

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041525\
 Data File : VN086277.D
 Acq On : 15 Apr 2025 11:29
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 16 03:54:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 03:42:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	218868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	404752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	341637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145129	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	3660	1.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.300%#
35) Dibromofluoromethane	8.159	113	2397	1.276	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.560%#
50) Toluene-d8	10.565	98	10851	1.081	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	2.160%#
62) 4-Bromofluorobenzene	12.847	95	4292	1.172	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.340%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	2651	1.022	ug/l	95
3) Chloromethane	2.360	50	4871	1.292	ug/l	93
4) Vinyl Chloride	2.518	62	3928	1.092	ug/l	94
5) Bromomethane	2.965	94	2268	1.401	ug/l #	74
6) Chloroethane	3.124	64	2846	1.182	ug/l #	86
7) Trichlorofluoromethane	3.495	101	4327	1.086	ug/l #	79
8) Diethyl Ether	3.965	74	1853	1.065	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.365	101	2525	1.047	ug/l #	84
10) Methyl Iodide	4.589	142	2613	0.986	ug/l #	90
11) Tert butyl alcohol	5.512	59	3317	5.728	ug/l #	79
12) 1,1-Dichloroethene	4.342	96	2890	1.122	ug/l	97
13) Acrolein	4.183	56	2900	Below Cal	#	69
14) Allyl chloride	5.018	41	5821	1.272	ug/l	94
15) Acrylonitrile	5.730	53	7256	5.069	ug/l	100
16) Acetone	4.430	43	9705	3.186	ug/l	98
17) Carbon Disulfide	4.706	76	10177	1.319	ug/l	97
18) Methyl Acetate	5.024	43	4481	1.176	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	10847	1.145	ug/l #	91
20) Methylene Chloride	5.271	84	3423	1.167	ug/l #	94
21) trans-1,2-Dichloroethene	5.783	96	3079	1.143	ug/l #	84
22) Diisopropyl ether	6.665	45	11644	1.169	ug/l	98
23) Vinyl Acetate	6.606	43	38143	5.479	ug/l	96
24) 1,1-Dichloroethane	6.565	63	5756	1.095	ug/l #	85
25) 2-Butanone	7.489	43	11026	5.581	ug/l	99
26) 2,2-Dichloropropane	7.494	77	5139	1.092	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	3859	1.154	ug/l	90
28) Bromochloromethane	7.800	49	2387	1.071	ug/l #	92
29) Tetrahydrofuran	7.841	42	7367	5.577	ug/l	93
30) Chloroform	7.959	83	5771	1.118	ug/l	98
31) Cyclohexane	8.224	56	6288	1.223	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	4792	1.085	ug/l #	51
36) 1,1-Dichloropropene	8.371	75	4123	1.099	ug/l	94
37) Ethyl Acetate	7.559	43	4732	1.198	ug/l #	91
38) Carbon Tetrachloride	8.359	117	3808	1.066	ug/l	100
39) Methylcyclohexane	9.594	83	4950	1.110	ug/l	96
40) Benzene	8.606	78	13340	1.110	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	2651	1.158	ug/l #	94
42) 1,2-Dichloroethane	8.665	62	4258	1.111	ug/l	96
43) Isopropyl Acetate	8.683	43	17444	0.619	ug/l #	75
44) Trichloroethene	9.353	130	3157	1.108	ug/l	87
45) 1,2-Dichloropropane	9.612	63	3063	1.041	ug/l #	86
46) Dibromomethane	9.706	93	1891	1.009	ug/l	91
47) Bromodichloromethane	9.888	83	4302	1.062	ug/l #	97
48) Methyl methacrylate	9.683	41	4185	1.206	ug/l	94
49) 1,4-Dioxane	9.688	88	1477	25.032	ug/l #	76
51) 4-Methyl-2-Pentanone	10.441	43	21143	5.227	ug/l	98
52) Toluene	10.624	92	8120	1.083	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	4663	1.032	ug/l	93
54) cis-1,3-Dichloropropene	10.306	75	5497	1.107	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	2967	1.099	ug/l	93
56) Ethyl methacrylate	10.871	69	5409	1.090	ug/l	90
57) 1,3-Dichloropropane	11.159	76	5091	1.063	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	11885	5.048	ug/l	97
59) 2-Hexanone	11.194	43	15945	5.315	ug/l	98
60) Dibromochloromethane	11.353	129	3054	1.031	ug/l	96
61) 1,2-Dibromoethane	11.465	107	2908	1.068	ug/l	90
64) Tetrachloroethene	11.106	164	2864	1.090	ug/l	95
65) Chlorobenzene	11.882	112	8440	1.107	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	2734	1.087	ug/l #	62
67) Ethyl Benzene	11.959	91	15099	1.097	ug/l	96
68) m/p-Xylenes	12.071	106	11055	2.144	ug/l	98
69) o-Xylene	12.394	106	5408	1.061	ug/l	97
70) Styrene	12.406	104	8925	1.051	ug/l	96
71) Bromoform	12.576	173	2089	1.103	ug/l #	80
73) Isopropylbenzene	12.694	105	13542	1.141	ug/l	98
74) N-amyl acetate	12.494	43	7807	1.321	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	3910	1.145	ug/l	94
76) 1,2,3-Trichloropropane	12.988	75	5528	1.621	ug/l	57
77) Bromobenzene	12.982	156	2811	1.069	ug/l	90
78) n-propylbenzene	13.029	91	15576	1.113	ug/l	98
79) 2-Chlorotoluene	13.124	91	9804	1.120	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	11029	1.135	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	1717	1.204	ug/l	91
82) 4-Chlorotoluene	13.218	91	9589	1.103	ug/l	98
83) tert-Butylbenzene	13.435	119	9817	1.166	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	10977	1.110	ug/l	96
85) sec-Butylbenzene	13.612	105	12920	1.106	ug/l	98
86) p-Isopropyltoluene	13.729	119	10458	1.086	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	5415	1.095	ug/l	94
88) 1,4-Dichlorobenzene	13.735	146	5415	1.087	ug/l	94
89) n-Butylbenzene	14.053	91	9315	1.092	ug/l	99
90) Hexachloroethane	14.329	117	1792	1.107	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	5279	1.101	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.718	75	679	0.987	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	2387	1.040	ug/l	93
94) Hexachlorobutadiene	15.494	225	893	1.030	ug/l	78
95) Naphthalene	15.641	128	8743	1.074	ug/l	97
96) 1,2,3-Trichlorobenzene	15.829	180	2378	1.094	ug/l	91

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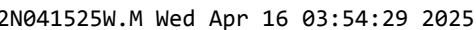
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MSVOA_N
ClientSampleId :
VSTDICC001

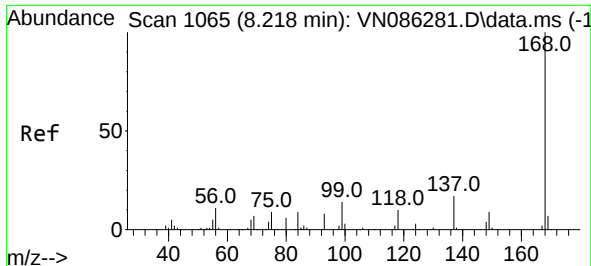
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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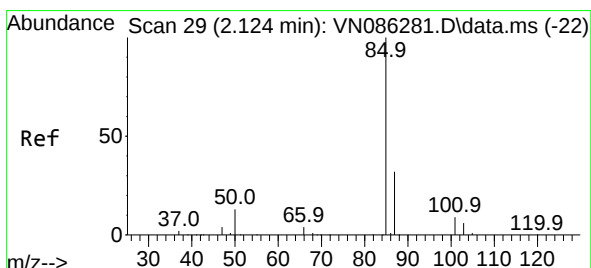
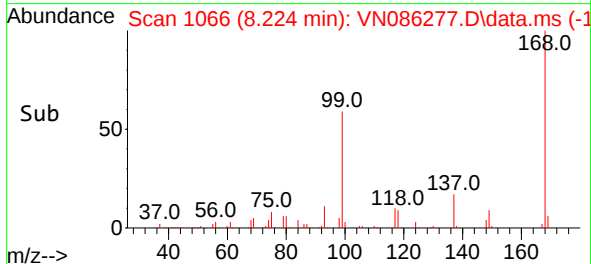
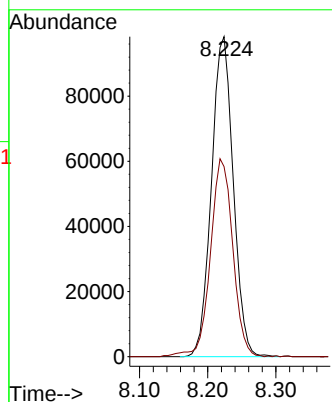
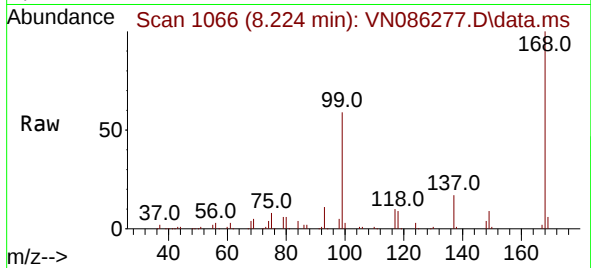




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086277.D
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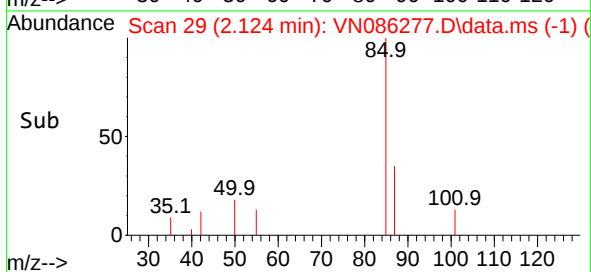
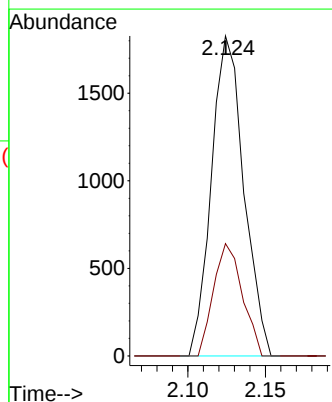
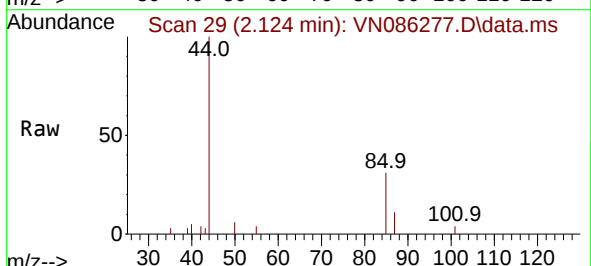
Instrument :
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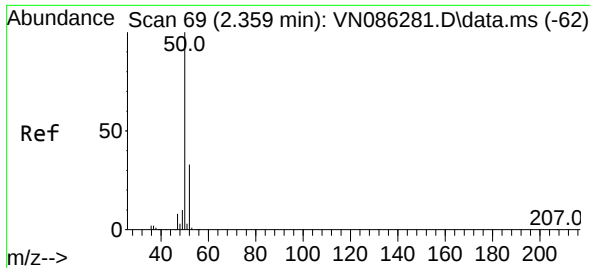
Tgt Ion:168 Resp: 218868
Ion Ratio Lower Upper
168 100
99 59.4 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 1.022 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 85 Resp: 2651
Ion Ratio Lower Upper
85 100
87 35.1 16.3 48.8

