

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086257.D
 Acq On : 14 Apr 2025 09:48
 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 15 03:03:41 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	32024	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	197357	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	173474	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	93528	29.943	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.800%
60) 4-Bromofluorobenzene	12.847	95	101678	29.439	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.133%
63) Toluene-d8	10.565	98	292978	29.915	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.733%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51705	20.151	ug/l	100
3) Chloromethane	2.359	50	67862	19.136	ug/l	99
4) Vinyl Chloride	2.518	62	64550	19.110	ug/l	98
5) Bromomethane	2.965	94	30779	18.267	ug/l	95
6) Chloroethane	3.124	64	41142	19.288	ug/l	100
7) Trichlorofluoromethane	3.506	101	70115	19.135	ug/l	99
8) Diethyl Ether	3.959	74	32172	19.039	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	43514	19.258	ug/l	98
10) 1,1-Dichloroethene	4.342	96	45539	18.675	ug/l	96
11) Methyl Iodide	4.589	142	52123	18.598	ug/l	97
12) Methyl Acetate	5.024	43	63492	18.438	ug/l	97
13) Acrolein	4.177	56	43778	111.843	ug/l	100
14) Acrylonitrile	5.712	53	131269	90.298	ug/l	99
15) Acetone	4.424	58	31209	84.669	ug/l	81
16) Carbon Disulfide	4.712	76	132270	18.916	ug/l	100
17) Allyl chloride	5.018	41	78898	18.564	ug/l	97
18) Methylene Chloride	5.271	84	52153	18.758	ug/l	95
19) trans-1,2-Dichloroethene	5.789	96	47367	18.441	ug/l	95
20) Diisopropyl ether	6.665	45	173261	18.962	ug/l	98
21) 1,1-Dichloroethane	6.565	63	94571	19.400	ug/l	97
22) cis-1,2-Dichloroethene	7.482	96	58597	19.151	ug/l	98
23) tert-Butyl Alcohol	5.506	59	52600	87.324	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	167022	18.980	ug/l	99
25) Chloroform	7.965	83	88484	19.034	ug/l	97
26) Cyclohexane	8.253	56	86005	18.858	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	66713	18.870	ug/l	99
30) 2-Butanone	7.477	43	171707	87.649	ug/l	99
31) 2,2-Dichloropropane	7.482	77	84554	19.429	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	75829	18.645	ug/l	99
33) Carbon Tetrachloride	8.353	117	61318	18.867	ug/l	97
34) Benzene	8.600	78	211172	18.775	ug/l	99
35) Methacrylonitrile	7.777	41	39350	17.817	ug/l	94
36) 1,2-Dichloroethane	8.665	62	67422	19.155	ug/l	99
37) Trichloroethene	9.347	130	52165	19.222	ug/l	99
38) Methylcyclohexane	9.600	83	81444	18.783	ug/l	99
39) 1,2-Dichloropropane	9.618	63	52917	18.907	ug/l	98
40) Dibromomethane	9.706	93	33301	18.422	ug/l	99
41) Bromodichloromethane	9.882	83	71754	18.478	ug/l	99
42) Vinyl Acetate	6.600	43	620604	93.065	ug/l	99

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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Quant Time: Apr 15 03:03:41 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

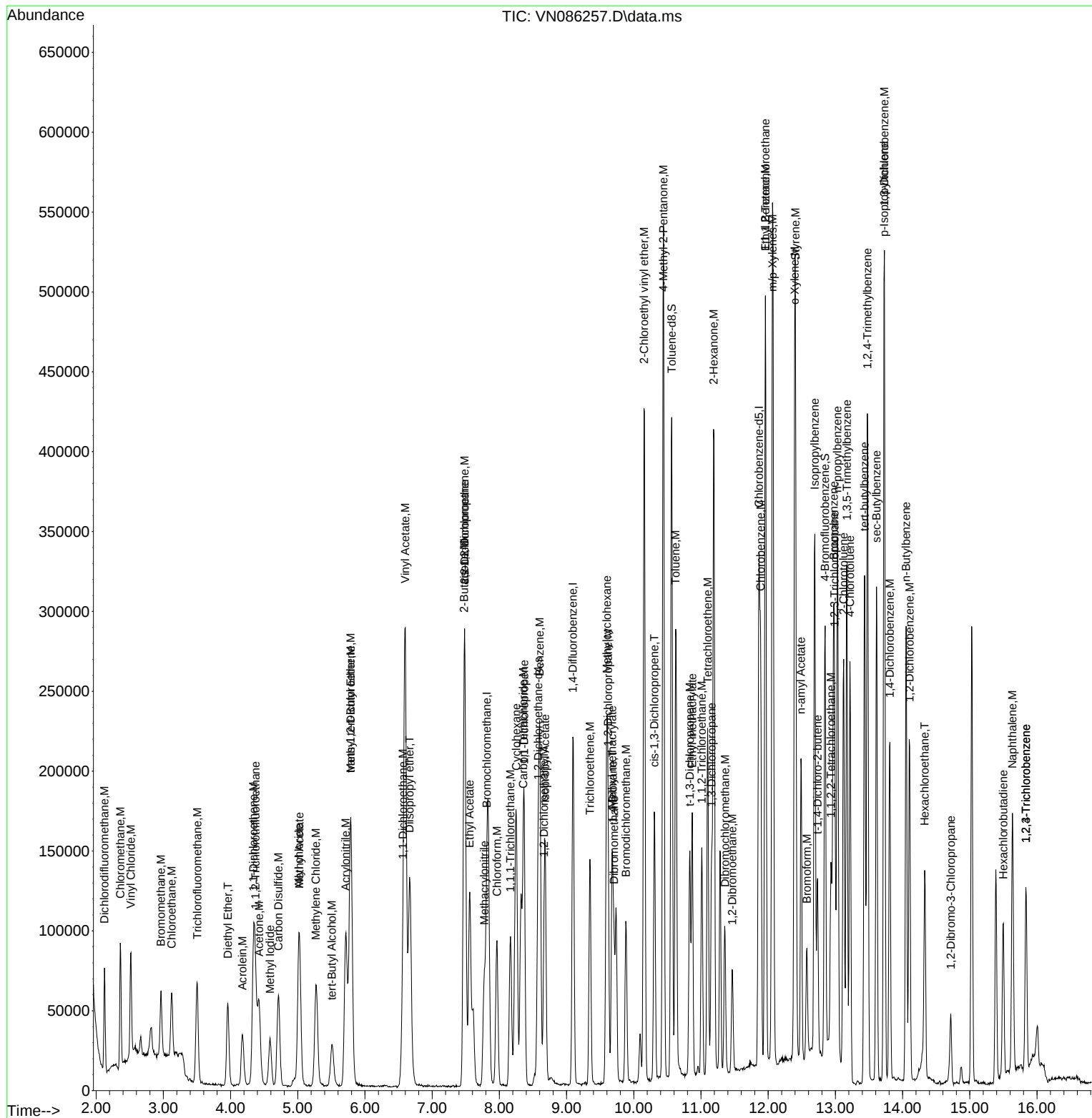
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43) Ethyl Acetate	7.559	43	62086	15.712	ug/l	93
44) Isopropyl Acetate	8.682	43	126923	17.314	ug/l	97
45) 1,4-Dioxane	9.688	88	21249	364.534	ug/l #	92
46) Methyl methacrylate	9.676	41	58920	18.242	ug/l	95
47) n-amyl Acetate	12.488	43	99949	17.197	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	81596	18.586	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	87501	18.832	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	46793	18.457	ug/l	97
51) Ethyl methacrylate	10.871	69	84381	17.910	ug/l	98
52) 1,3-Dichloropropane	11.159	76	84556	18.712	ug/l	99
53) Dibromochloromethane	11.359	129	51833	18.691	ug/l	99
54) 1,2-Dibromoethane	11.465	107	47300	18.482	ug/l	99
55) 2-Chloroethyl vinyl ether	10.153	63	197031	110.673	ug/l	100
56) Bromoform	12.576	173	33228	18.314	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	358624	91.099	ug/l	100
59) 2-Hexanone	11.188	43	264746	90.316	ug/l	99
61) Tetrachloroethene	11.100	164	49659	19.384	ug/l	98
62) Toluene	10.623	91	221443	19.032	ug/l	100
64) Chlorobenzene	11.888	112	135157	19.013	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44831	19.109	ug/l	99
66) Ethyl Benzene	11.959	91	242647	18.804	ug/l	100
67) m/p-Xylenes	12.065	106	180457	37.610	ug/l	100
68) o-Xylene	12.394	106	91065	19.296	ug/l	97
69) Styrene	12.406	104	148905	18.708	ug/l	100
70) Isopropylbenzene	12.694	105	221830	19.063	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	60935	18.397	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	92214	26.746	ug/l	61
73) Bromobenzene	12.976	156	49010	19.012	ug/l	98
74) n-propylbenzene	13.029	91	261891	19.060	ug/l	100
75) 2-Chlorotoluene	13.123	91	162087	18.767	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	180756	18.910	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	29299	18.430	ug/l	96
78) 4-Chlorotoluene	13.217	91	160361	18.592	ug/l	100
79) tert-butylbenzene	13.435	119	154513	18.681	ug/l	97
80) 1,2,4-Trimethylbenzene	13.476	105	183217	18.902	ug/l	99
81) sec-Butylbenzene	13.612	105	220196	19.085	ug/l	99
82) p-Isopropyltoluene	13.723	119	185966	19.321	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	90204	18.827	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	89476	18.615	ug/l	99
85) n-Butylbenzene	14.053	91	164579	18.955	ug/l	99
86) Hexachloroethane	14.329	117	30879	19.019	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	88400	18.686	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12505	16.576	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	41499	18.029	ug/l	98
90) Hexachlorobutadiene	15.500	225	17114	17.220	ug/l	98
91) Naphthalene	15.635	128	150034	16.532	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	41499	18.029	ug/l	98

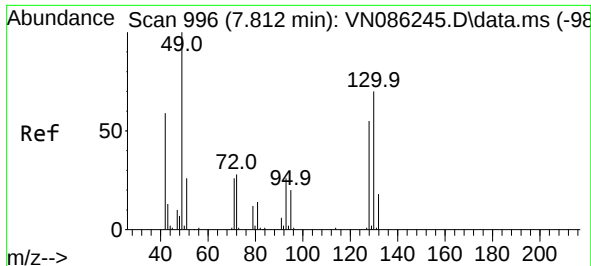
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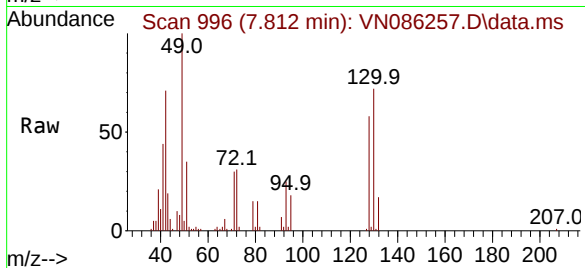
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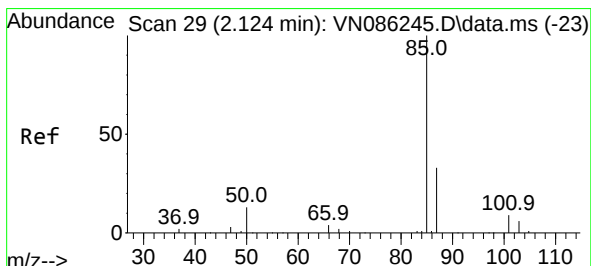
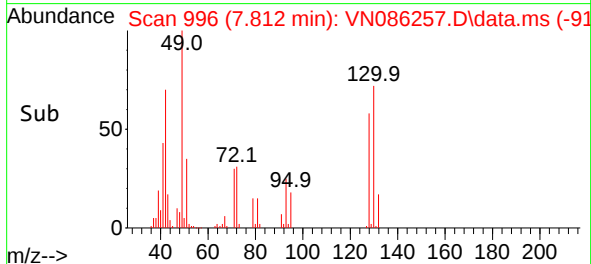
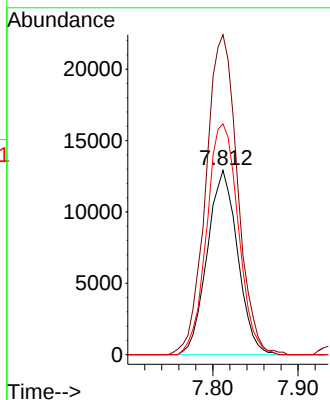


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

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MSVOA_N
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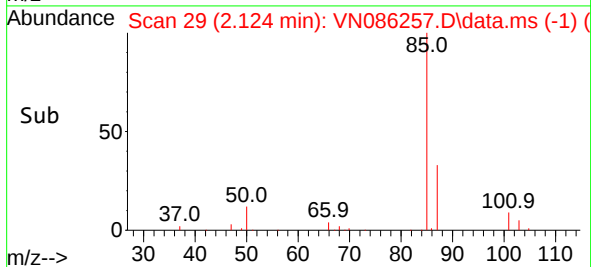
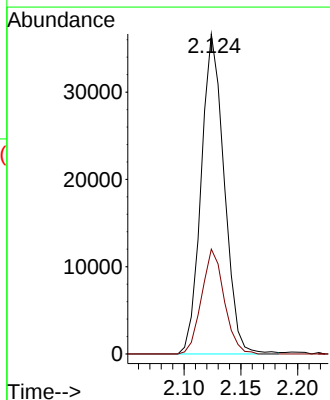
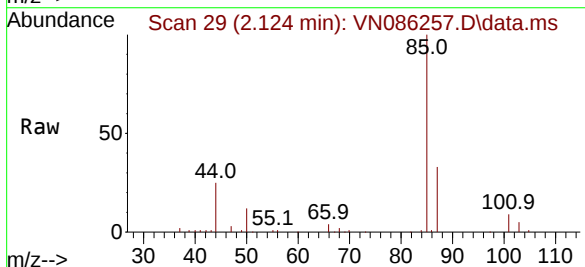


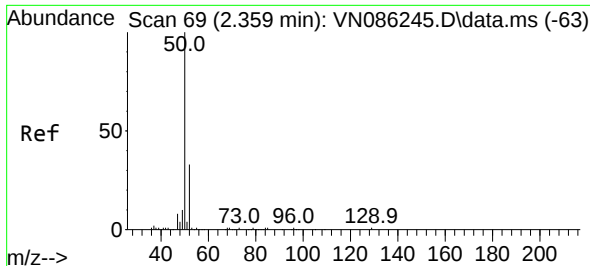
Tgt Ion:128 Resp: 32024
Ion Ratio Lower Upper
128 100
49 180.9 0.0 452.5
130 130.1 0.0 315.0



#2
Dichlorodifluoromethane
Concen: 20.151 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 85 Resp: 51705
Ion Ratio Lower Upper
85 100
87 32.7 16.3 48.9

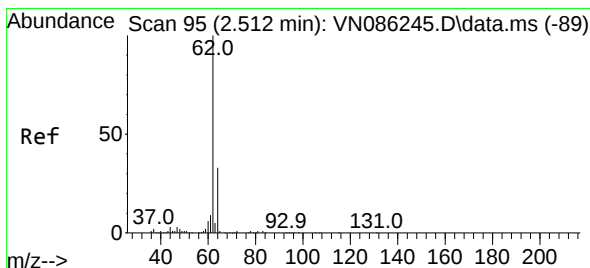
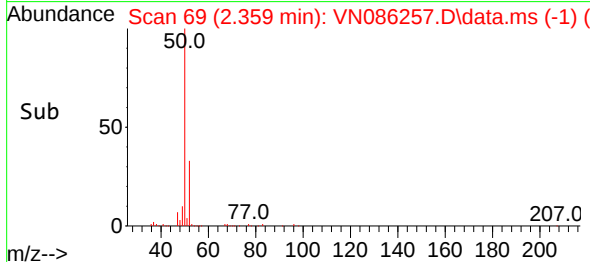
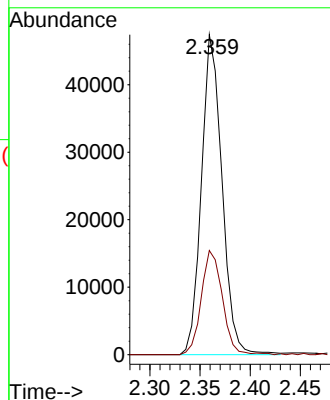
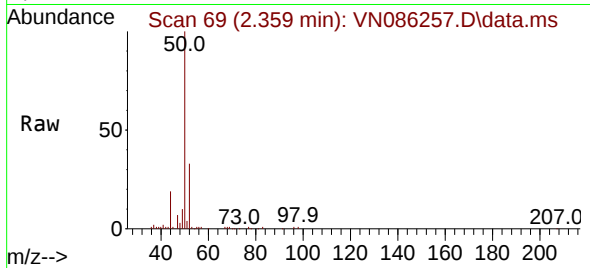




#3
Chloromethane
Concen: 19.136 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

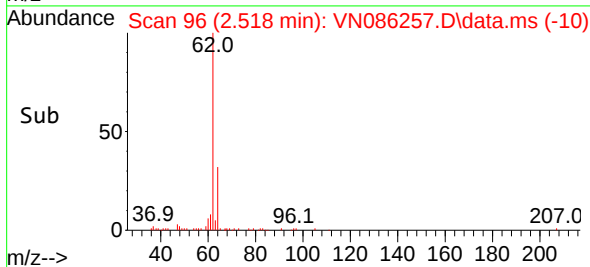
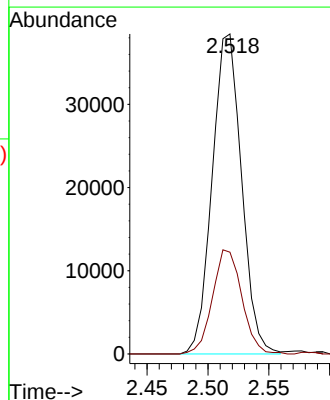
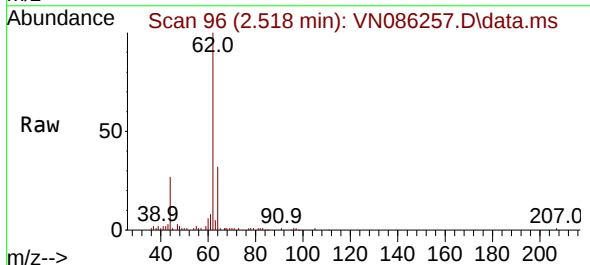
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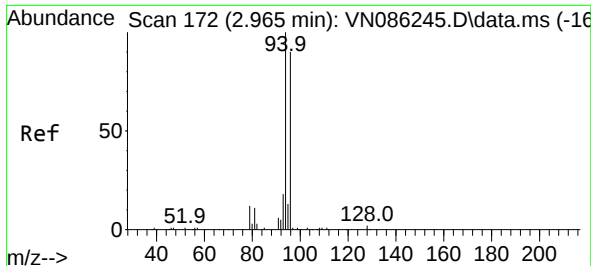
Tgt Ion: 50 Resp: 67862
Ion Ratio Lower Upper
50 100
52 32.5 26.4 39.6



#4
Vinyl Chloride
Concen: 19.110 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 62 Resp: 64550
Ion Ratio Lower Upper
62 100
64 31.8 26.3 39.5

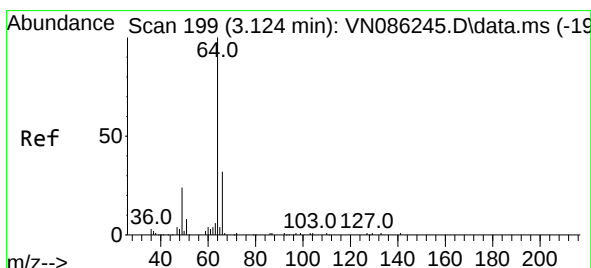
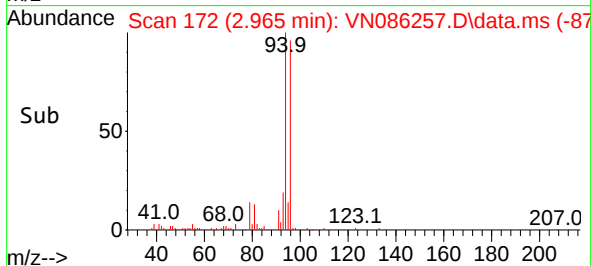
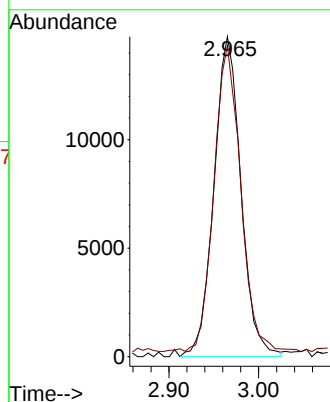
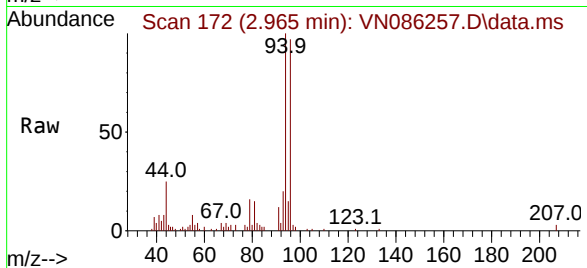




#5
Bromomethane
Concen: 18.267 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.000 min
Lab File: VN086257.D
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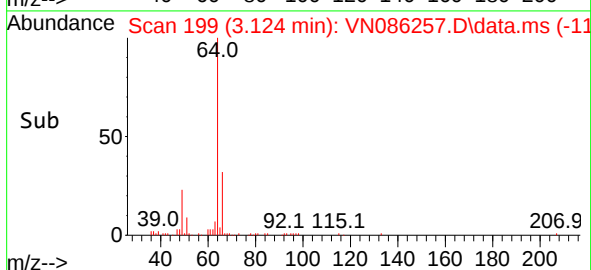
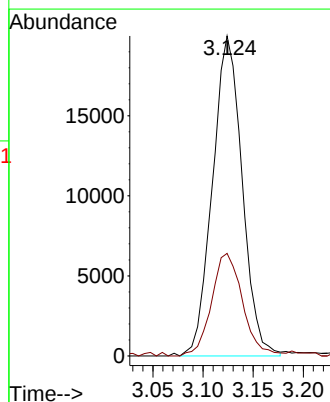
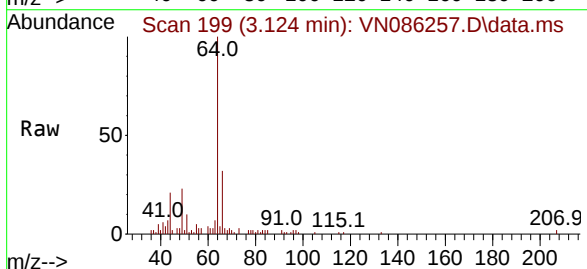
Instrument :
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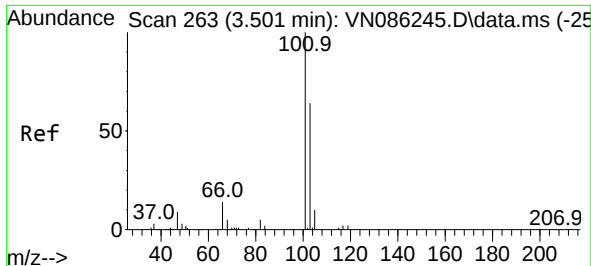
Tgt Ion: 94 Resp: 30779
Ion Ratio Lower Upper
94 100
96 94.8 72.2 108.2



#6
Chloroethane
Concen: 19.288 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 64 Resp: 41142
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5

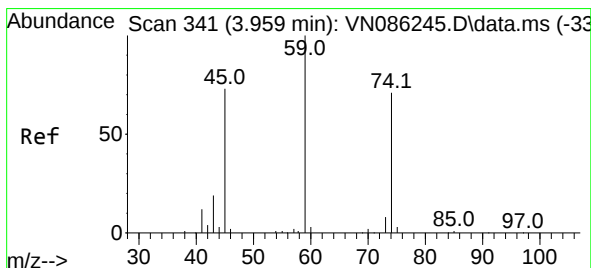
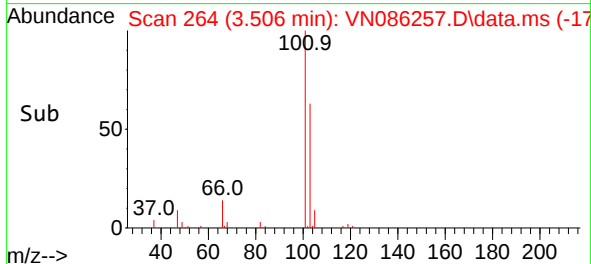
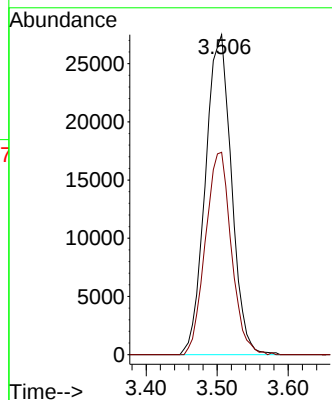
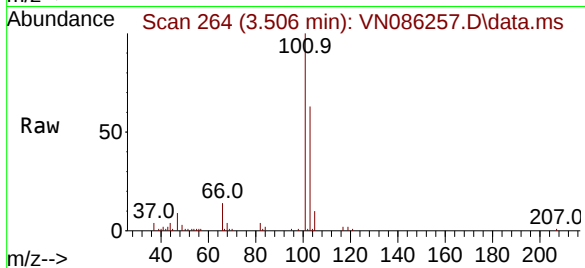




#7
Trichlorofluoromethane
Concen: 19.135 ug/l
RT: 3.506 min Scan# 263
Delta R.T. 0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

