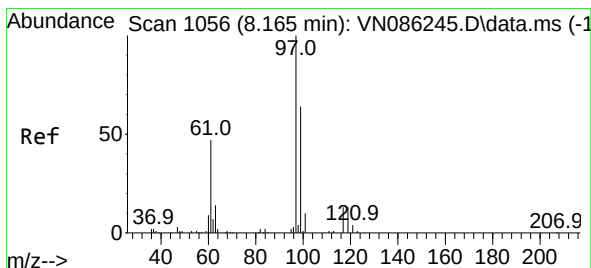
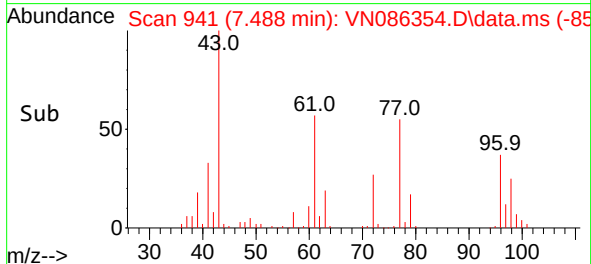
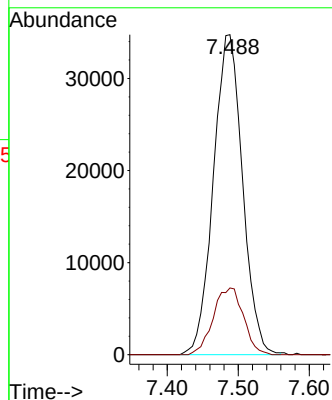
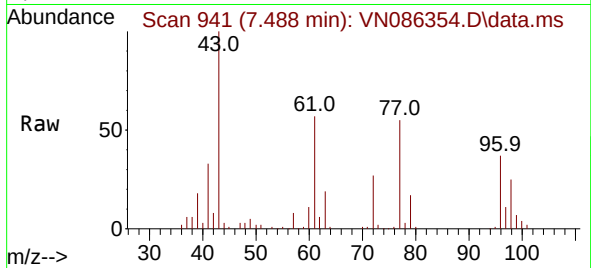




#31
2,2-Dichloropropane
Concen: 22.067 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

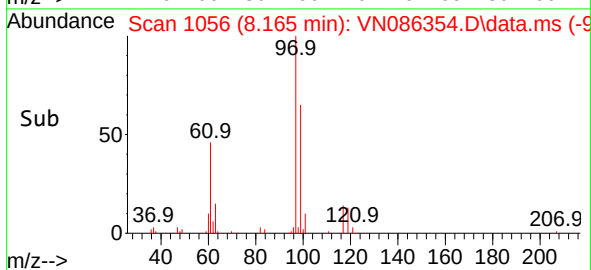
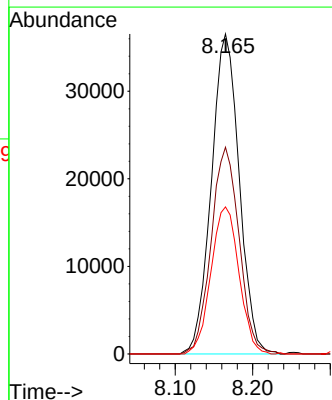
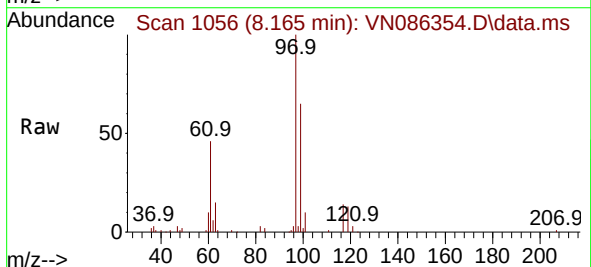
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

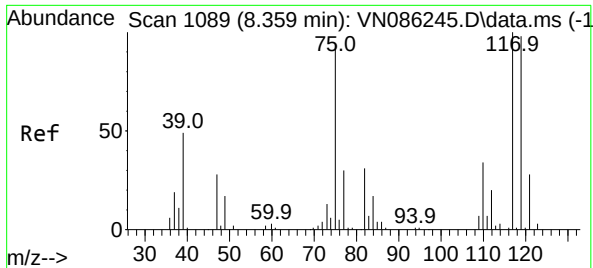
Tgt Ion: 77 Resp: 98946
Ion Ratio Lower Upper
77 100
97 21.6 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 21.791 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 97 Resp: 91310
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 46.3 37.0 55.6

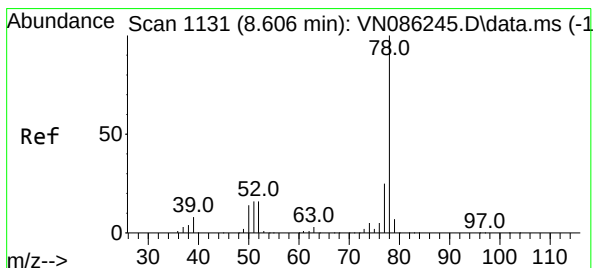
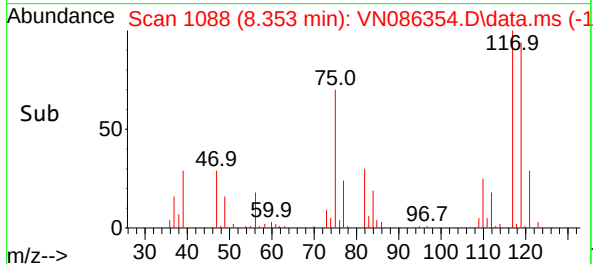
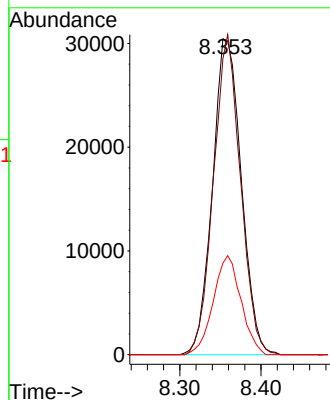
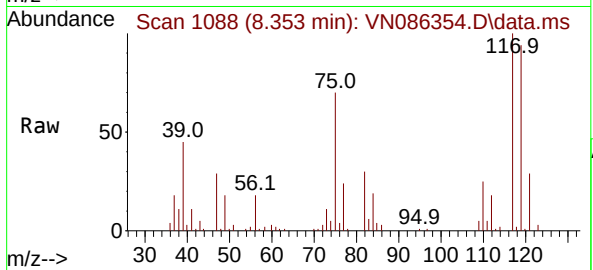




#33
Carbon Tetrachloride
Concen: 22.412 ug/l
RT: 8.353 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

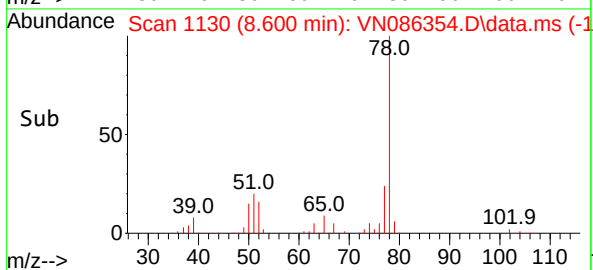
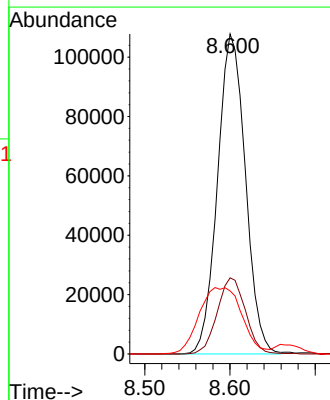
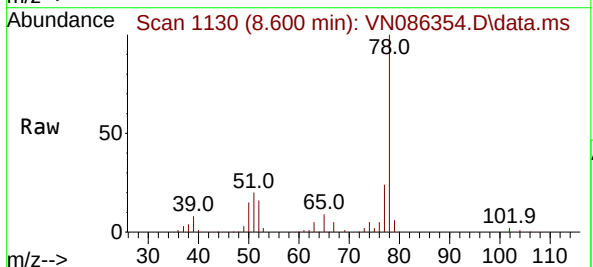
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

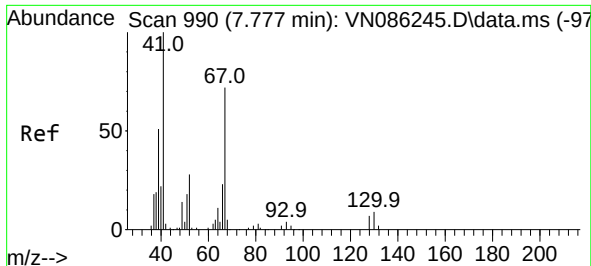
Tgt Ion:117 Resp: 75053
Ion Ratio Lower Upper
117 100
119 93.7 78.3 117.5
121 29.0 22.5 33.7



#34
Benzene
Concen: 21.093 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 78 Resp: 244447
Ion Ratio Lower Upper
78 100
77 23.8 20.0 30.0
51 18.7 12.9 19.3

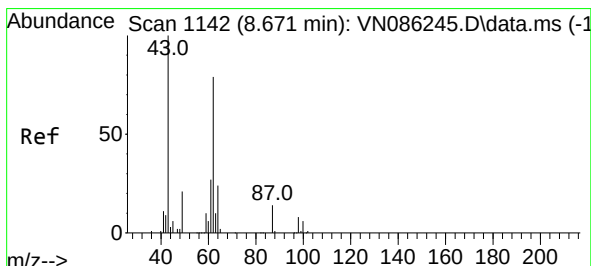
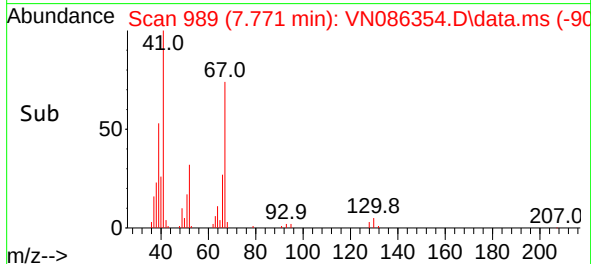
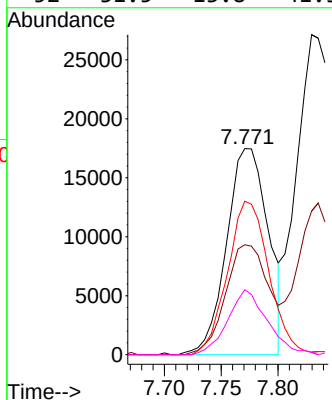
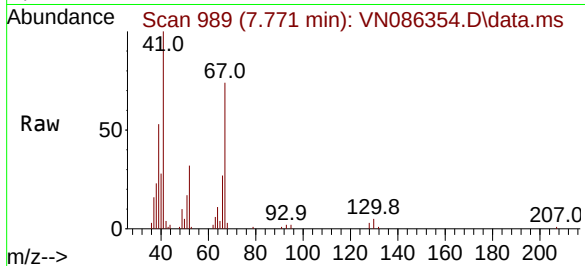




#35
Methacrylonitrile
Concen: 19.622 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

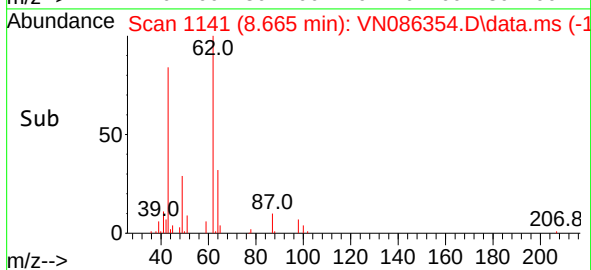
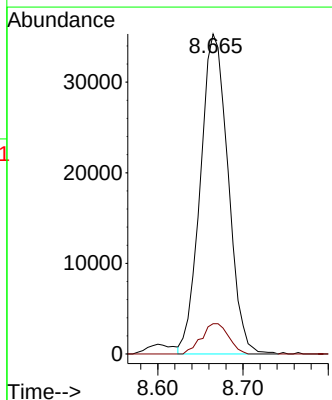
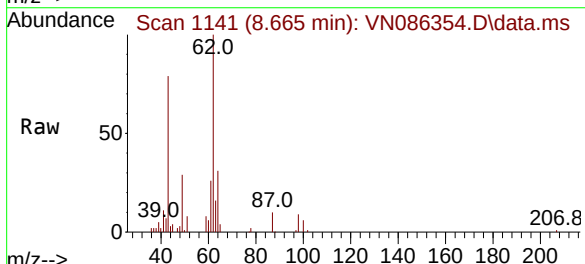
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

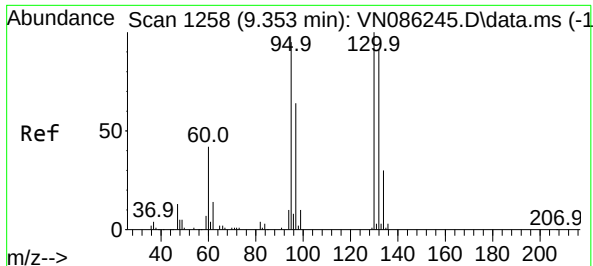
Tgt Ion:	41	Resp:	44651
Ion	Ratio	Lower	Upper
41	100		
39	53.4	25.8	77.3
67	74.5	36.0	108.0
52	31.5	13.8	41.3



#36
1,2-Dichloroethane
Concen: 22.005 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:	62	Resp:	79804
Ion	Ratio	Lower	Upper
62	100		
98	9.3	8.6	12.8





#37

Trichloroethene

Concen: 21.198 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

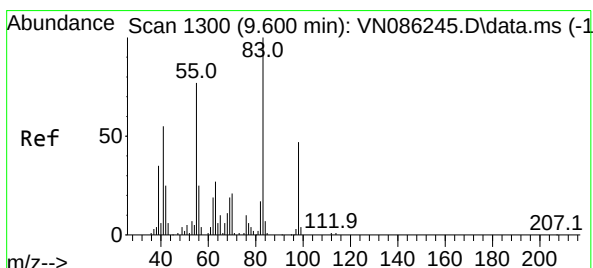
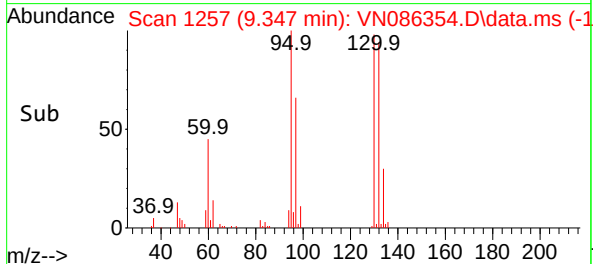
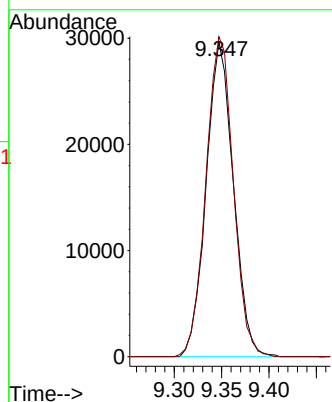
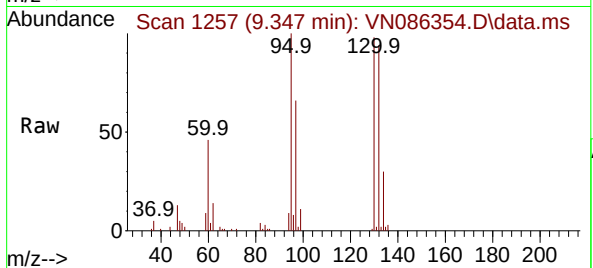
VSTDCCC020

Tgt Ion:130 Resp: 59275

Ion Ratio Lower Upper

130 100

95 101.7 76.4 114.6



#38

Methylcyclohexane

Concen: 20.474 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

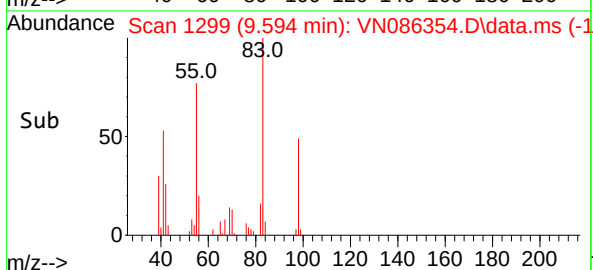
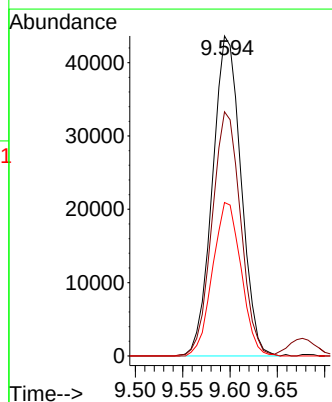
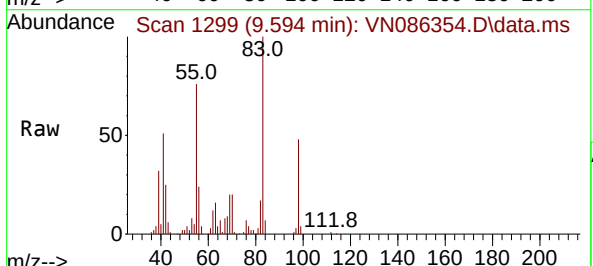
Tgt Ion: 83 Resp: 91470