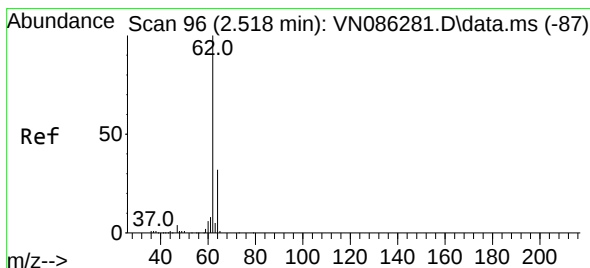
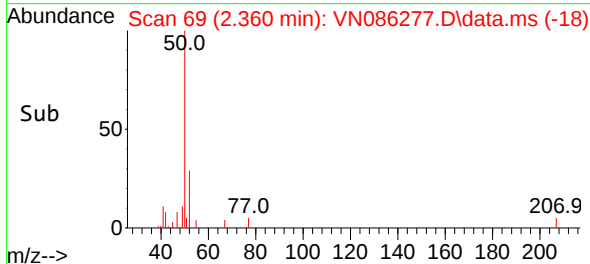
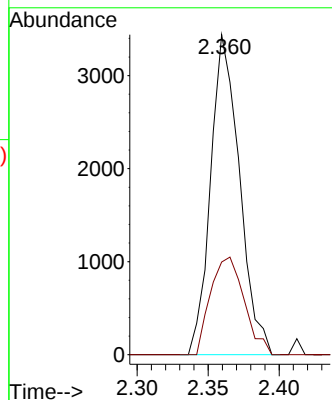
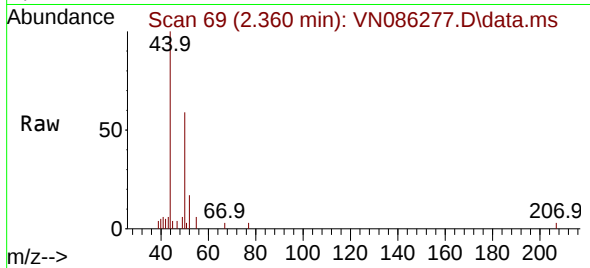




#3
Chloromethane
Concen: 1.292 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

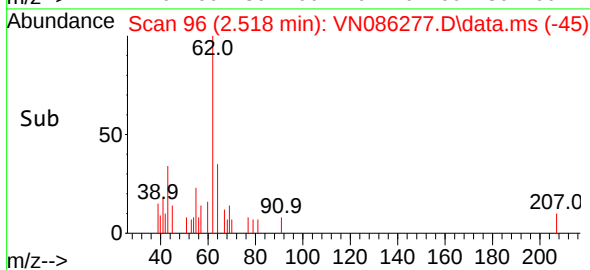
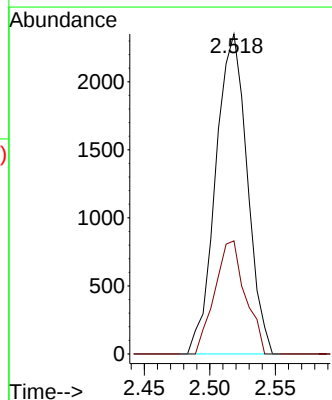
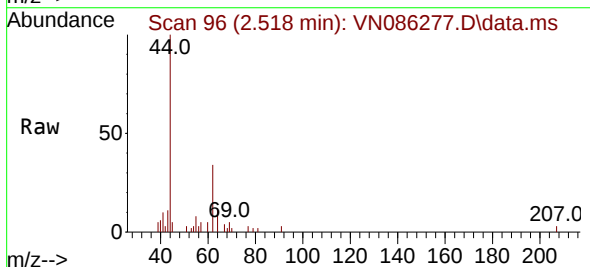
Instrument :
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ClientSampleId :
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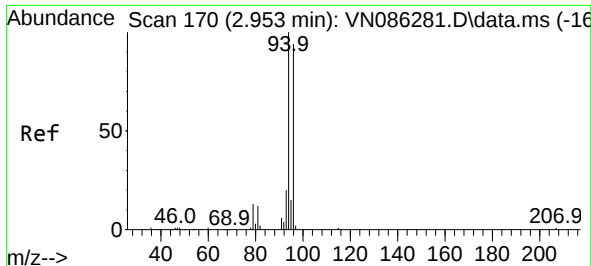
Tgt Ion: 50 Resp: 4871
Ion Ratio Lower Upper
50 100
52 29.0 26.5 39.7



#4
Vinyl Chloride
Concen: 1.092 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 62 Resp: 3928
Ion Ratio Lower Upper
62 100
64 35.3 25.6 38.4

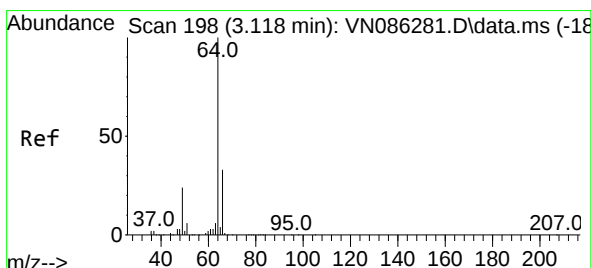
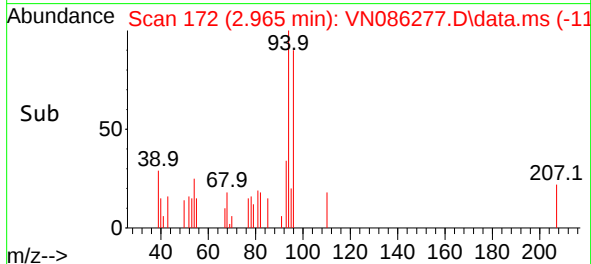
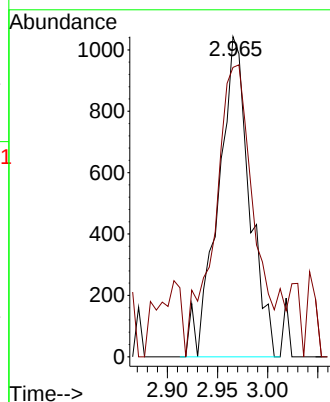
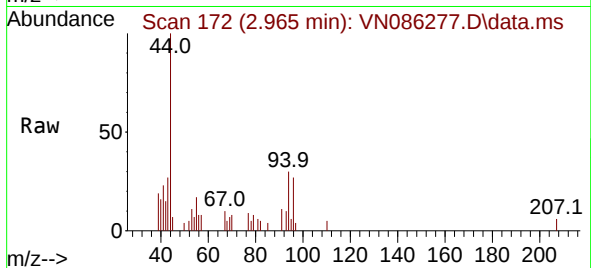




#5
Bromomethane
Concen: 1.401 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

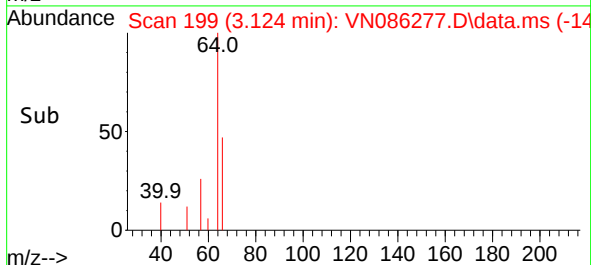
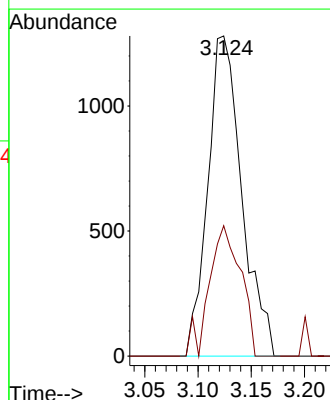
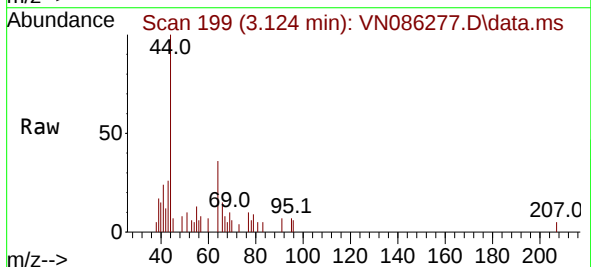
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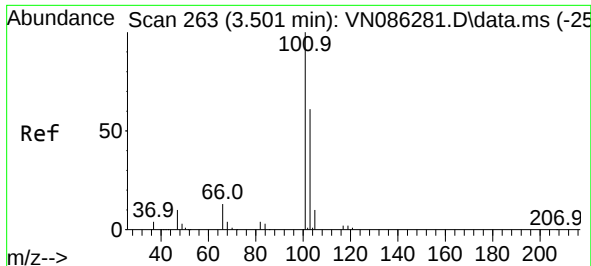
Tgt Ion: 94 Resp: 2268
Ion Ratio Lower Upper
94 100
96 69.1 75.2 112.8#



#6
Chloroethane
Concen: 1.182 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 64 Resp: 2846
Ion Ratio Lower Upper
64 100
66 40.7 26.2 39.2#