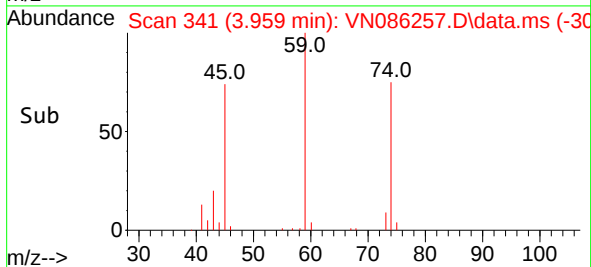
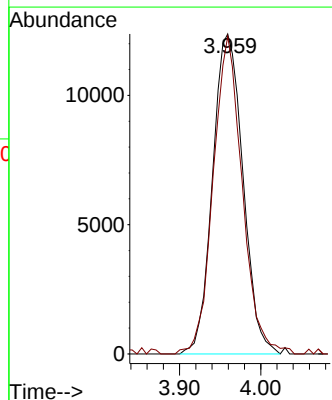
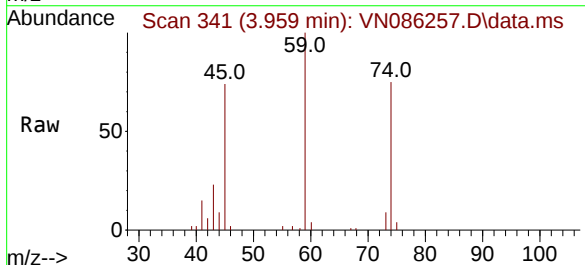
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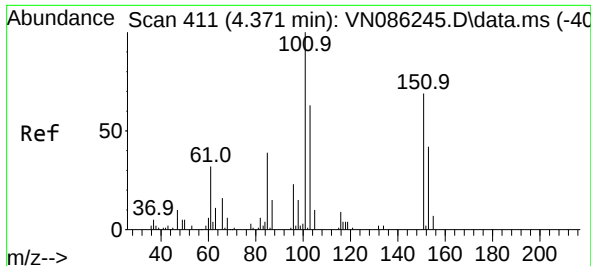
Tgt Ion:101 Resp: 70115
Ion Ratio Lower Upper
101 100
103 63.2 51.2 76.8



#8
Diethyl Ether
Concen: 19.039 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 74 Resp: 32172
Ion Ratio Lower Upper
74 100
45 94.3 19.2 173.2

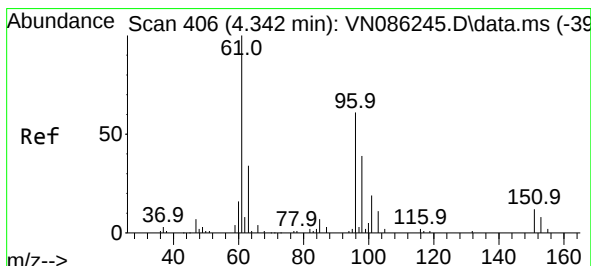
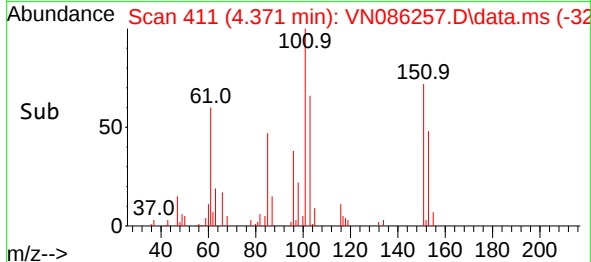
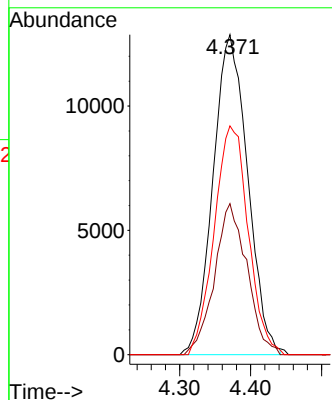
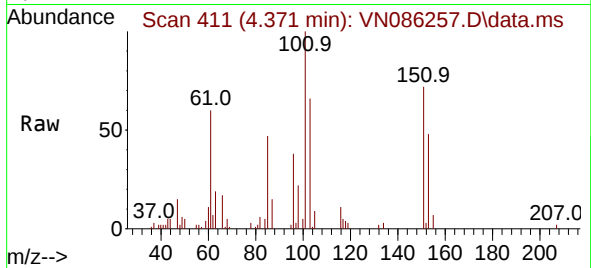




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.258 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.000 min
 Lab File: VN086257.D
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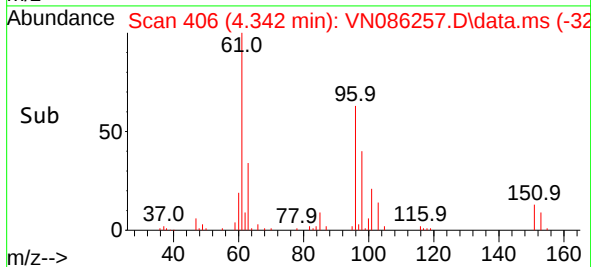
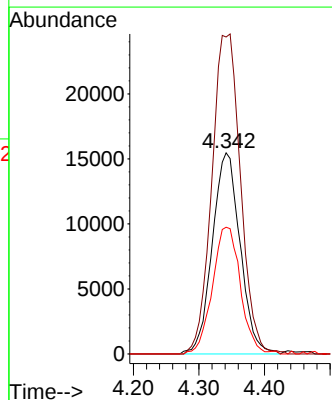
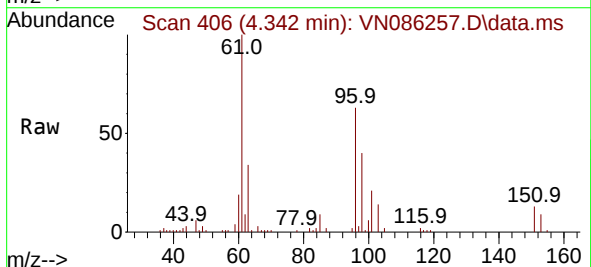
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 ClientSampleId :
 VSTDCCC020

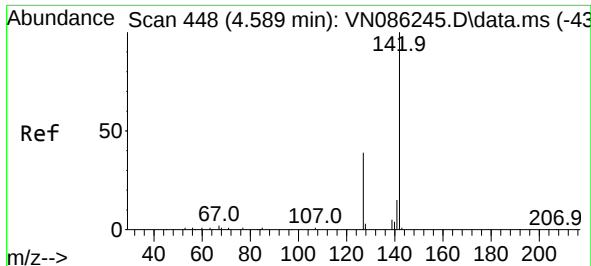
Tgt Ion:101 Resp: 43514
 Ion Ratio Lower Upper
 101 100
 85 44.4 0.0 93.0
 151 70.4 0.0 138.6



#10
 1,1-Dichloroethene
 Concen: 18.675 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

Tgt Ion: 96 Resp: 45539
 Ion Ratio Lower Upper
 96 100
 61 157.6 131.1 196.7
 98 63.0 51.6 77.4

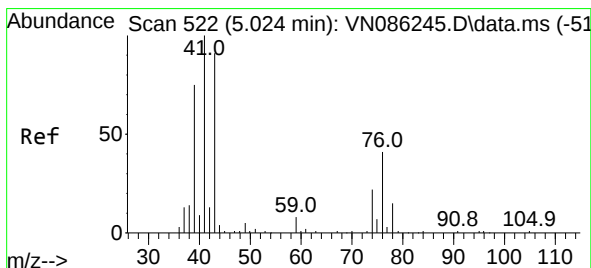
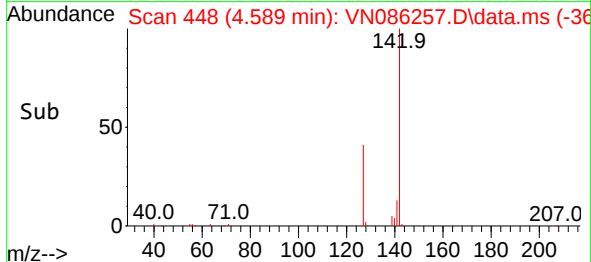
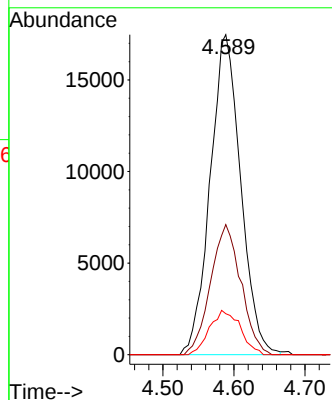
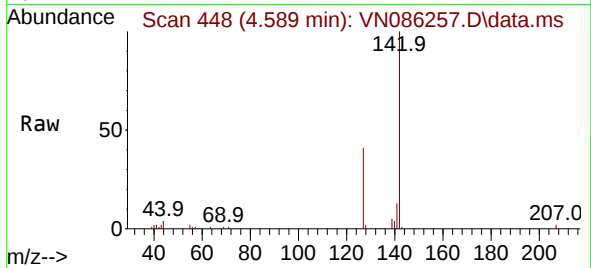




#11
Methyl Iodide
Concen: 18.598 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

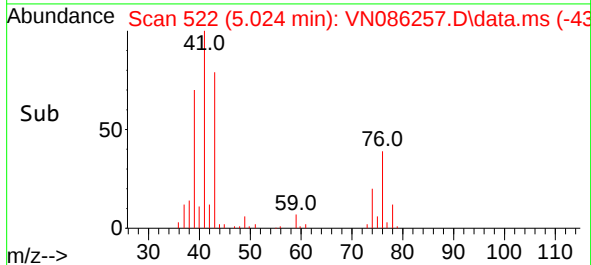
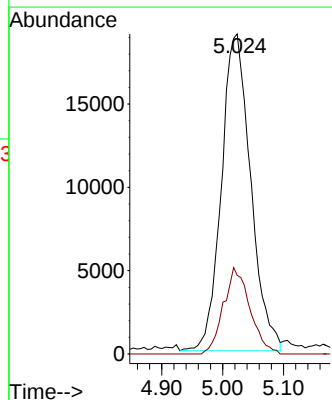
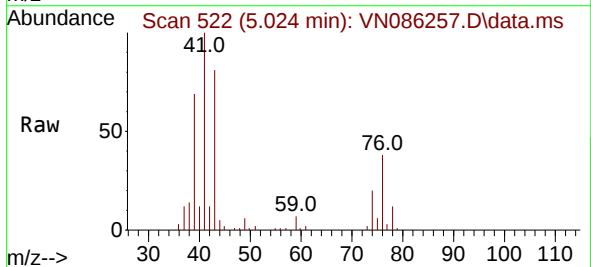
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

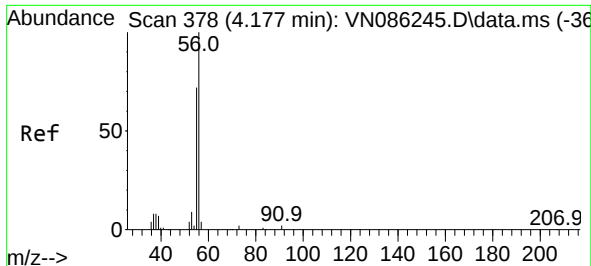
Tgt Ion:142 Resp: 52123
Ion Ratio Lower Upper
142 100
127 40.8 19.6 58.8
141 12.9 7.3 21.9



#12
Methyl Acetate
Concen: 18.438 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 43 Resp: 63492
Ion Ratio Lower Upper
43 100
74 25.2 19.1 28.7

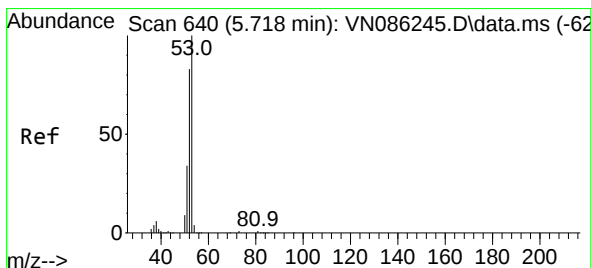
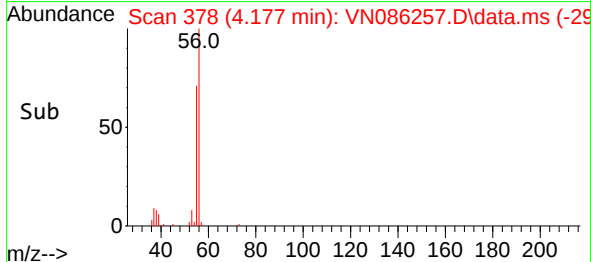
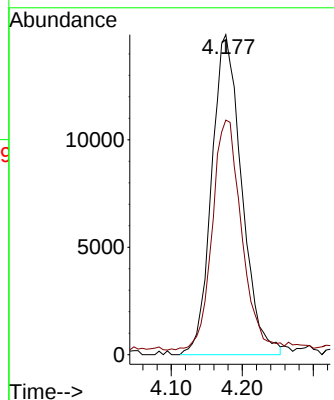
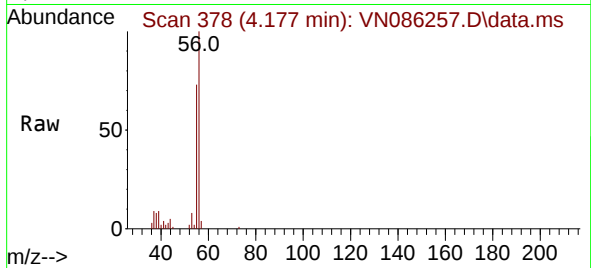




#13
Acrolein
Concen: 111.843 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

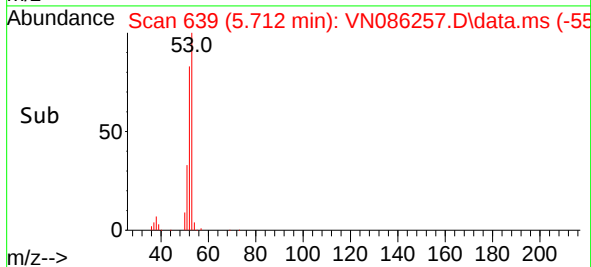
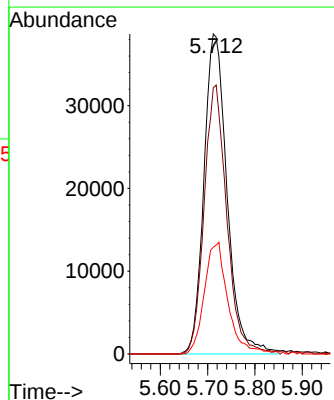
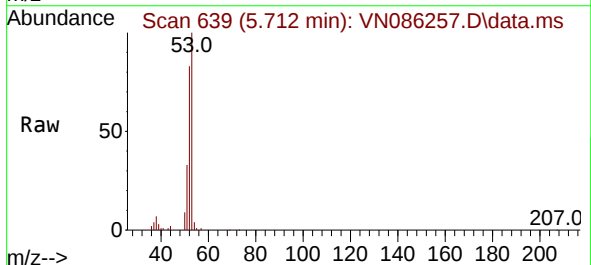
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

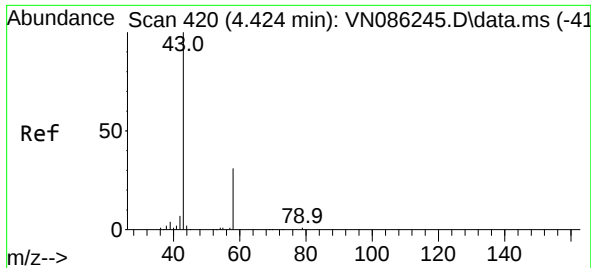
Tgt Ion: 56 Resp: 43778
Ion Ratio Lower Upper
56 100
55 70.2 56.5 84.7



#14
Acrylonitrile
Concen: 90.298 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 53 Resp: 131269
Ion Ratio Lower Upper
53 100
52 82.2 40.2 120.6
51 35.2 17.5 52.6





#15

Acetone

Concen: 84.669 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

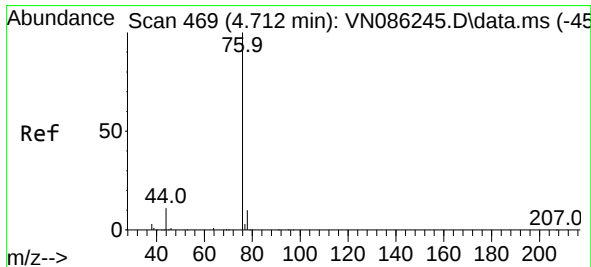
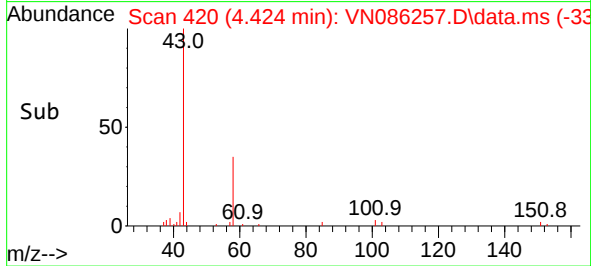
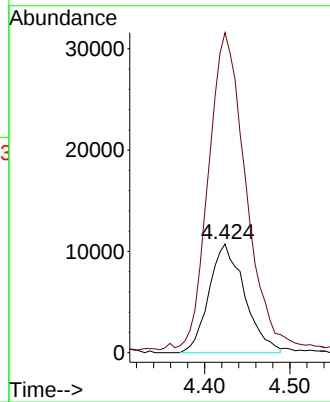
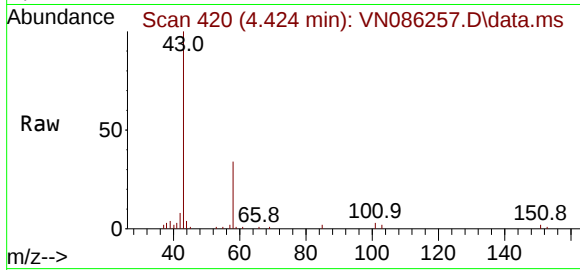
VSTDCCC020

Tgt Ion: 58 Resp: 31209

Ion Ratio Lower Upper

58 100

43 288.1 261.8 392.8



#16

Carbon Disulfide

Concen: 18.916 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.000 min

Lab File: VN086257.D

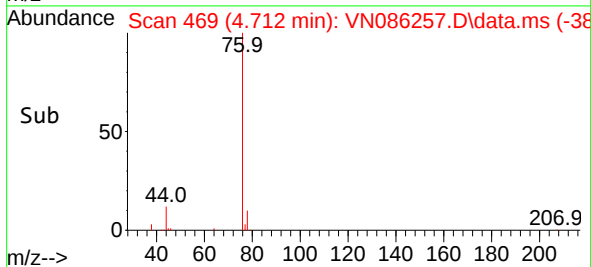
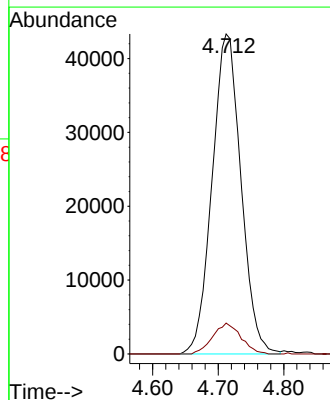
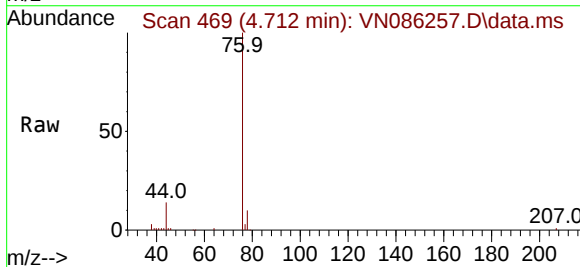
Acq: 14 Apr 2025 09:48

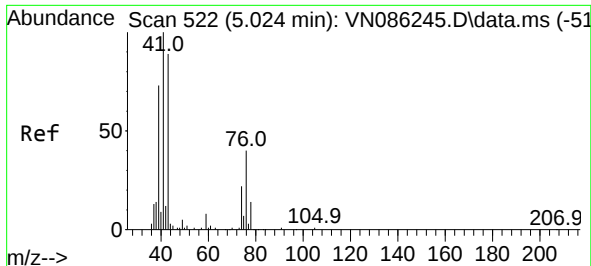
Tgt Ion: 76 Resp: 132270

Ion Ratio Lower Upper

76 100

78 9.7 7.7 11.5

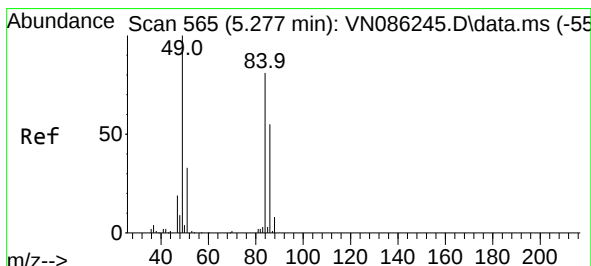
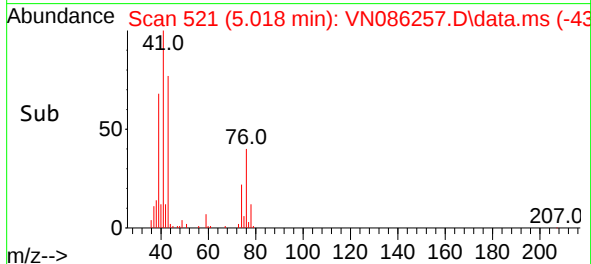
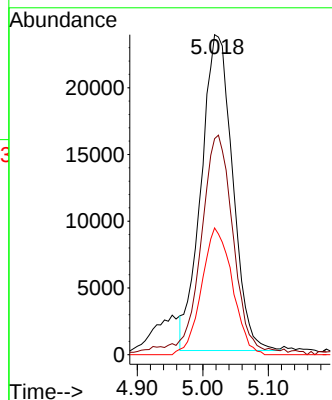
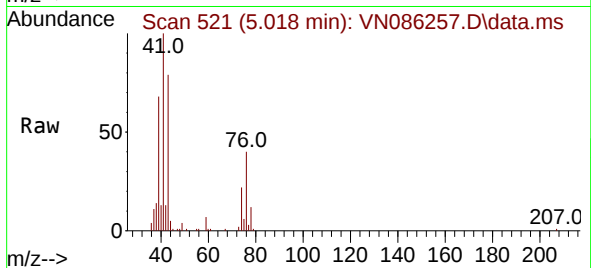




#17
 Allyl chloride
 Concen: 18.564 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

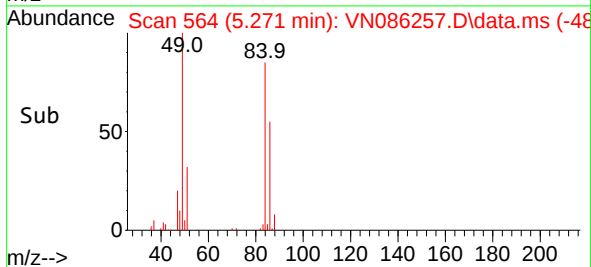
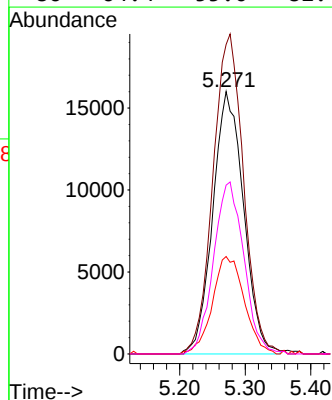
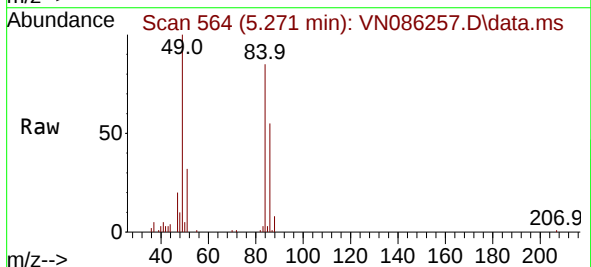
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

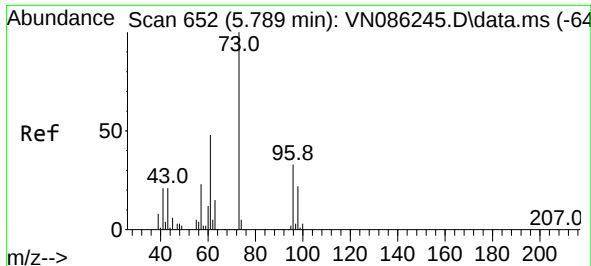
Tgt Ion:	41	Resp:	78898
Ion	Ratio	Lower	Upper
41	100		
39	67.4	34.4	103.2
76	40.3	18.8	56.3



#18
 Methylene Chloride
 Concen: 18.758 ug/l
 RT: 5.271 min Scan# 564
 Delta R.T. -0.006 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

Tgt Ion:	84	Resp:	52153
Ion	Ratio	Lower	Upper
84	100		
49	117.9	99.1	148.7
51	37.2	32.3	48.5
86	64.4	55.0	82.4

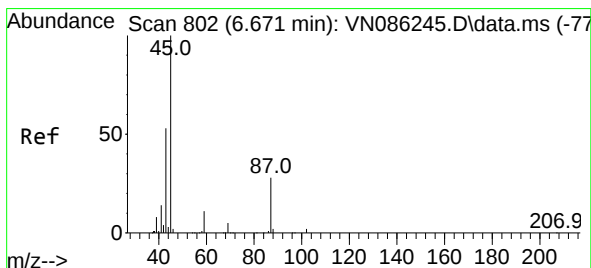
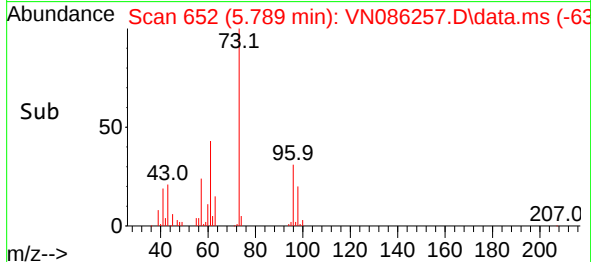
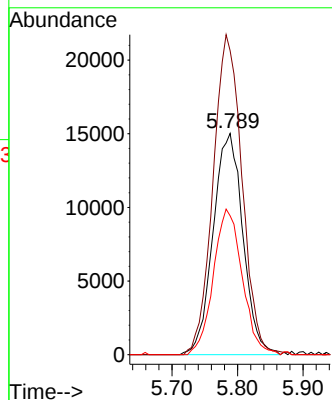
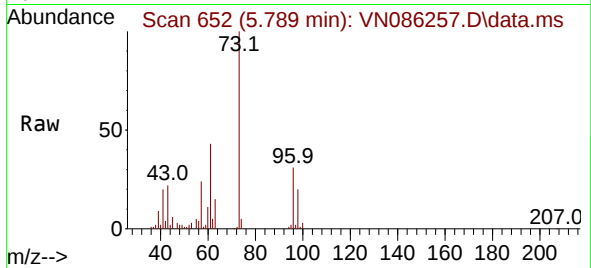




#19
trans-1,2-Dichloroethene
Concen: 18.441 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