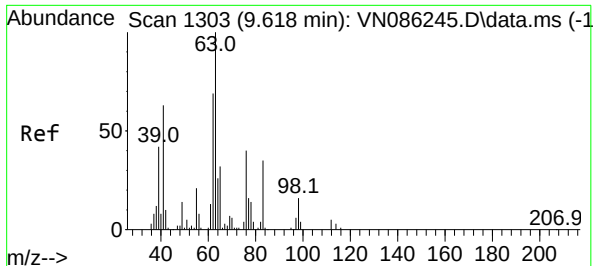
Ion Ratio Lower Upper

83 100

55 76.5 38.5 115.5

98 48.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 20.823 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

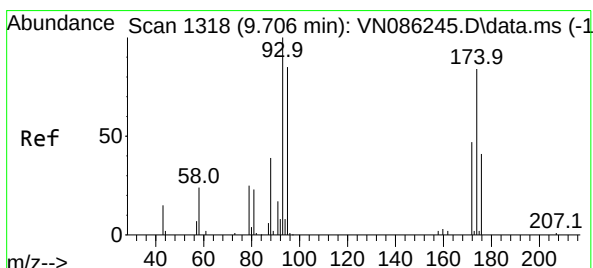
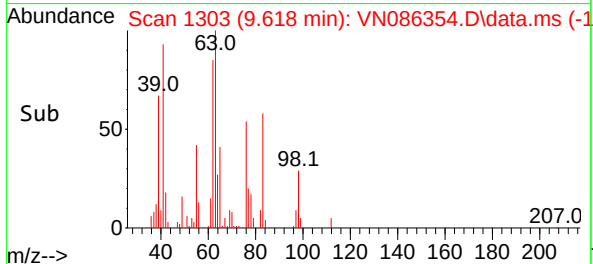
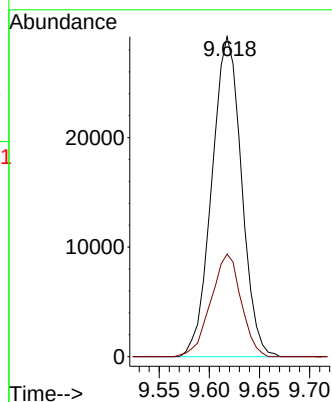
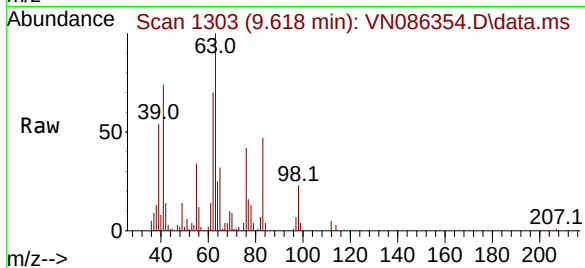
VSTDCCC020

Tgt Ion: 63 Resp: 60048

Ion Ratio Lower Upper

63 100

65 32.1 26.0 39.0



#40

Dibromomethane

Concen: 21.145 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

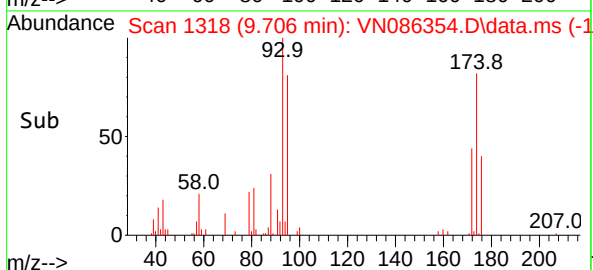
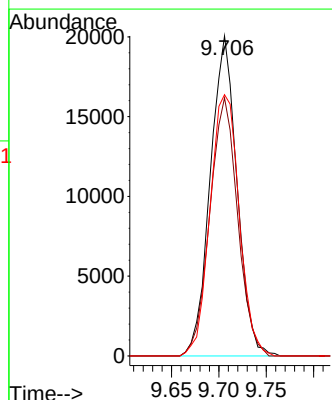
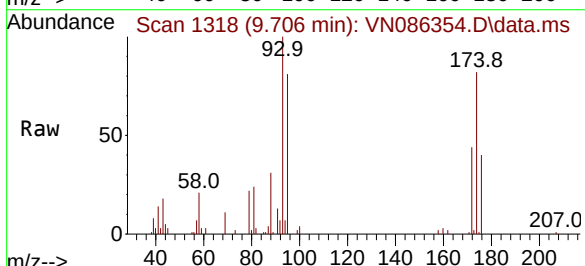
Tgt Ion: 93 Resp: 39383

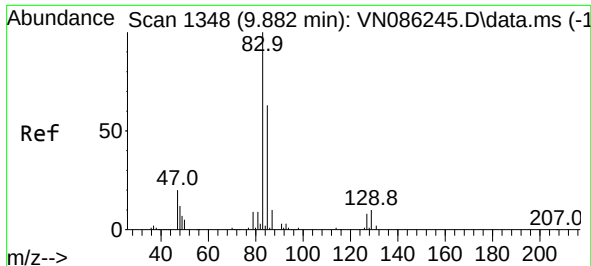
Ion Ratio Lower Upper

93 100

95 83.9 0.0 169.0

174 89.1 0.0 168.0

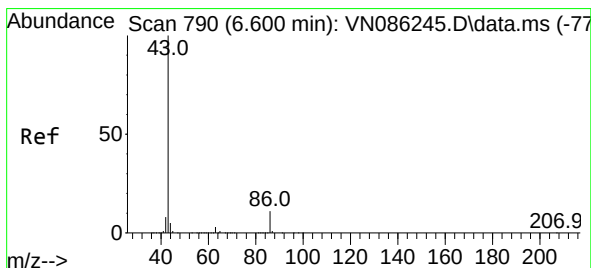
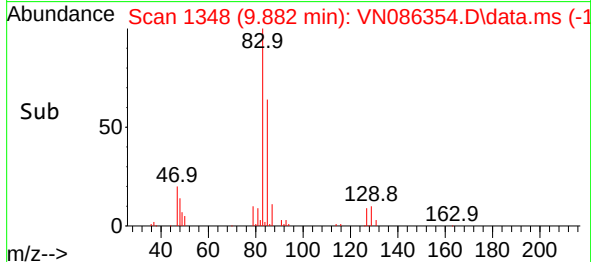
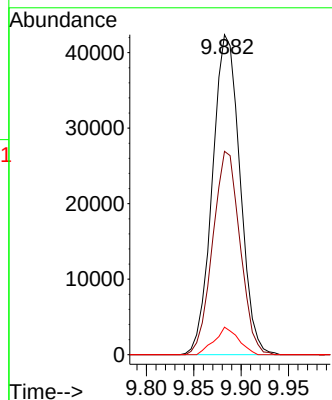
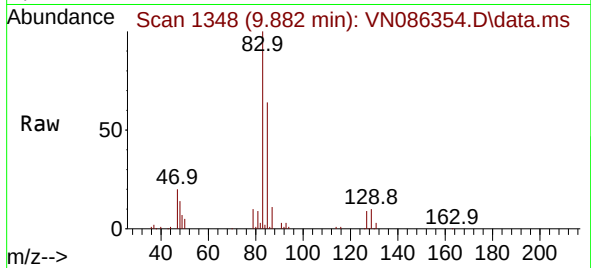




#41
Bromodichloromethane
Concen: 21.473 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

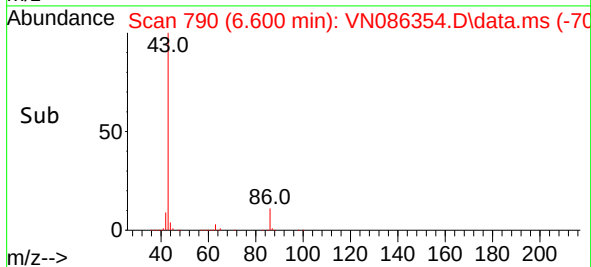
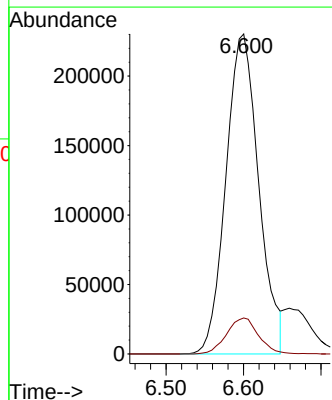
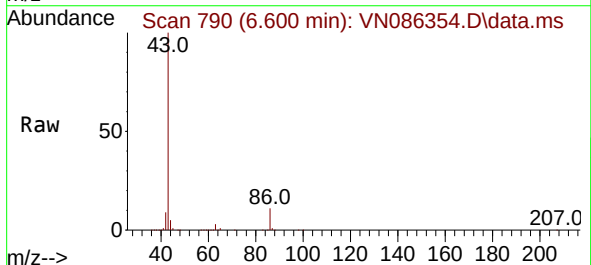
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

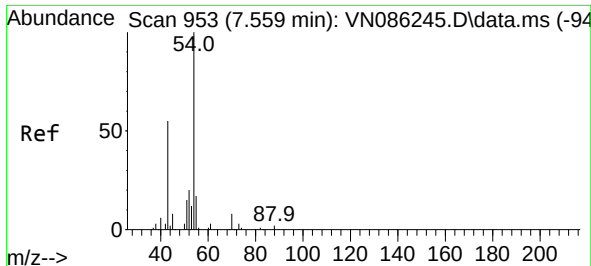
Tgt Ion: 83 Resp: 85916
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.2
127 8.6 6.2 9.4



#42
Vinyl Acetate
Concen: 98.960 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 43 Resp: 679942
Ion Ratio Lower Upper
43 100
86 10.9 8.4 12.6

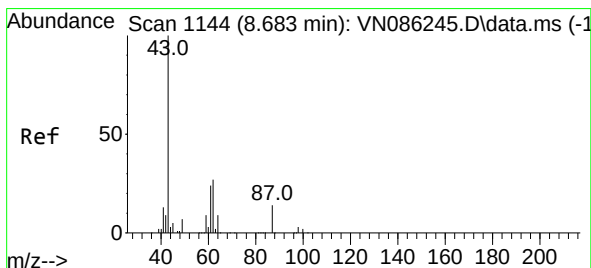
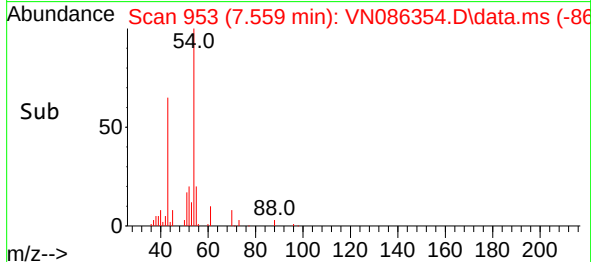
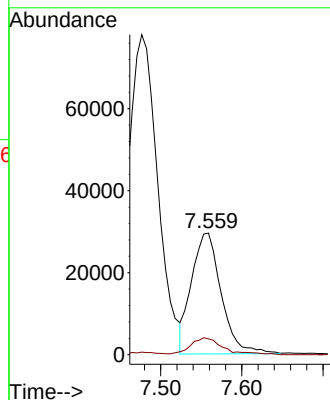
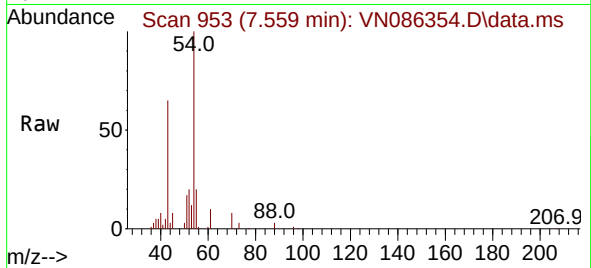




#43
Ethyl Acetate
Concen: 18.387 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

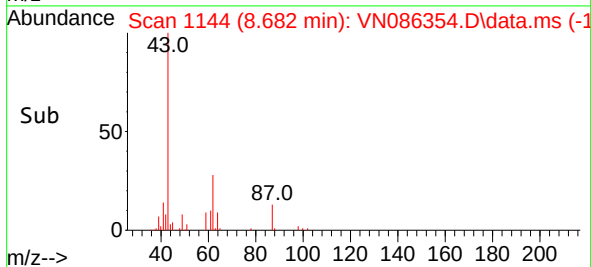
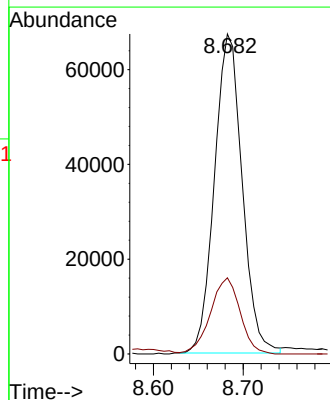
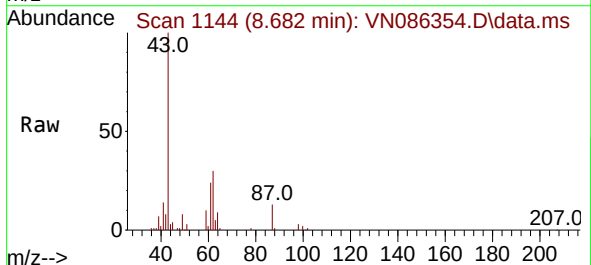
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

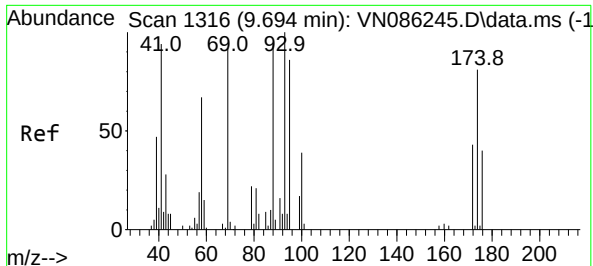
Tgt Ion: 43 Resp: 74860
Ion Ratio Lower Upper
43 100
45 12.8 11.2 16.8



#44
Isopropyl Acetate
Concen: 19.103 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 43 Resp: 144287
Ion Ratio Lower Upper
43 100
61 25.6 20.5 30.7





#45

1,4-Dioxane

Concen: 413.952 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

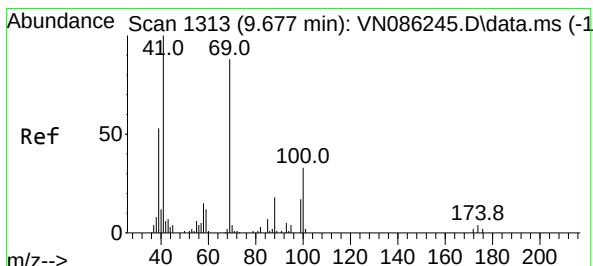
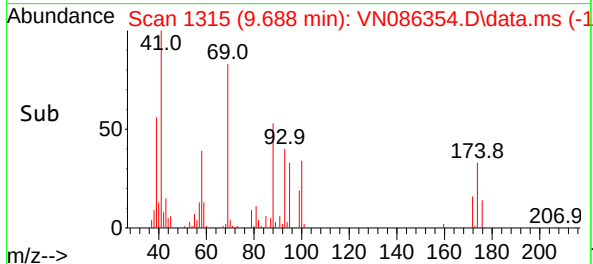
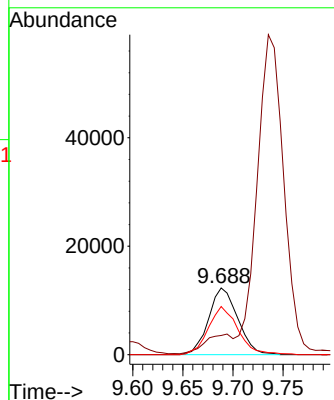
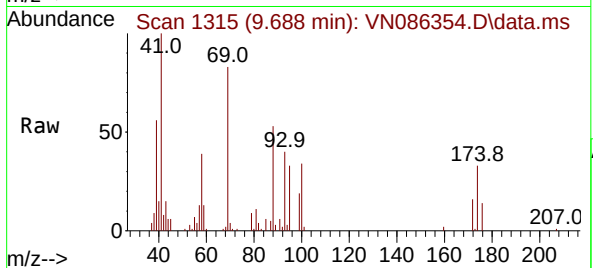
Tgt Ion: 88 Resp: 24862