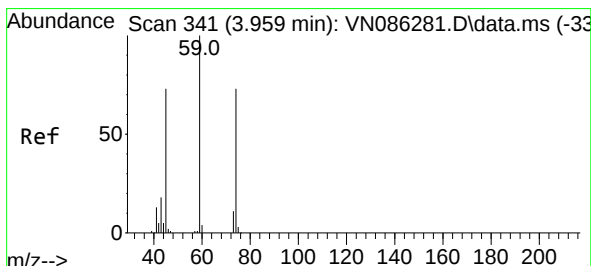
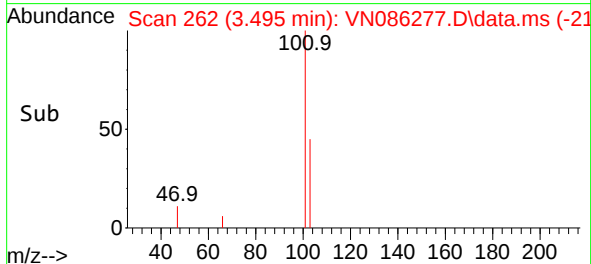
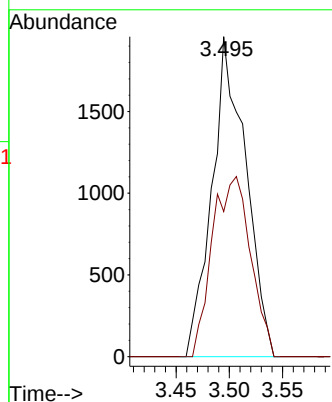
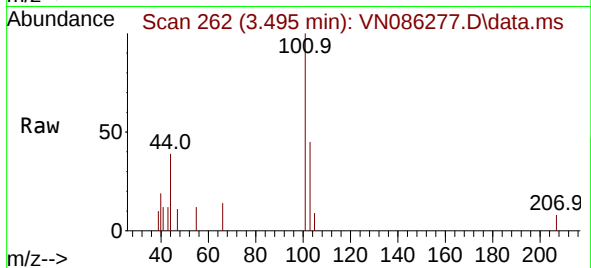




#7
 Trichlorofluoromethane
 Concen: 1.086 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

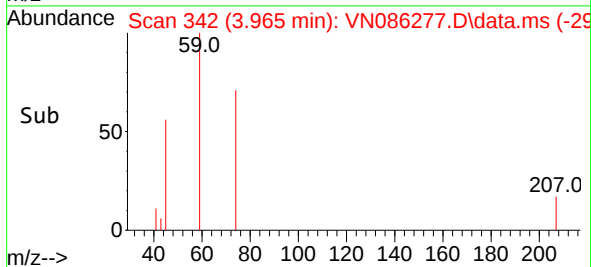
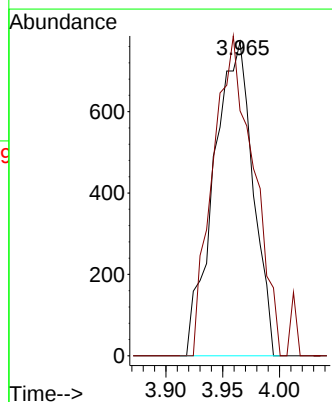
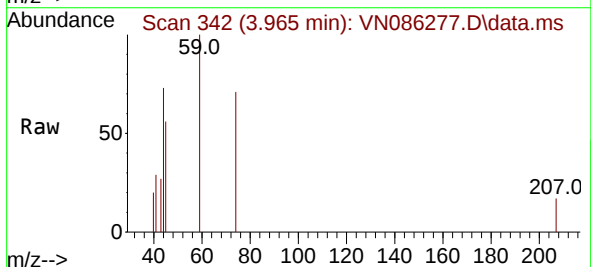
Instrument :
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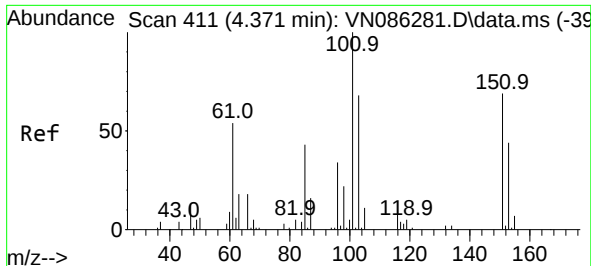
Tgt Ion: 101 Resp: 4327
 Ion Ratio Lower Upper
 101 100
 103 45.4 49.2 73.8#



#8
 Diethyl Ether
 Concen: 1.065 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 74 Resp: 1853
 Ion Ratio Lower Upper
 74 100
 45 105.3 48.0 144.2

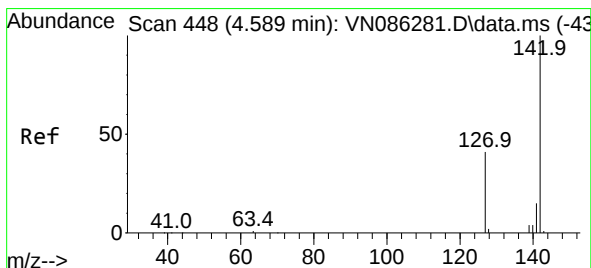
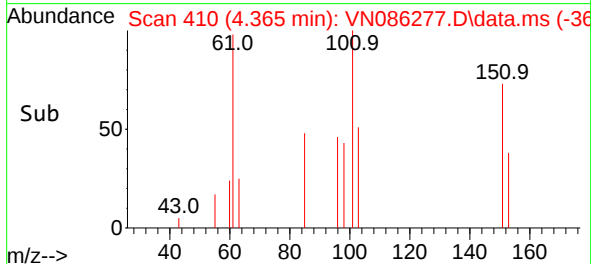
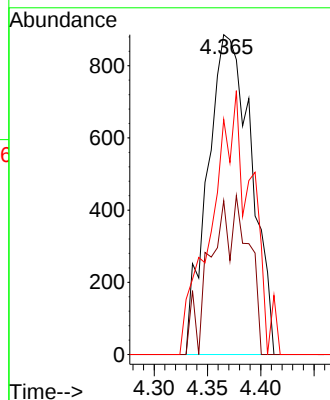
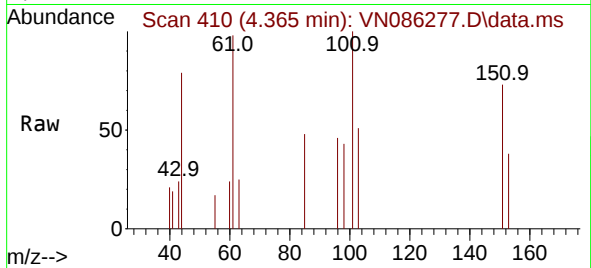




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.047 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

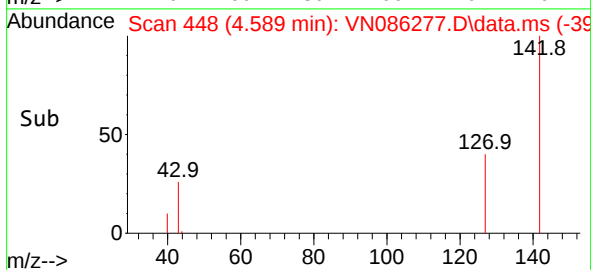
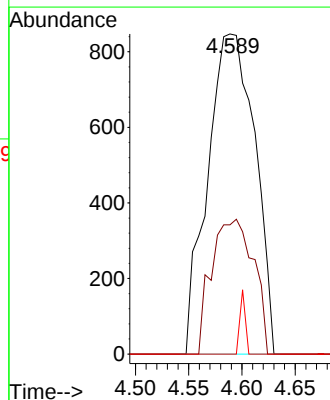
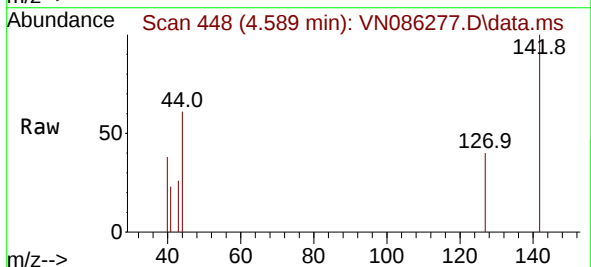
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

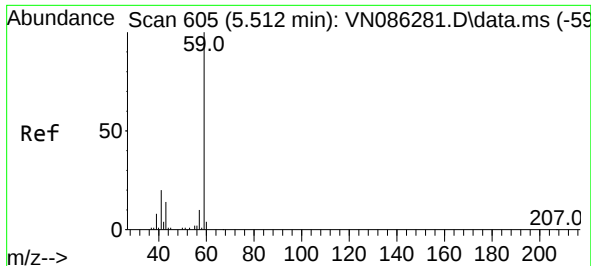
Tgt Ion:101 Resp: 2525
Ion Ratio Lower Upper
101 100
85 23.9 34.7 52.1#
151 75.8 56.1 84.1



#10
Methyl Iodide
Concen: 0.986 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:142 Resp: 2613
Ion Ratio Lower Upper
142 100
127 40.4 32.7 49.1
141 0.0 11.7 17.5#

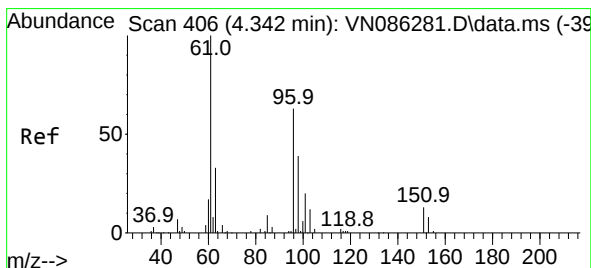
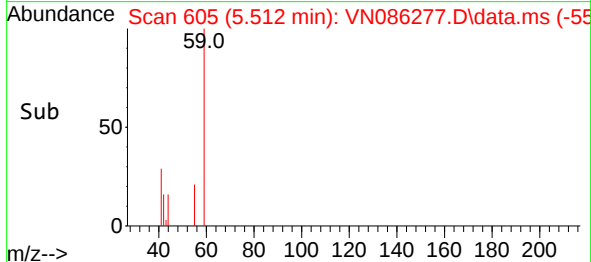
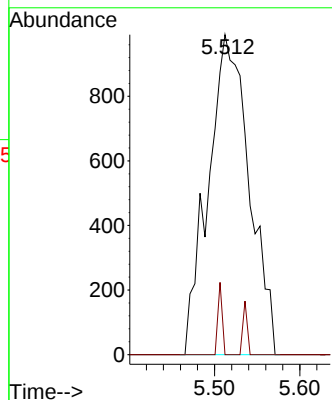
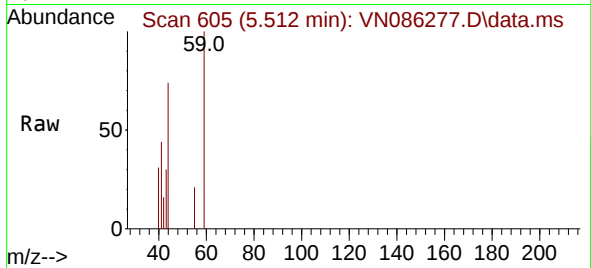




#11
Tert butyl alcohol
Concen: 5.728 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