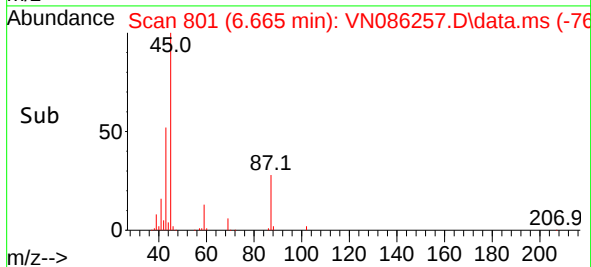
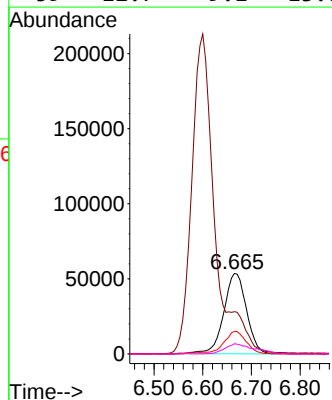
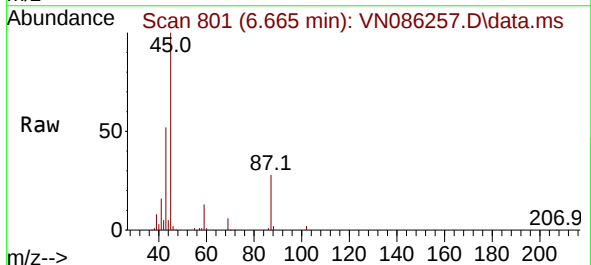
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

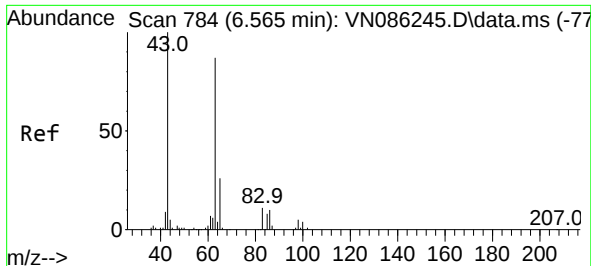
Tgt Ion: 96 Resp: 47367
Ion Ratio Lower Upper
96 100
61 137.3 115.9 173.9
98 62.8 52.1 78.1



#20
Diisopropyl ether
Concen: 18.962 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 45 Resp: 173261
Ion Ratio Lower Upper
45 100
43 50.8 42.3 63.5
87 28.0 22.2 33.4
59 12.7 9.1 13.7

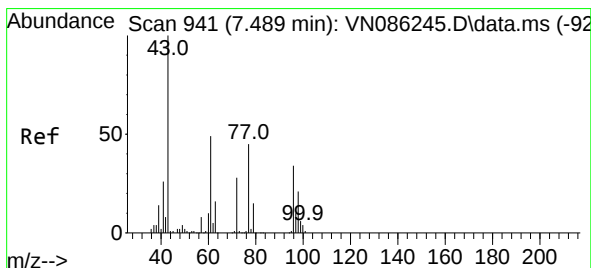
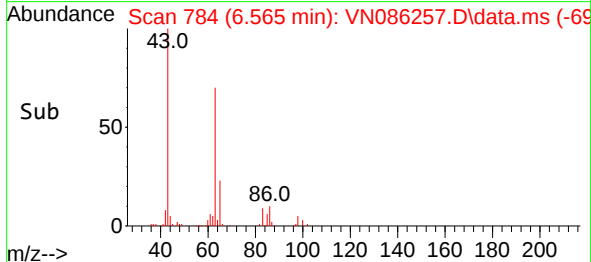
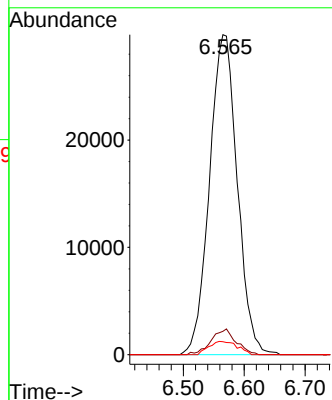
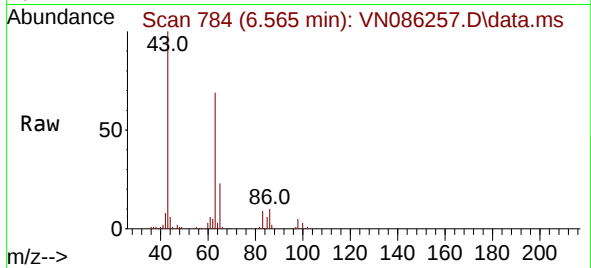




#21
1,1-Dichloroethane
Concen: 19.400 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

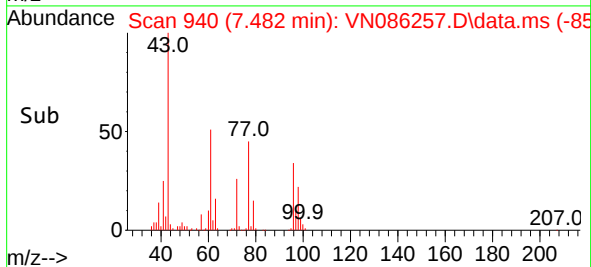
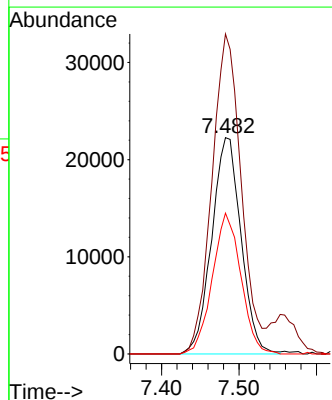
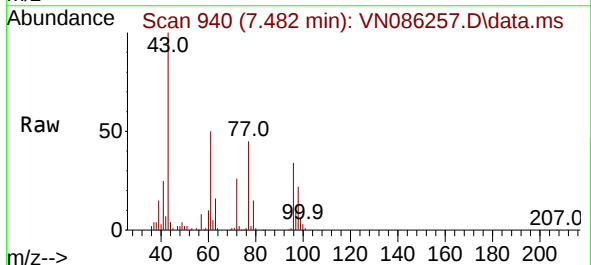
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

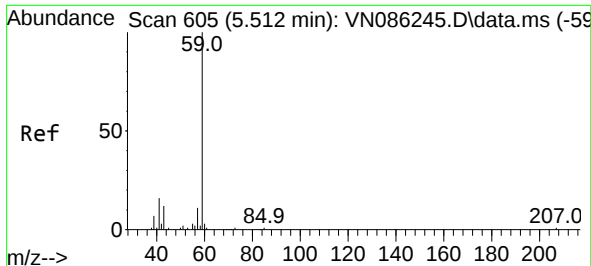
Tgt Ion: 63 Resp: 94571
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.3
100 4.0 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 19.151 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 96 Resp: 58597
Ion Ratio Lower Upper
96 100
61 146.7 119.5 179.3
98 63.4 51.0 76.6

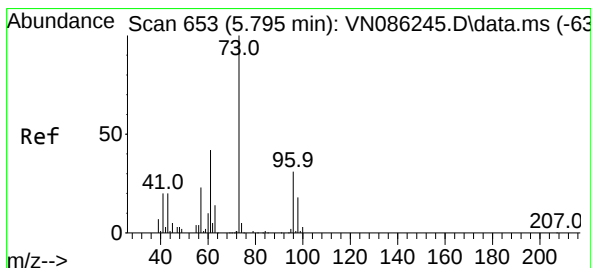
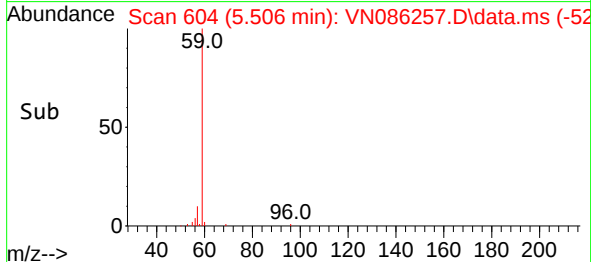
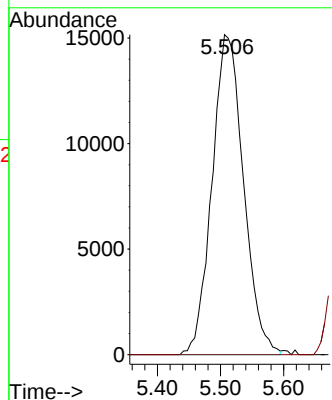
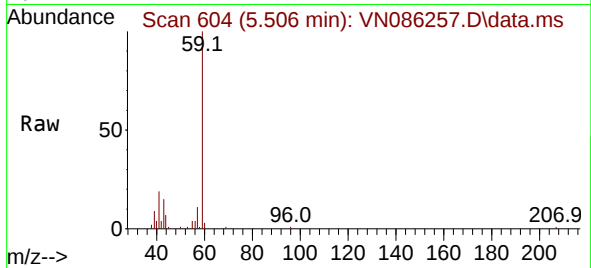




#23
tert-Butyl Alcohol
Concen: 87.324 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

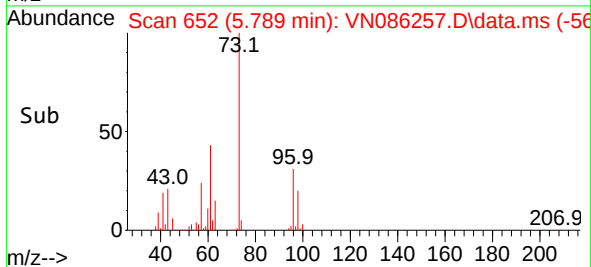
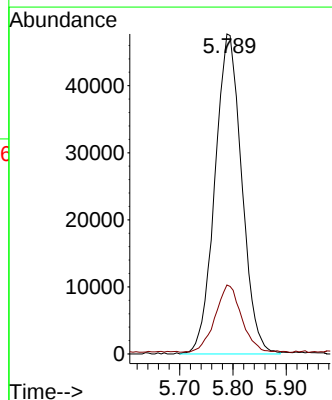
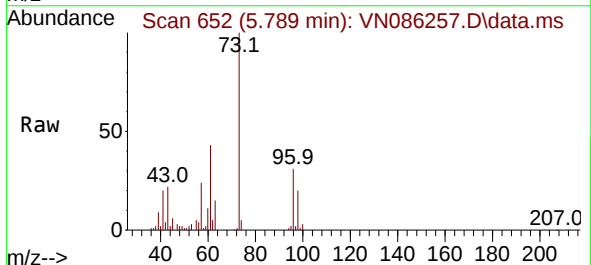
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

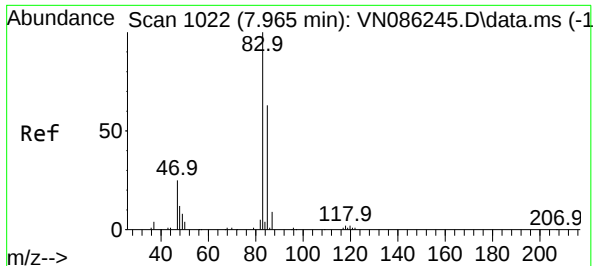
Tgt Ion: 59 Resp: 52600
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.980 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 73 Resp: 167022
Ion Ratio Lower Upper
73 100
43 20.5 16.8 25.2





#25

Chloroform

Concen: 19.034 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

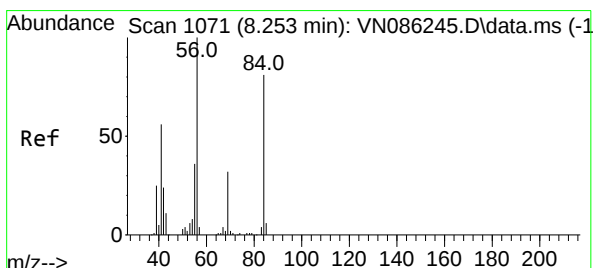
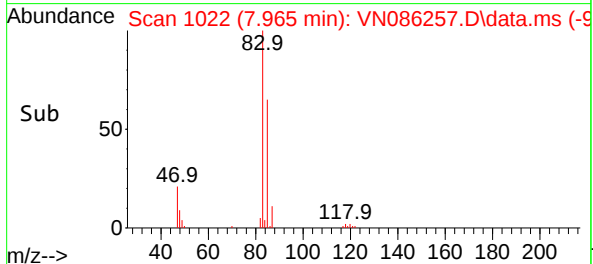
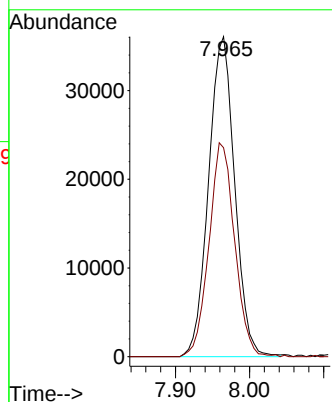
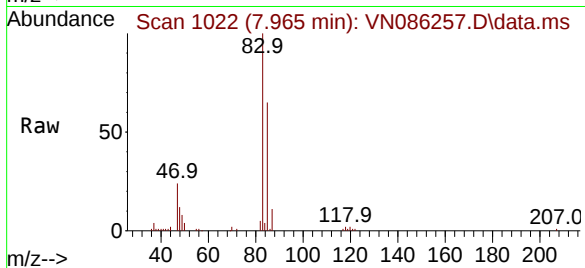
VSTDCCC020

Tgt Ion: 83 Resp: 88484

Ion Ratio Lower Upper

83 100

85 65.3 50.5 75.7



#26

Cyclohexane

Concen: 18.858 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

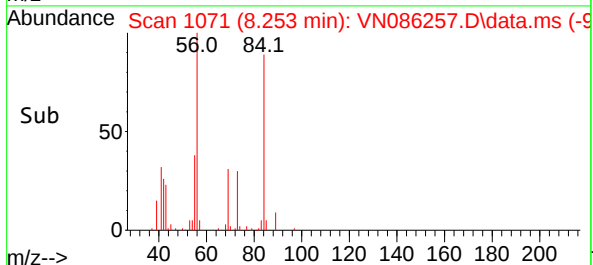
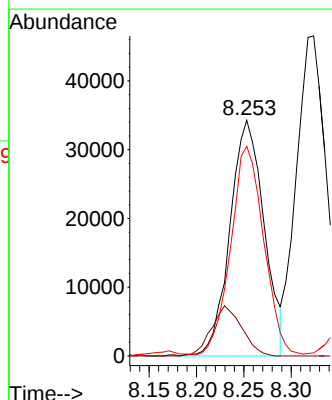
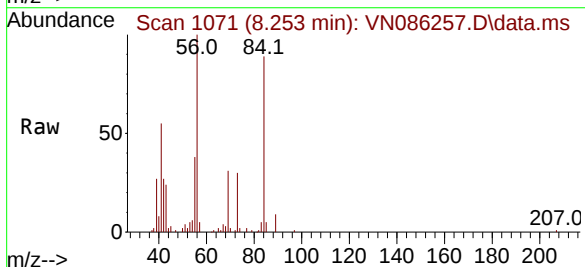
Tgt Ion: 56 Resp: 86005

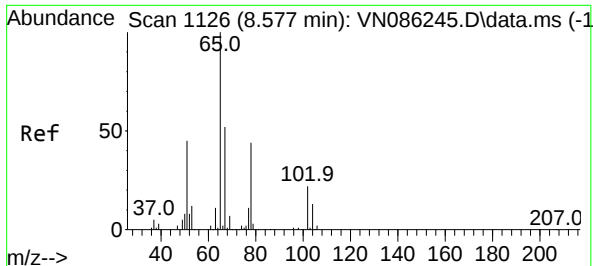
Ion Ratio Lower Upper

56 100

89 18.9 0.0 0.0#

84 86.5 69.0 103.4

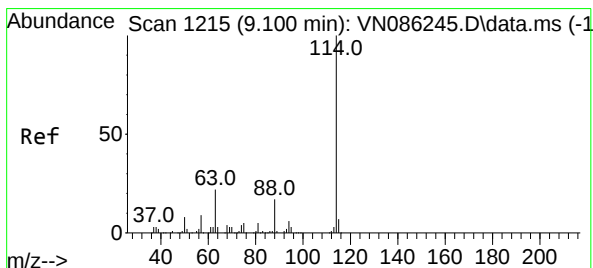
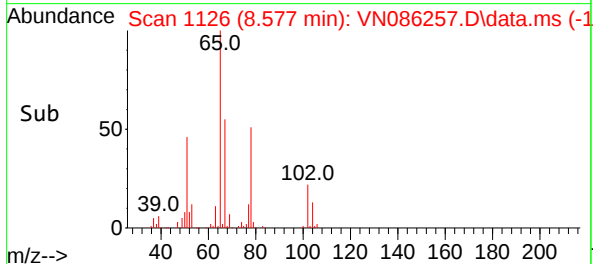
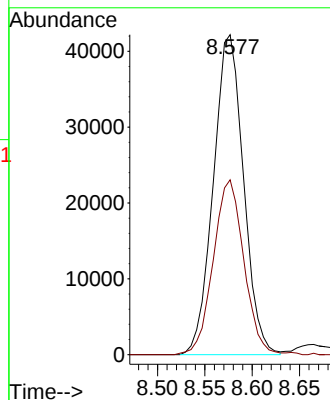
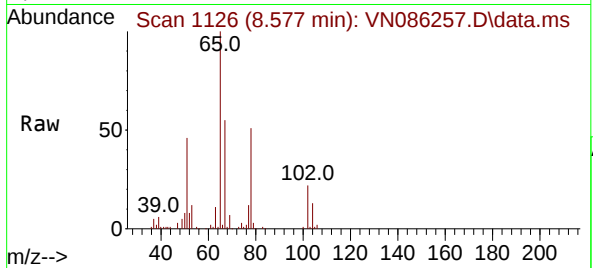




#27
 1,2-Dichloroethane-d4
 Concen: 29.943 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

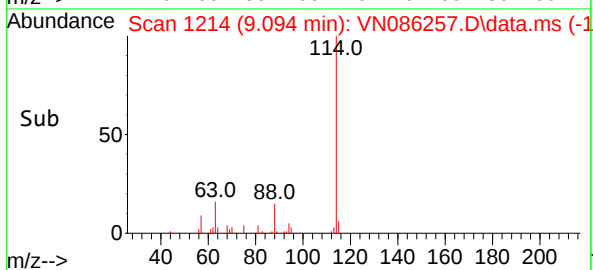
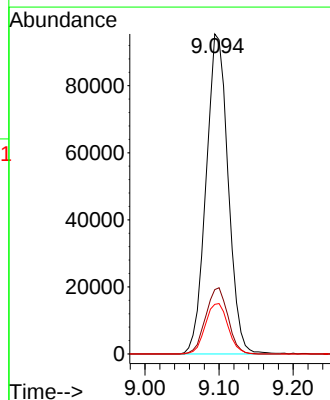
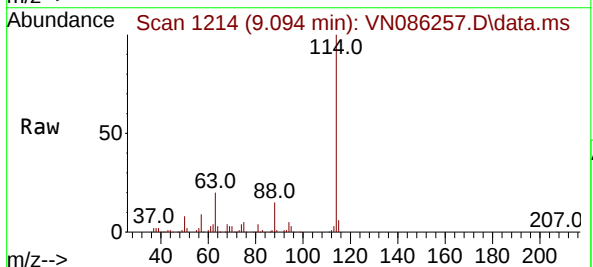
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

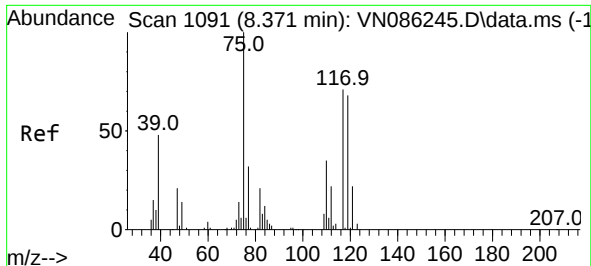
Tgt Ion: 65 Resp: 93528
 Ion Ratio Lower Upper
 65 100
 67 55.3 43.4 65.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

Tgt Ion: 114 Resp: 197357
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.8 26.6
 88 16.2 13.4 20.2

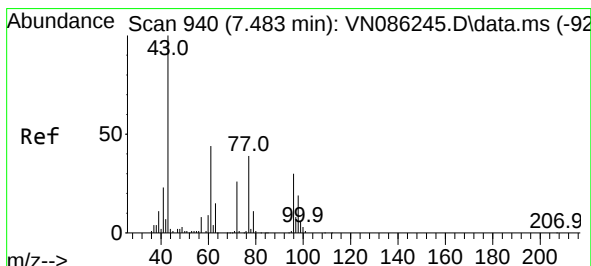
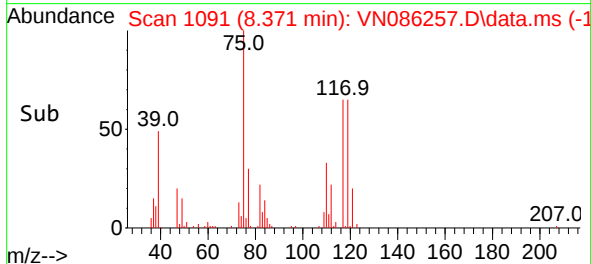
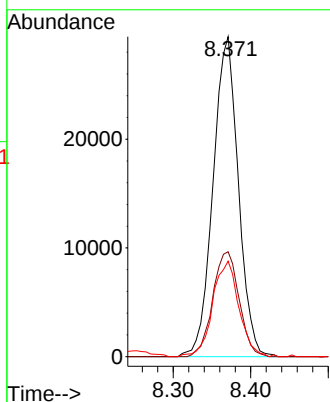
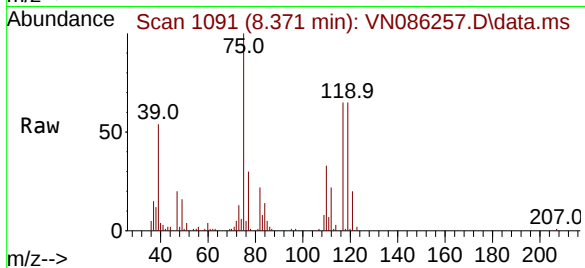




#29
1,1-Dichloropropene
Concen: 18.870 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

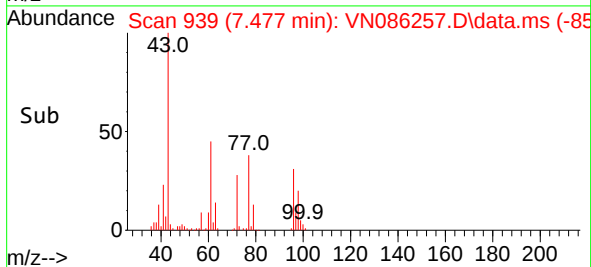
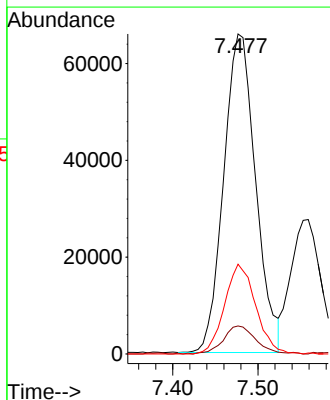
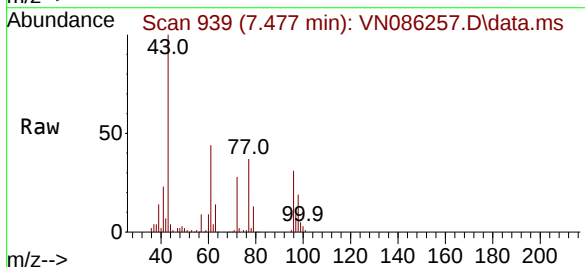
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

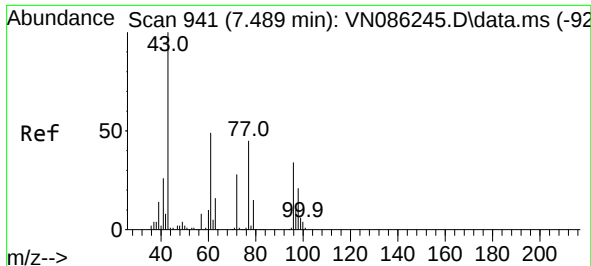
Tgt Ion: 75 Resp: 66713
Ion Ratio Lower Upper
75 100
110 34.1 0.0 68.6
77 30.9 0.0 63.8



#30
2-Butanone
Concen: 87.649 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 43 Resp: 171707
Ion Ratio Lower Upper
43 100
57 8.8 6.4 9.6
72 27.3 21.5 32.3

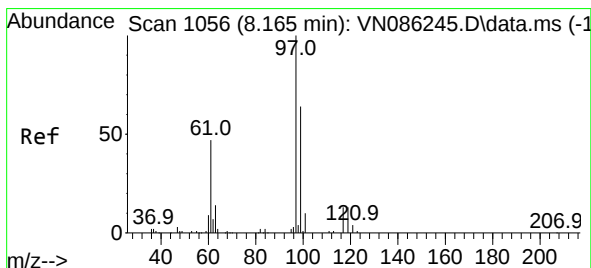
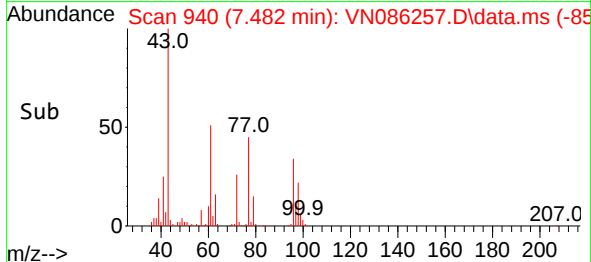
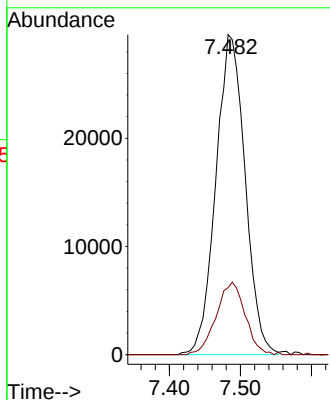
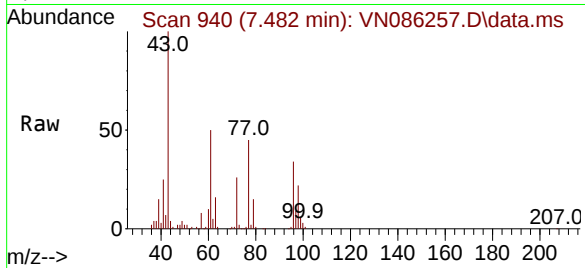




#31
2,2-Dichloropropane
Concen: 19.429 ug/l
RT: 7.482 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