Ion Ratio Lower Upper

88 100

43 27.6 14.4 21.6#

58 73.6 59.8 89.8



#46

Methyl methacrylate

Concen: 20.077 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

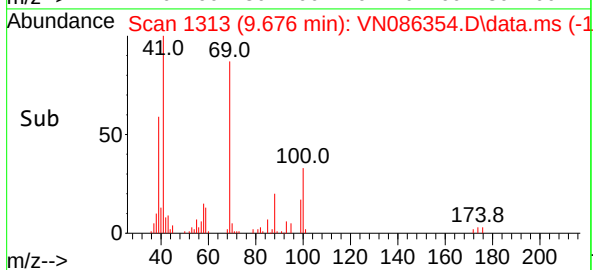
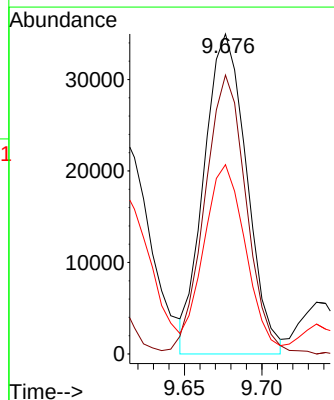
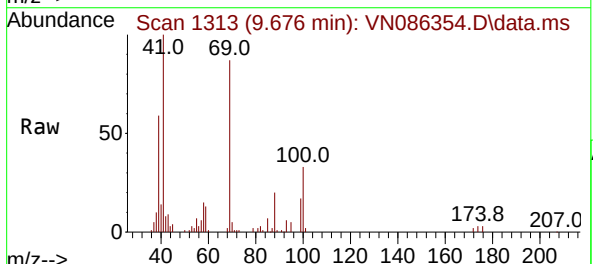
Tgt Ion: 41 Resp: 66816

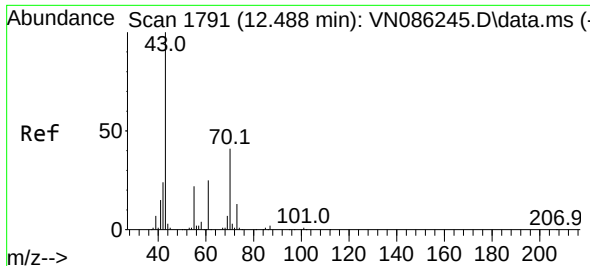
Ion Ratio Lower Upper

41 100

69 88.6 43.2 129.6

39 59.3 26.4 79.0

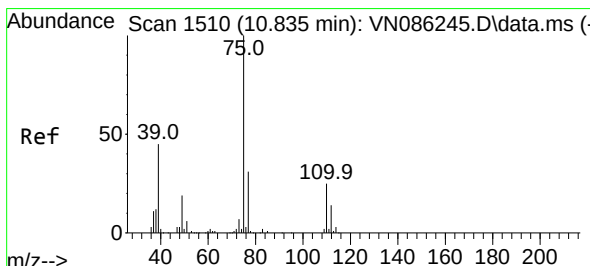
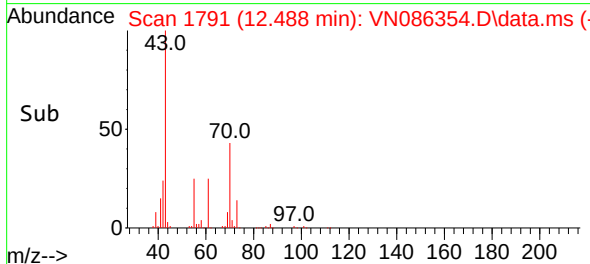
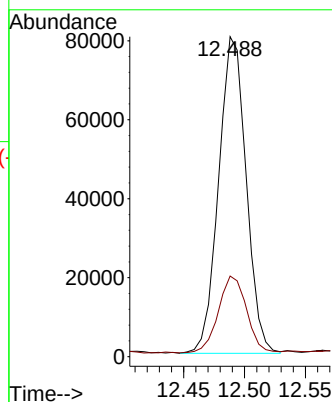
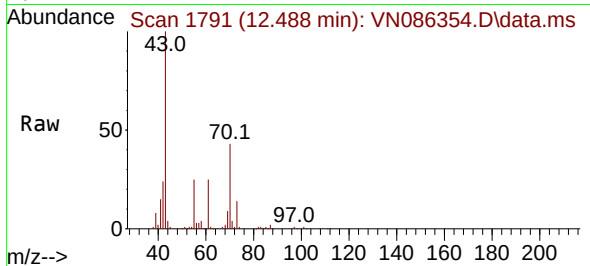




#47
n-amy1 Acetate
Concen: 21.066 ug/l
RT: 12.488 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

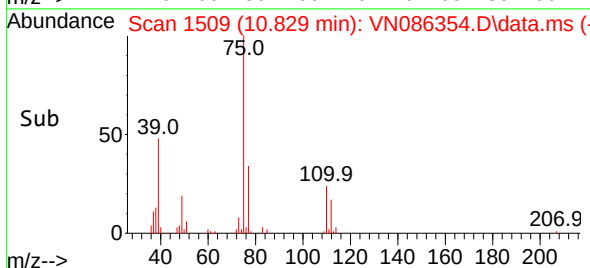
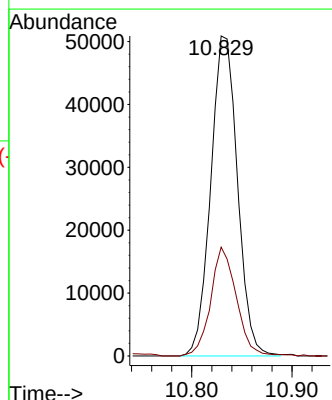
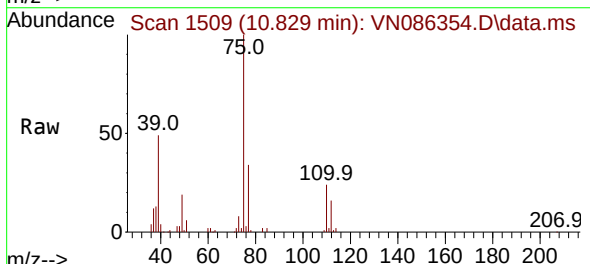
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

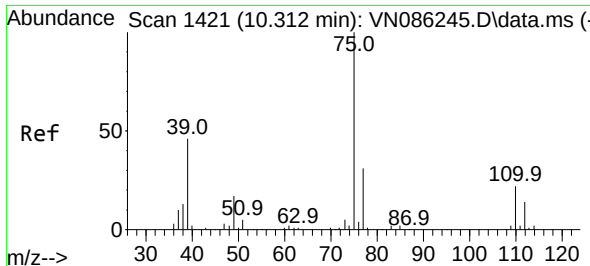
Tgt Ion: 43 Resp: 126153
Ion Ratio Lower Upper
43 100
55 24.9 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 20.813 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 75 Resp: 94147
Ion Ratio Lower Upper
75 100
77 34.0 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 21.118 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

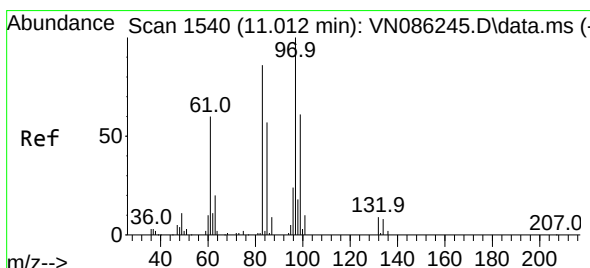
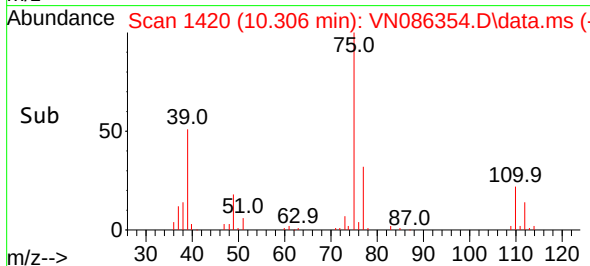
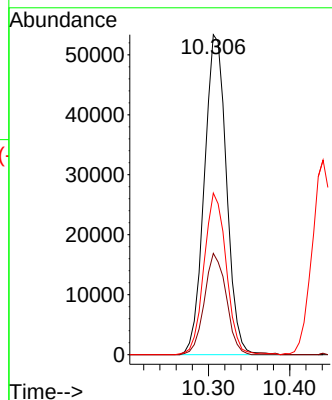
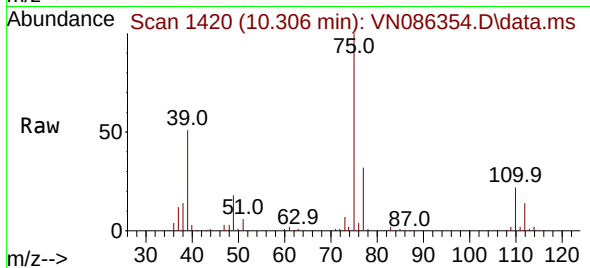
Tgt Ion: 75 Resp: 101104

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 50.5 36.7 55.1



#50

1,1,2-Trichloroethane

Concen: 21.012 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Tgt Ion: 97 Resp: 54889

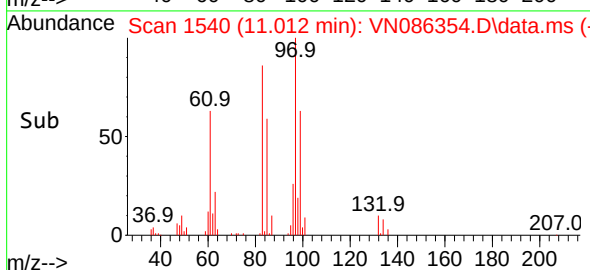
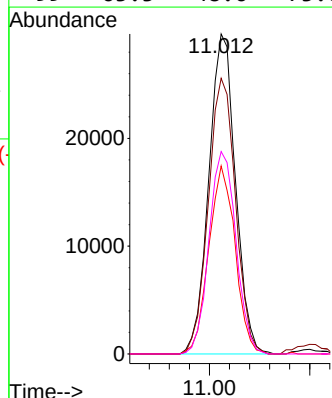
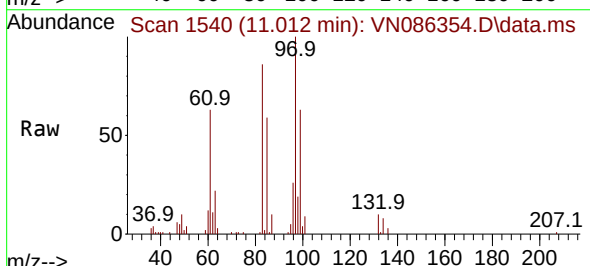
Ion Ratio Lower Upper

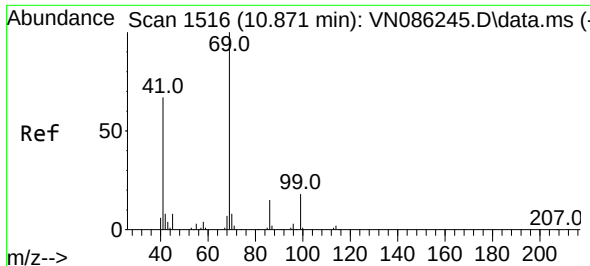
97 100

83 86.1 68.6 103.0

85 58.8 45.9 68.9

99 63.3 48.6 73.0

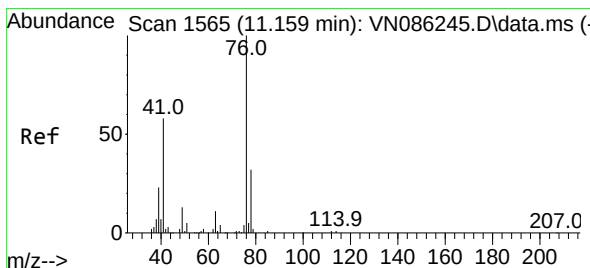
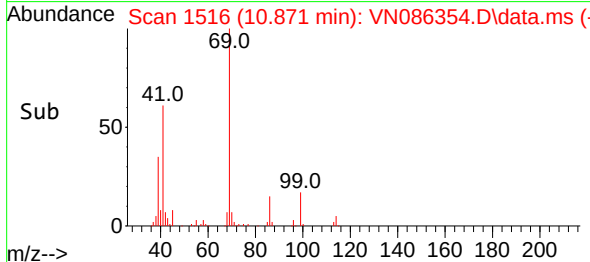
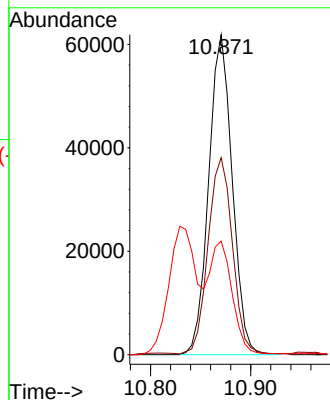
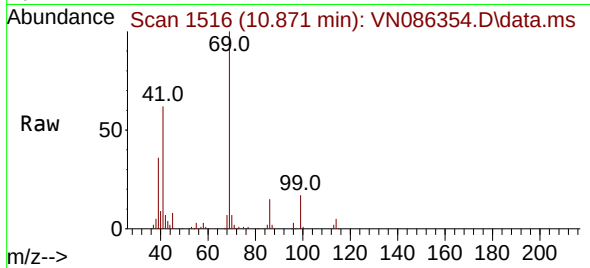




#51
Ethyl methacrylate
Concen: 20.813 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

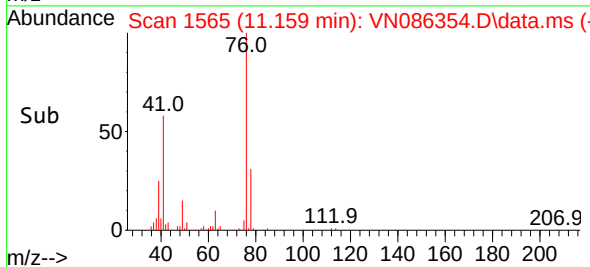
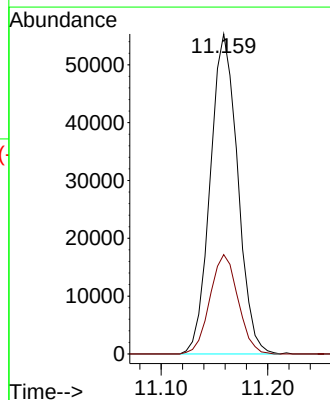
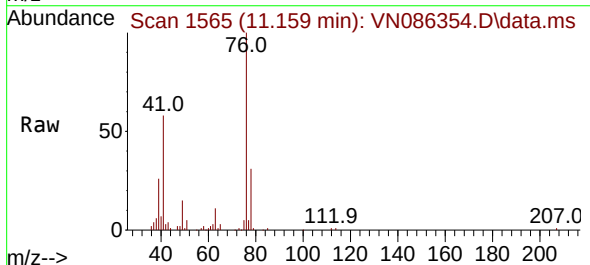
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

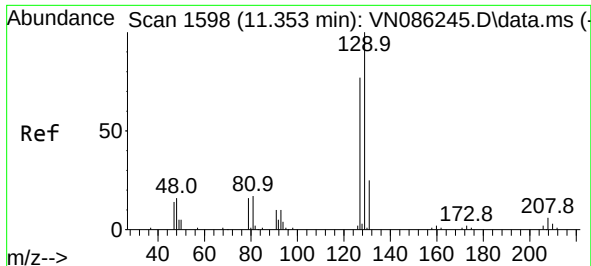
Tgt Ion: 69 Resp: 101035
Ion Ratio Lower Upper
69 100
41 61.3 33.6 100.6
39 35.2 17.8 53.4



#52
1,3-Dichloropropane
Concen: 21.263 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 76 Resp: 98998
Ion Ratio Lower Upper
76 100
78 31.8 0.0 64.6

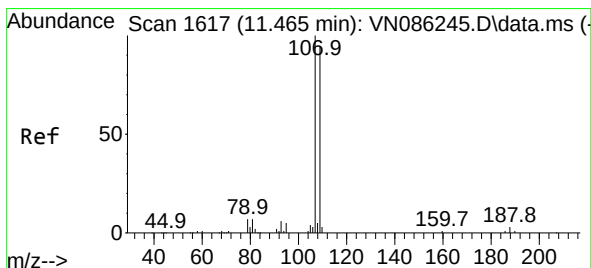
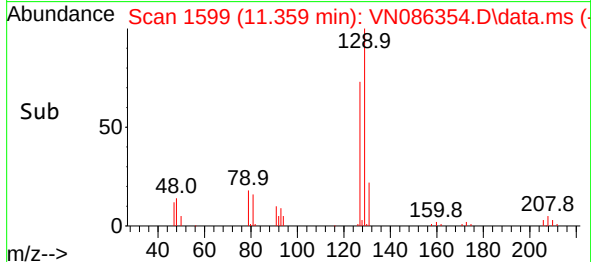
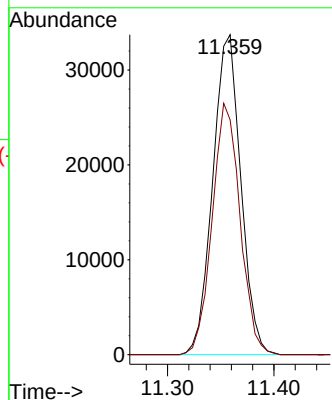
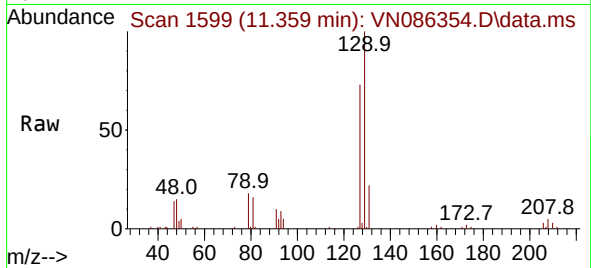