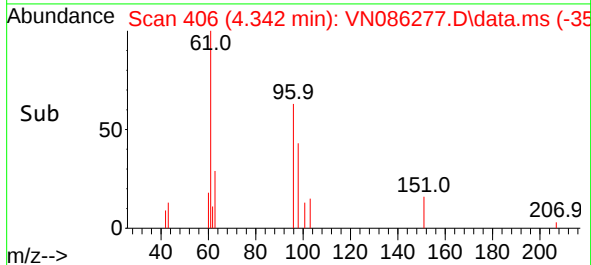
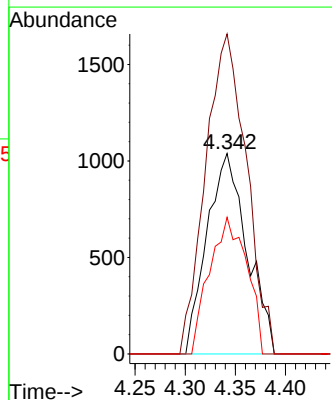
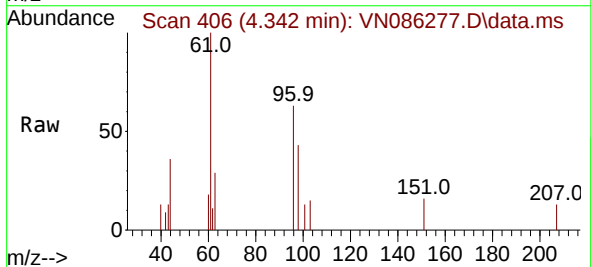
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

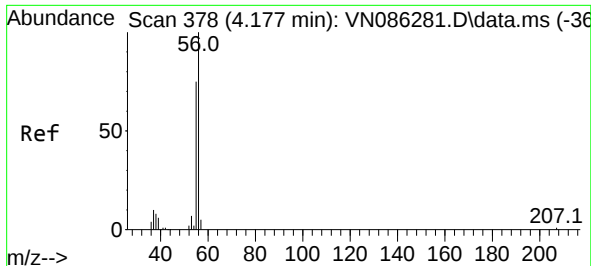
Tgt Ion: 59 Resp: 3317
Ion Ratio Lower Upper
59 100
57 2.4 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 1.122 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 96 Resp: 2890
Ion Ratio Lower Upper
96 100
61 159.6 126.6 189.8
98 68.1 49.6 74.4

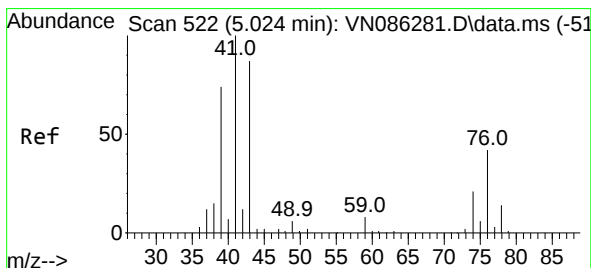
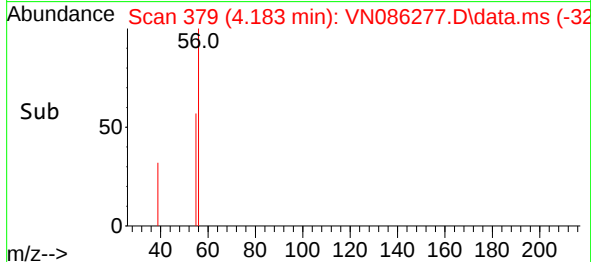
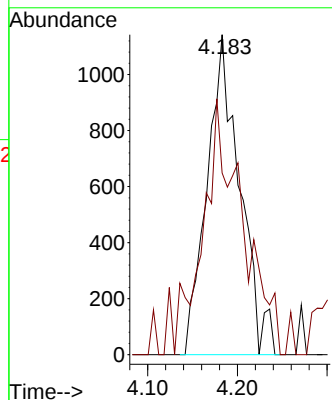
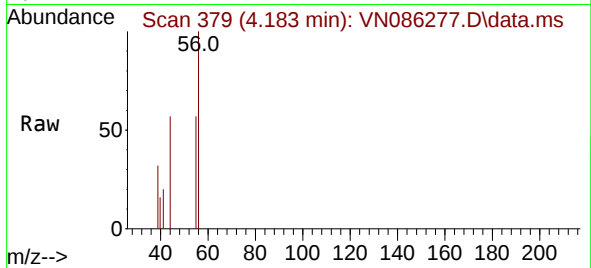




#13
Acrolein
Concen: Below Cal
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

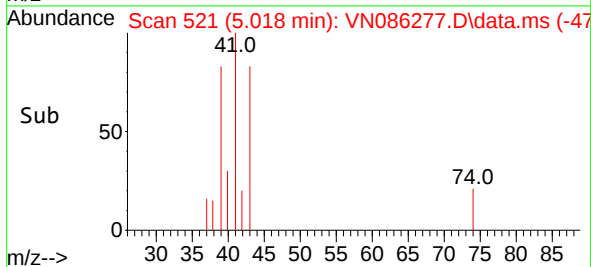
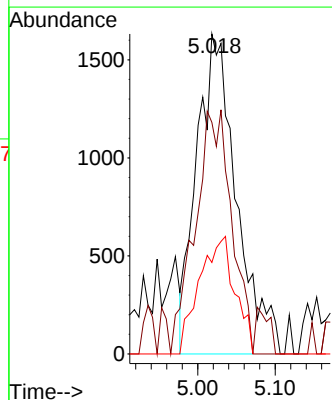
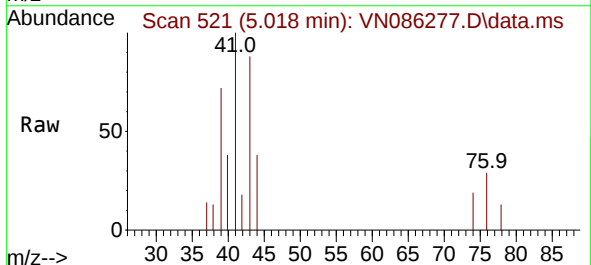
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

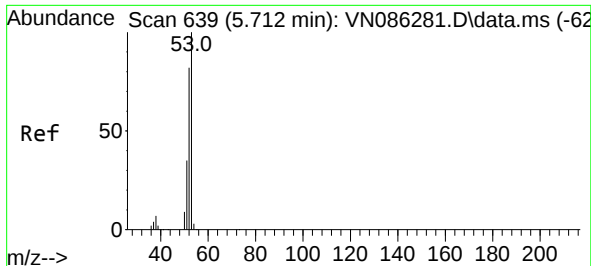
Tgt Ion: 56 Resp: 2900
Ion Ratio Lower Upper
56 100
55 99.3 58.5 87.7#



#14
Allyl chloride
Concen: 1.272 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 41 Resp: 5821
Ion Ratio Lower Upper
41 100
39 70.2 59.2 88.8
76 32.9 31.2 46.8

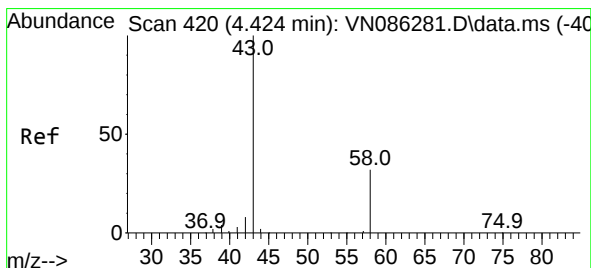
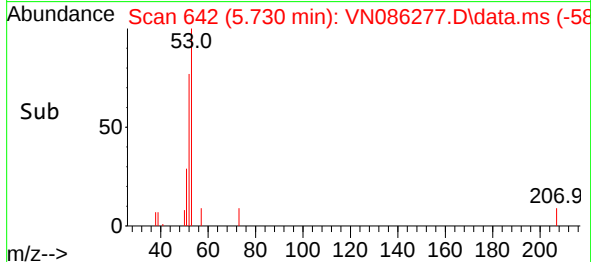
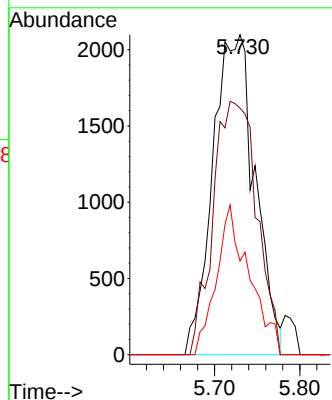
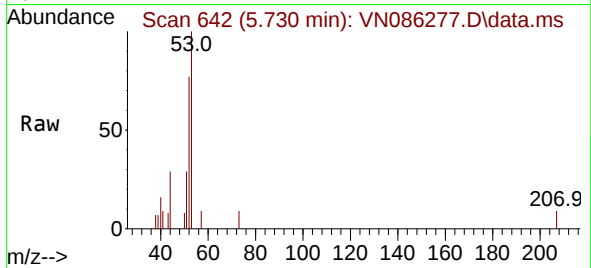




#15
Acrylonitrile
Concen: 5.069 ug/l
RT: 5.730 min Scan# 641
Delta R.T. 0.018 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

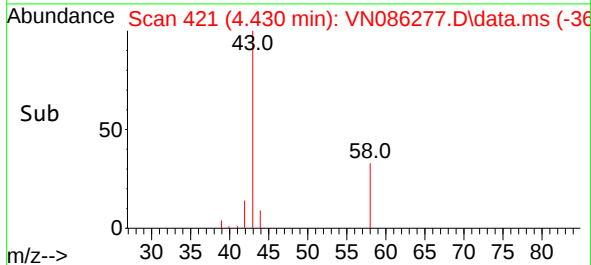
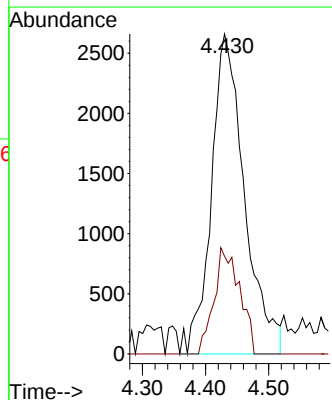
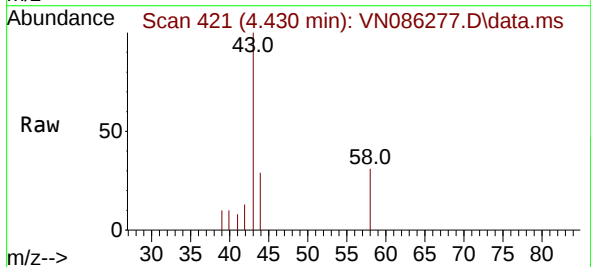
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