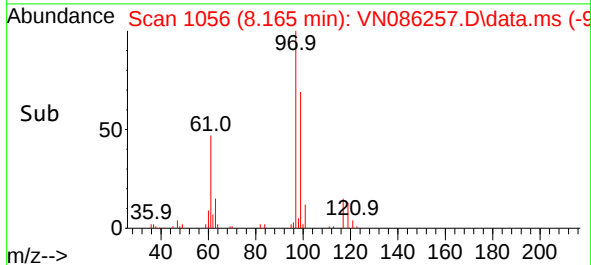
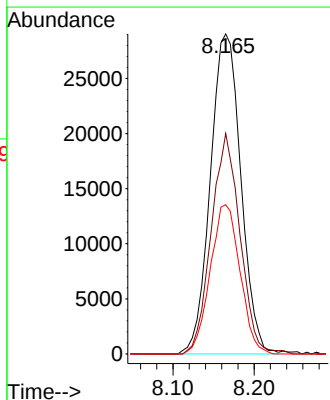
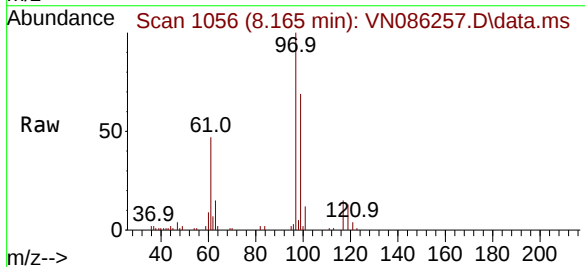
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

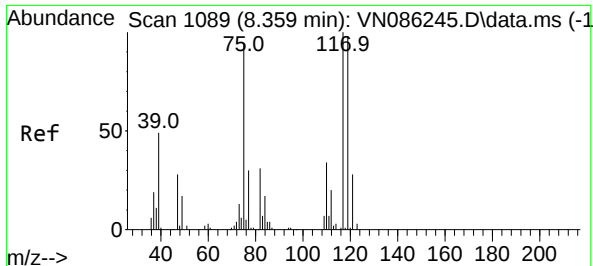
Tgt Ion: 77 Resp: 84554
Ion Ratio Lower Upper
77 100
97 22.4 18.8 28.2



#32
1,1,1-Trichloroethane
Concen: 18.645 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 97 Resp: 75829
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 45.5 37.0 55.6

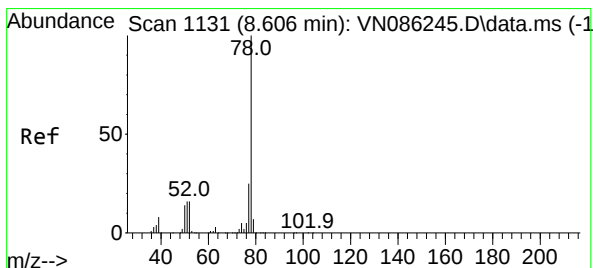
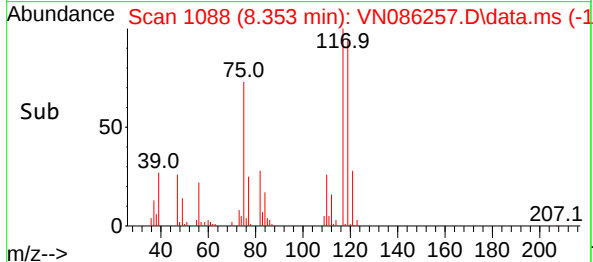
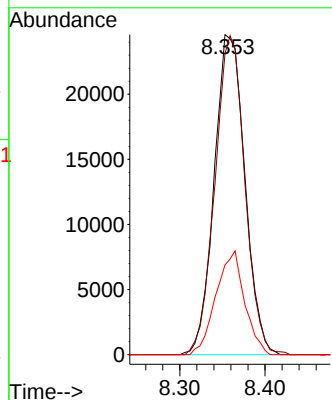
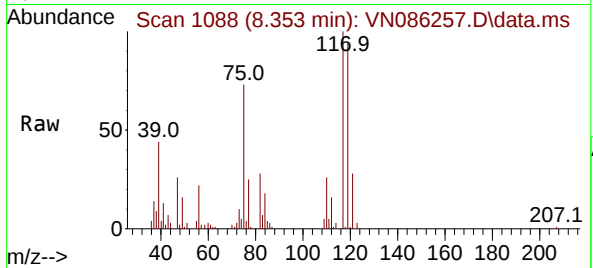




#33
Carbon Tetrachloride
Concen: 18.867 ug/l
RT: 8.353 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

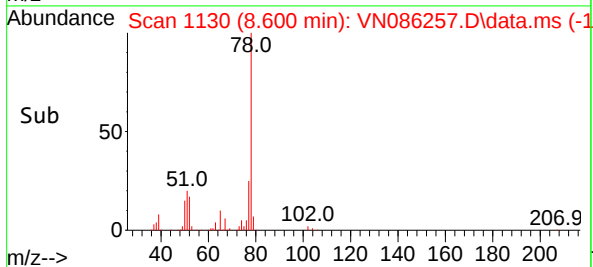
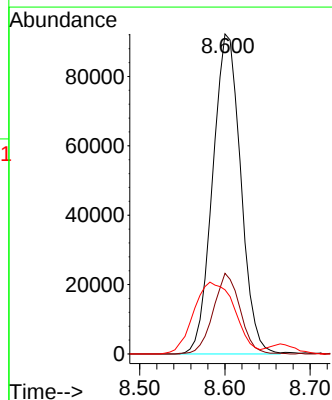
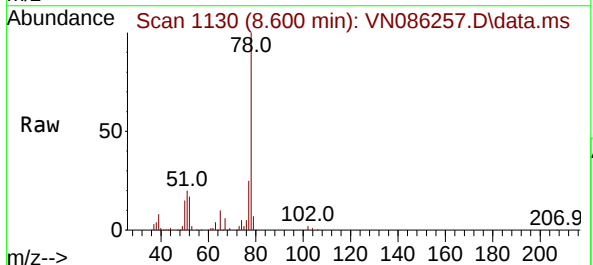
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

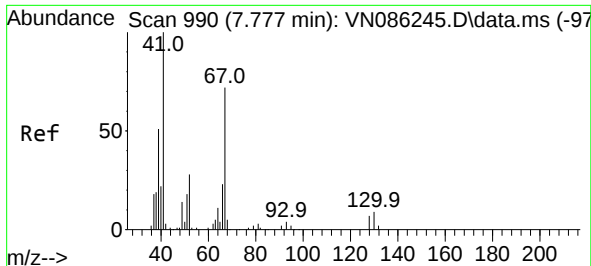
Tgt Ion:117 Resp: 61318
Ion Ratio Lower Upper
117 100
119 94.2 78.3 117.5
121 28.0 22.5 33.7



#34
Benzene
Concen: 18.775 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

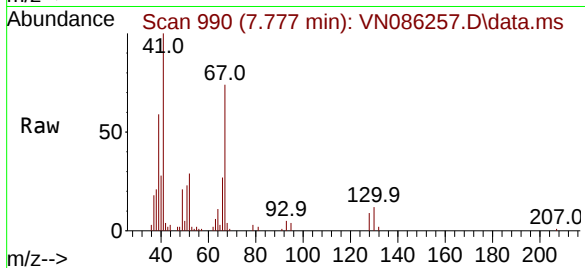
Tgt Ion: 78 Resp: 211172
Ion Ratio Lower Upper
78 100
77 25.0 20.0 30.0
51 16.9 12.9 19.3



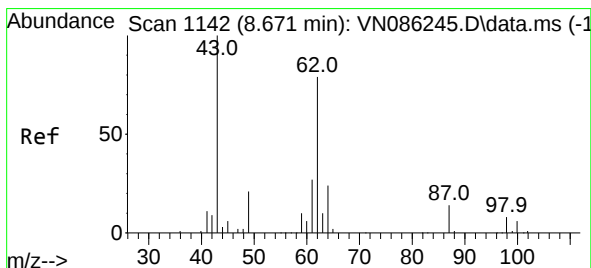
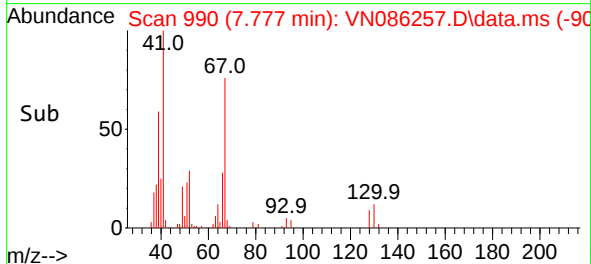
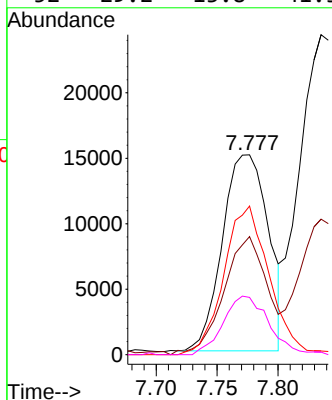


#35
Methacrylonitrile
Concen: 17.817 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

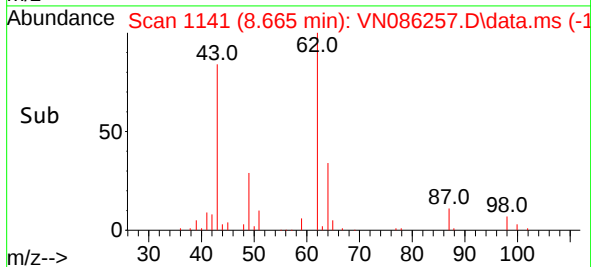
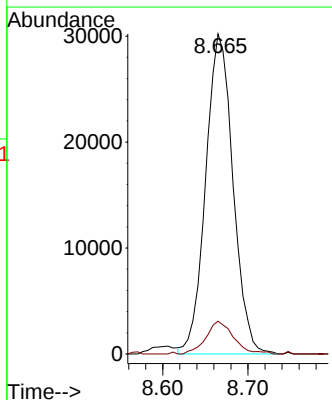
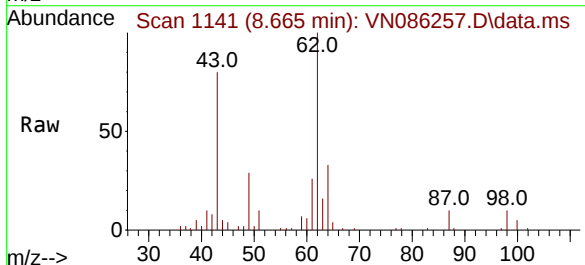


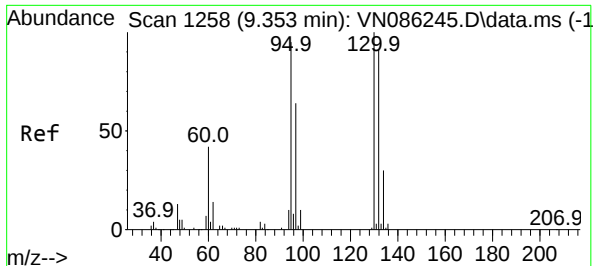
Tgt Ion:	41	Resp:	39350
Ion	Ratio	Lower	Upper
41	100		
39	58.0	25.8	77.3
67	75.8	36.0	108.0
52	29.2	13.8	41.3



#36
1,2-Dichloroethane
Concen: 19.155 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:	62	Resp:	67422
Ion	Ratio	Lower	Upper
62	100		
98	10.2	8.6	12.8





#37

Trichloroethene

Concen: 19.222 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

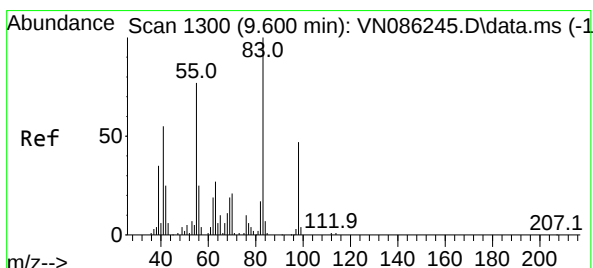
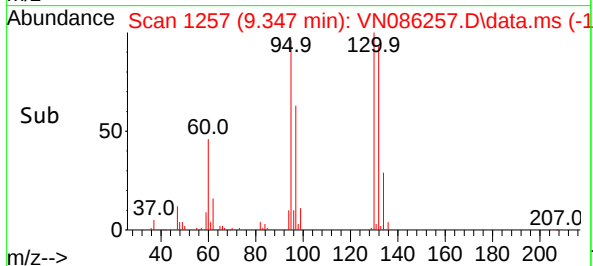
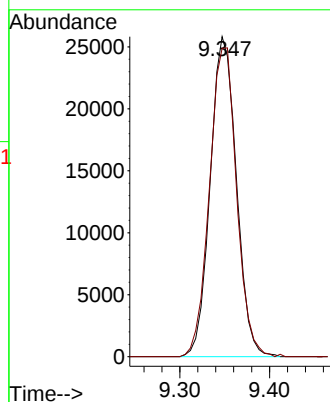
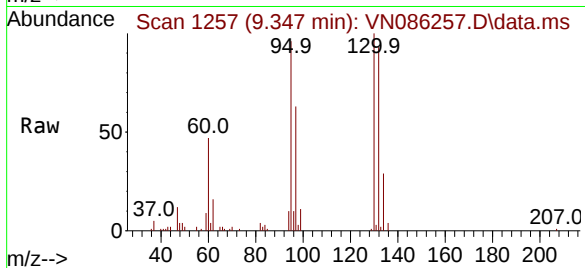
VSTDCCC020

Tgt Ion:130 Resp: 52165

Ion Ratio Lower Upper

130 100

95 96.3 76.4 114.6



#38

Methylcyclohexane

Concen: 18.783 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

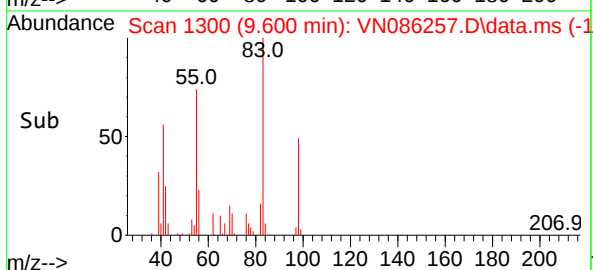
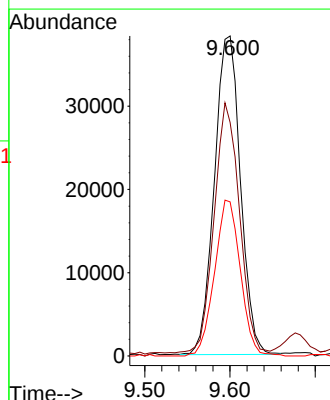
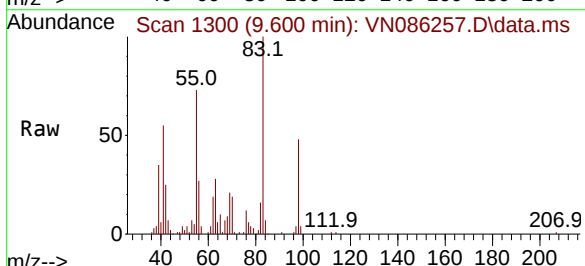
Tgt Ion: 83 Resp: 81444

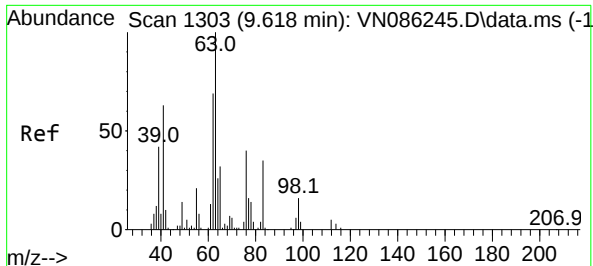
Ion Ratio Lower Upper

83 100

55 76.4 38.5 115.5

98 48.4 24.4 73.2





#39

1,2-Dichloropropane

Concen: 18.907 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

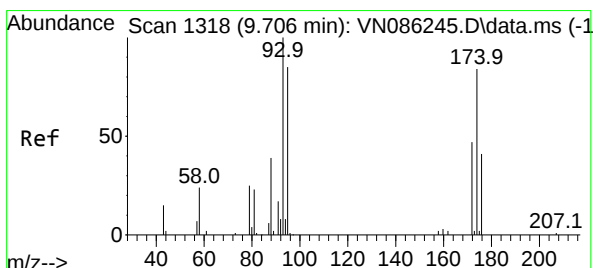
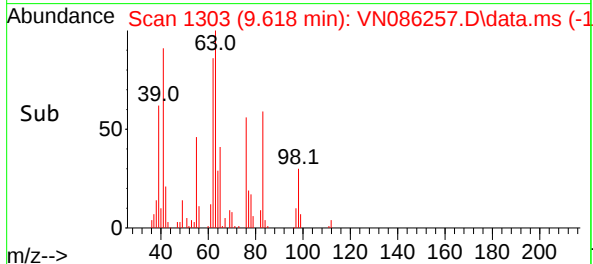
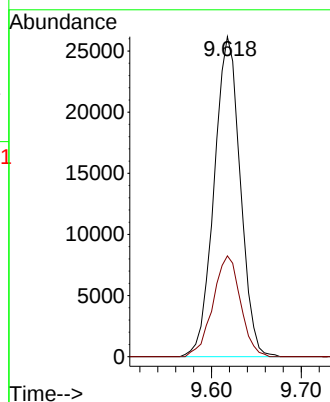
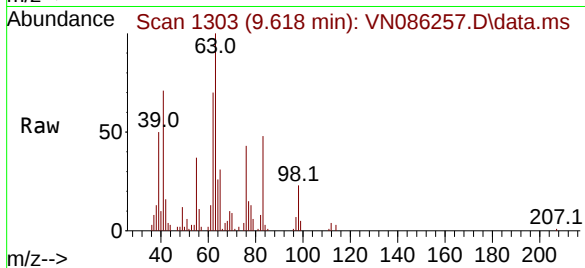
VSTDCCC020

Tgt Ion: 63 Resp: 52917

Ion Ratio Lower Upper

63 100

65 31.5 26.0 39.0



#40

Dibromomethane

Concen: 18.422 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

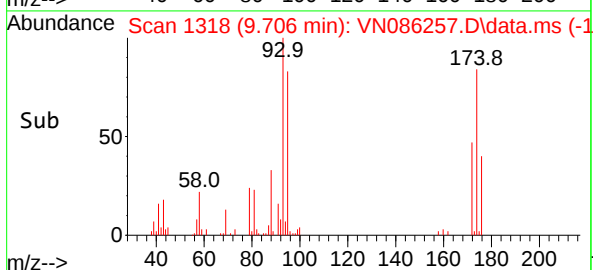
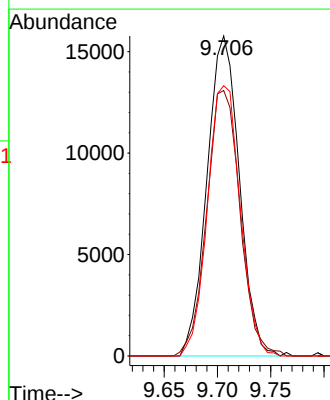
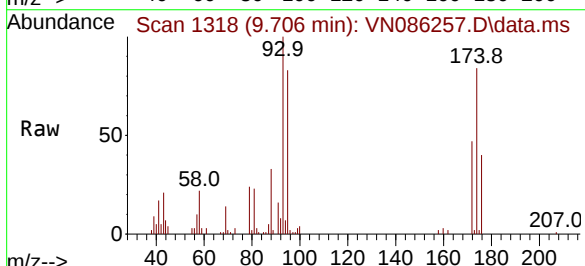
Tgt Ion: 93 Resp: 33301

Ion Ratio Lower Upper

93 100

95 85.4 0.0 169.0

174 85.6 0.0 168.0

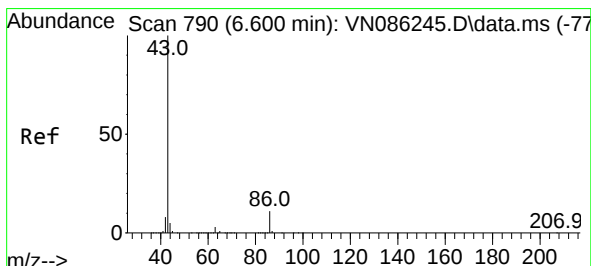
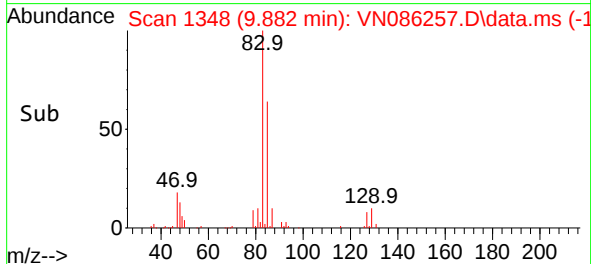
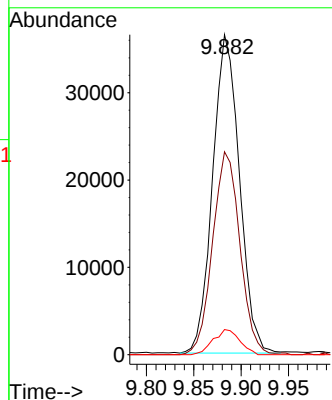
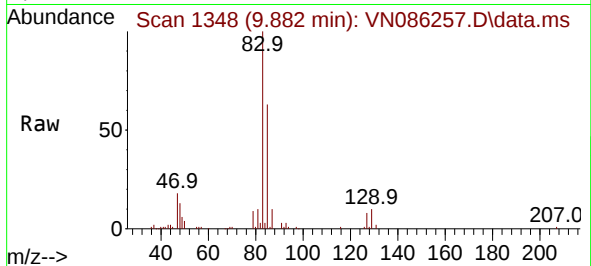




#41
Bromodichloromethane
Concen: 18.478 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

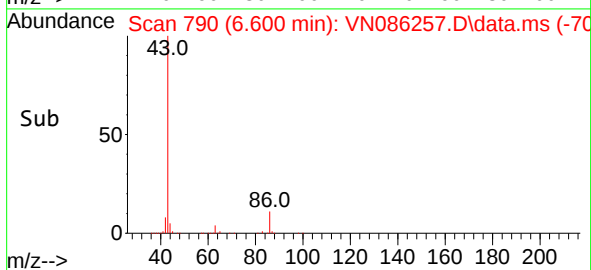
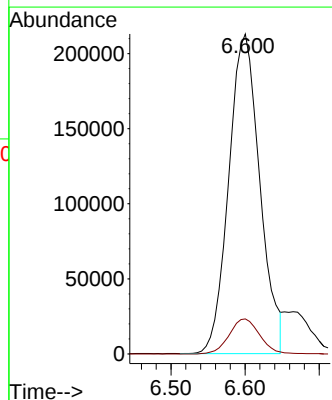
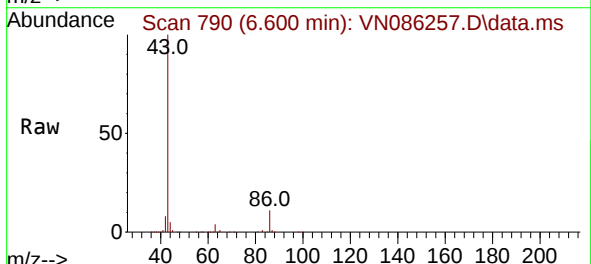
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

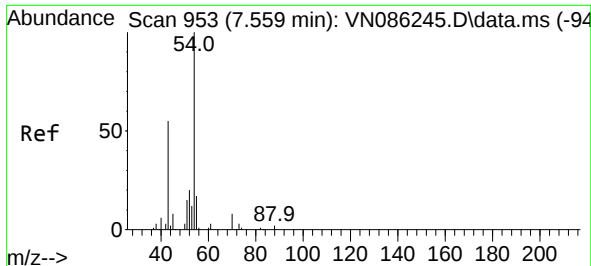
Tgt Ion: 83 Resp: 71754
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.2
127 7.9 6.2 9.4



#42
Vinyl Acetate
Concen: 93.065 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 43 Resp: 620604
Ion Ratio Lower Upper
43 100
86 10.8 8.4 12.6

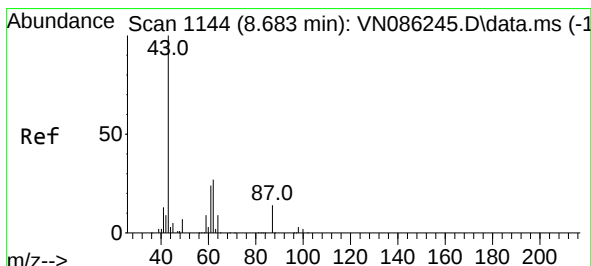
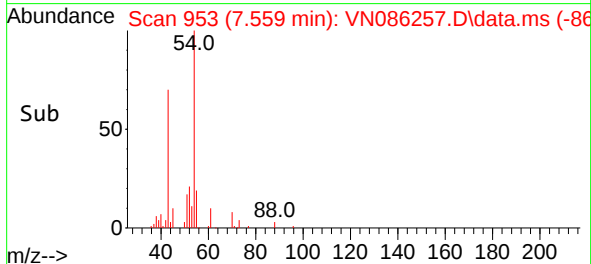
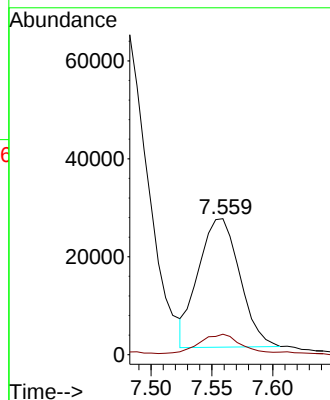
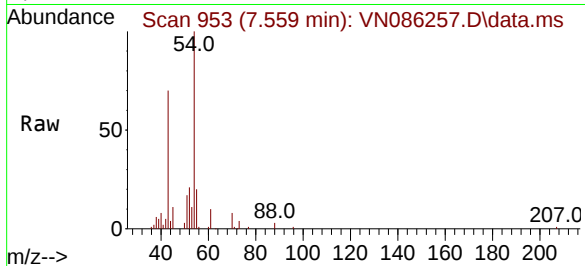




#43
Ethyl Acetate
Concen: 15.712 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