#53
Dibromochloromethane
Concen: 21.617 ug/l
RT: 11.359 min Scan# 1598
Delta R.T. 0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

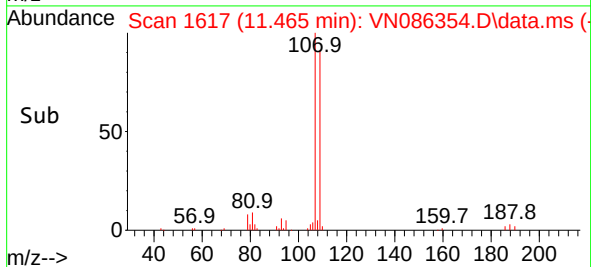
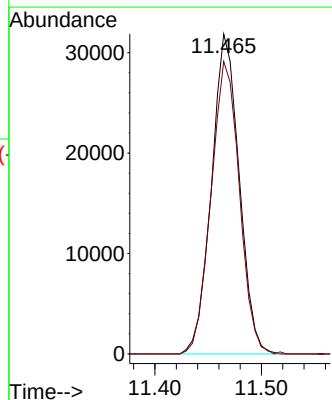
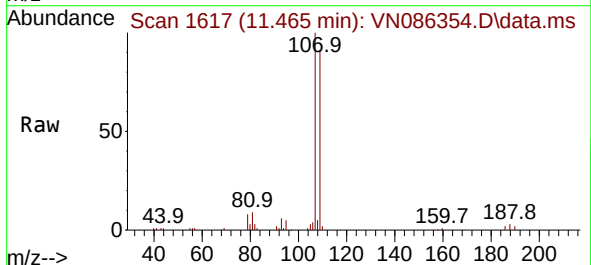
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

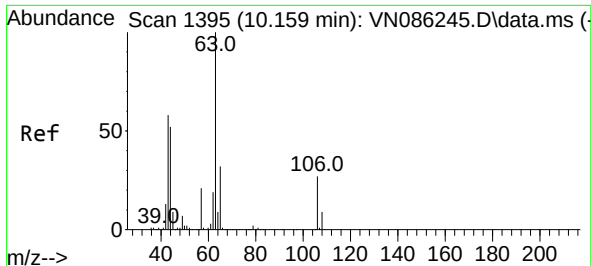
Tgt Ion:129 Resp: 61767
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5



#54
1,2-Dibromoethane
Concen: 21.774 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:107 Resp: 57416
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

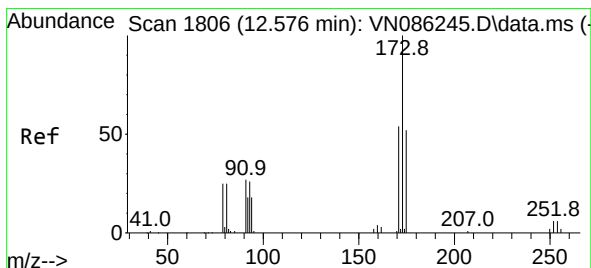
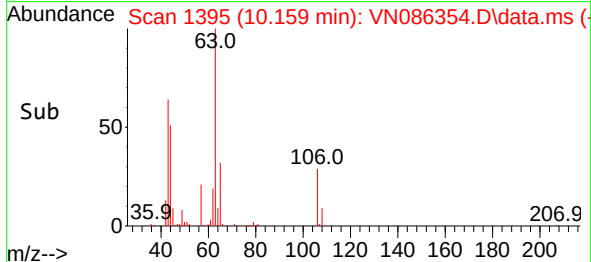
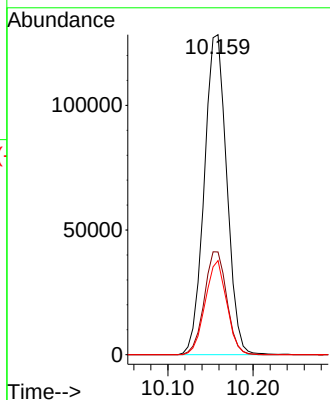
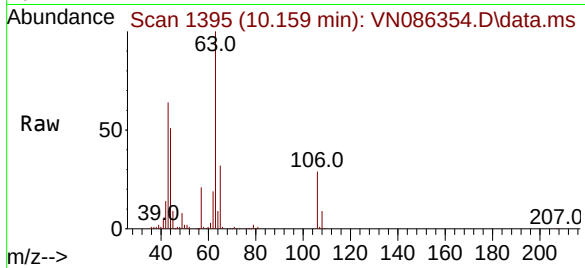




#55
2-Chloroethyl vinyl ether
Concen: 128.296 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

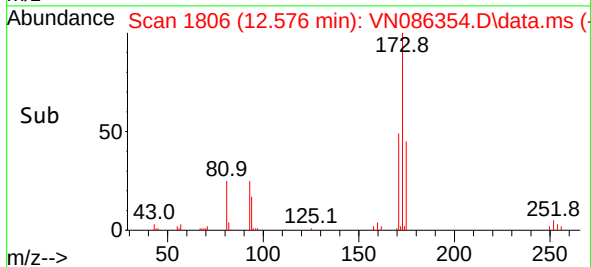
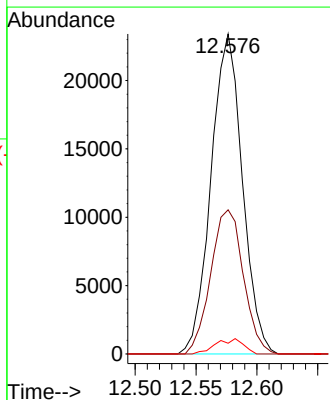
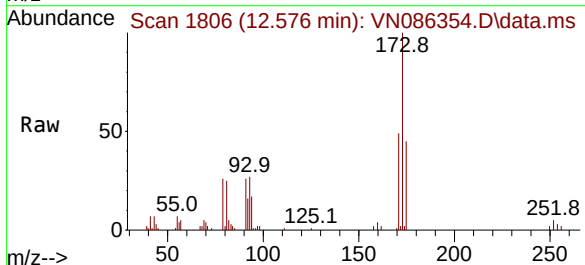
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

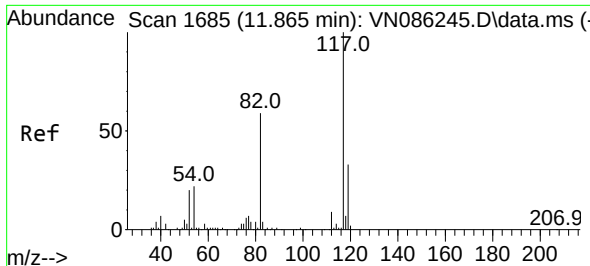
Tgt Ion: 63 Resp: 235338
Ion Ratio Lower Upper
63 100
65 32.1 25.8 38.8
106 28.1 21.8 32.8



#56
Bromoform
Concen: 22.430 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 173 Resp: 41931
Ion Ratio Lower Upper
173 100
175 46.9 38.2 57.4
254 4.2 4.5 6.7#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

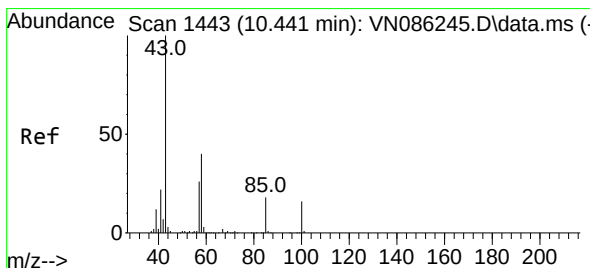
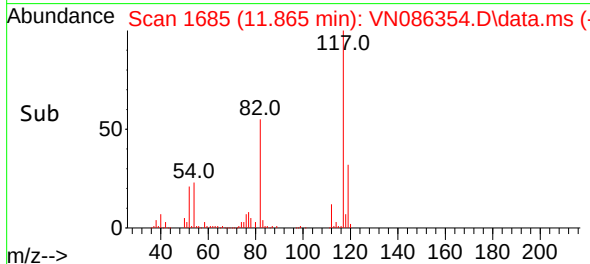
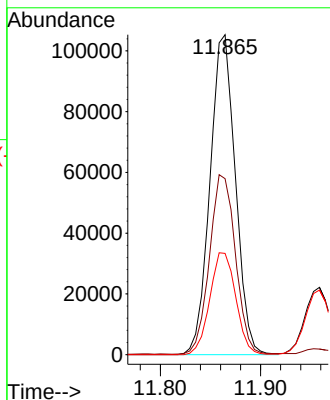
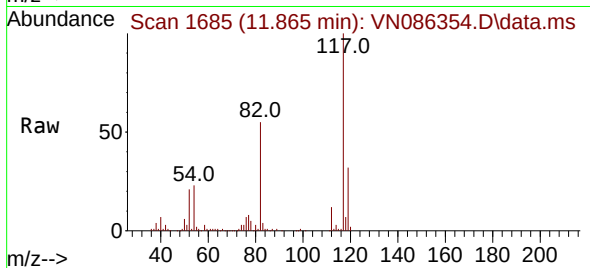
Tgt Ion:117 Resp: 185620

Ion Ratio Lower Upper

117 100

82 57.2 47.3 70.9

119 32.6 25.9 38.9



#58

4-Methyl-2-Pentanone

Concen: 96.608 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

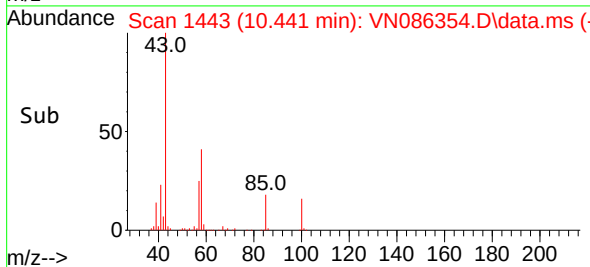
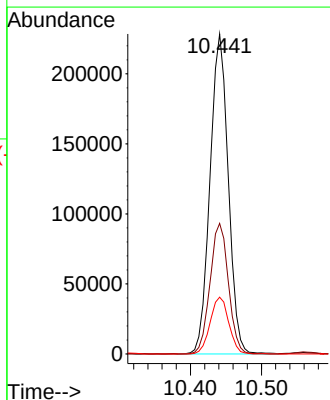
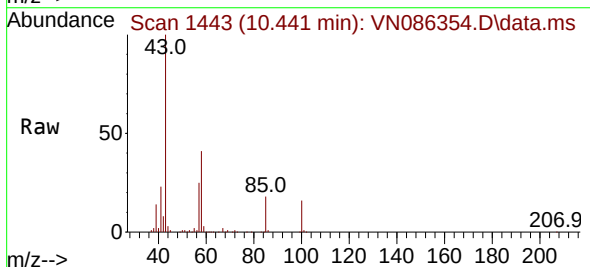
Tgt Ion: 43 Resp: 406943

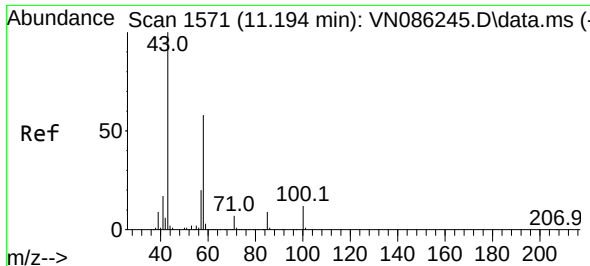
Ion Ratio Lower Upper

43 100

58 41.1 32.5 48.7

85 18.1 14.4 21.6

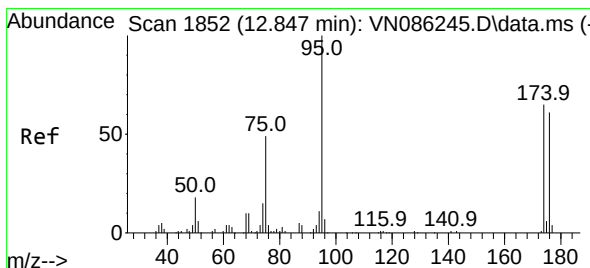
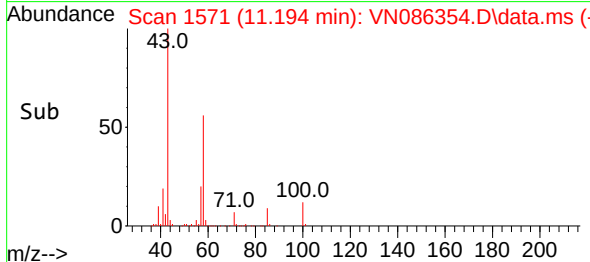
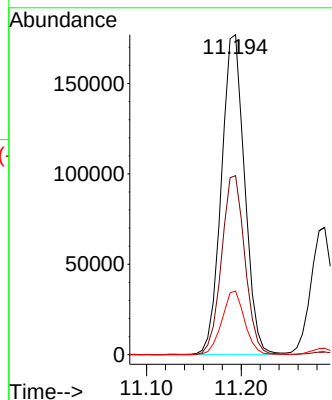
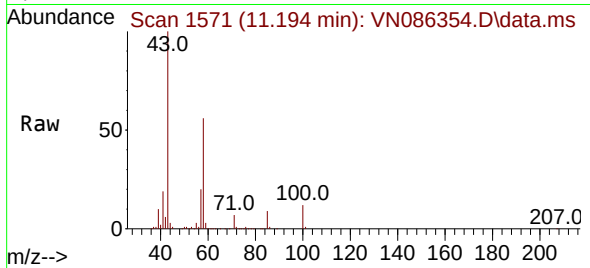




#59
2-Hexanone
Concen: 95.959 ug/l
RT: 11.194 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

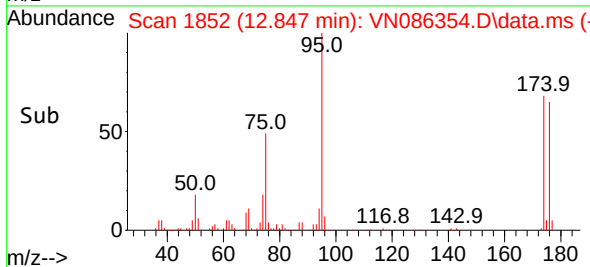
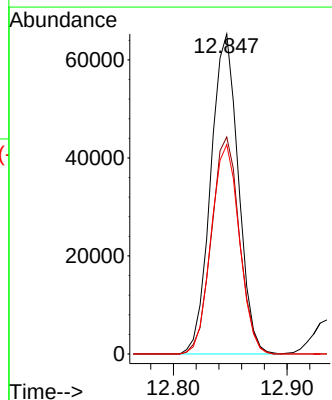
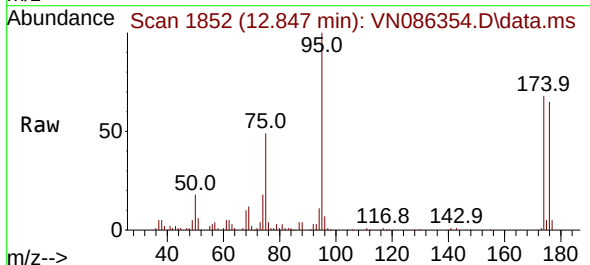
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

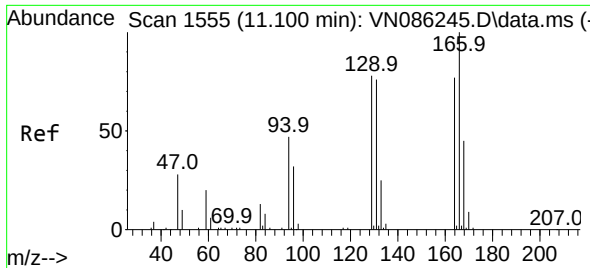
Tgt Ion: 43 Resp: 300985
Ion Ratio Lower Upper
43 100
58 56.2 45.3 67.9
57 19.6 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 95 Resp: 109968
Ion Ratio Lower Upper
95 100
174 68.8 52.7 79.1
176 66.9 49.8 74.8