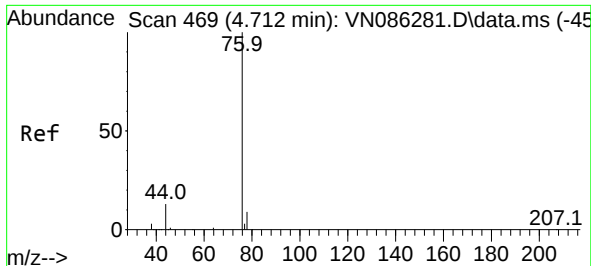
Tgt Ion: 53	Resp:	7256	
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	36.3	28.6	42.8



#16
Acetone
Concen: 3.186 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43	Resp:	9705	
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.3	37.9

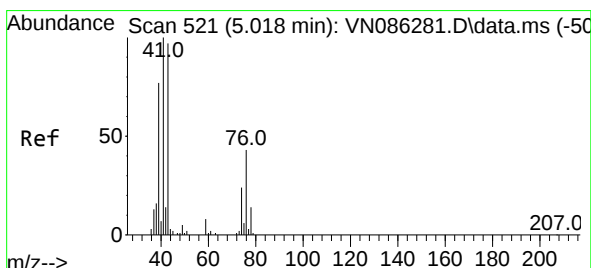
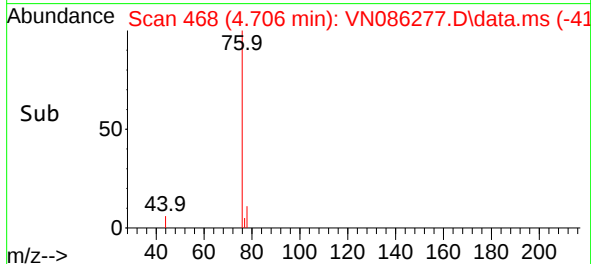
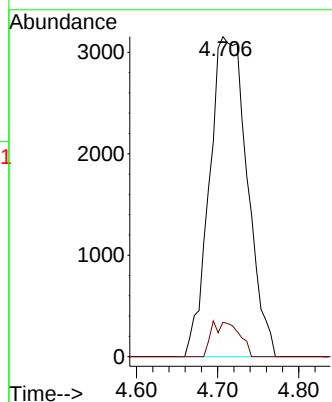
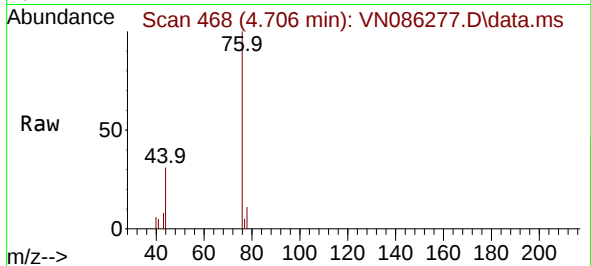




#17
Carbon Disulfide
Concen: 1.319 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

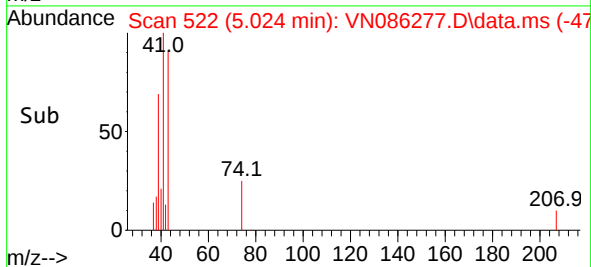
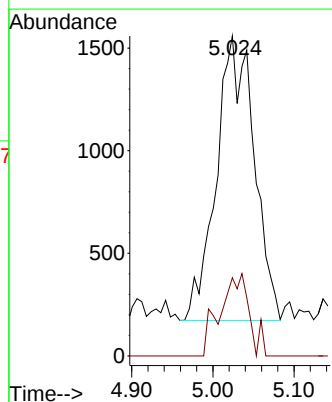
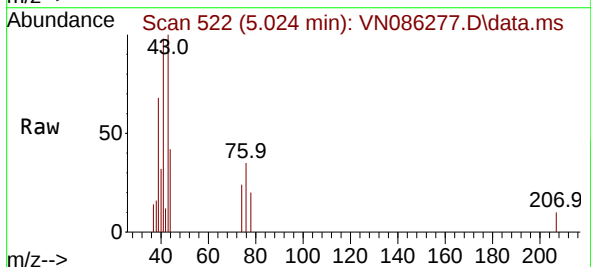
Instrument :
MSVOA_N
ClientSampleId :
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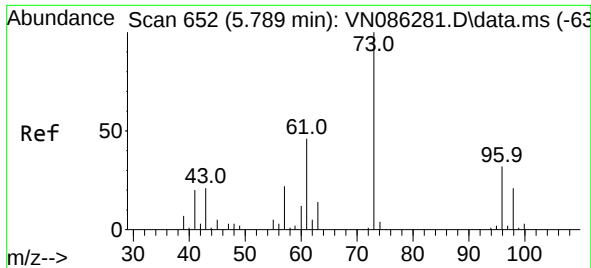
Tgt Ion: 76 Resp: 10177
Ion Ratio Lower Upper
76 100
78 10.7 7.6 11.4



#18
Methyl Acetate
Concen: 1.176 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 4481
Ion Ratio Lower Upper
43 100
74 20.9 19.8 29.6

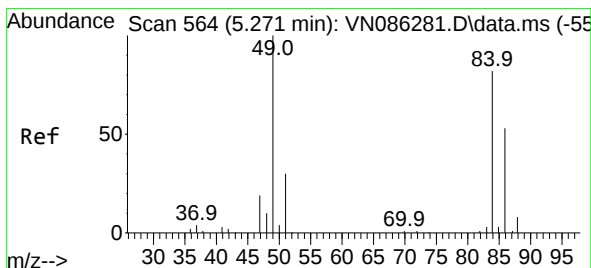
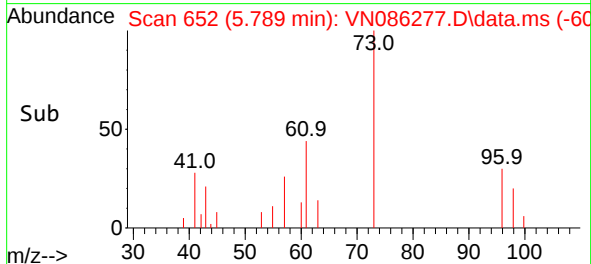
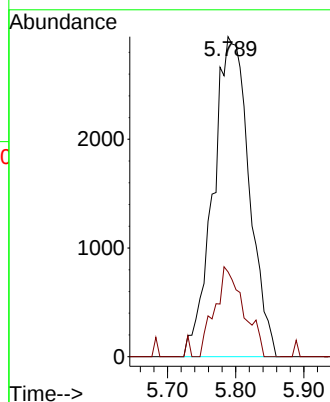
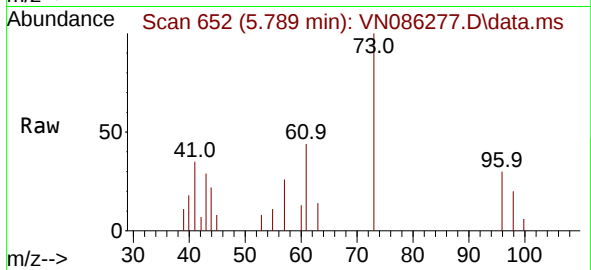




#19
Methyl tert-butyl Ether
Concen: 1.145 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

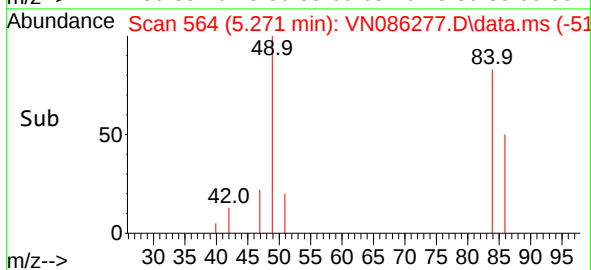
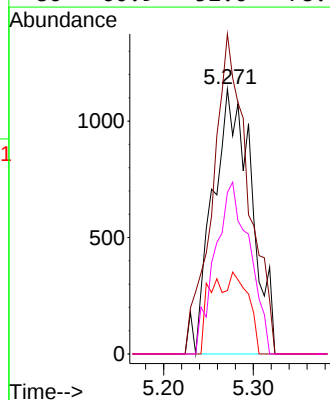
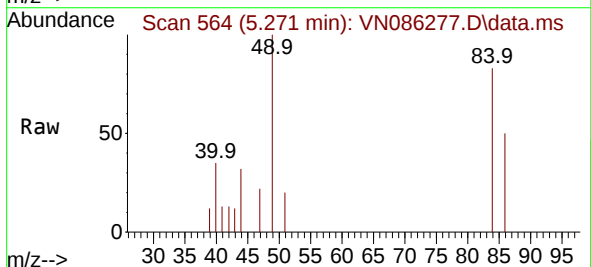
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

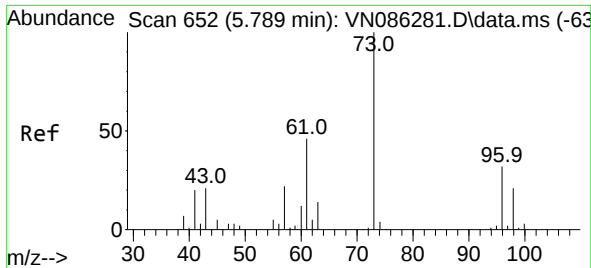
Tgt Ion: 73 Resp: 10847
Ion Ratio Lower Upper
73 100
57 26.5 17.6 26.4#



#20
Methylene Chloride
Concen: 1.167 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 84 Resp: 3423
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.2
51 23.9 29.8 44.6#
86 60.9 52.0 78.0

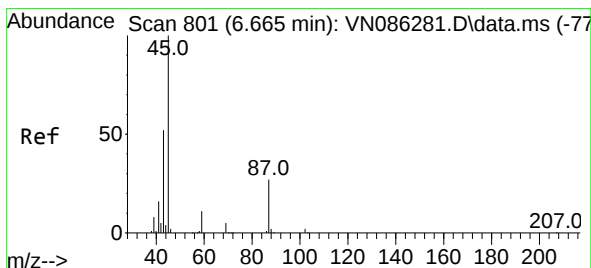
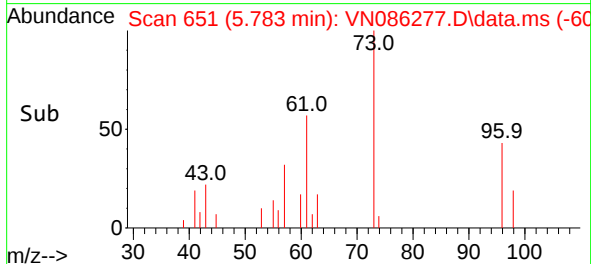
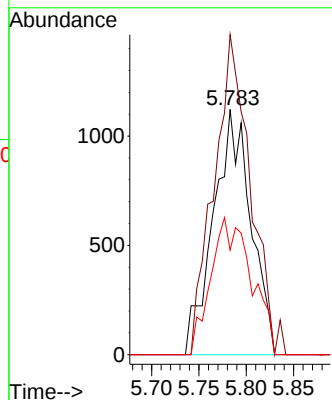
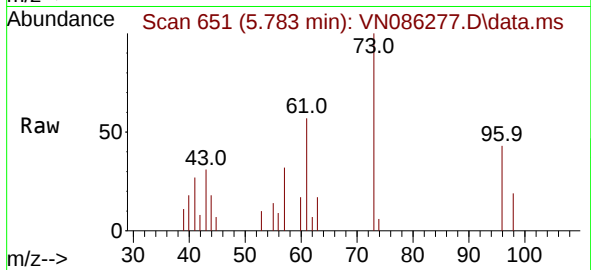