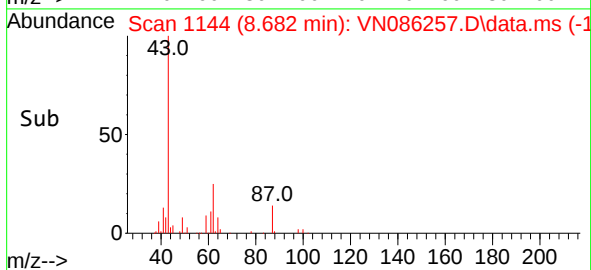
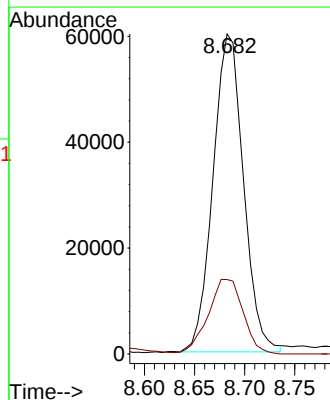
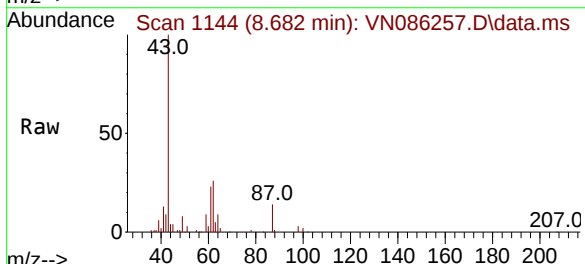
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

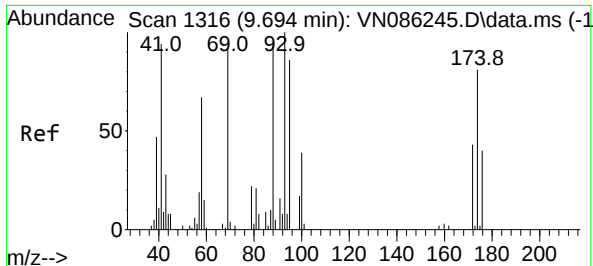
Tgt Ion: 43 Resp: 62086
Ion Ratio Lower Upper
43 100
45 16.8 11.2 16.8



#44
Isopropyl Acetate
Concen: 17.314 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 43 Resp: 126923
Ion Ratio Lower Upper
43 100
61 27.0 20.5 30.7





#45

1,4-Dioxane

Concen: 364.534 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.006 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

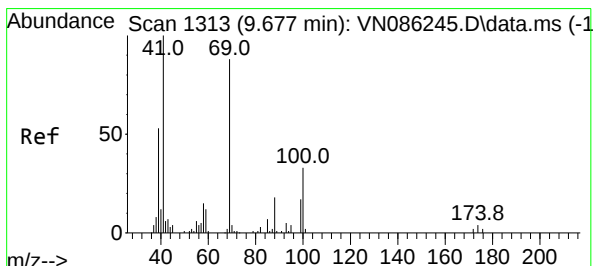
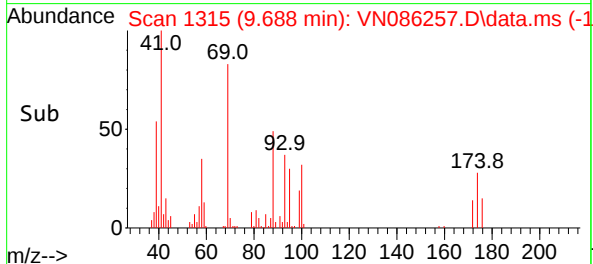
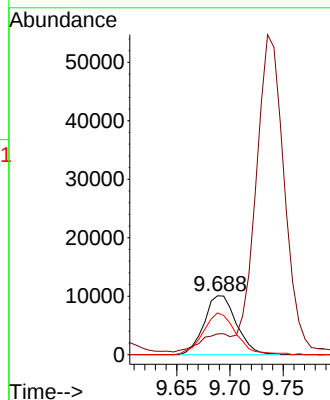
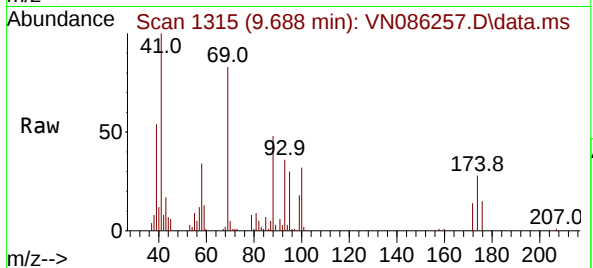
Tgt Ion: 88 Resp: 21249

Ion Ratio Lower Upper

88 100

43 28.8 14.4 21.6#

58 71.8 59.8 89.8



#46

Methyl methacrylate

Concen: 18.242 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

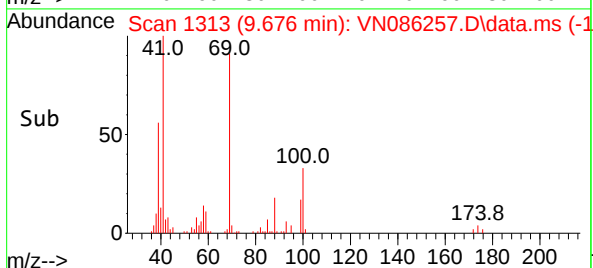
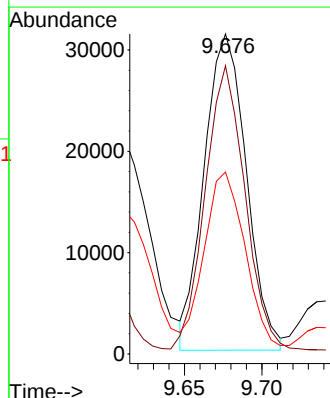
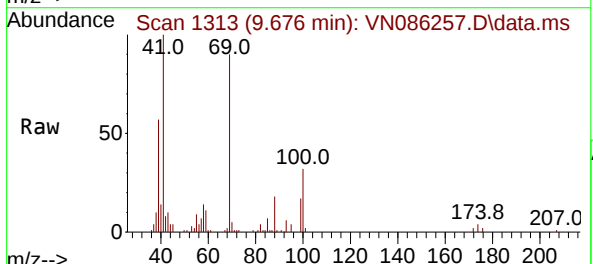
Tgt Ion: 41 Resp: 58920

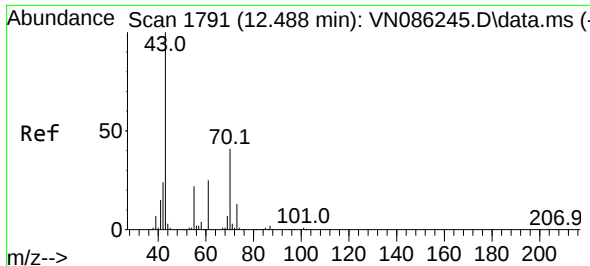
Ion Ratio Lower Upper

41 100

69 91.1 43.2 129.6

39 57.0 26.4 79.0

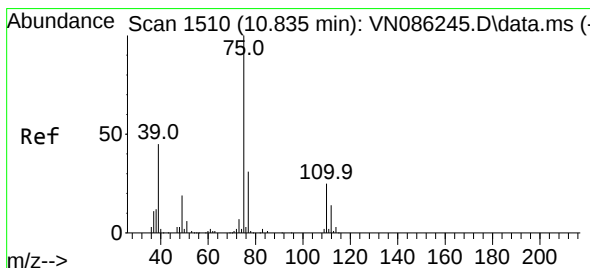
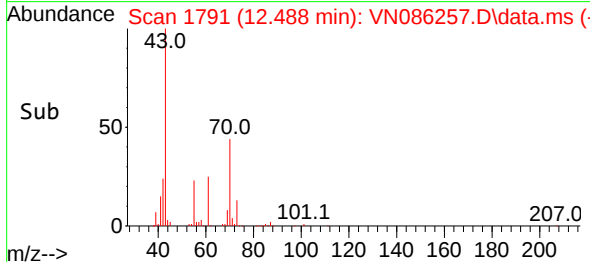
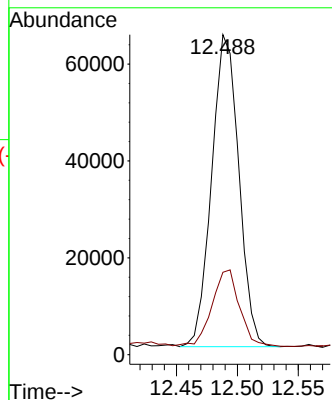
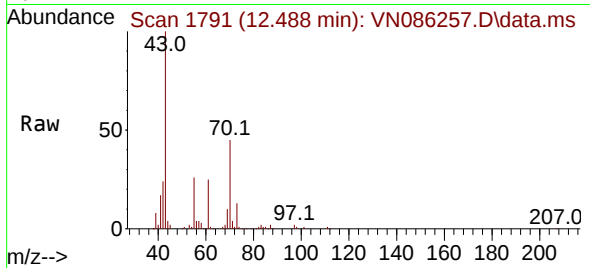




#47
n-amyl acetate
Concen: 17.197 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

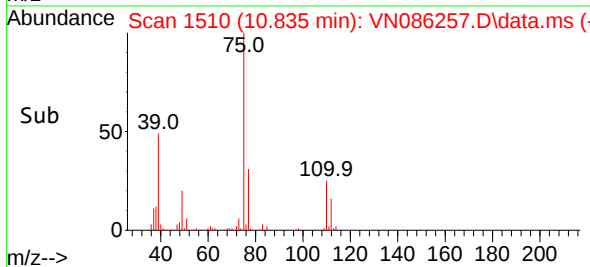
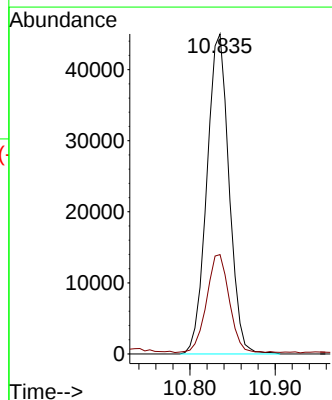
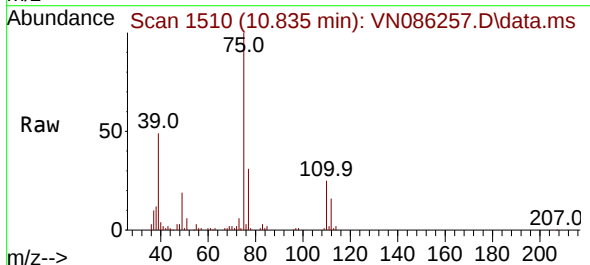
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

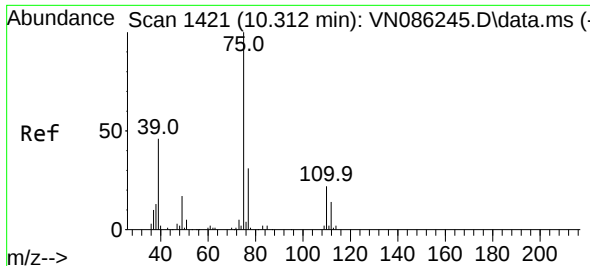
Tgt Ion: 43 Resp: 99949
Ion Ratio Lower Upper
43 100
55 24.4 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 18.586 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 75 Resp: 81596
Ion Ratio Lower Upper
75 100
77 30.5 25.1 37.7

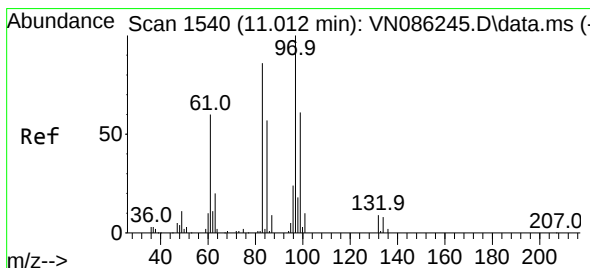
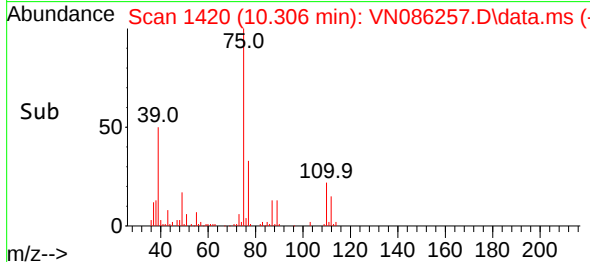
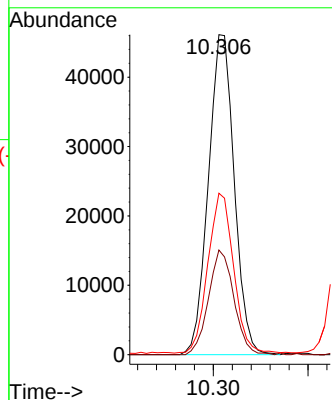
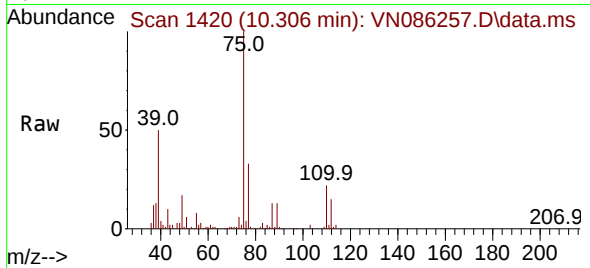




#49
cis-1,3-Dichloropropene
Concen: 18.832 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

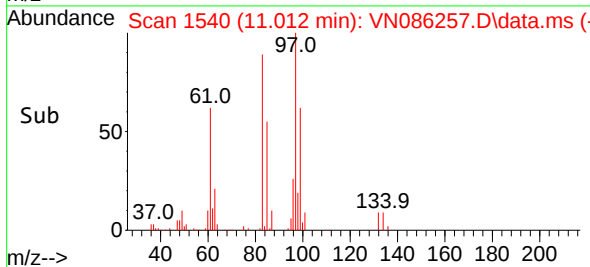
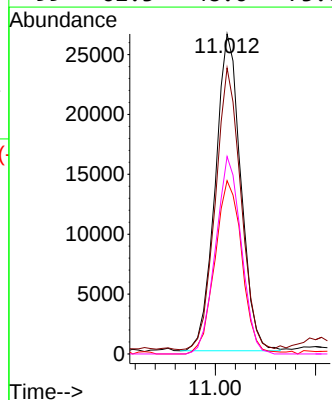
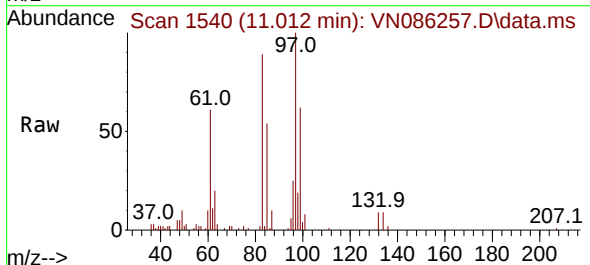
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

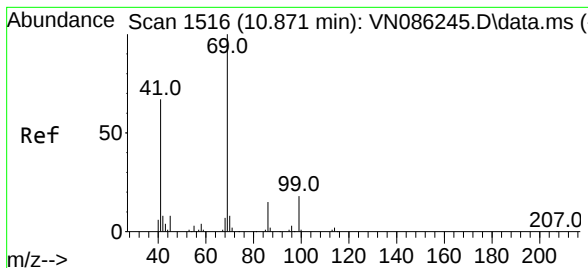
Tgt Ion: 75 Resp: 87501
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4
39 49.8 36.7 55.1



#50
1,1,2-Trichloroethane
Concen: 18.457 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 97 Resp: 46793
Ion Ratio Lower Upper
97 100
83 89.0 68.6 103.0
85 54.7 45.9 68.9
99 62.3 48.6 73.0

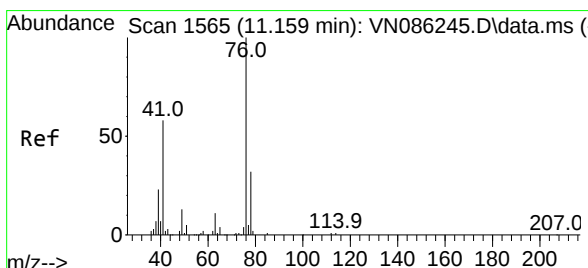
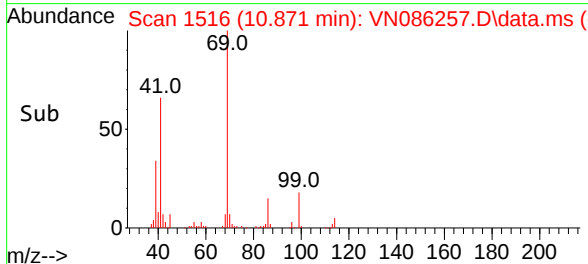
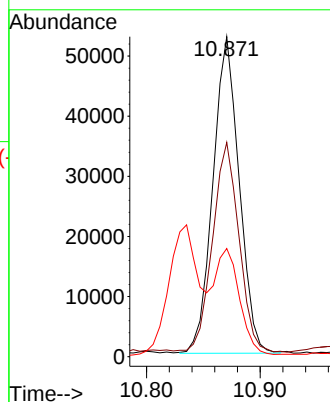
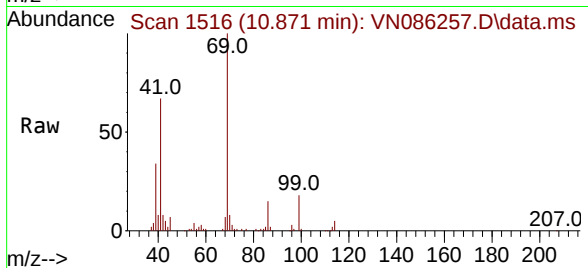




#51
Ethyl methacrylate
Concen: 17.910 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

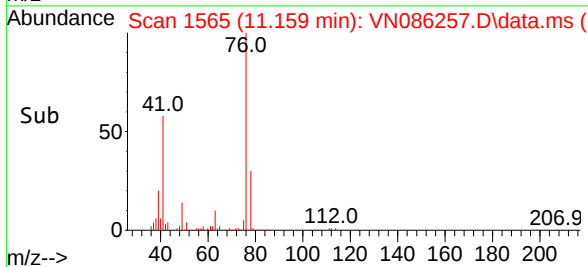
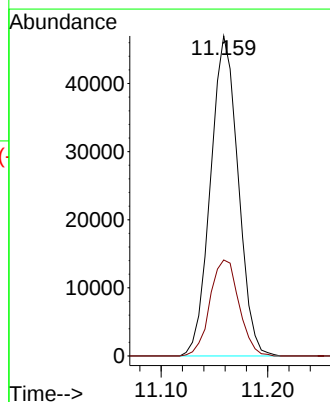
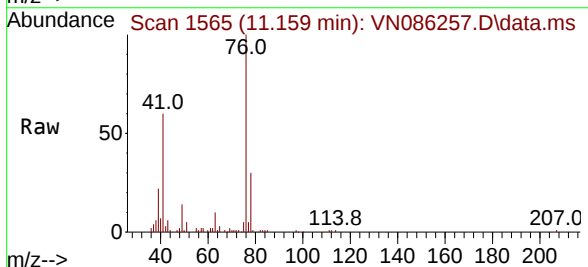
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

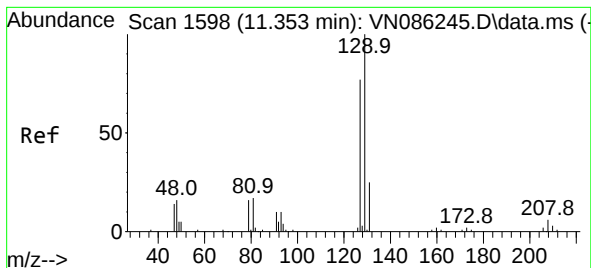
Tgt Ion: 69 Resp: 84381
Ion Ratio Lower Upper
69 100
41 66.2 33.6 100.6
39 33.5 17.8 53.4



#52
1,3-Dichloropropane
Concen: 18.712 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 76 Resp: 84556
Ion Ratio Lower Upper
76 100
78 31.5 0.0 64.6





#53

Dibromochloromethane

Concen: 18.691 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

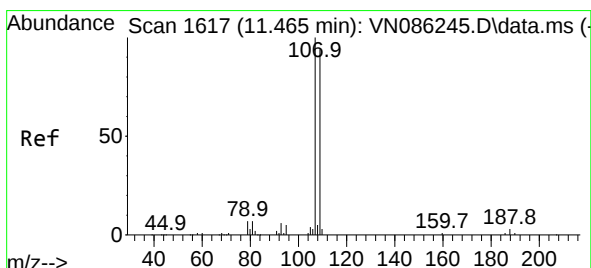
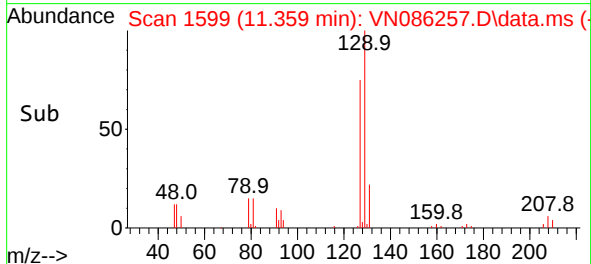
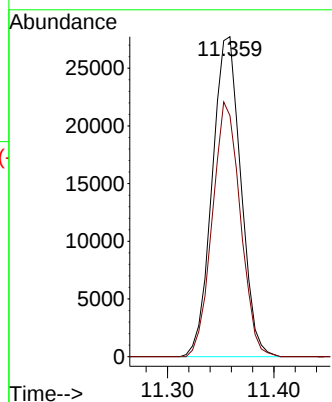
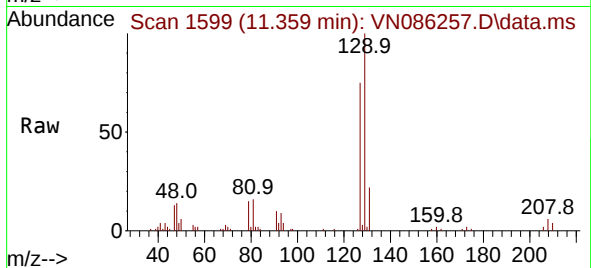
VSTDCCC020

Tgt Ion:129 Resp: 51833

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.5



#54

1,2-Dibromoethane

Concen: 18.482 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN086257.D

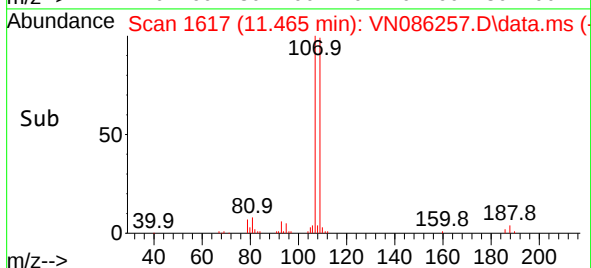
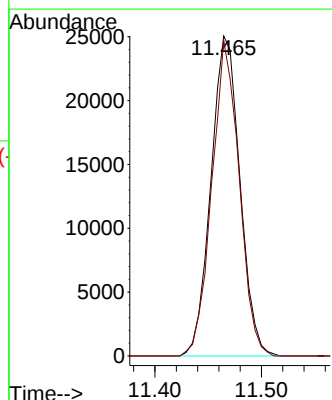
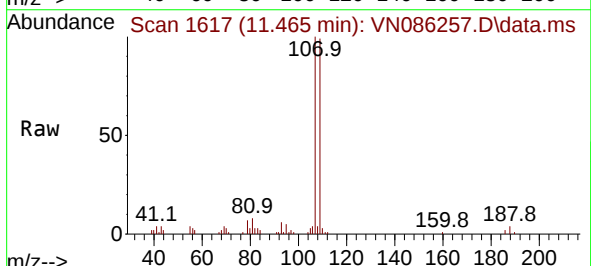
Acq: 14 Apr 2025 09:48

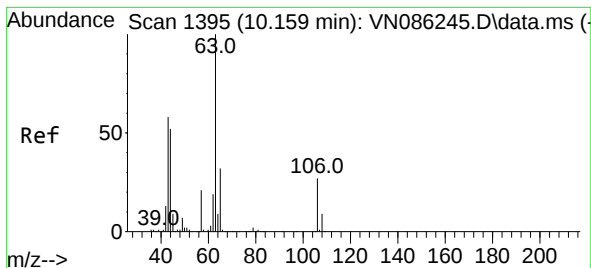
Tgt Ion:107 Resp: 47300

Ion Ratio Lower Upper

107 100

109 92.9 75.2 112.8

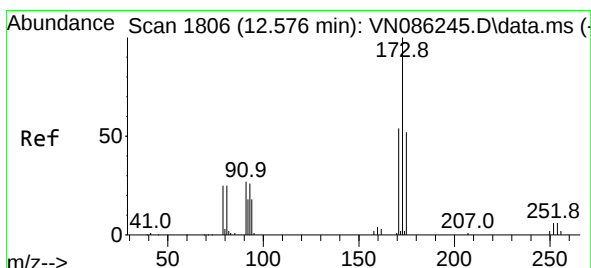
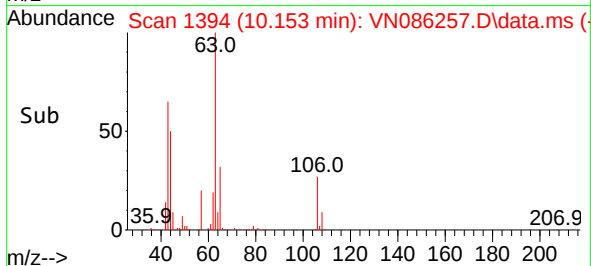
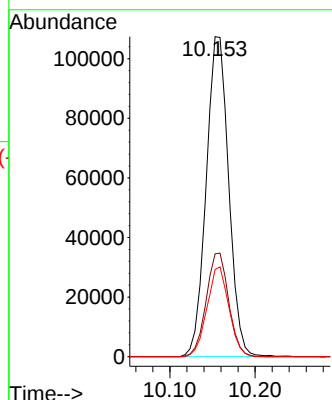
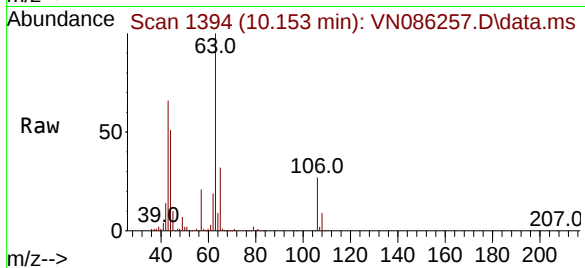




#55
2-Chloroethyl vinyl ether
Concen: 110.673 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