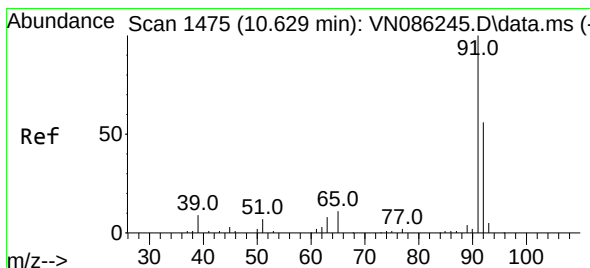
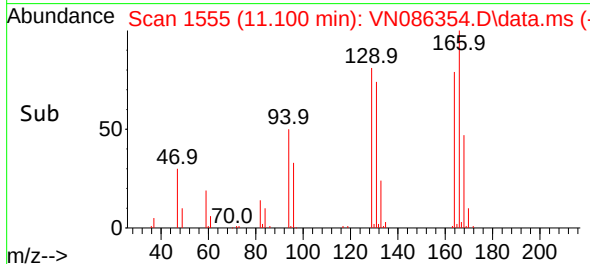
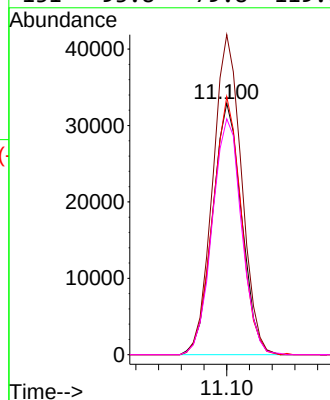
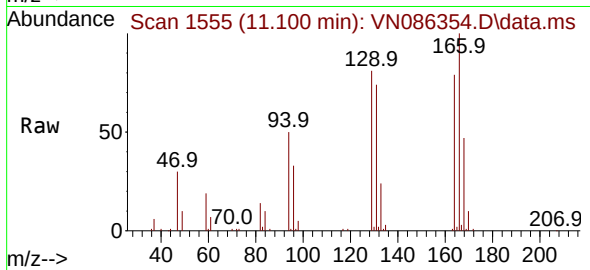




#61
Tetrachloroethene
Concen: 21.343 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

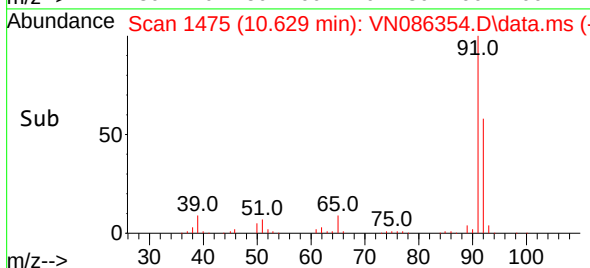
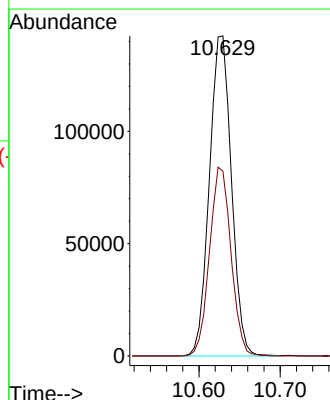
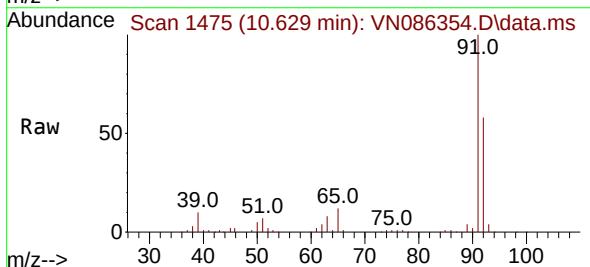
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

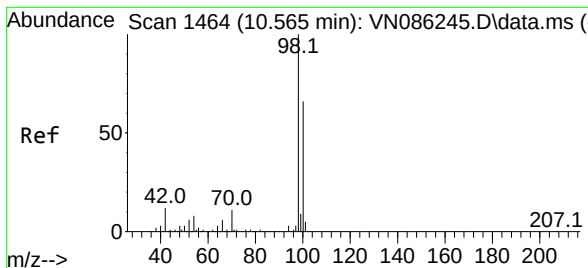
Tgt Ion:164 Resp: 58504
Ion Ratio Lower Upper
164 100
166 127.3 104.5 156.7
129 102.7 81.7 122.5
131 93.8 79.8 119.6



#62
Toluene
Concen: 21.606 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 91 Resp: 268994
Ion Ratio Lower Upper
91 100
92 57.4 46.8 70.2

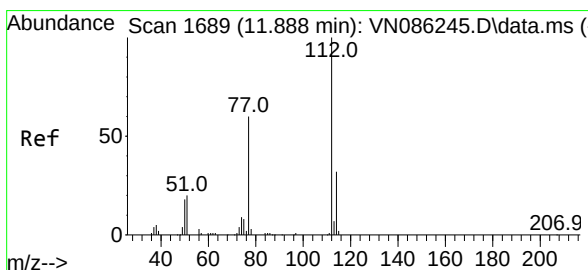
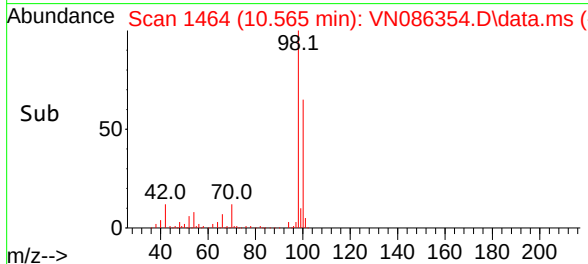
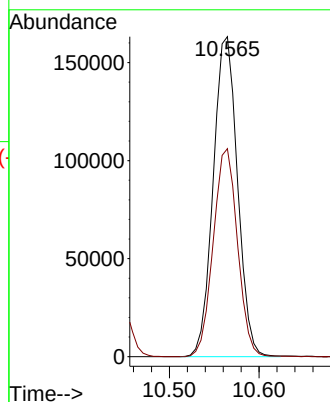
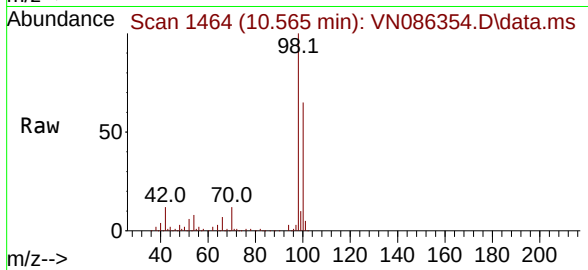




#63
Toluene-d8
Concen: 29.332 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

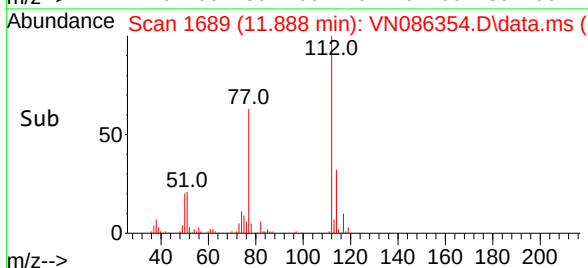
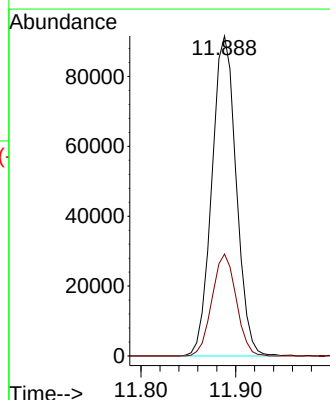
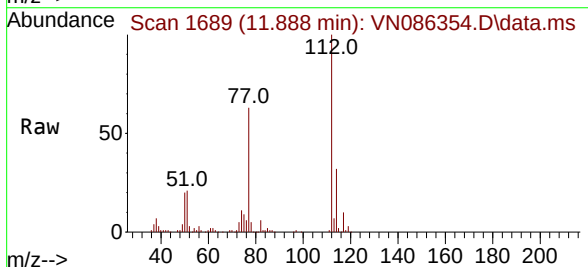
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

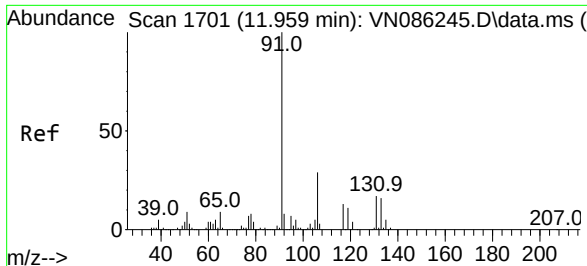
Tgt Ion: 98 Resp: 307379
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#64
Chlorobenzene
Concen: 21.516 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 112 Resp: 163663
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6

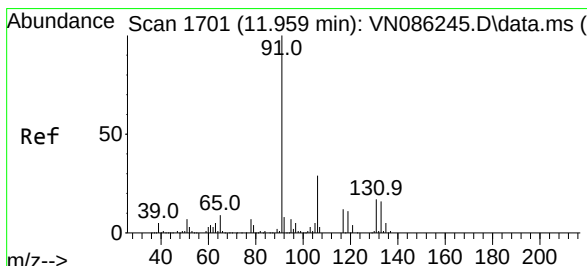
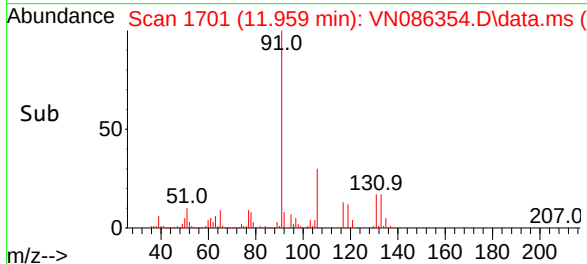
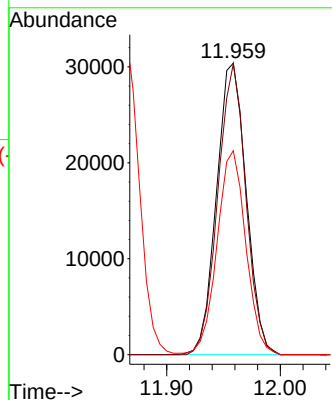
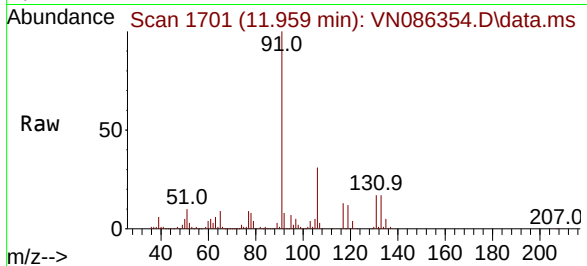




#65
1,1,1,2-Tetrachloroethane
Concen: 21.989 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

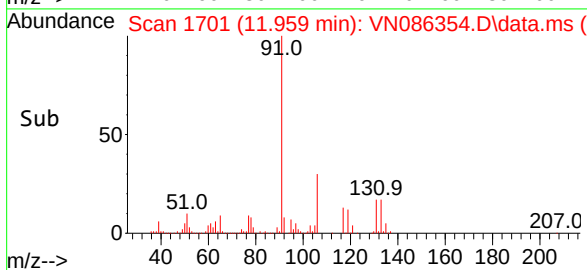
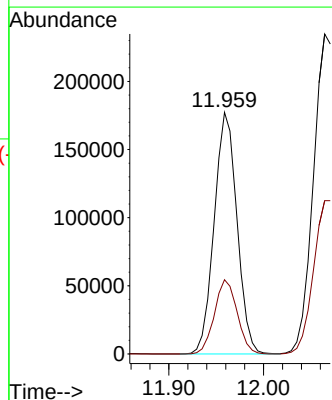
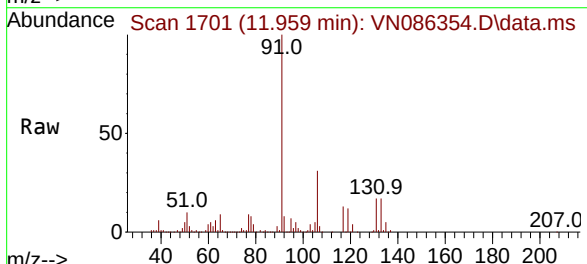
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

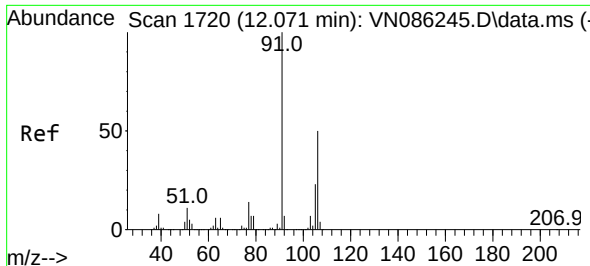
Tgt Ion:131 Resp: 55198
Ion Ratio Lower Upper
131 100
133 94.3 0.0 190.4
119 67.7 0.0 135.6



#66
Ethyl Benzene
Concen: 21.490 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 91 Resp: 296713
Ion Ratio Lower Upper
91 100
106 30.7 23.4 35.0

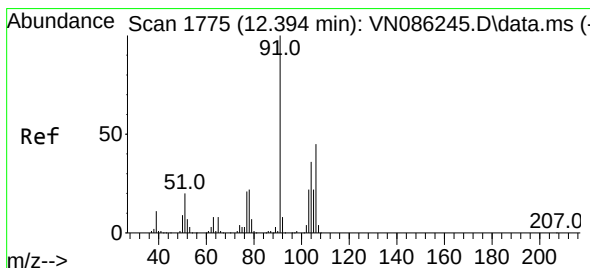
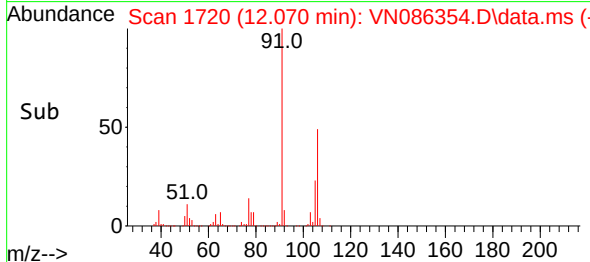
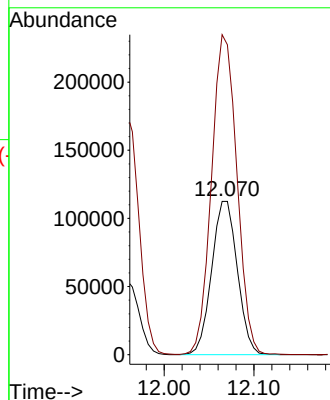
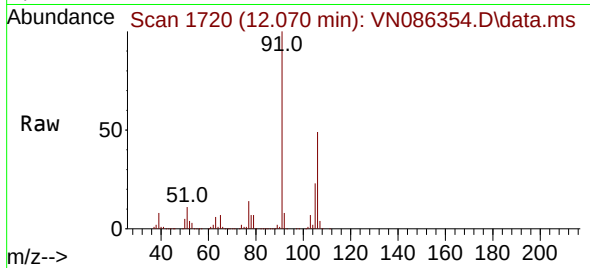




#67
m/p-Xylenes
Concen: 43.520 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

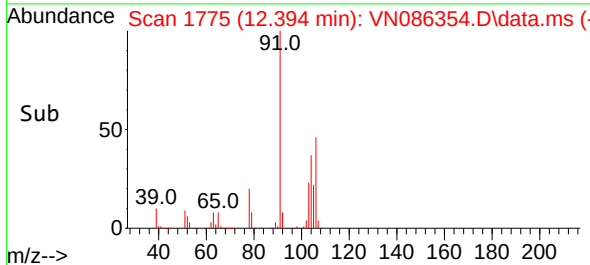
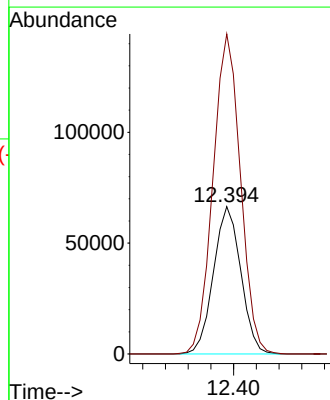
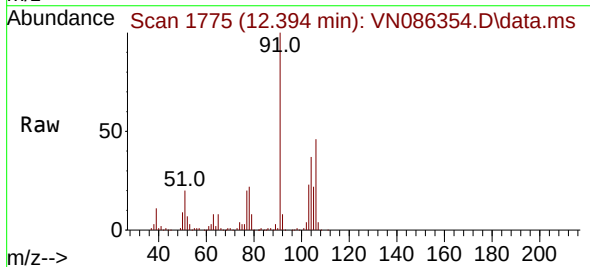
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

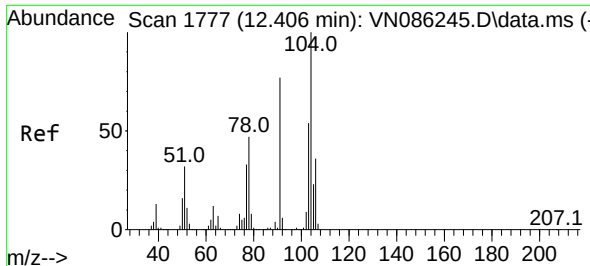
Tgt Ion:106 Resp: 223434
Ion Ratio Lower Upper
106 100
91 206.8 164.5 246.7



#68
o-Xylene
Concen: 22.014 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:106 Resp: 111170
Ion Ratio Lower Upper
106 100
91 217.9 109.8 329.4