#21
trans-1,2-Dichloroethene
Concen: 1.143 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

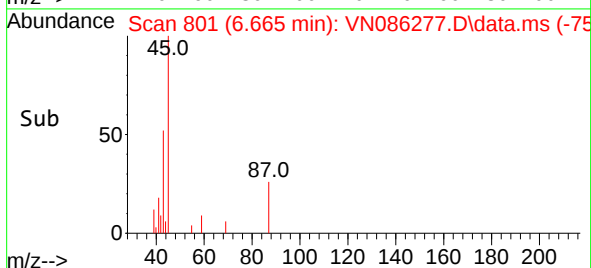
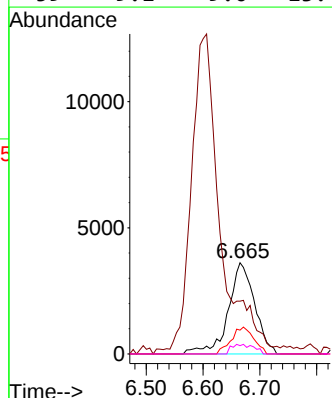
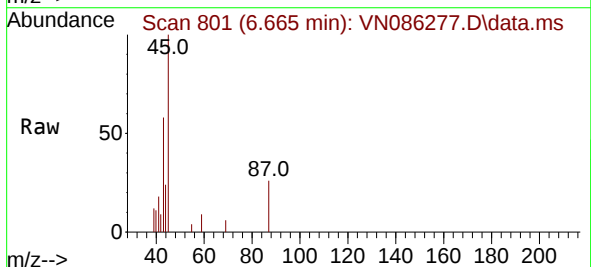
Instrument :
MSVOA_N
ClientSampleId :
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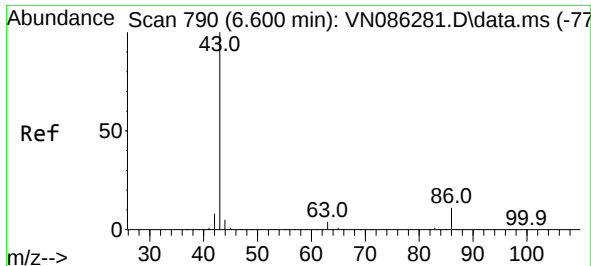
Tgt Ion: 96 Resp: 3079
Ion Ratio Lower Upper
96 100
61 130.5 114.6 171.8
98 42.7 51.2 76.8#



#22
Diisopropyl ether
Concen: 1.169 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 45 Resp: 11644
Ion Ratio Lower Upper
45 100
43 51.1 41.8 62.8
87 26.2 21.6 32.4
59 9.1 9.0 13.4

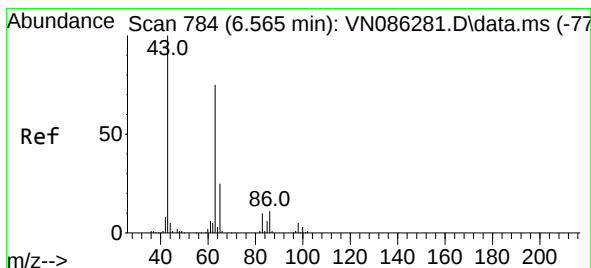
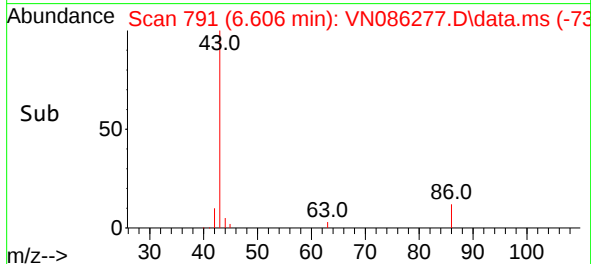
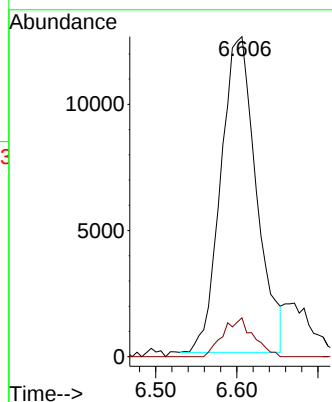
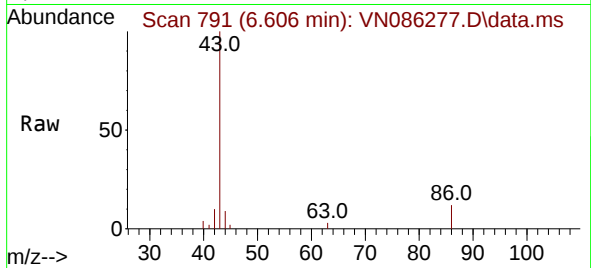




#23
 Vinyl Acetate
 Concen: 5.479 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

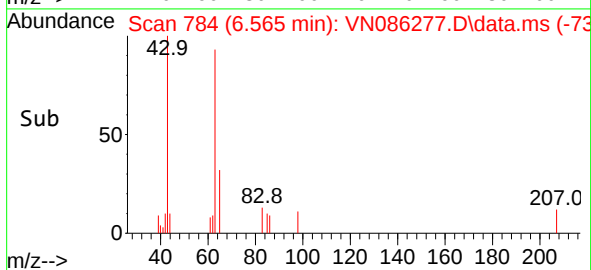
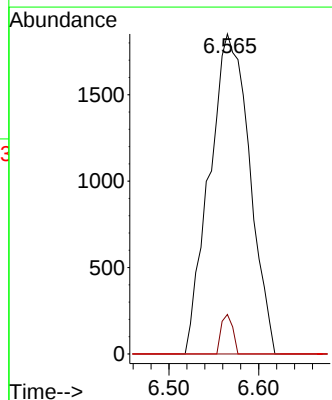
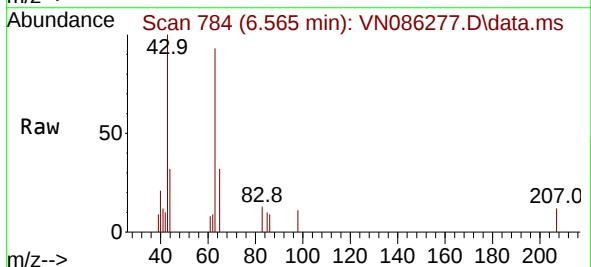
Instrument :
 MSVOA_N
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 VSTDIC001

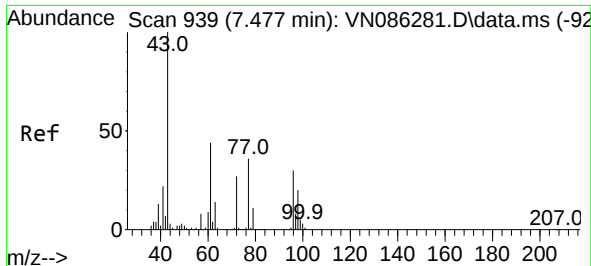
Tgt Ion: 43 Resp: 38143
 Ion Ratio Lower Upper
 43 100
 86 12.3 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 1.095 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 63 Resp: 5756
 Ion Ratio Lower Upper
 63 100
 98 12.3 3.4 10.2#
 100 0.0 2.1 6.5#

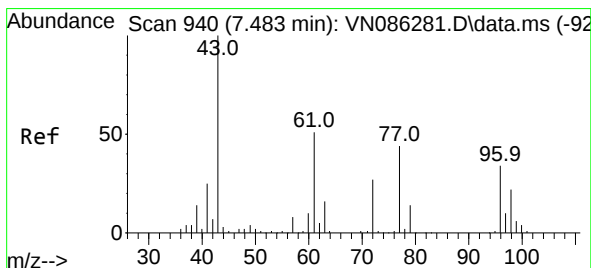
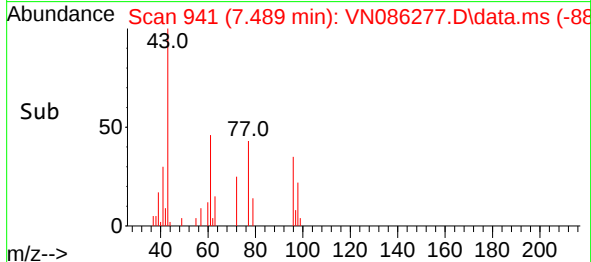
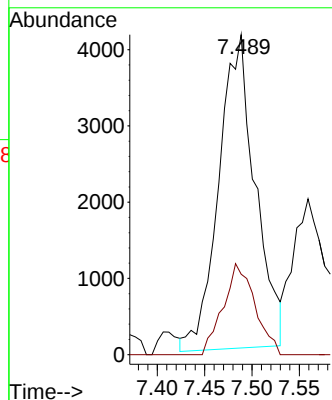
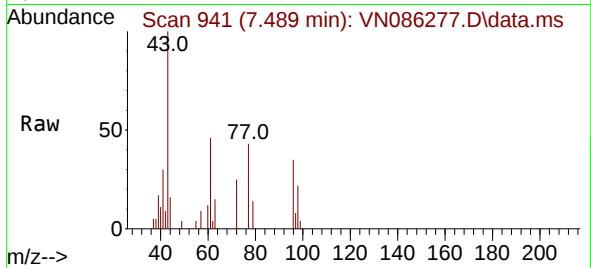




#25
2-Butanone
Concen: 5.581 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