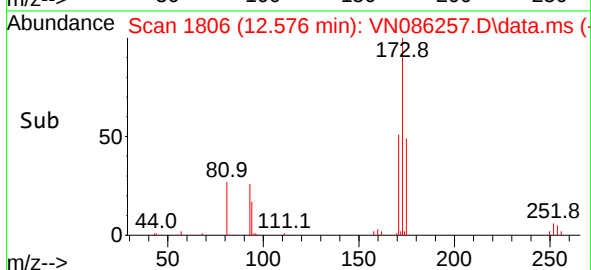
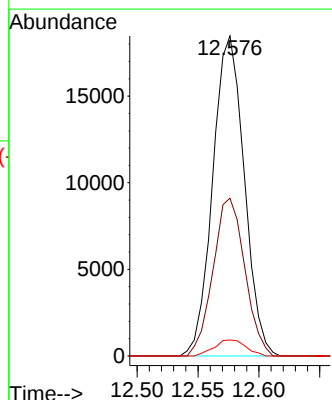
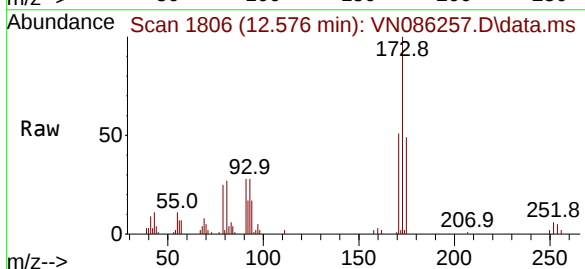
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

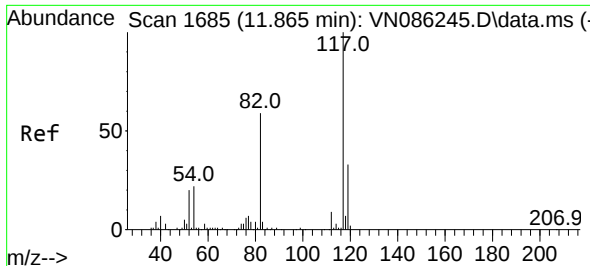
Tgt Ion: 63 Resp: 197031
Ion Ratio Lower Upper
63 100
65 32.2 25.8 38.8
106 27.3 21.8 32.8



#56
Bromoform
Concen: 18.314 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:173 Resp: 33228
Ion Ratio Lower Upper
173 100
175 49.7 38.2 57.4
254 5.1 4.5 6.7

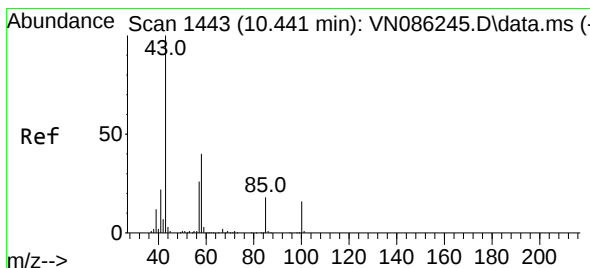
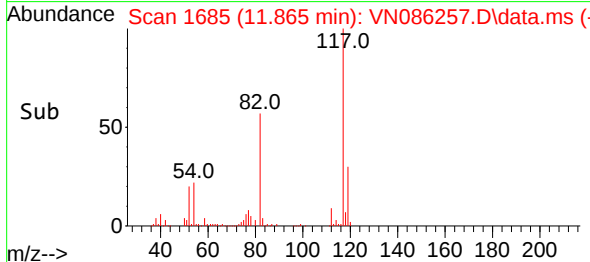
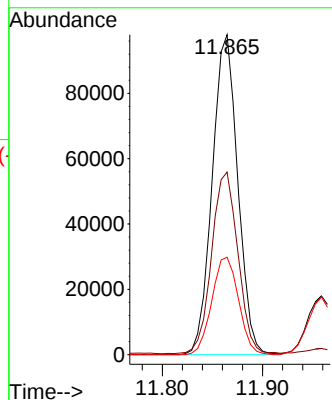
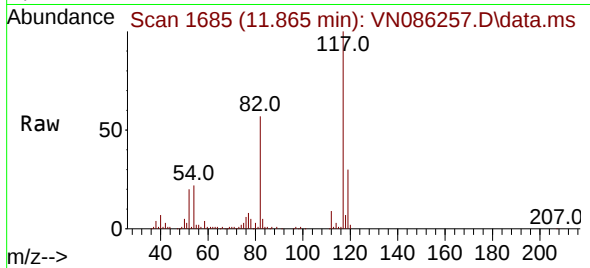




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

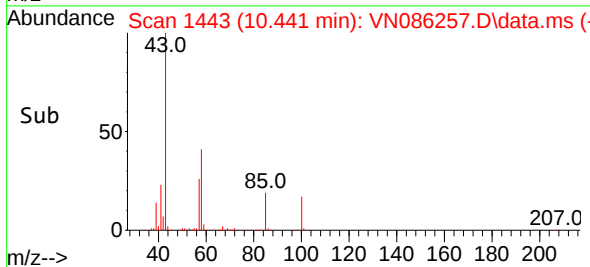
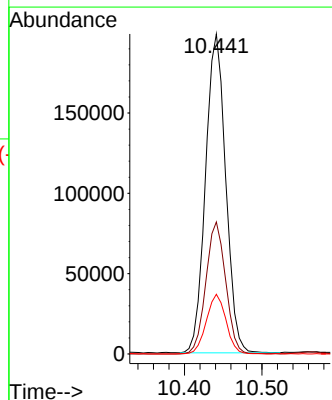
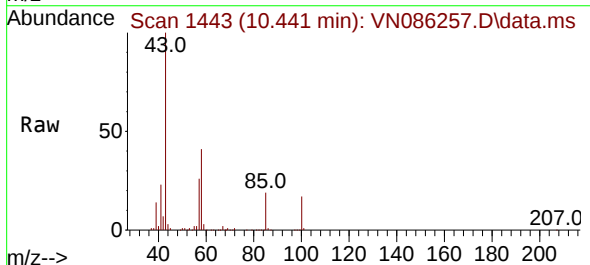
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

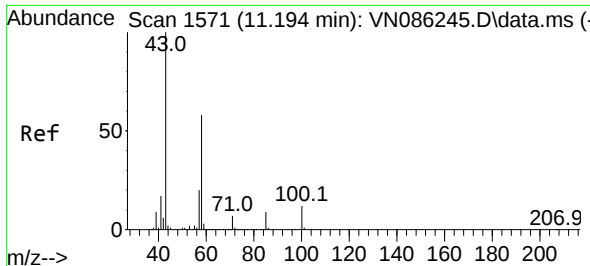
Tgt Ion:117 Resp: 173474
Ion Ratio Lower Upper
117 100
82 58.2 47.3 70.9
119 31.8 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 91.099 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 43 Resp: 358624
Ion Ratio Lower Upper
43 100
58 40.6 32.5 48.7
85 18.3 14.4 21.6

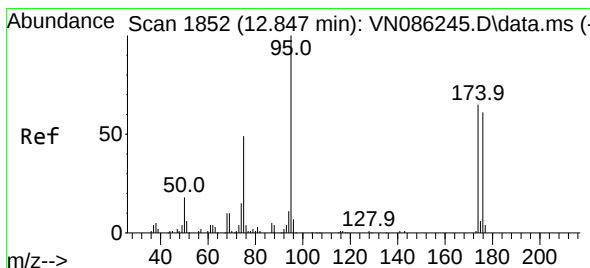
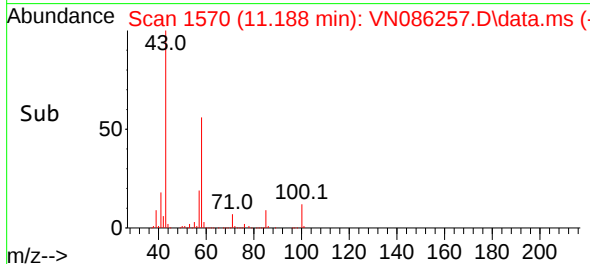
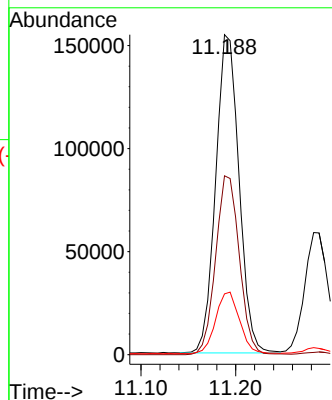
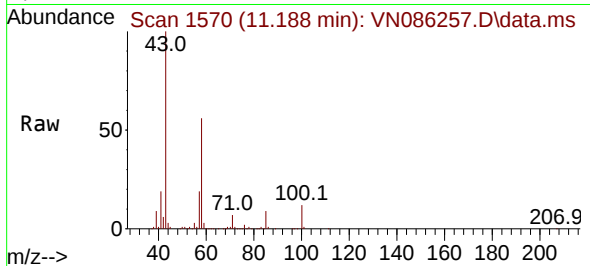




#59
2-Hexanone
Concen: 90.316 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

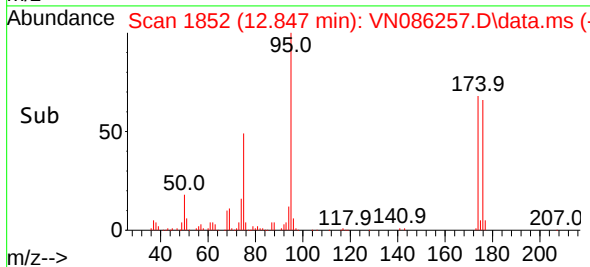
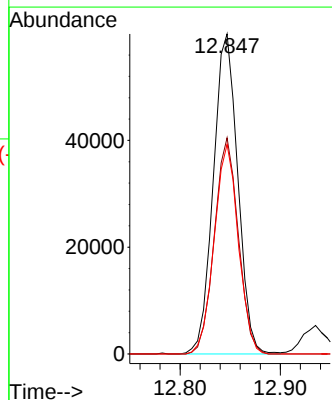
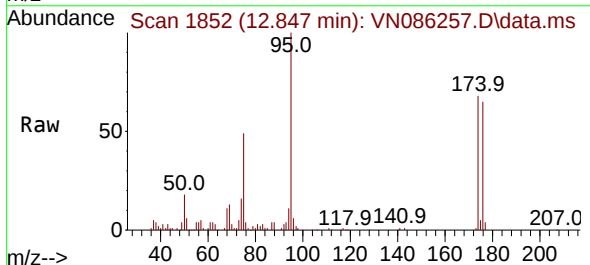
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ClientSampleId :
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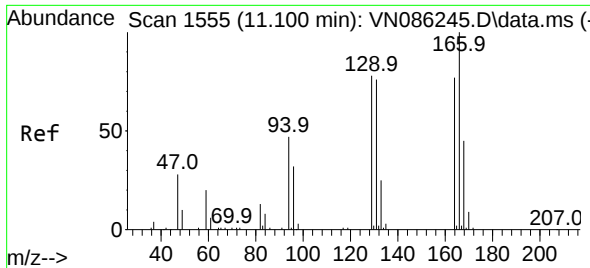
Tgt Ion: 43 Resp: 264746
Ion Ratio Lower Upper
43 100
58 57.1 45.3 67.9
57 19.6 15.8 23.6



#60
4-Bromofluorobenzene
Concen: 29.439 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 95 Resp: 101678
Ion Ratio Lower Upper
95 100
174 66.0 52.7 79.1
176 64.3 49.8 74.8

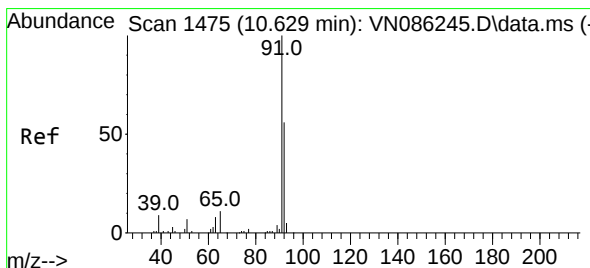
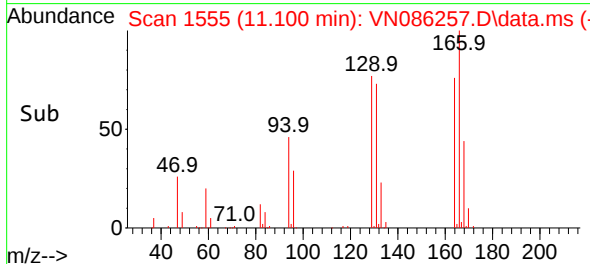
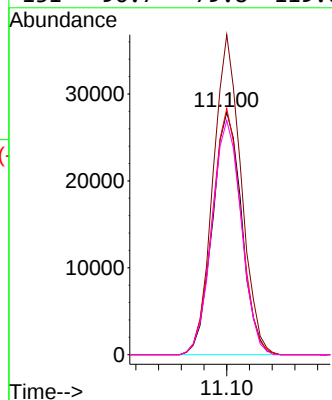
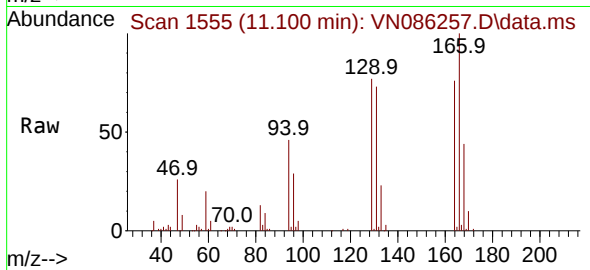




#61
Tetrachloroethene
Concen: 19.384 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

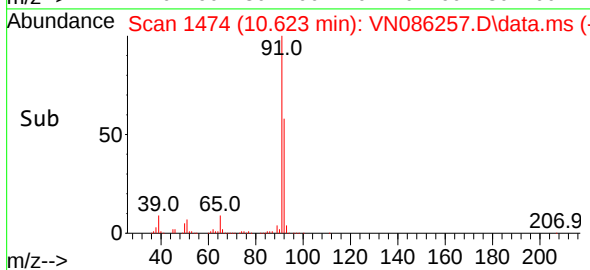
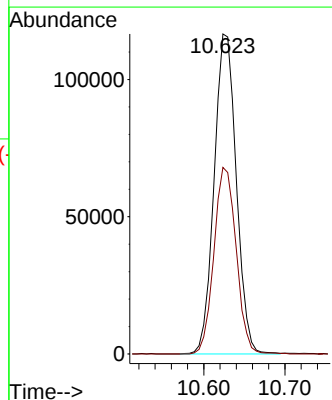
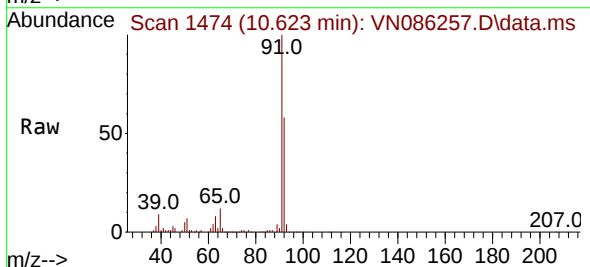
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

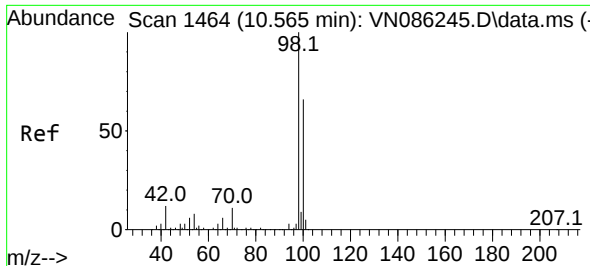
Tgt Ion:164 Resp: 49659
Ion Ratio Lower Upper
164 100
166 132.1 104.5 156.7
129 101.6 81.7 122.5
131 96.7 79.8 119.6



#62
Toluene
Concen: 19.032 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 91 Resp: 221443
Ion Ratio Lower Upper
91 100
92 58.3 46.8 70.2

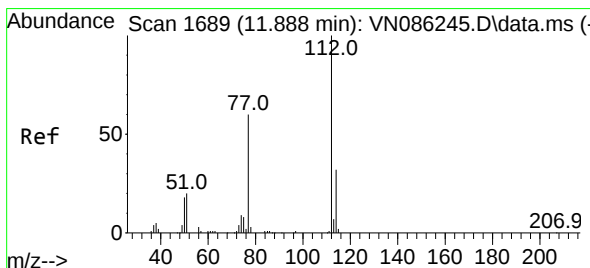
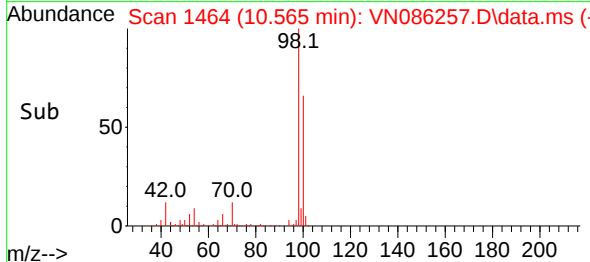
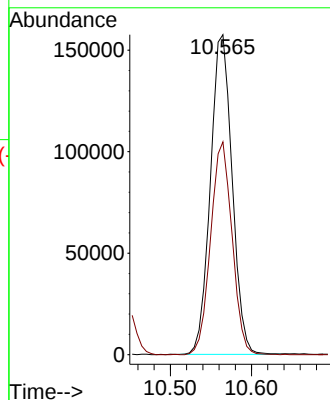
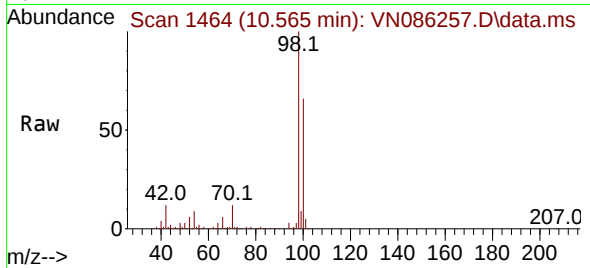




#63
Toluene-d8
Concen: 29.915 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

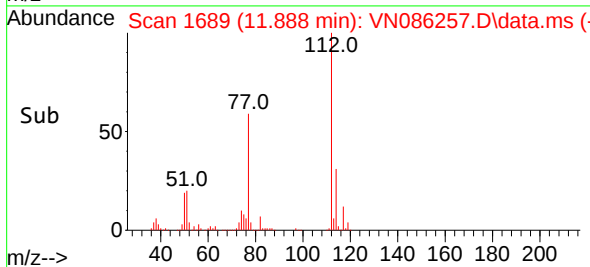
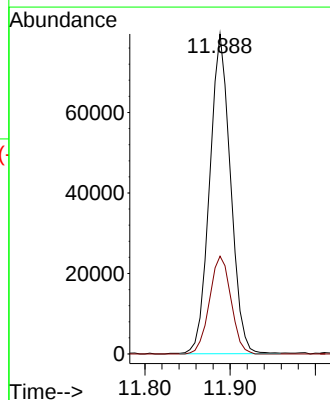
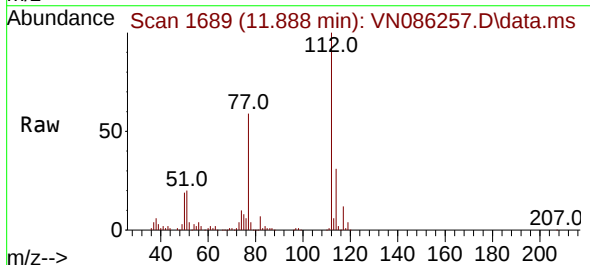
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

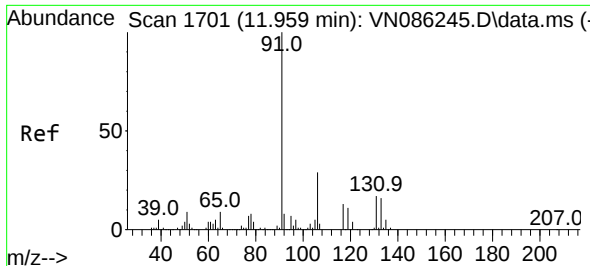
Tgt Ion: 98 Resp: 292978
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#64
Chlorobenzene
Concen: 19.013 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 112 Resp: 135157
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.6

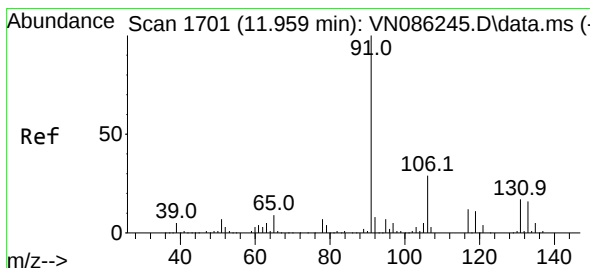
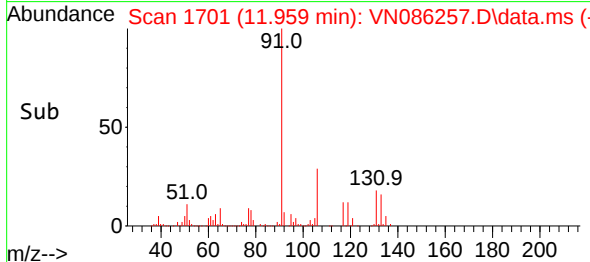
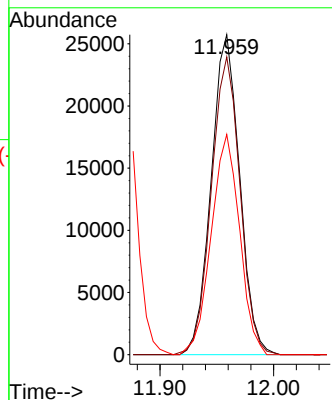
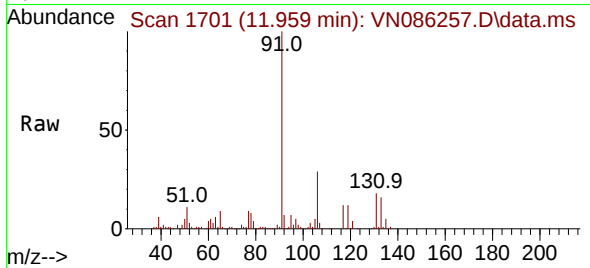




#65
1,1,1,2-Tetrachloroethane
Concen: 19.109 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

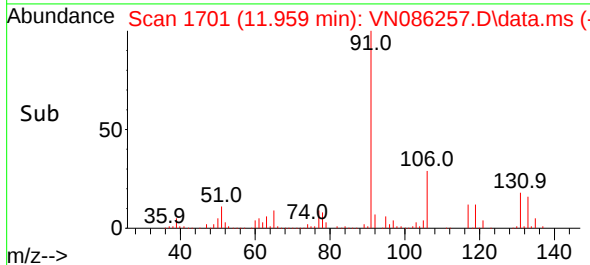
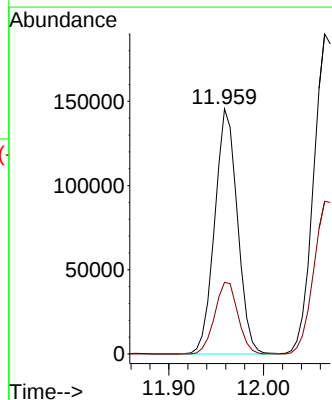
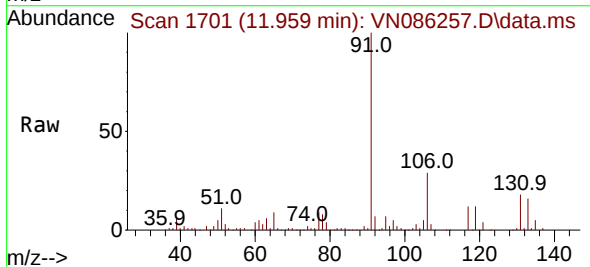
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

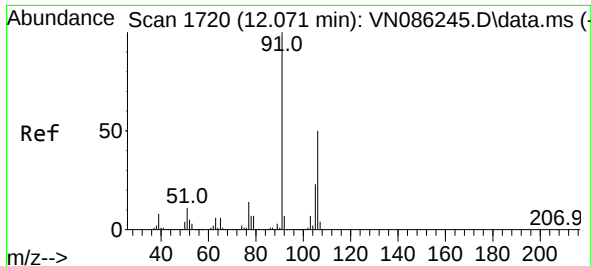
Tgt Ion:131 Resp: 44831
Ion Ratio Lower Upper
131 100
133 93.7 0.0 190.4
119 68.6 0.0 135.6



#66
Ethyl Benzene
Concen: 18.804 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 91 Resp: 242647
Ion Ratio Lower Upper
91 100
106 29.3 23.4 35.0

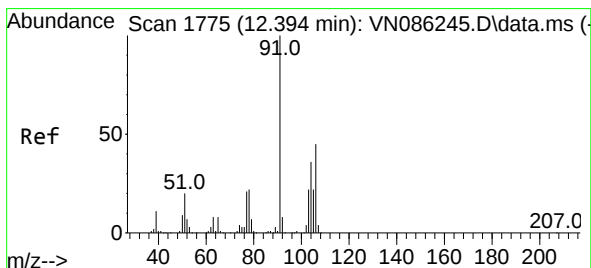
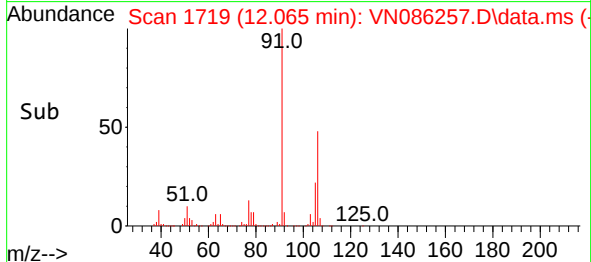
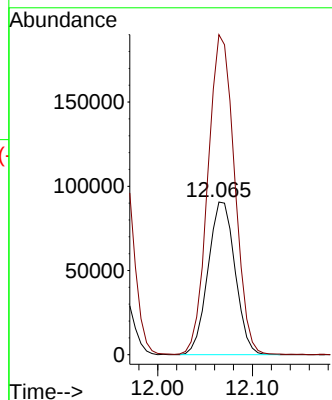
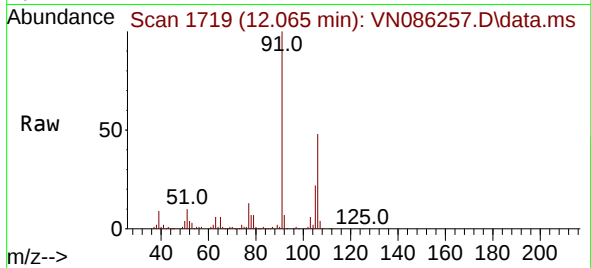




#67
m/p-Xylenes
Concen: 37.610 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