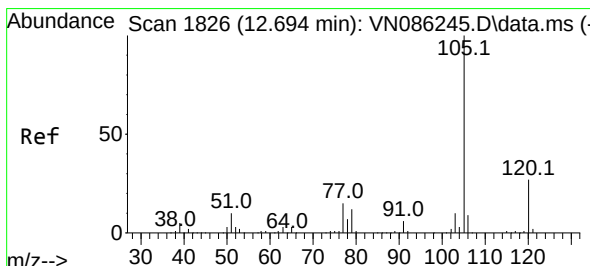
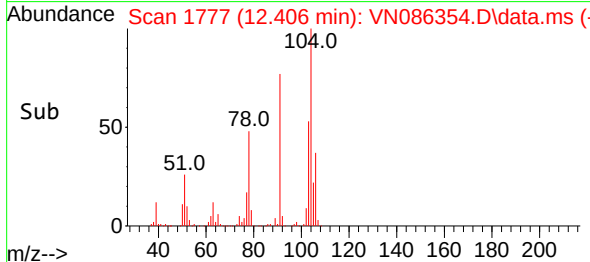
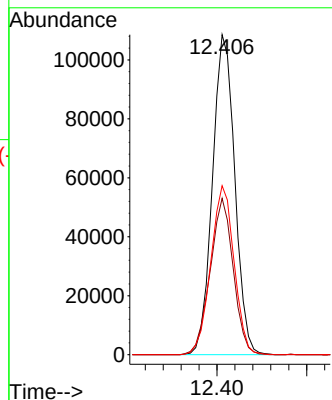
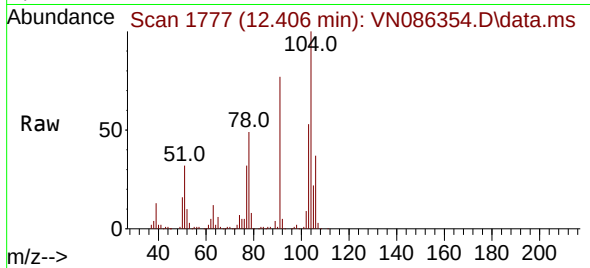




#69
Styrene
Concen: 21.989 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

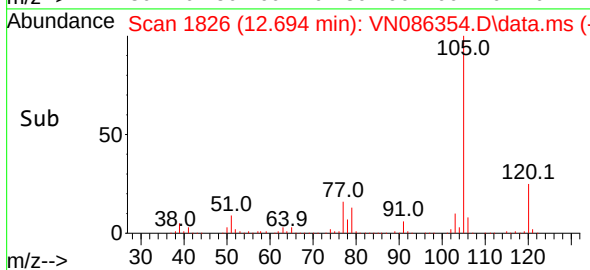
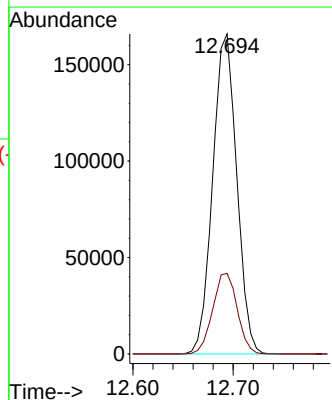
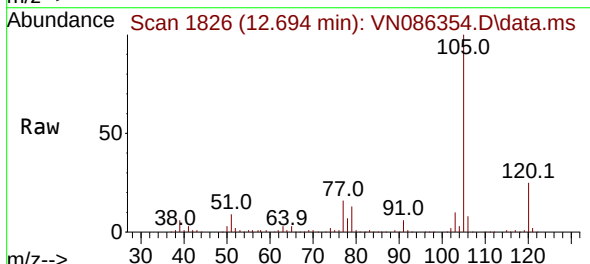
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

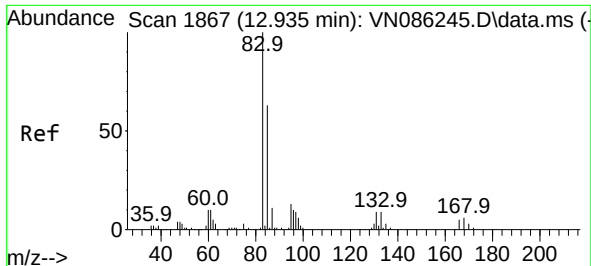
Tgt Ion:104 Resp: 187270
Ion Ratio Lower Upper
104 100
78 50.6 41.4 62.0
103 55.1 44.2 66.4



#70
Isopropylbenzene
Concen: 22.185 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:105 Resp: 276227
Ion Ratio Lower Upper
105 100
120 25.7 18.3 34.1

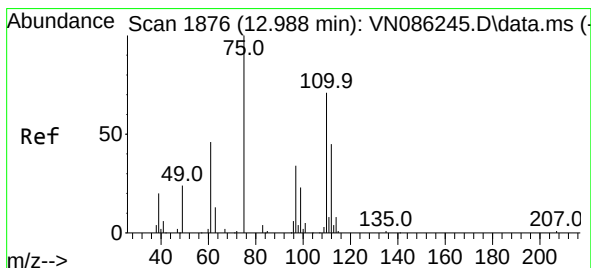
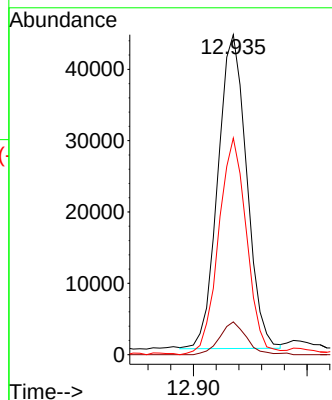
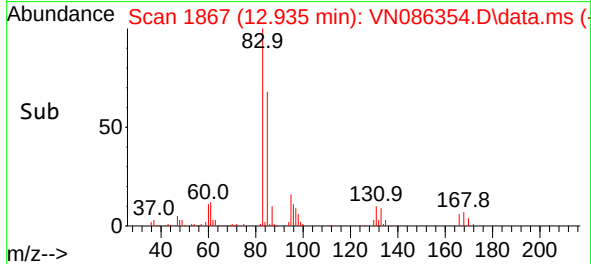
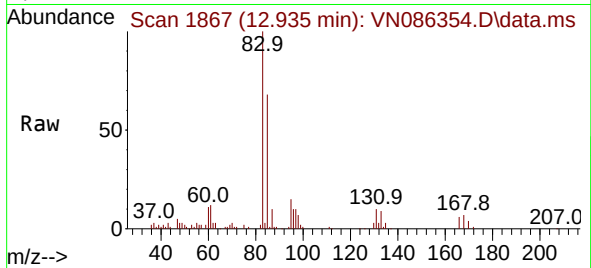




#71
1,1,2,2-Tetrachloroethane
Concen: 21.861 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

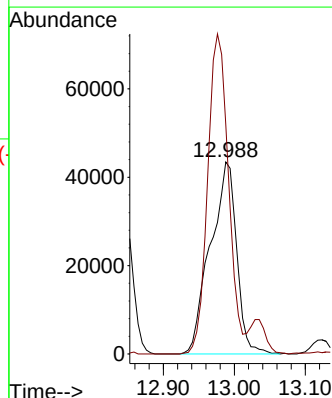
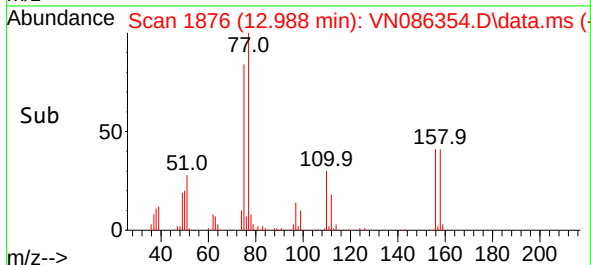
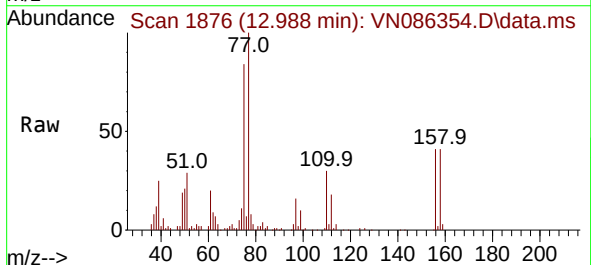
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

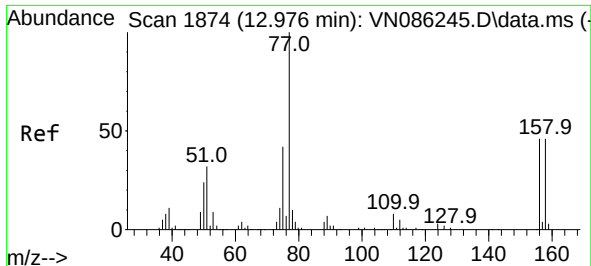
Tgt Ion: 83 Resp: 77478
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 67.4 32.3 96.8



#72
1,2,3-Trichloropropane
Concen: 30.211 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 75 Resp: 111452
Ion Ratio Lower Upper
75 100
77 131.6 0.0 380.0

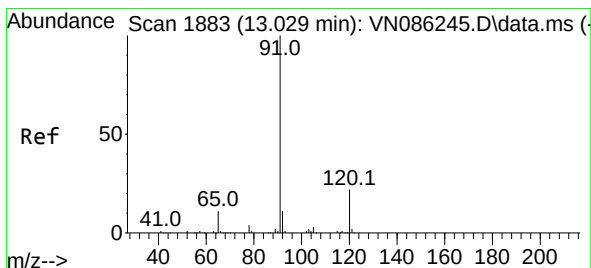
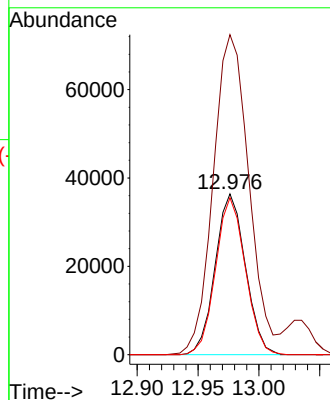
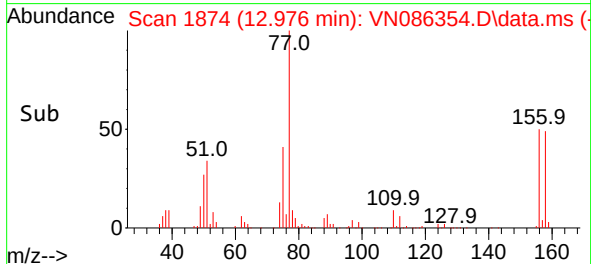
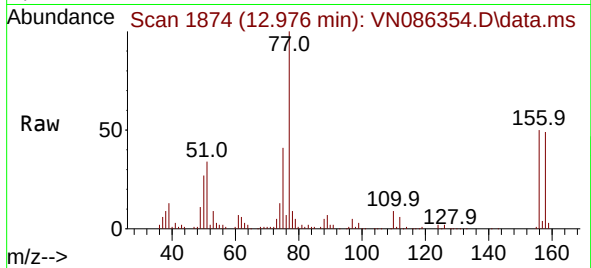




#73
Bromobenzene
Concen: 22.787 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

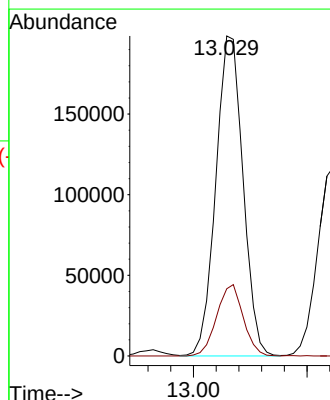
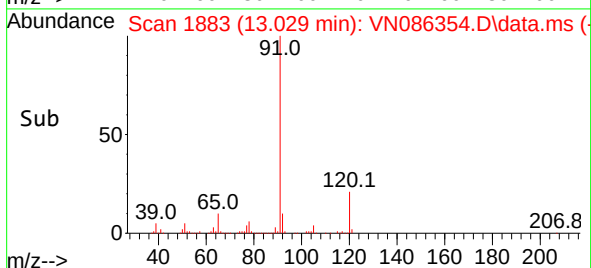
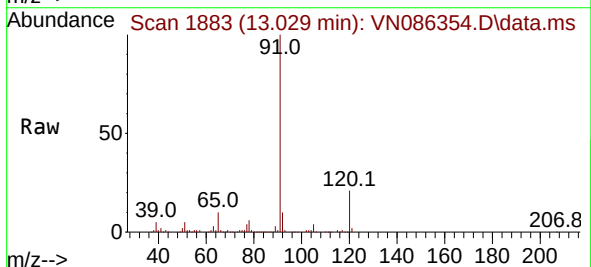
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

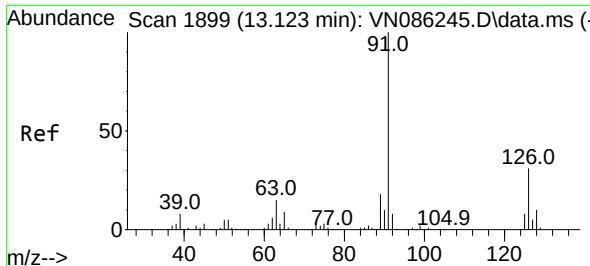
Tgt Ion:156 Resp: 62854
Ion Ratio Lower Upper
156 100
77 233.4 0.0 505.2
158 95.8 0.0 195.0



#74
n-propylbenzene
Concen: 22.431 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 91 Resp: 329787
Ion Ratio Lower Upper
91 100
120 21.7 0.0 44.0

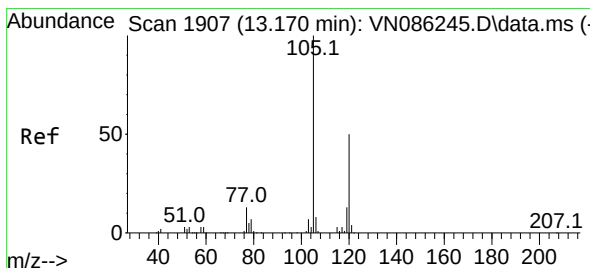
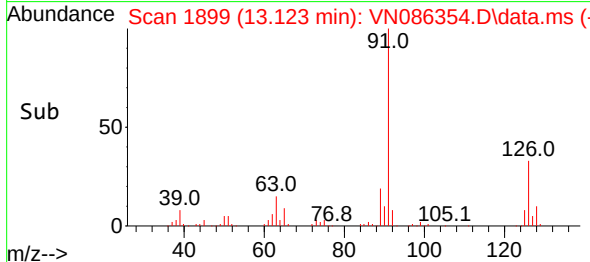
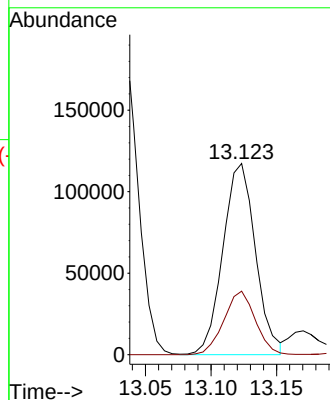
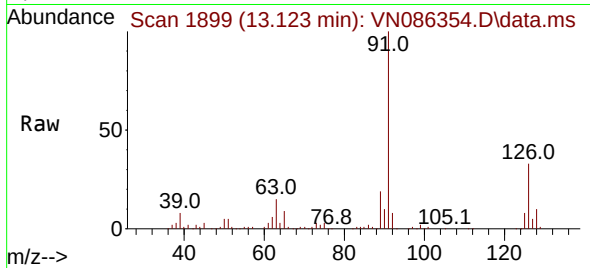




#75
2-Chlorotoluene
Concen: 21.951 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

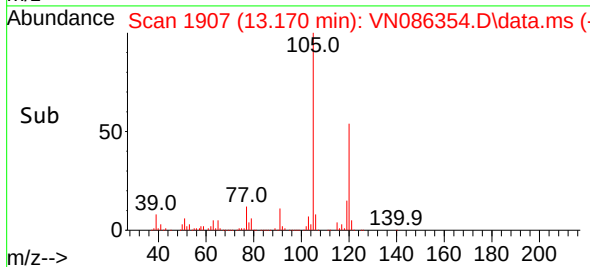
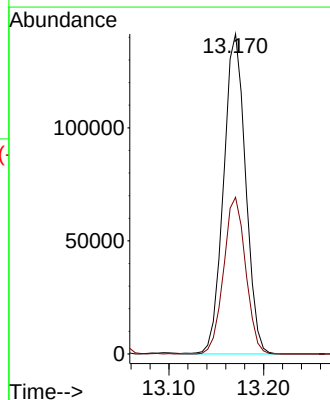
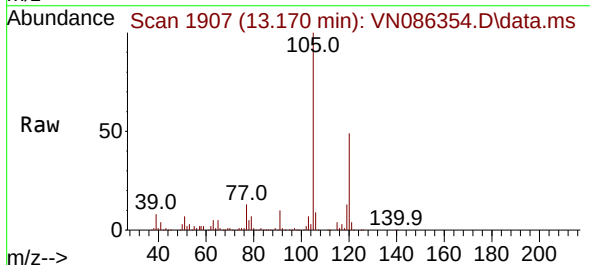
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