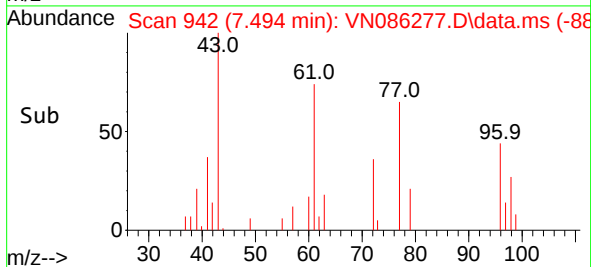
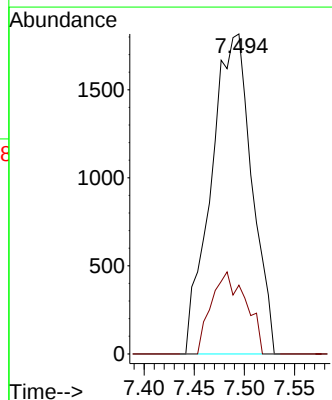
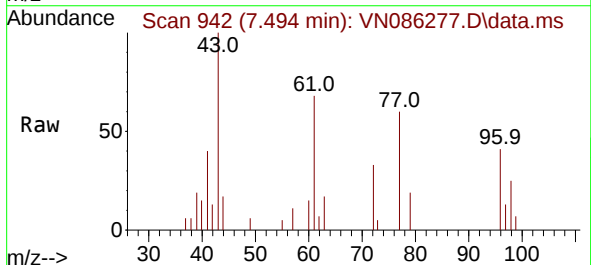
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

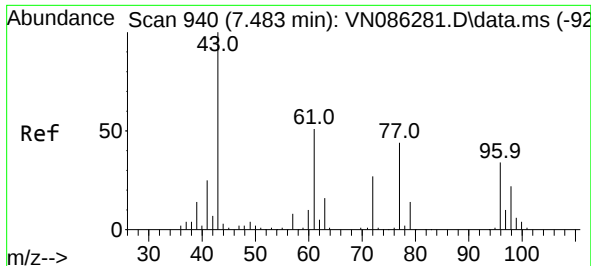
Tgt Ion: 43 Resp: 11026
Ion Ratio Lower Upper
43 100
72 26.5 21.7 32.5



#26
2,2-Dichloropropane
Concen: 1.092 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 77 Resp: 5139
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.5

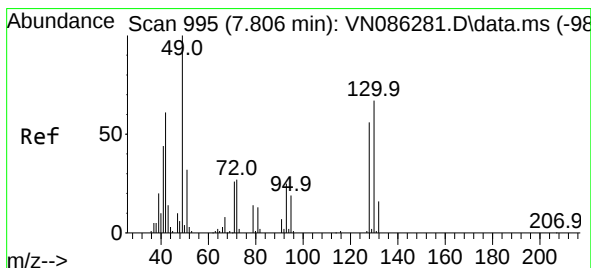
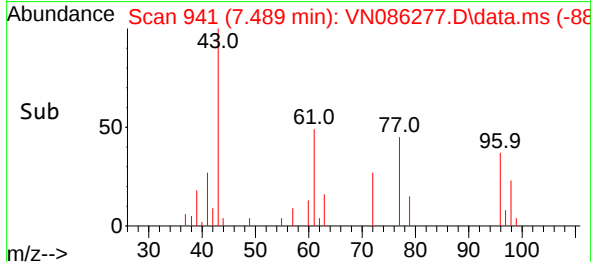
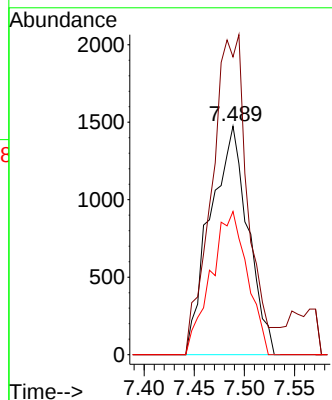
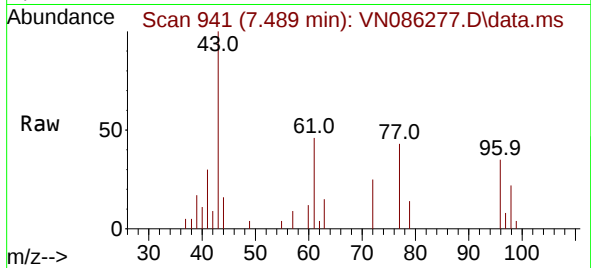




#27
 cis-1,2-Dichloroethene
 Concen: 1.154 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

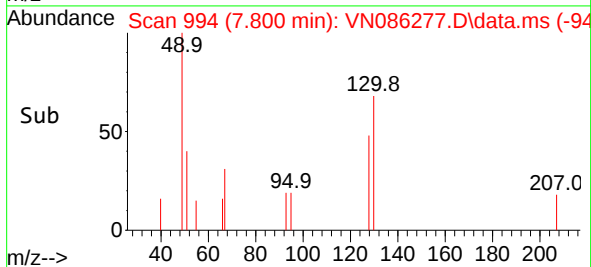
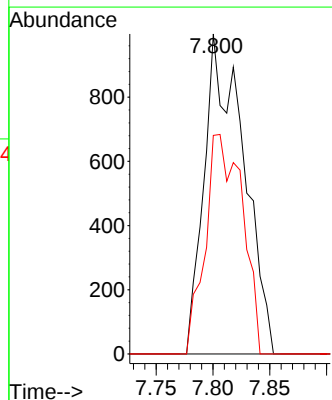
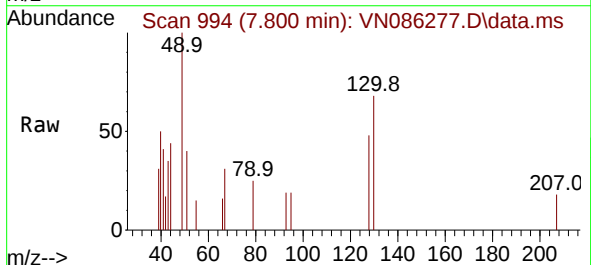
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

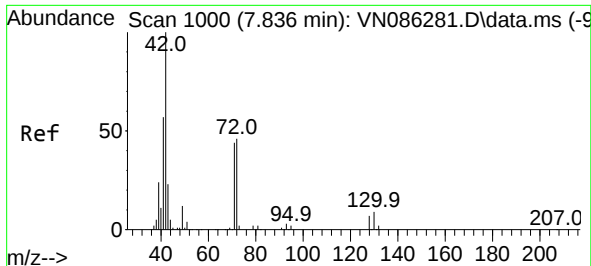
Tgt Ion:	96	Resp:	3859
Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	299.0
98	60.5	0.0	129.6



#28
 Bromochloromethane
 Concen: 1.071 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion:	49	Resp:	2387
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	64.9	57.1	85.7





#29

Tetrahydrofuran

Concen: 5.577 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

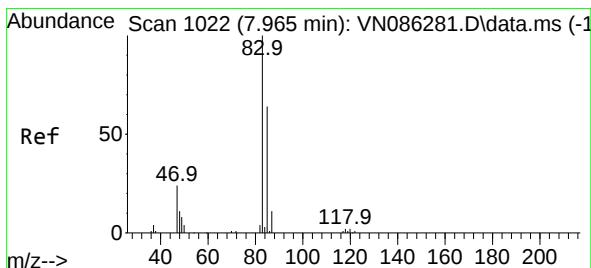
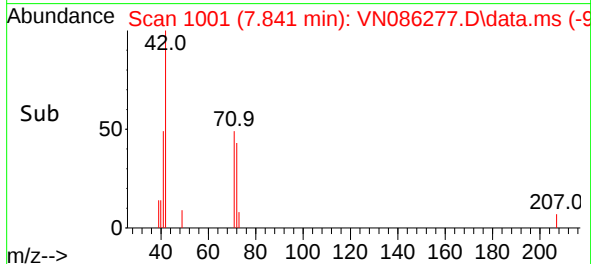
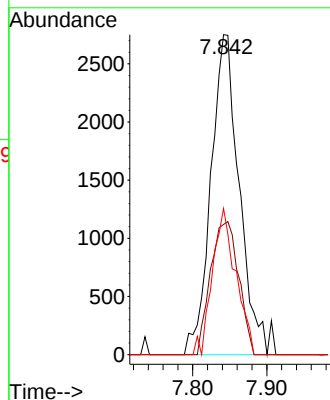
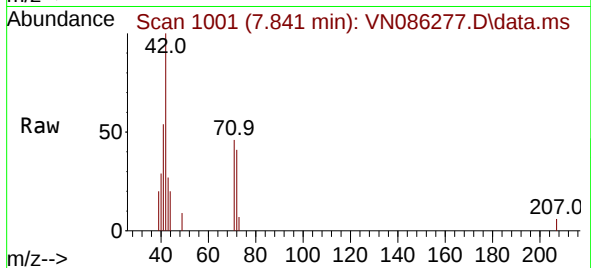
Tgt Ion: 42 Resp: 7367

Ion Ratio Lower Upper

42 100

72 40.8 36.2 54.4

71 37.4 34.0 51.0



#30

Chloroform

Concen: 1.118 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN086277.D

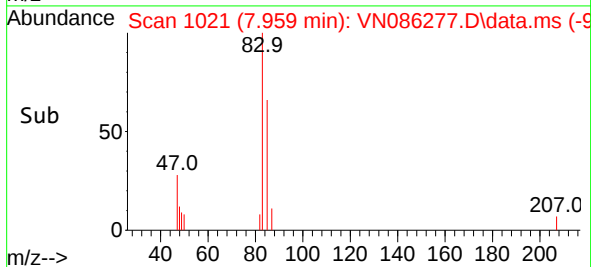
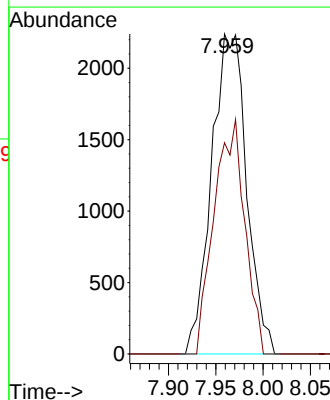
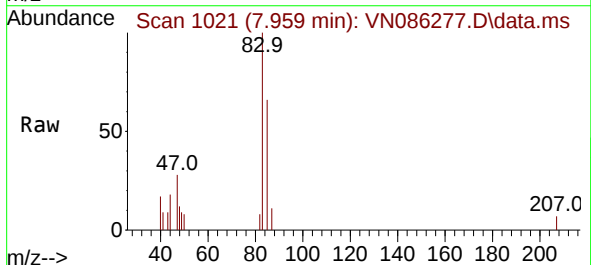
Acq: 15 Apr 2025 11:29