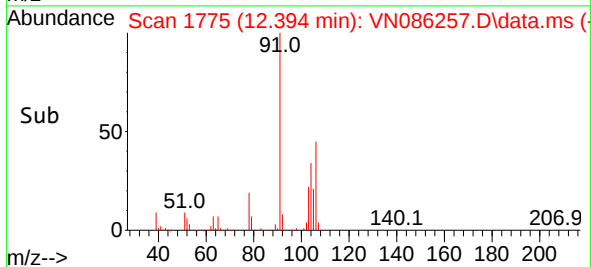
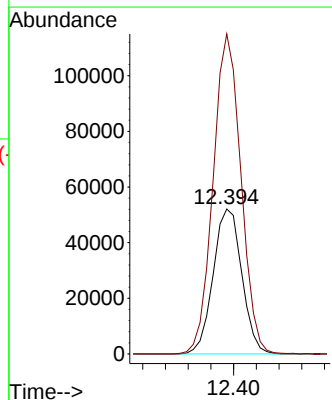
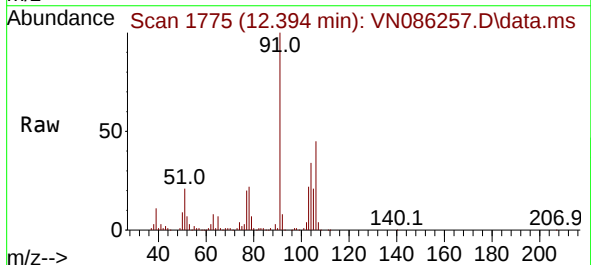
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

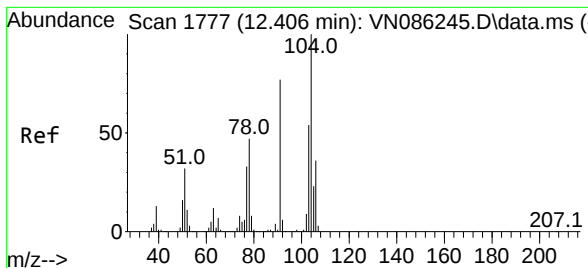
Tgt Ion:106 Resp: 180457
Ion Ratio Lower Upper
106 100
91 205.9 164.5 246.7



#68
o-Xylene
Concen: 19.296 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:106 Resp: 91065
Ion Ratio Lower Upper
106 100
91 214.7 109.8 329.4





#69

Styrene

Concen: 18.708 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

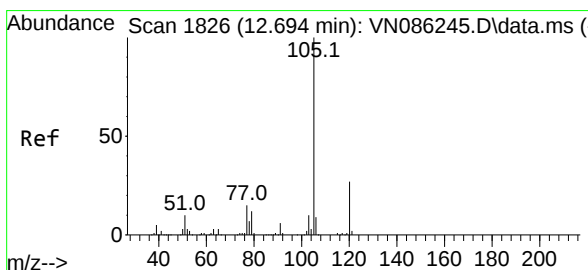
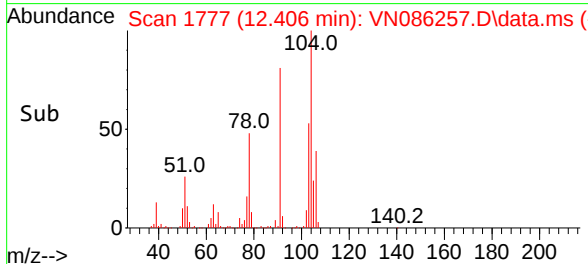
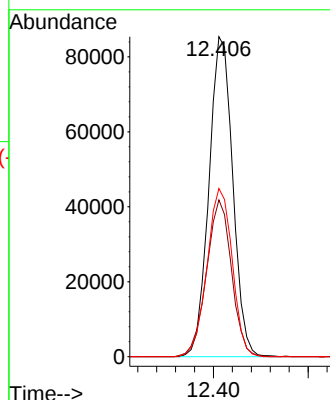
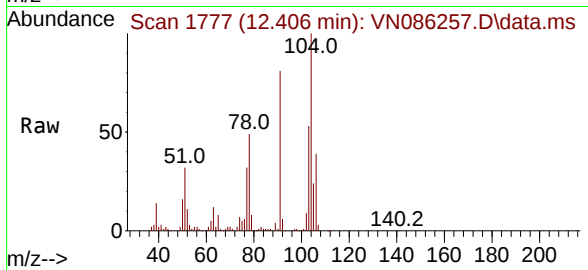
Tgt Ion:104 Resp: 148905

Ion Ratio Lower Upper

104 100

78 51.4 41.4 62.0

103 55.6 44.2 66.4



#70

Isopropylbenzene

Concen: 19.063 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086257.D

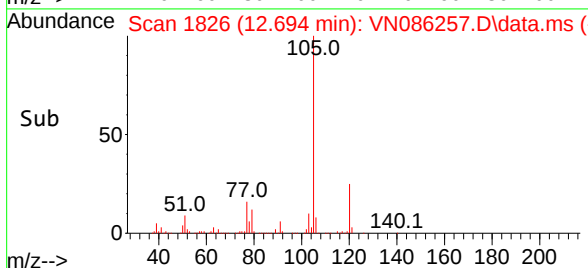
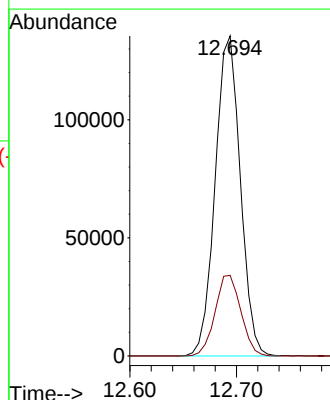
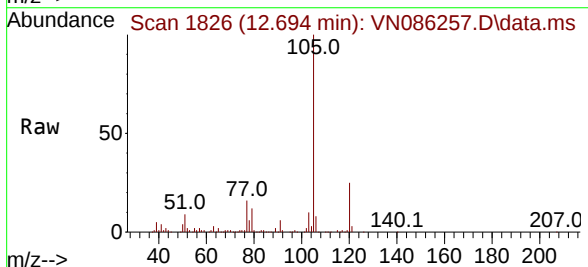
Acq: 14 Apr 2025 09:48

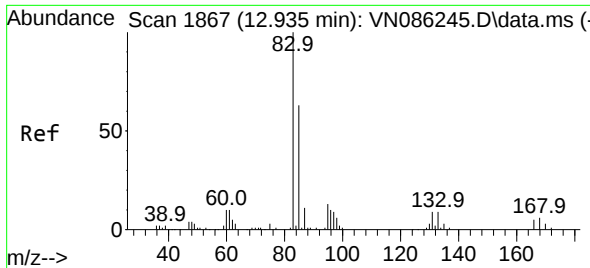
Tgt Ion:105 Resp: 221830

Ion Ratio Lower Upper

105 100

120 25.8 18.3 34.1

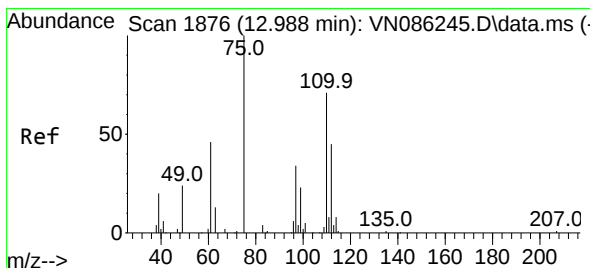
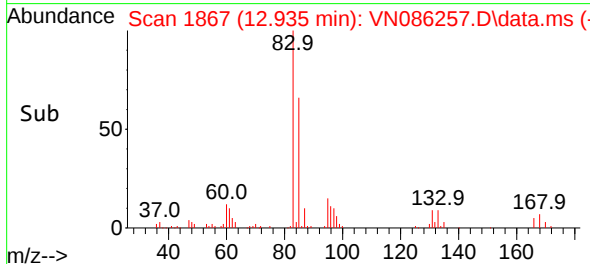
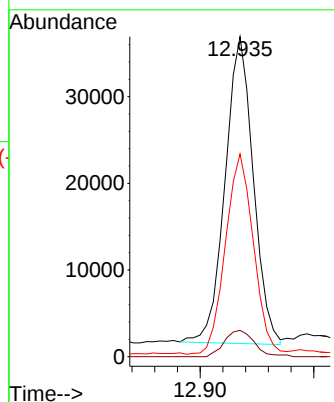
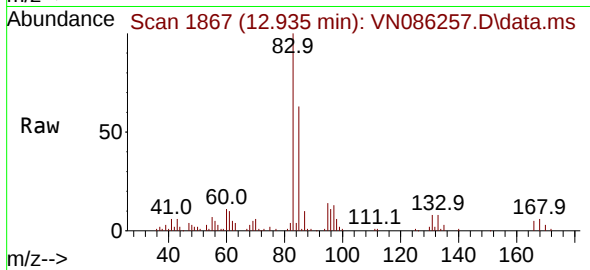




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.397 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

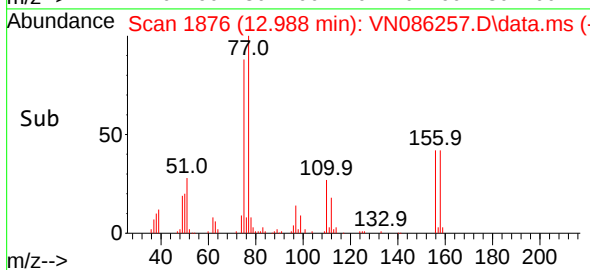
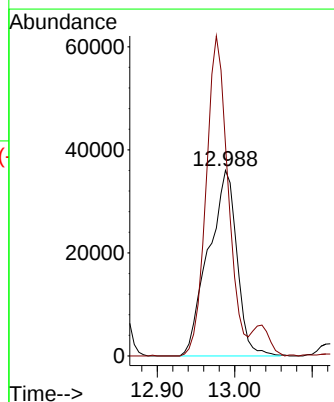
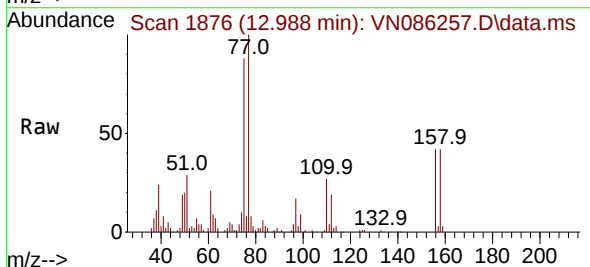
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

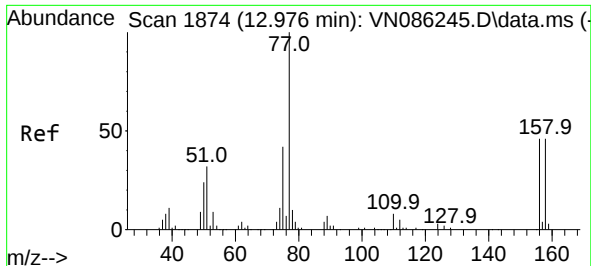
Tgt Ion: 83 Resp: 60935
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.8 14.3
 85 64.9 32.3 96.8



#72
 1,2,3-Trichloropropane
 Concen: 26.746 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

Tgt Ion: 75 Resp: 92214
 Ion Ratio Lower Upper
 75 100
 77 132.5 0.0 380.0

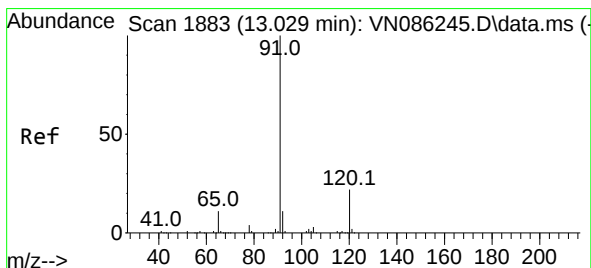
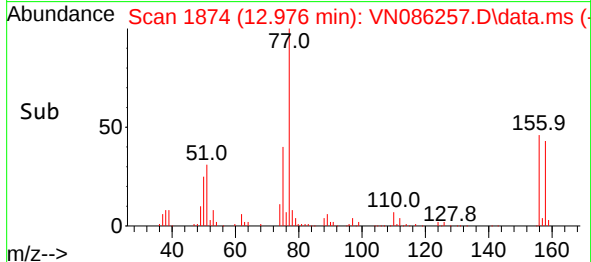
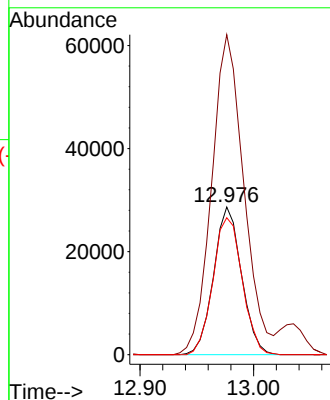
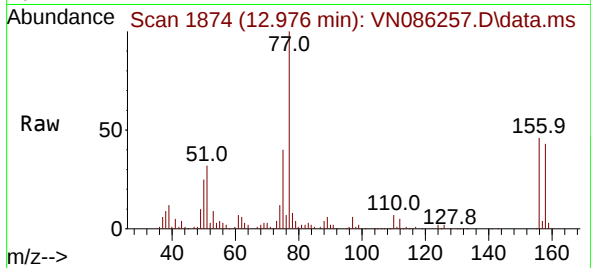




#73
Bromobenzene
Concen: 19.012 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

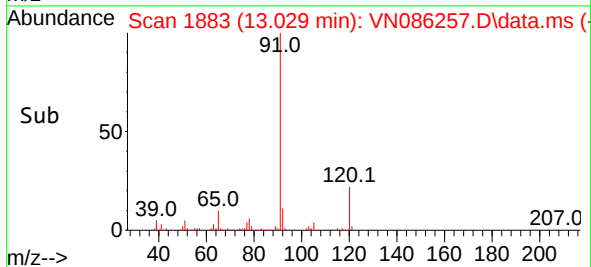
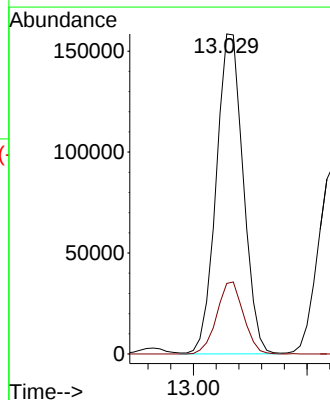
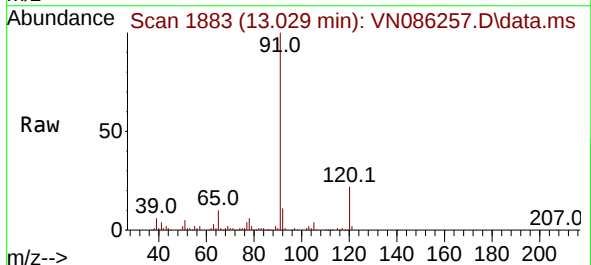
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

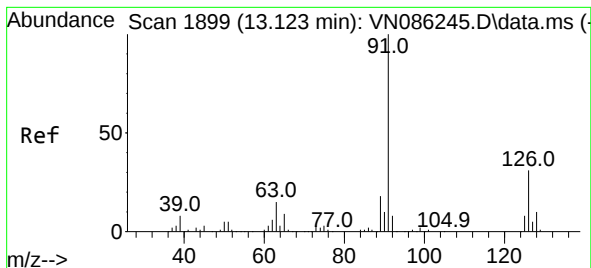
Tgt Ion:156 Resp: 49010
Ion Ratio Lower Upper
156 100
77 249.3 0.0 505.2
158 97.0 0.0 195.0



#74
n-propylbenzene
Concen: 19.060 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 91 Resp: 261891
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.0





#75

2-Chlorotoluene

Concen: 18.767 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

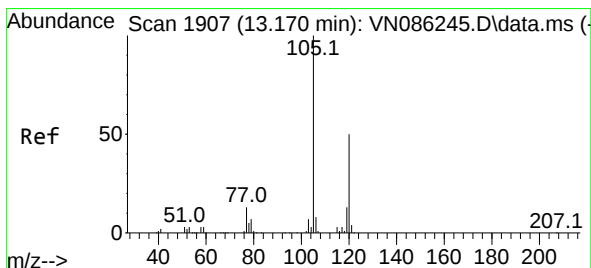
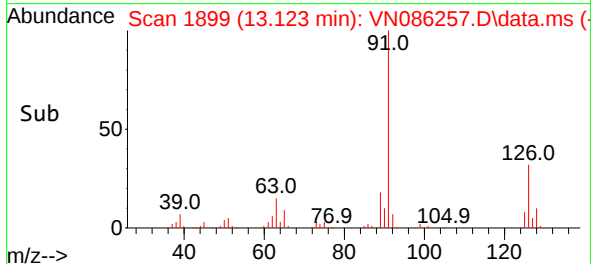
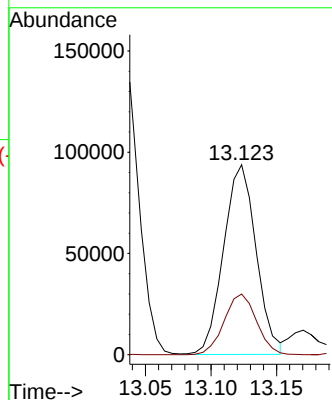
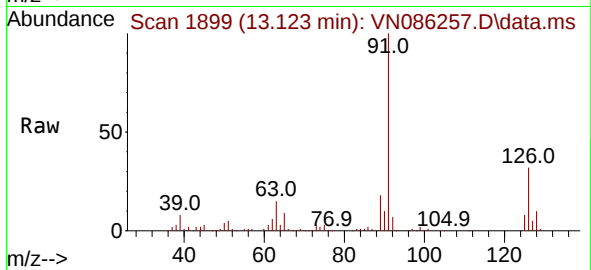
VSTDCCC020

Tgt Ion: 91 Resp: 162087

Ion Ratio Lower Upper

91 100

126 31.7 0.0 63.4



#76

1,3,5-Trimethylbenzene

Concen: 18.910 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086257.D

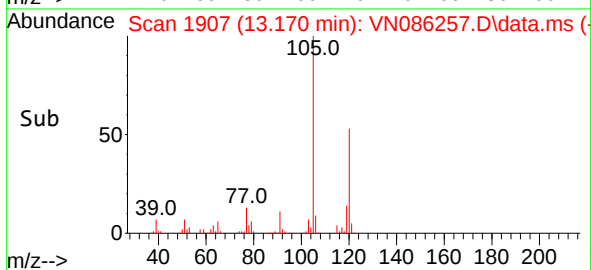
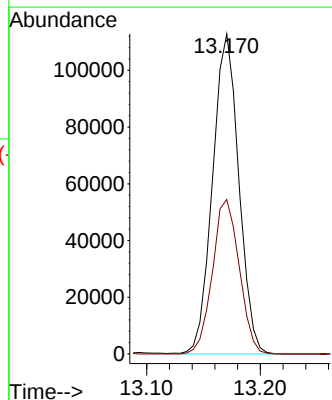
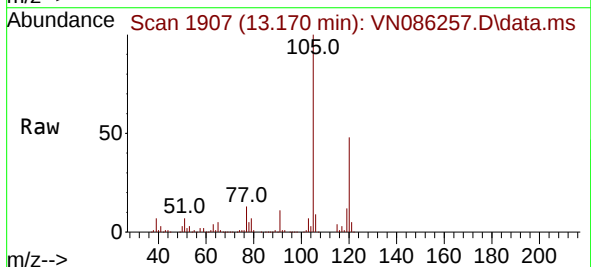
Acq: 14 Apr 2025 09:48

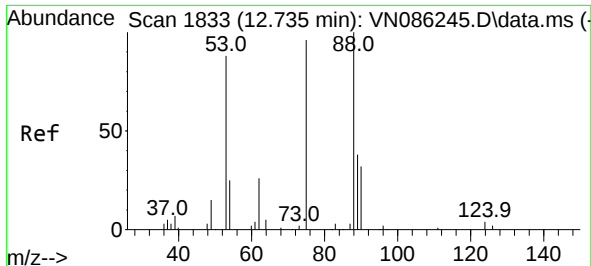
Tgt Ion:105 Resp: 180756

Ion Ratio Lower Upper

105 100

120 49.2 0.0 98.0

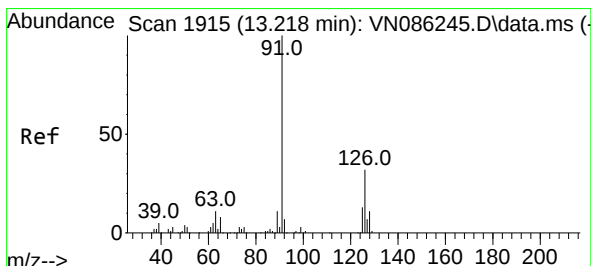
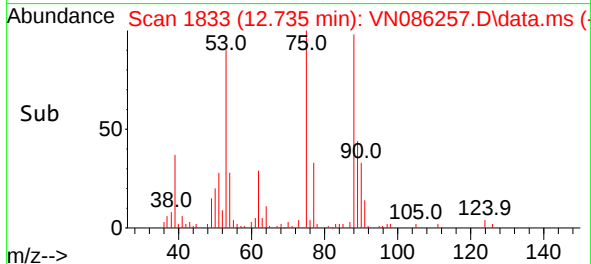
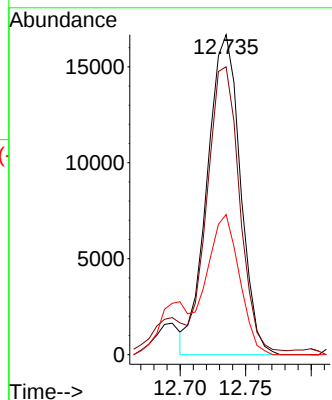
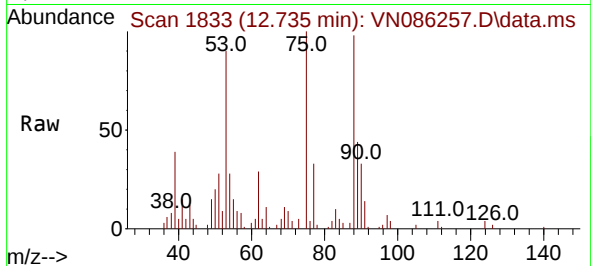




#77
t-1,4-Dichloro-2-butene
Concen: 18.430 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

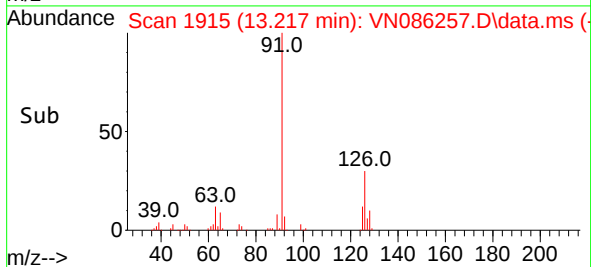
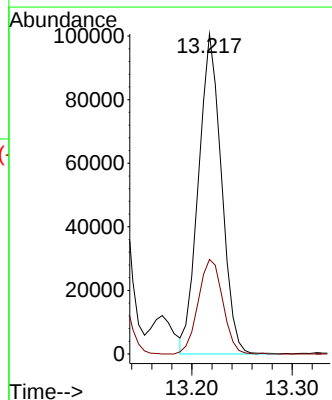
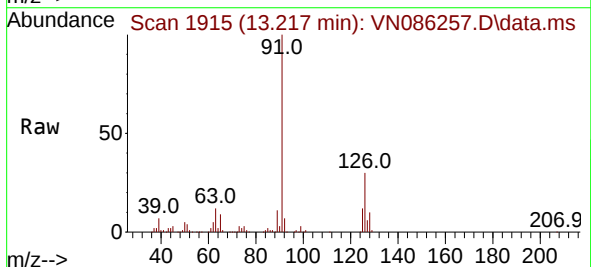
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

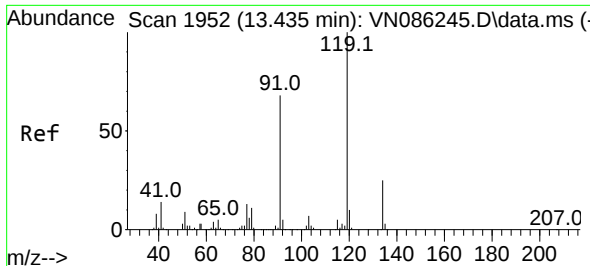
Tgt Ion: 75 Resp: 29299
Ion Ratio Lower Upper
75 100
53 88.5 46.4 139.2
89 43.8 22.5 67.5



#78
4-Chlorotoluene
Concen: 18.592 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 91 Resp: 160361
Ion Ratio Lower Upper
91 100
126 31.5 0.0 63.2

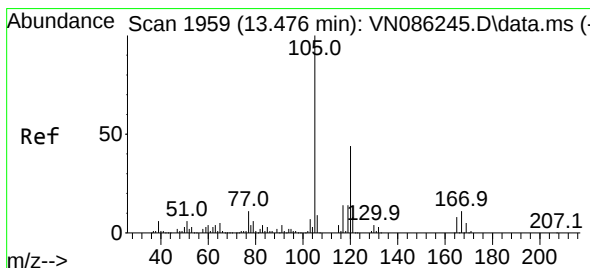
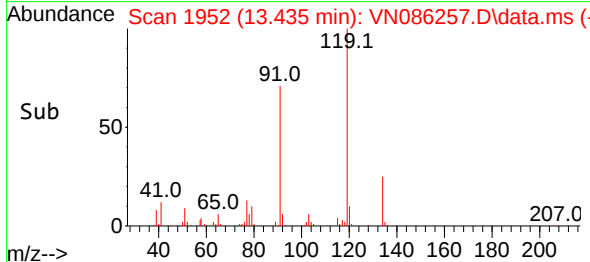
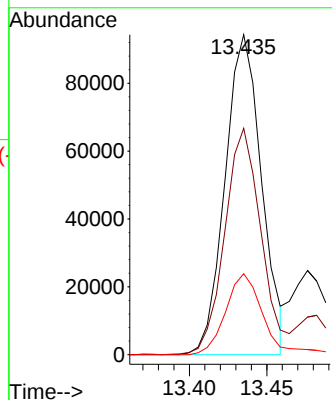
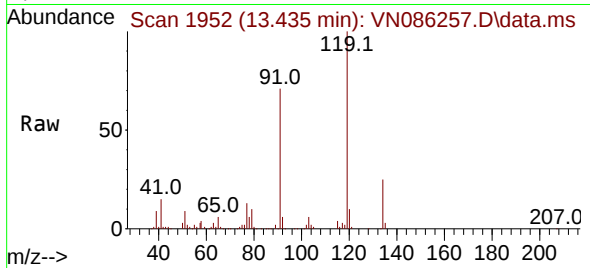




#79
tert-butylbenzene
Concen: 18.681 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