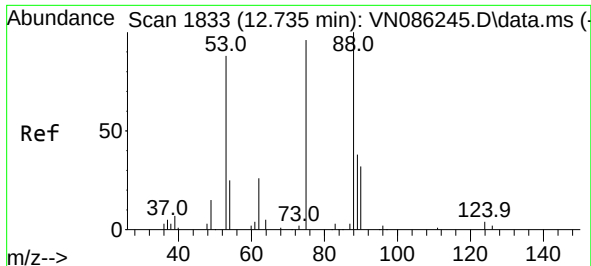
Tgt Ion: 91 Resp: 202859
Ion Ratio Lower Upper
91 100
126 32.2 0.0 63.4



#76
1,3,5-Trimethylbenzene
Concen: 22.327 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 105 Resp: 228362
Ion Ratio Lower Upper
105 100
120 48.9 0.0 98.0

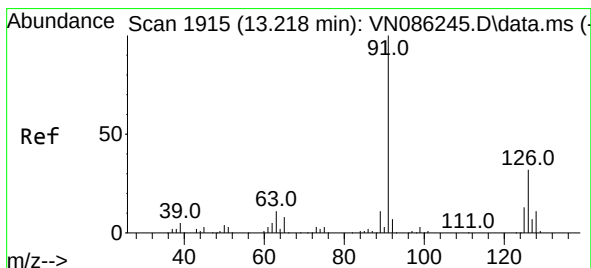
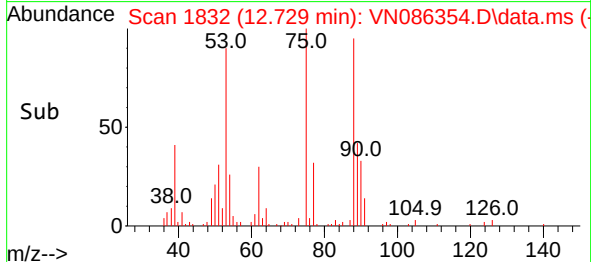
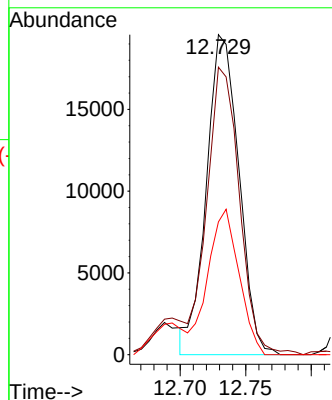
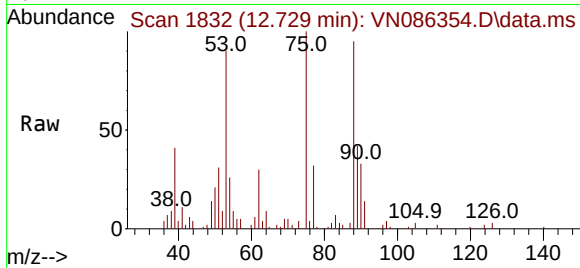




#77
t-1,4-Dichloro-2-butene
Concen: 19.860 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

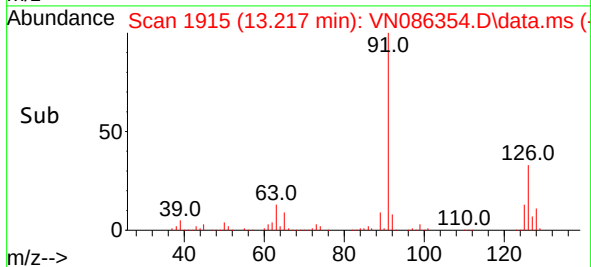
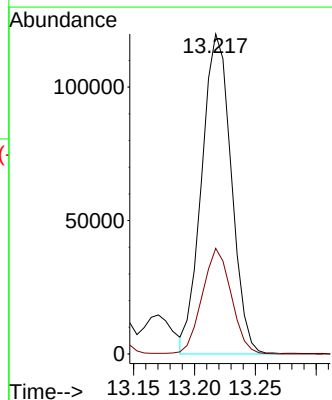
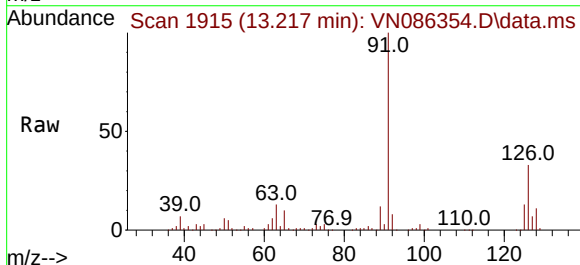
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

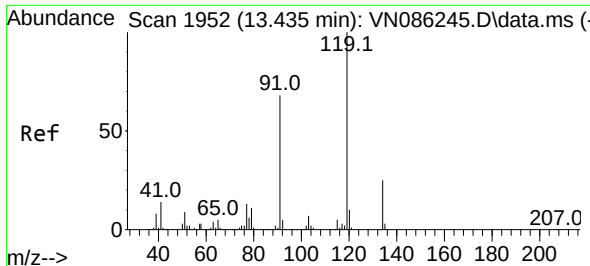
Tgt Ion: 75 Resp: 33783
Ion Ratio Lower Upper
75 100
53 88.8 46.4 139.2
89 41.5 22.5 67.5



#78
4-Chlorotoluene
Concen: 21.957 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 91 Resp: 202653
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.2

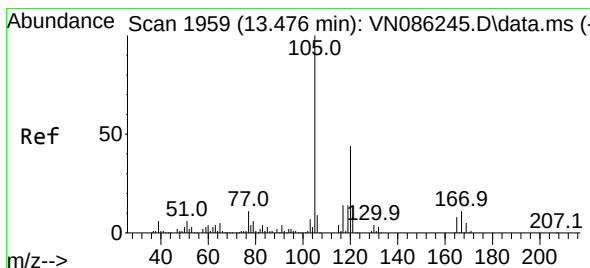
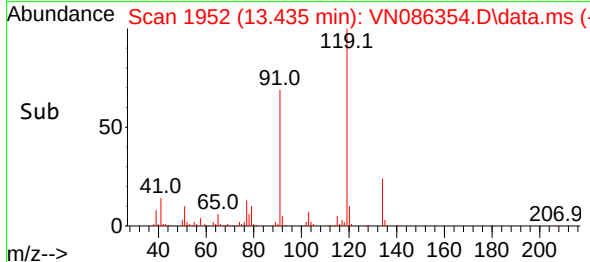
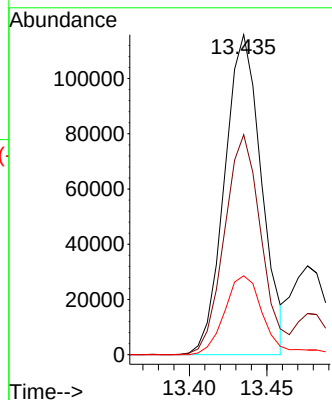
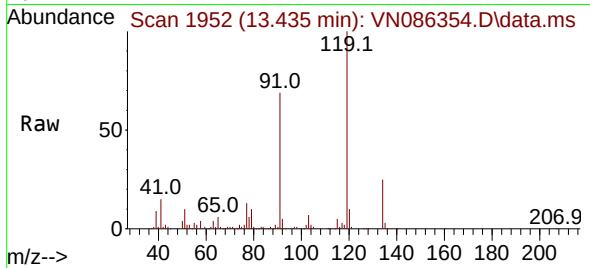




#79
tert-butylbenzene
Concen: 21.678 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

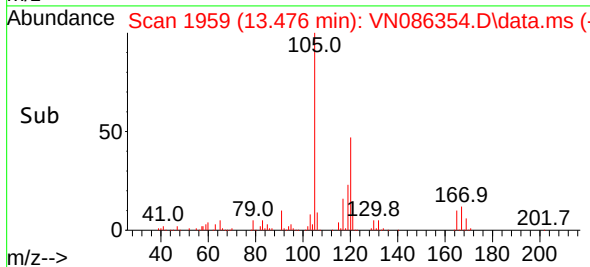
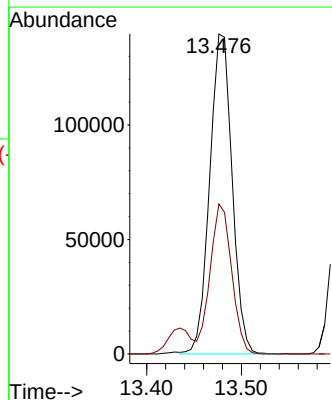
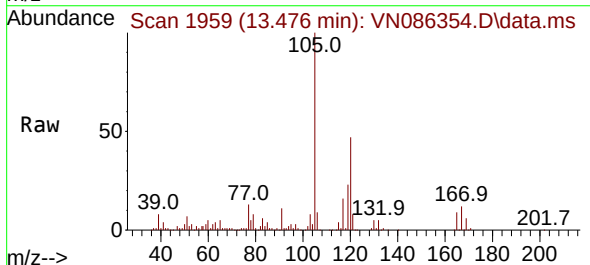
Instrument :
MSVOA_N
ClientSampleId :
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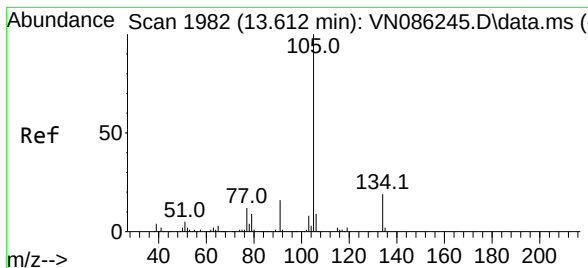
Tgt Ion:119 Resp: 191859
Ion Ratio Lower Upper
119 100
91 68.9 0.0 136.6
134 24.9 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 22.210 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:105 Resp: 230350
Ion Ratio Lower Upper
105 100
120 44.7 0.0 91.0

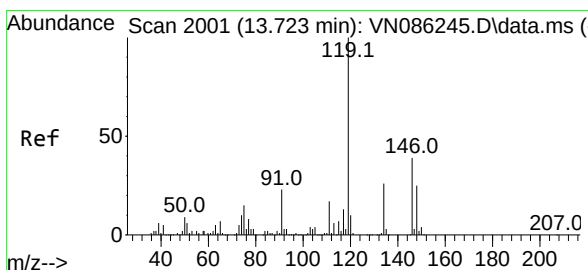
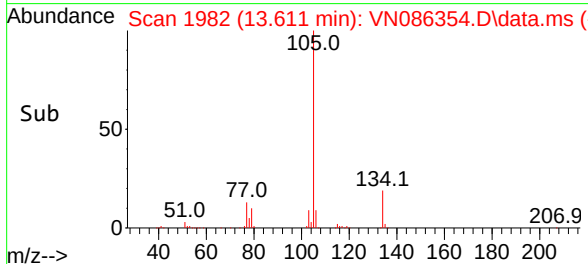
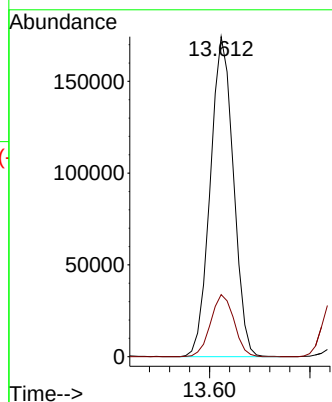
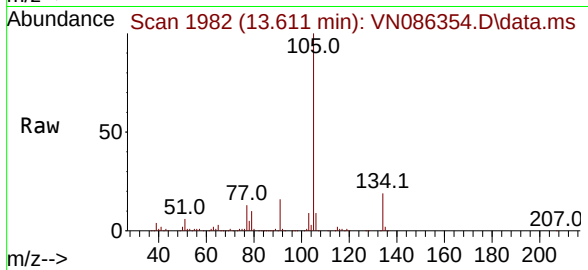




#81
 sec-Butylbenzene
 Concen: 22.680 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

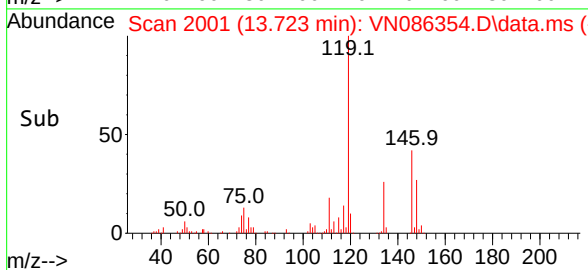
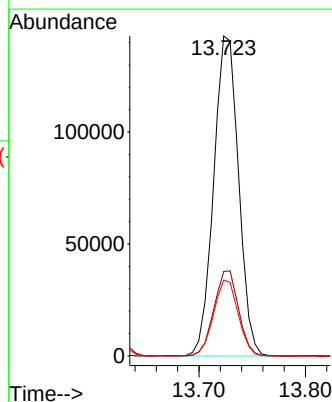
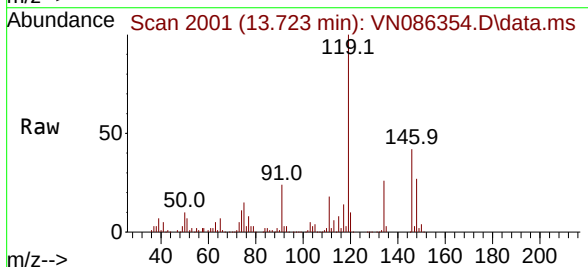
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

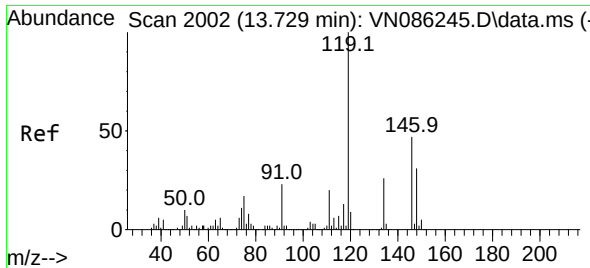
Tgt Ion:105 Resp: 279991
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 22.502 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

Tgt Ion:119 Resp: 231741
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.6
 91 23.6 0.0 48.2

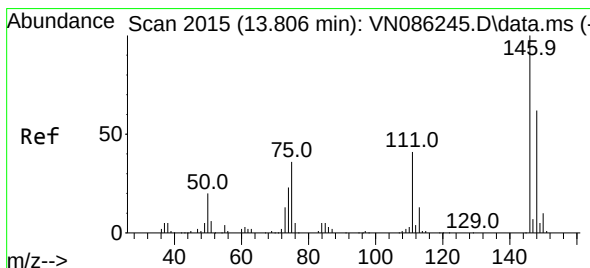
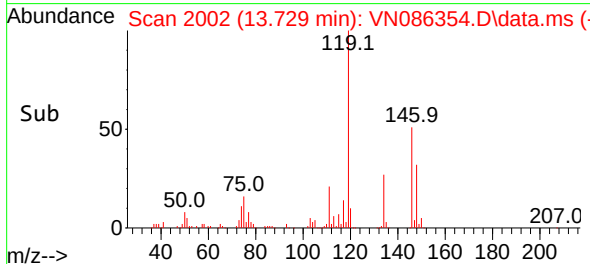
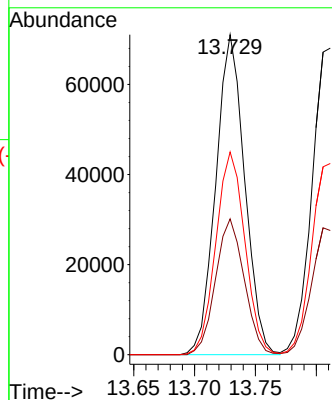
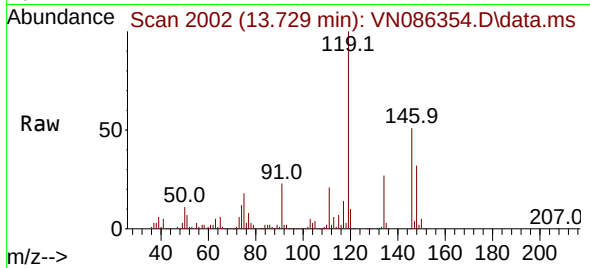




#83
 1,3-Dichlorobenzene
 Concen: 22.902 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

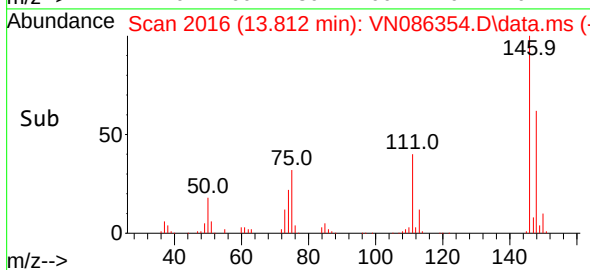
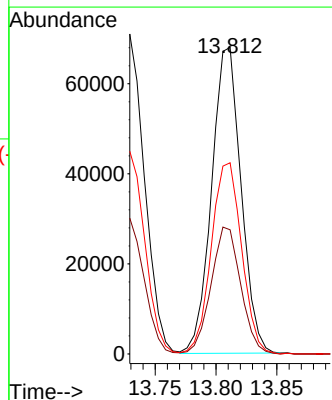
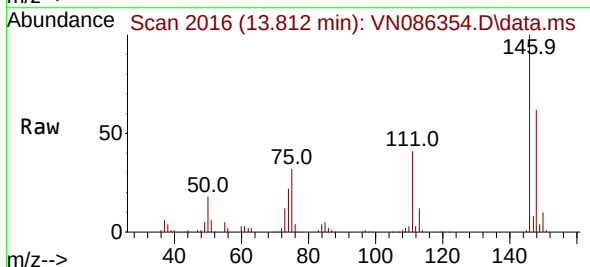
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

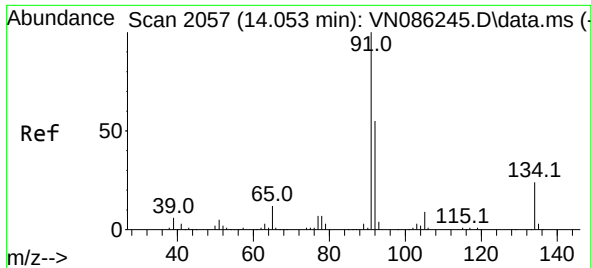
Tgt Ion:146 Resp: 117411
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.7 65.1
 148 63.8 32.3 96.8



#84
 1,4-Dichlorobenzene
 Concen: 22.239 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN086354.D
 Acq: 21 Apr 2025 09:51

Tgt Ion:146 Resp: 114379
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.4
 148 64.4 31.9 95.5

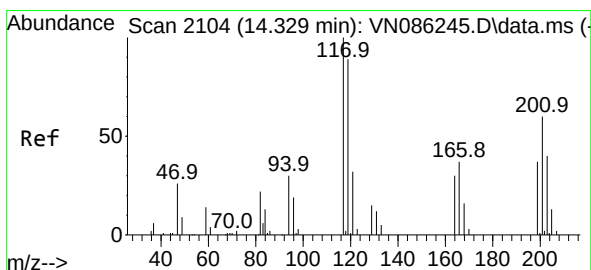
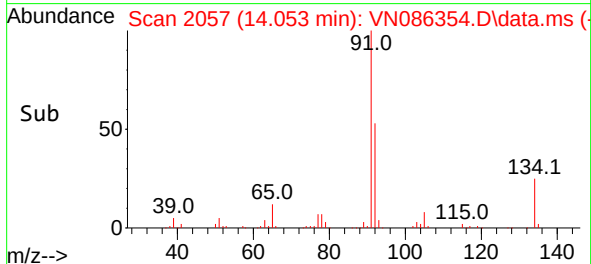
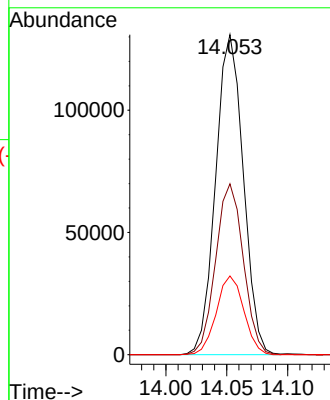
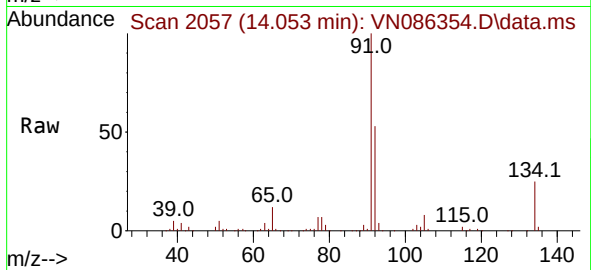




#85
n-Butylbenzene
Concen: 22.293 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

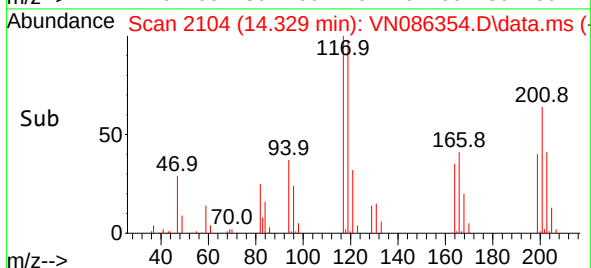
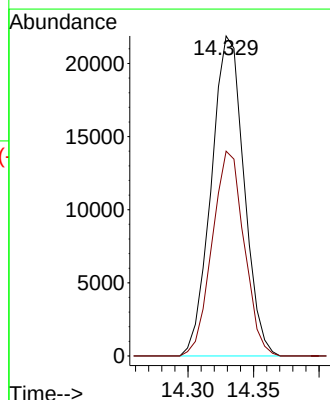
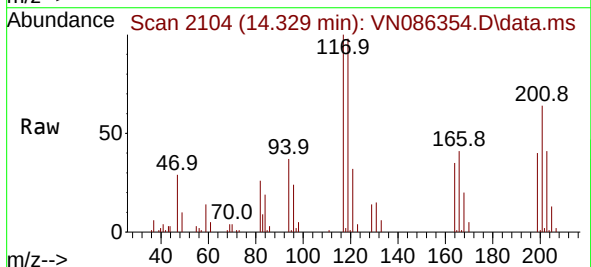
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

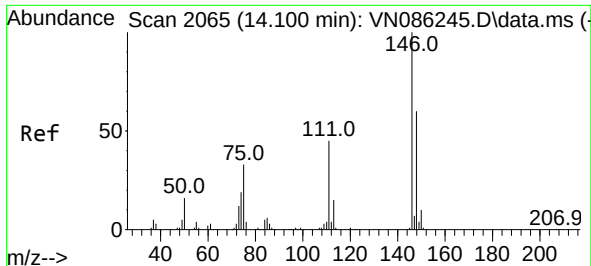
Tgt Ion: 91 Resp: 207118
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.4
134 24.4 0.0 48.2



#86
Hexachloroethane
Concen: 21.841 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion: 117 Resp: 37944
Ion Ratio Lower Upper
117 100
201 62.5 30.9 92.8





#87

1,2-Dichlorobenzene

Concen: 22.286 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

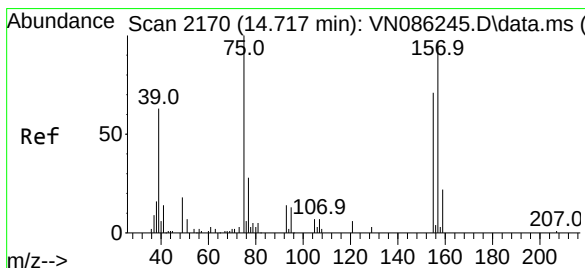
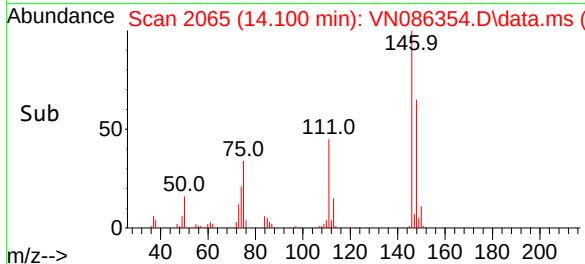
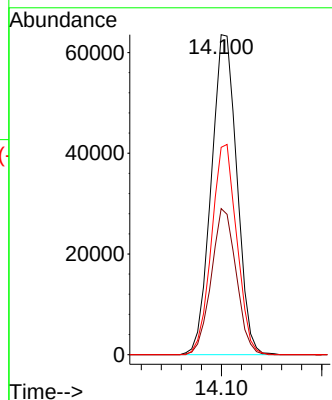
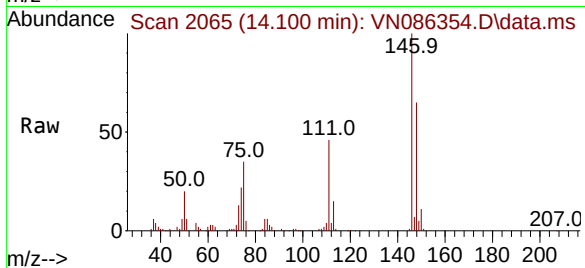
Tgt Ion:146 Resp: 112813

Ion Ratio Lower Upper

146 100

111 44.4 22.7 68.0

148 64.7 31.8 95.3



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.499 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

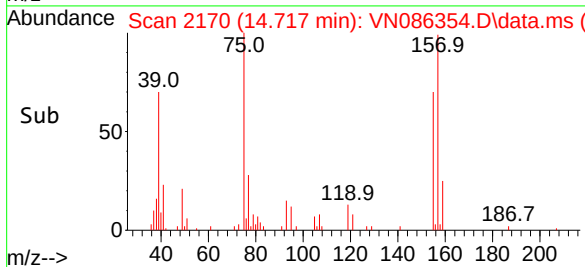
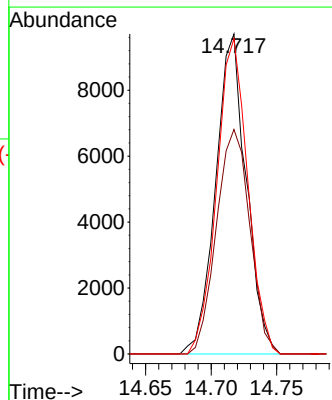
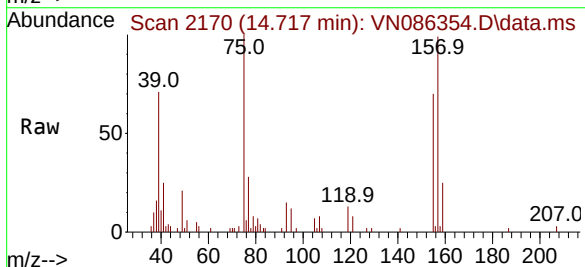
Tgt Ion: 75 Resp: 15740

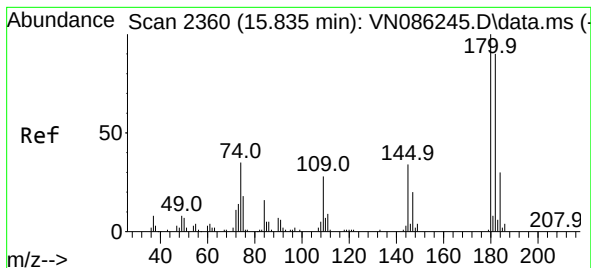
Ion Ratio Lower Upper

75 100

155 76.7 60.3 90.5

157 99.7 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 20.277 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

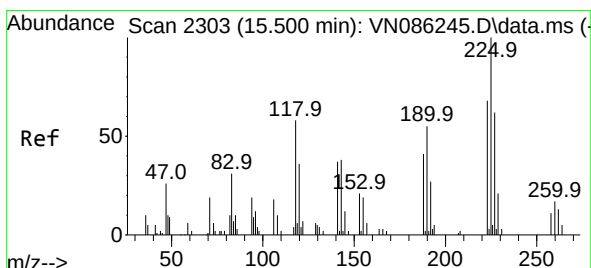
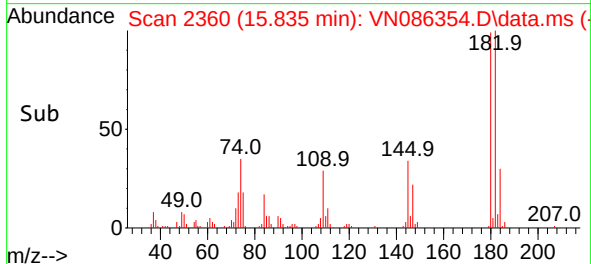
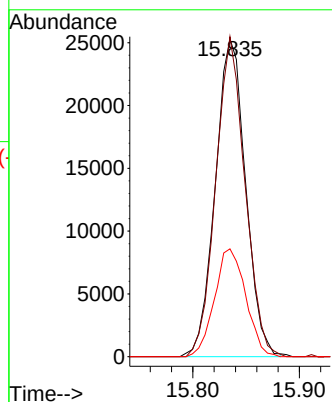
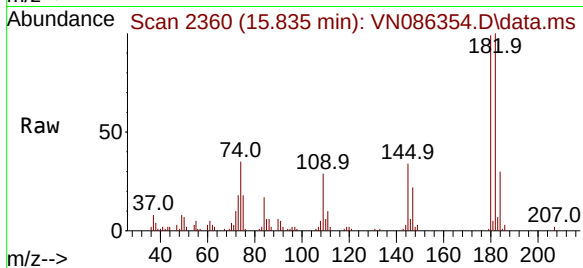
Tgt Ion:180 Resp: 49941

Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

145 35.0 27.1 40.7



#90

Hexachlorobutadiene

Concen: 20.010 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086354.D

Acq: 21 Apr 2025 09:51

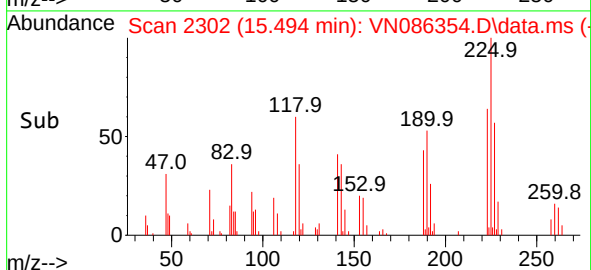
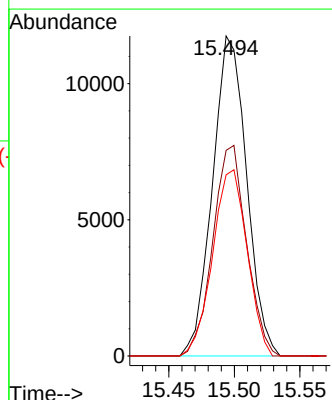
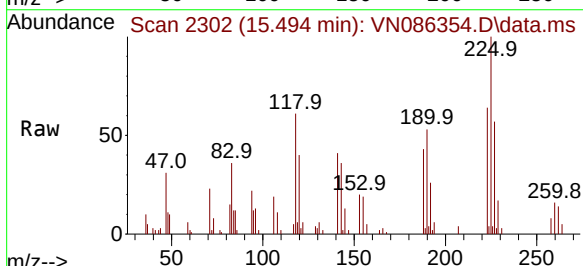
Tgt Ion:225 Resp: 21279

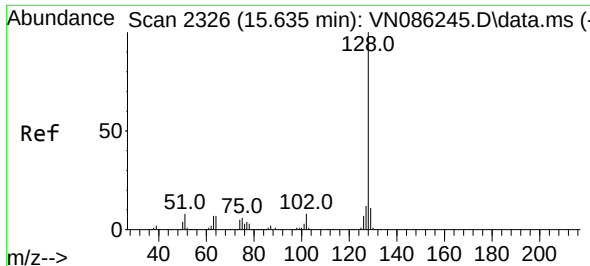
Ion Ratio Lower Upper

225 100

223 64.9 0.0 130.0

227 58.8 0.0 123.2

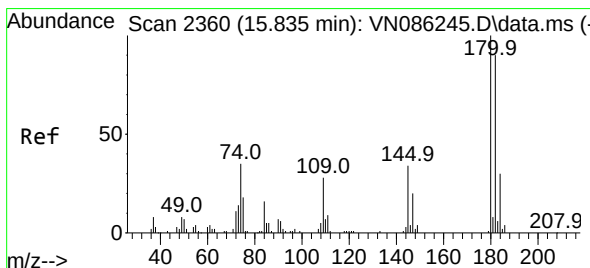
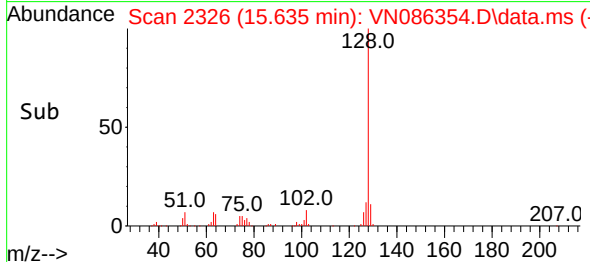
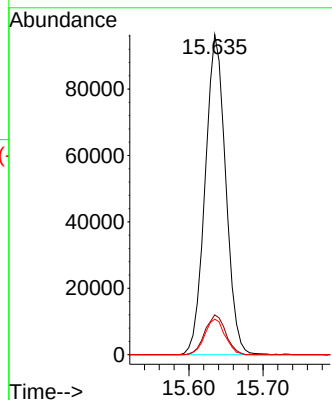
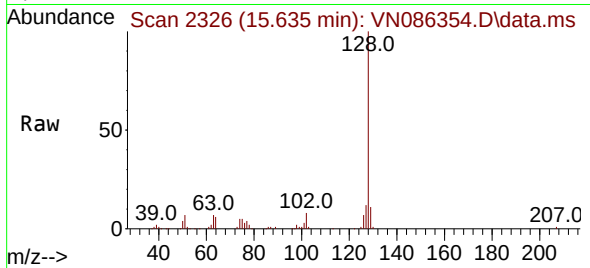




#91
Naphthalene
Concen: 19.082 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 185305
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.277 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086354.D
Acq: 21 Apr 2025 09:51

Tgt Ion:180 Resp: 49941
Ion Ratio Lower Upper
180 100
182 97.0 0.0 187.8
145 35.0 0.0 67.8