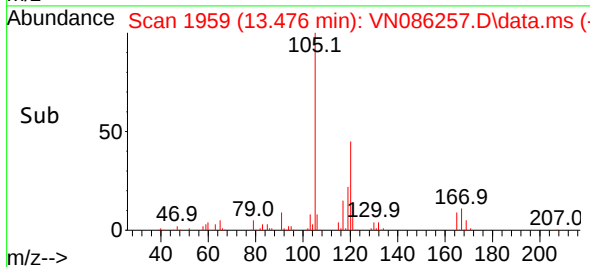
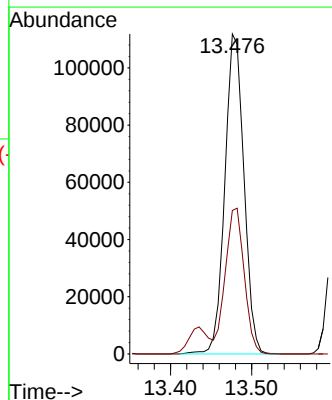
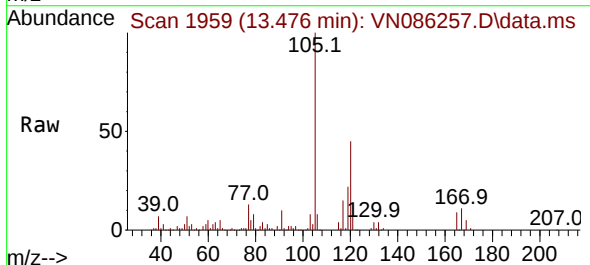
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

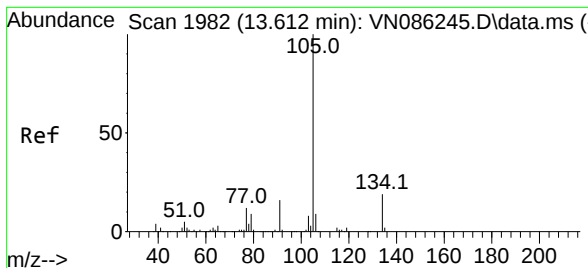
Tgt Ion:119 Resp: 154513
Ion Ratio Lower Upper
119 100
91 70.6 0.0 136.6
134 26.0 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 18.902 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:105 Resp: 183217
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.0

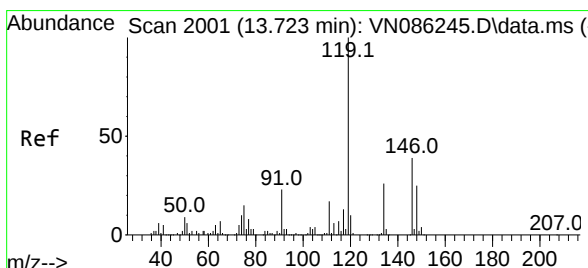
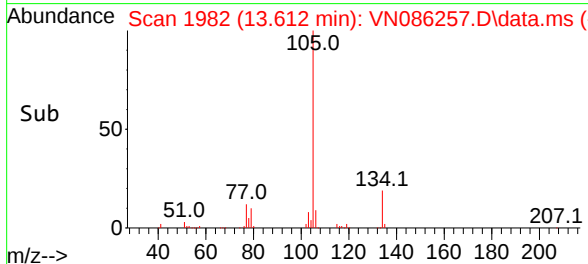
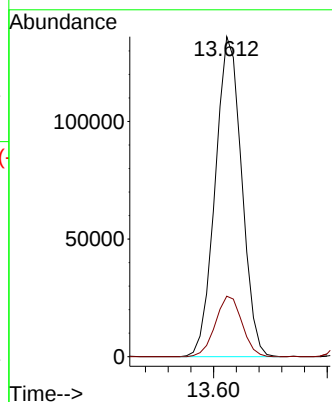
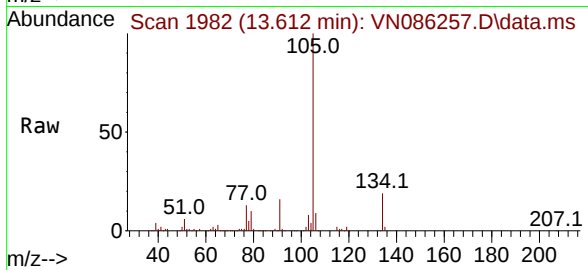




#81
 sec-Butylbenzene
 Concen: 19.085 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

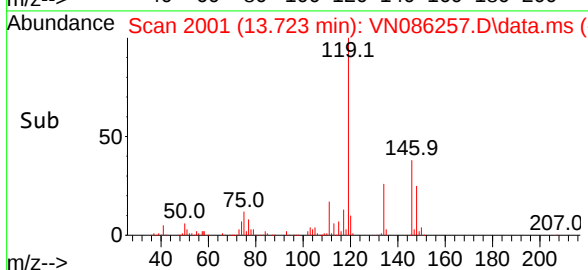
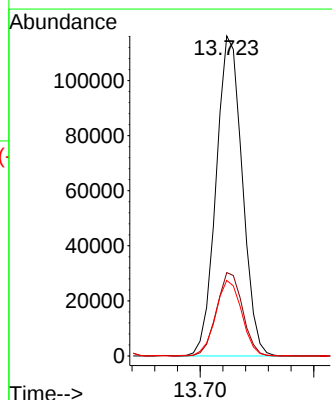
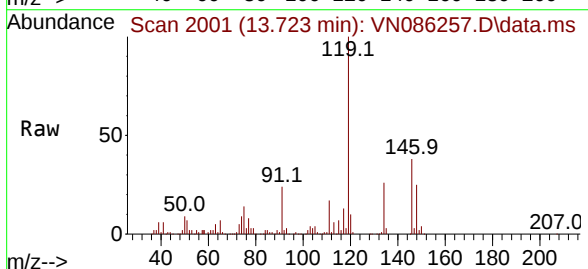
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

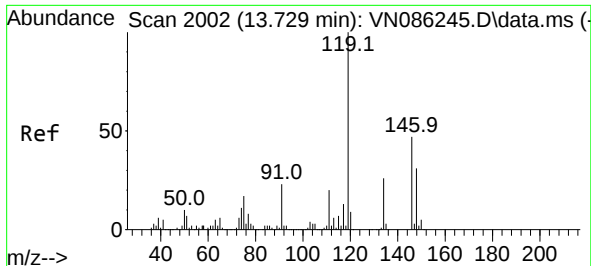
Tgt Ion:105 Resp: 220196
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 19.321 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086257.D
 Acq: 14 Apr 2025 09:48

Tgt Ion:119 Resp: 185966
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 23.6 0.0 48.2

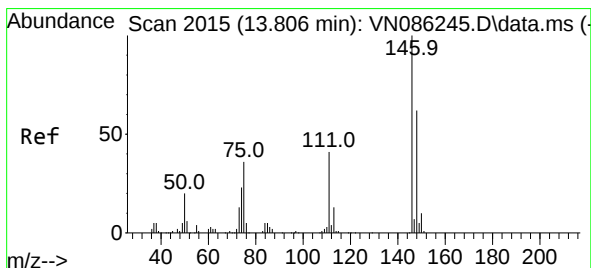
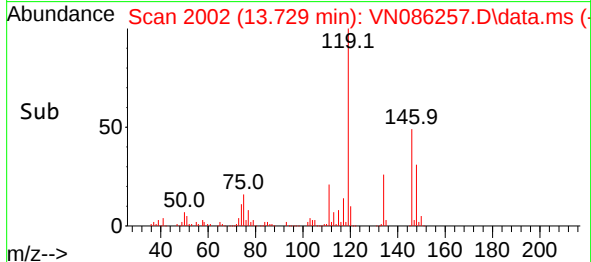
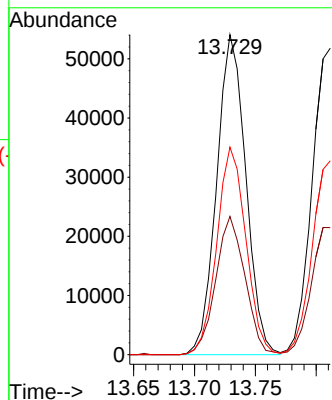
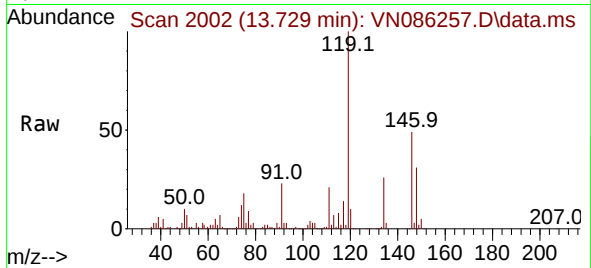




#83
1,3-Dichlorobenzene
Concen: 18.827 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

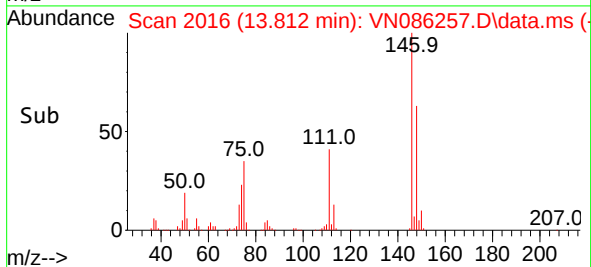
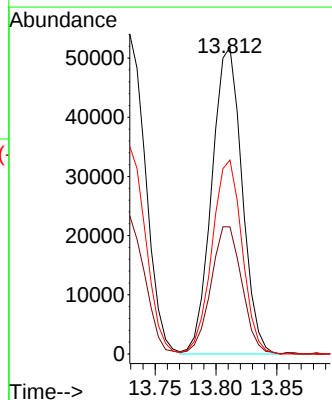
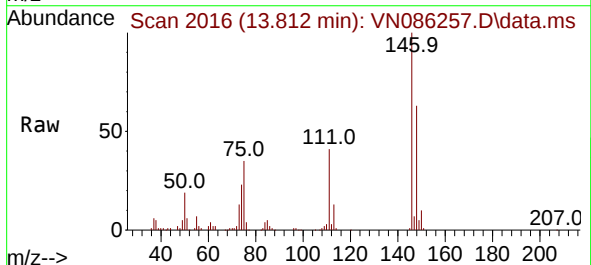
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

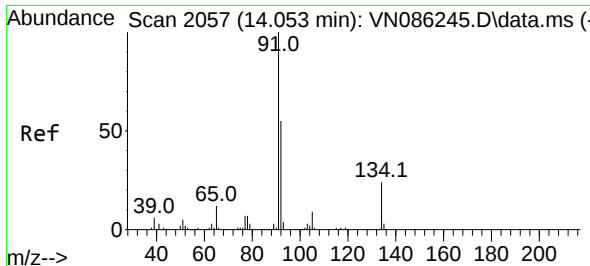
Tgt Ion:146 Resp: 90204
Ion Ratio Lower Upper
146 100
111 43.4 21.7 65.1
148 64.6 32.3 96.8



#84
1,4-Dichlorobenzene
Concen: 18.615 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:146 Resp: 89476
Ion Ratio Lower Upper
146 100
111 42.5 20.8 62.4
148 63.0 31.9 95.5

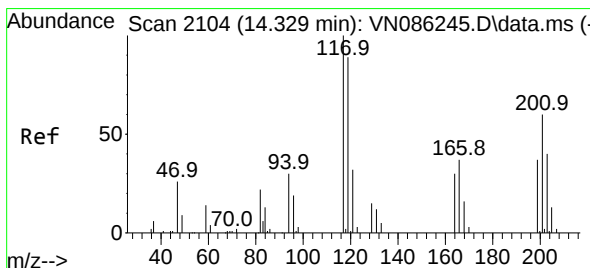
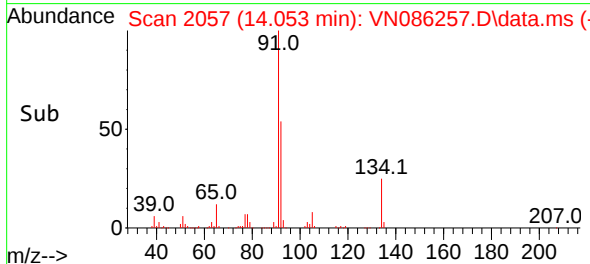
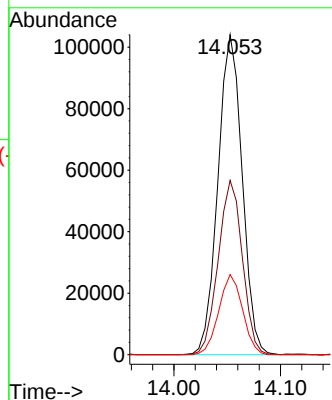
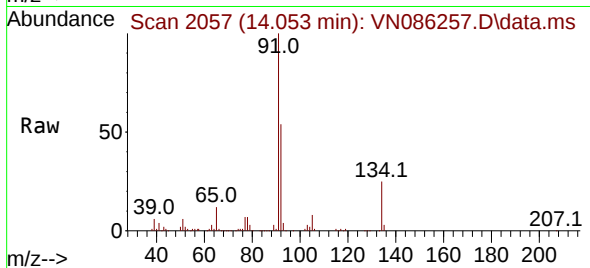




#85
n-Butylbenzene
Concen: 18.955 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

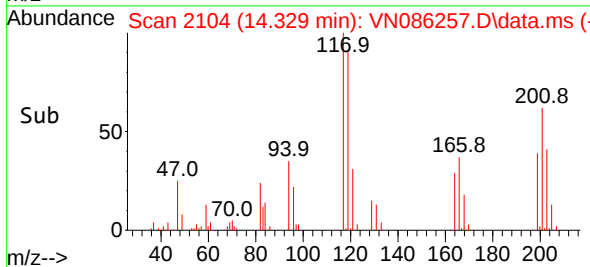
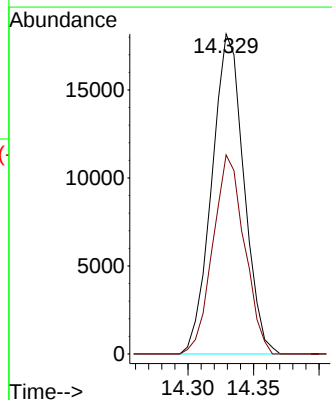
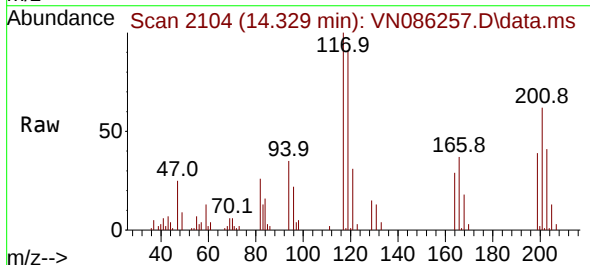
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

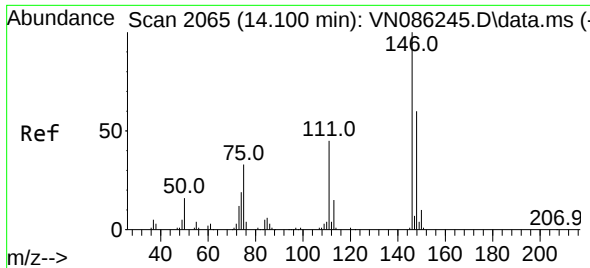
Tgt Ion: 91 Resp: 164579
Ion Ratio Lower Upper
91 100
92 54.2 0.0 109.4
134 24.5 0.0 48.2



#86
Hexachloroethane
Concen: 19.019 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 117 Resp: 30879
Ion Ratio Lower Upper
117 100
201 61.3 30.9 92.8

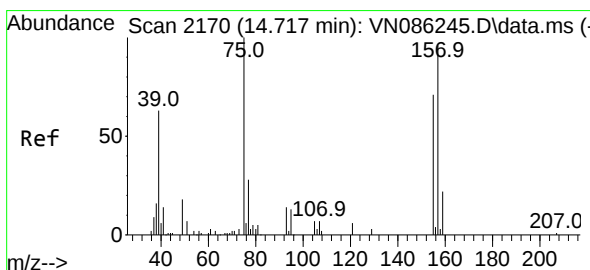
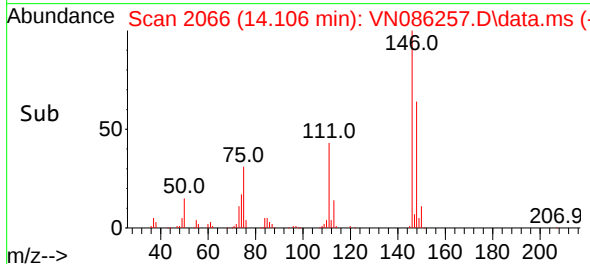
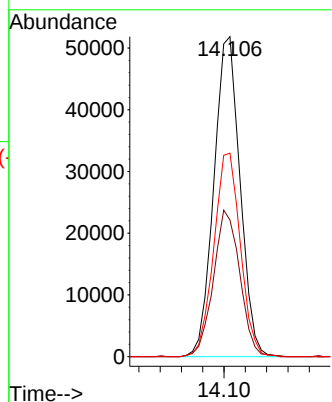
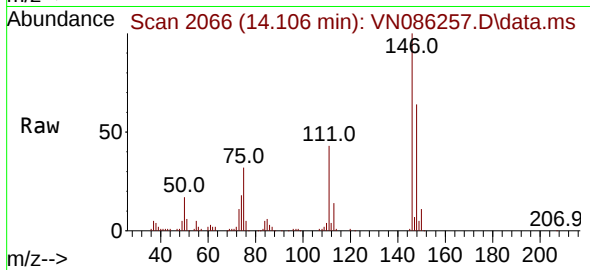




#87
1,2-Dichlorobenzene
Concen: 18.686 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

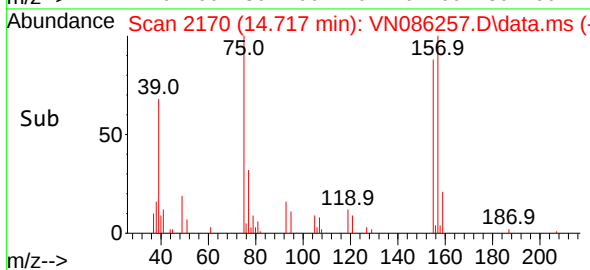
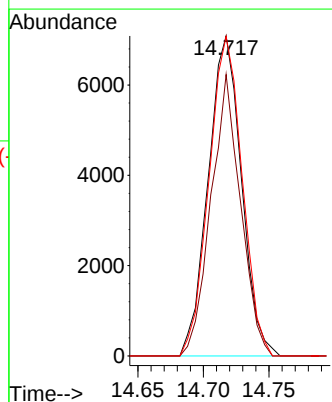
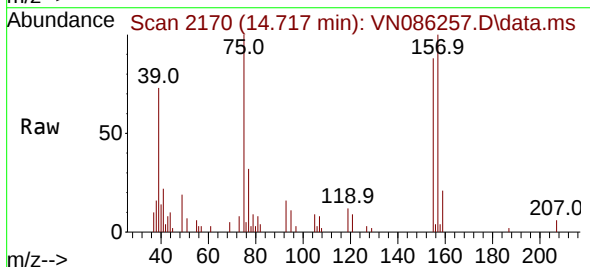
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

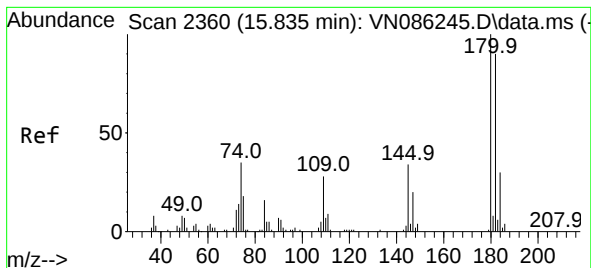
Tgt Ion:146 Resp: 88400
Ion Ratio Lower Upper
146 100
111 46.3 22.7 68.0
148 64.5 31.8 95.3



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.576 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion: 75 Resp: 12505
Ion Ratio Lower Upper
75 100
155 78.4 60.3 90.5
157 99.4 79.0 118.4





#89

1,2,4-Trichlorobenzene

Concen: 18.029 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

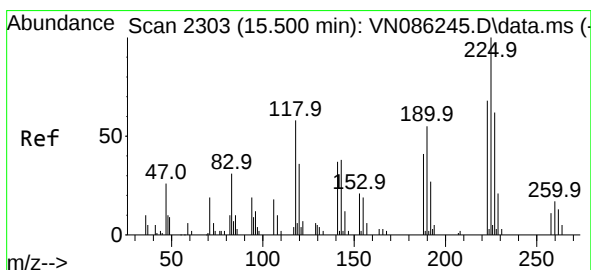
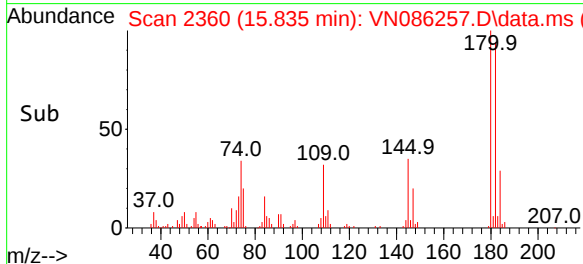
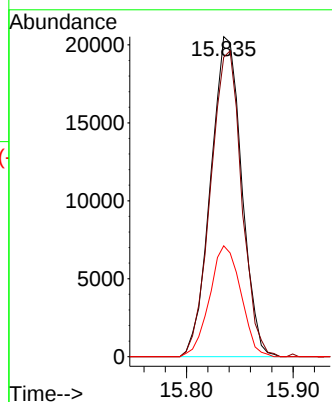
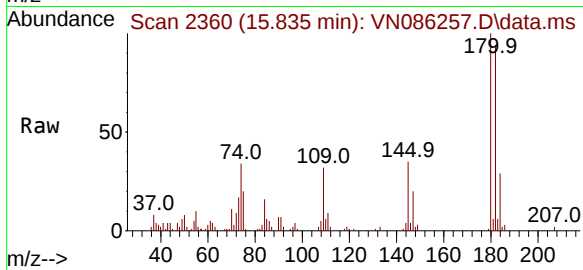
Tgt Ion:180 Resp: 41499

Ion Ratio Lower Upper

180 100

182 95.6 75.1 112.7

145 34.9 27.1 40.7



#90

Hexachlorobutadiene

Concen: 17.220 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086257.D

Acq: 14 Apr 2025 09:48

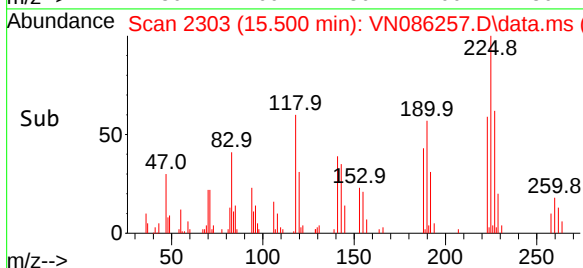
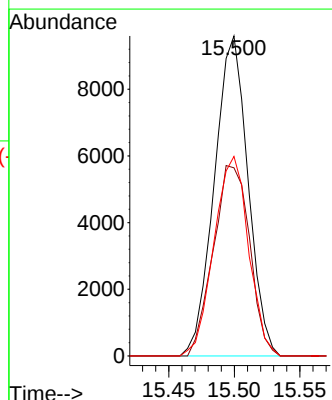
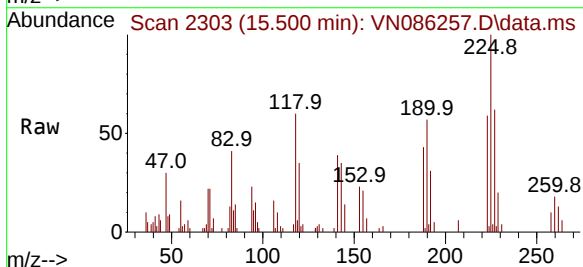
Tgt Ion:225 Resp: 17114

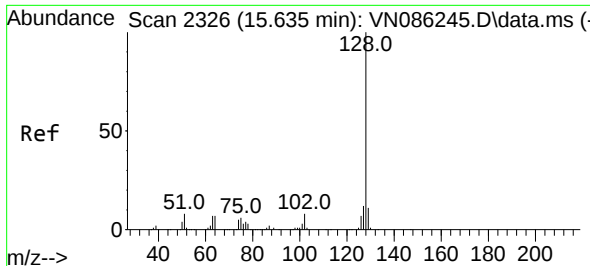
Ion Ratio Lower Upper

225 100

223 64.3 0.0 130.0

227 64.2 0.0 123.2

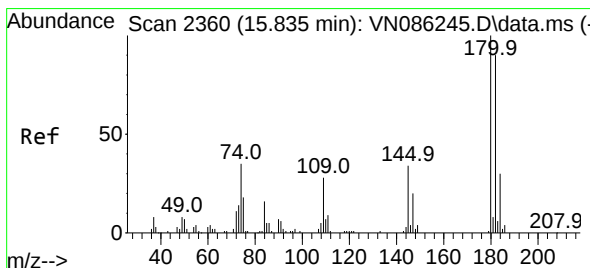
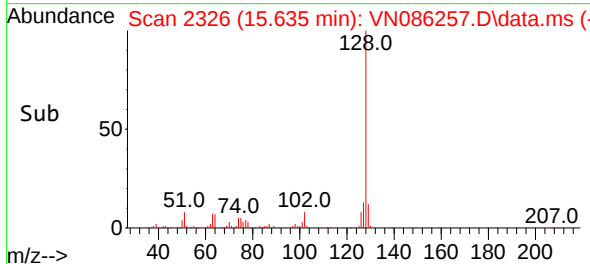
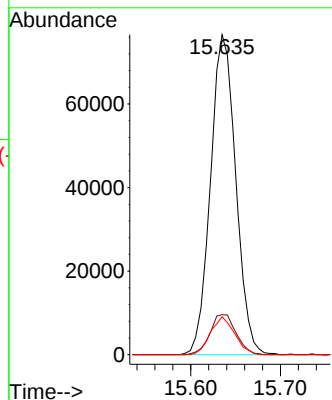
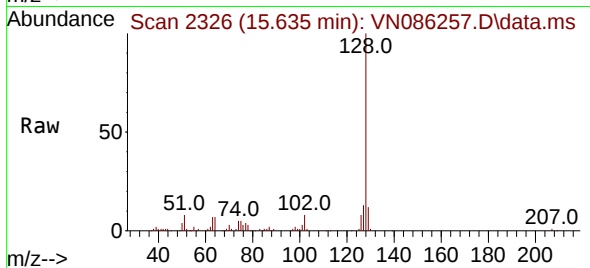




#91
Naphthalene
Concen: 16.532 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 150034
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.3 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.029 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086257.D
Acq: 14 Apr 2025 09:48

Tgt Ion:180 Resp: 41499
Ion Ratio Lower Upper
180 100
182 95.6 0.0 187.8
145 34.9 0.0 67.8