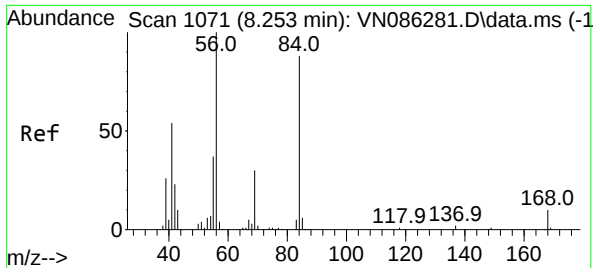
Tgt Ion: 83 Resp: 5771

Ion Ratio Lower Upper

83 100

85 66.0 51.5 77.3

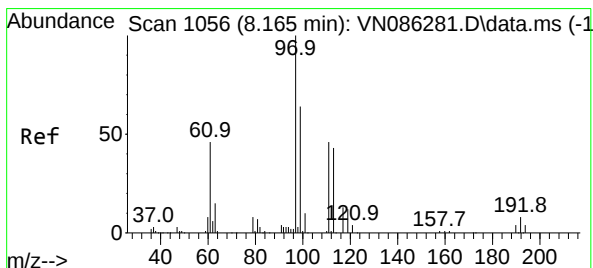
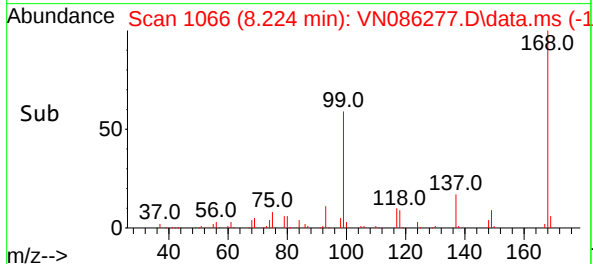
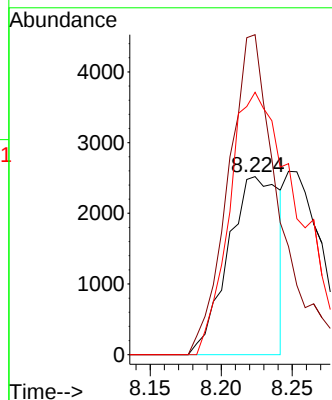
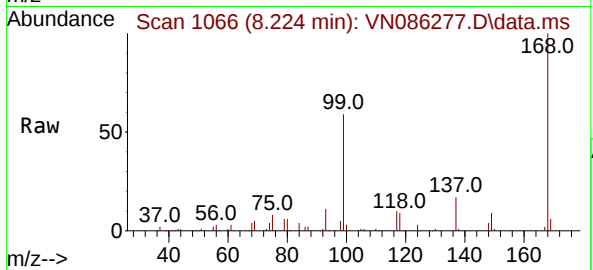




#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

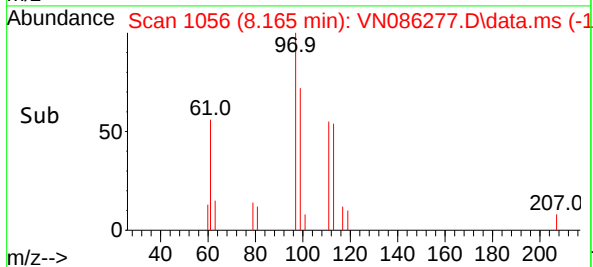
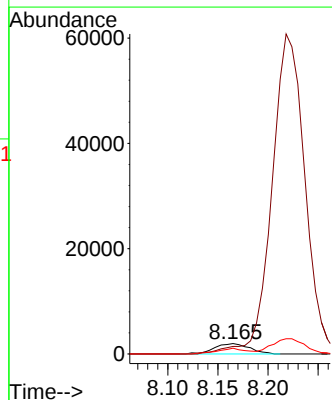
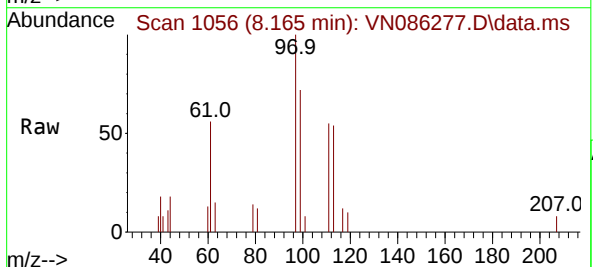
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

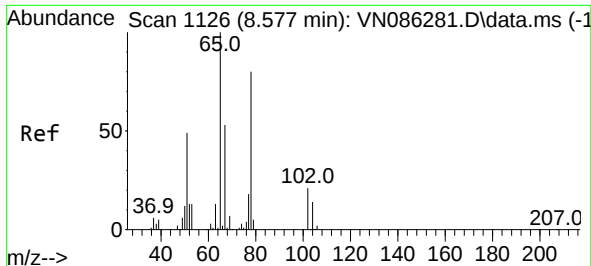
Tgt Ion: 56 Resp: 6288
Ion Ratio Lower Upper
56 100
69 179.7 24.2 36.2#
84 147.4 70.3 105.5#



#32
1,1,1-Trichloroethane
Concen: 1.085 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 97 Resp: 4792
Ion Ratio Lower Upper
97 100
99 0.0 52.7 79.1#
61 46.6 39.5 59.3

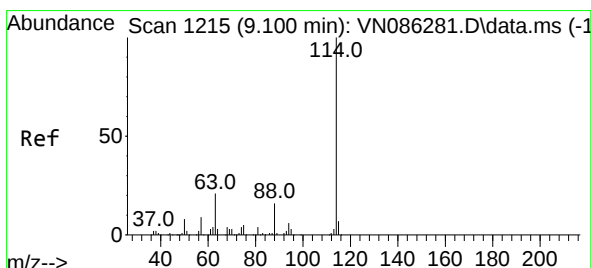
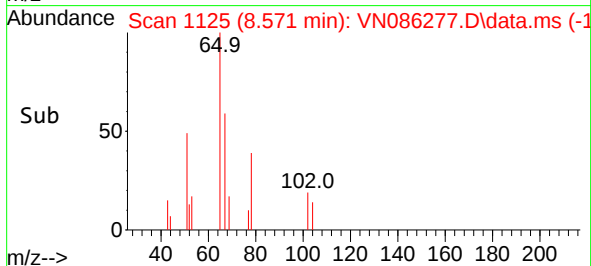
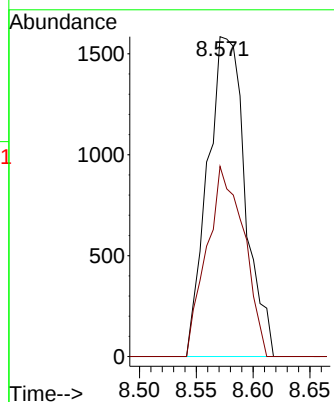
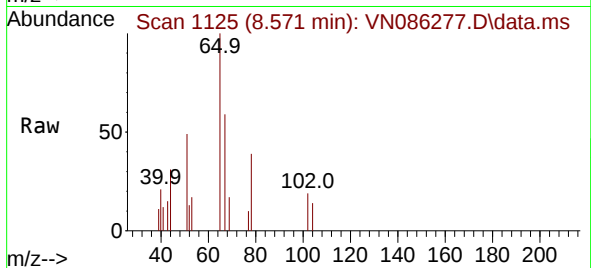




#33
 1,2-Dichloroethane-d4
 Concen: 1.153 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

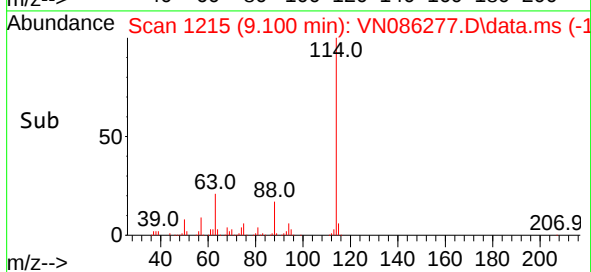
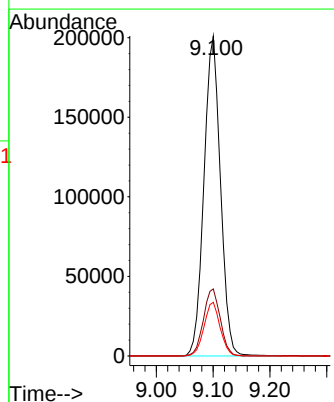
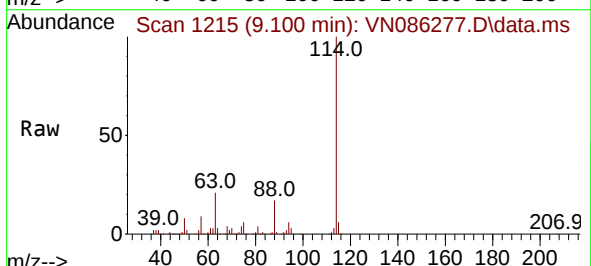
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

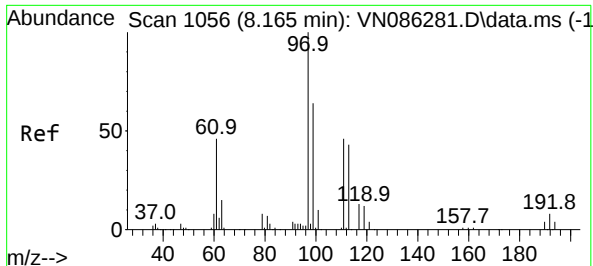
Tgt Ion: 65 Resp: 3660
 Ion Ratio Lower Upper
 65 100
 67 58.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 114 Resp: 404752
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.6
 88 16.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 1.276 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

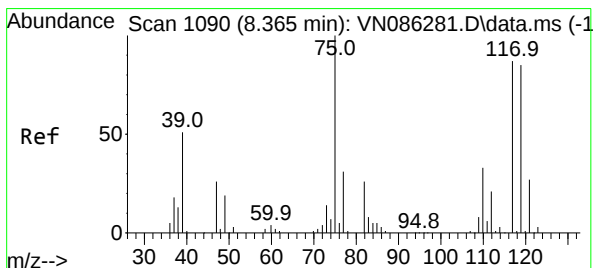
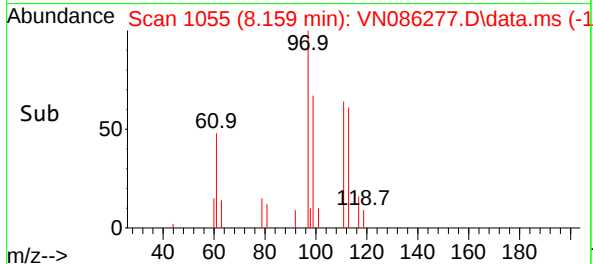
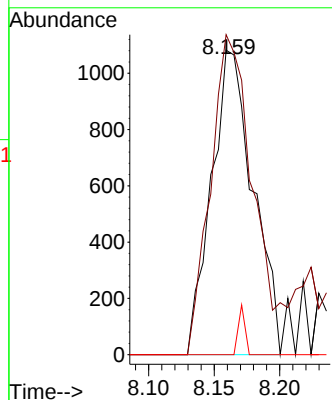
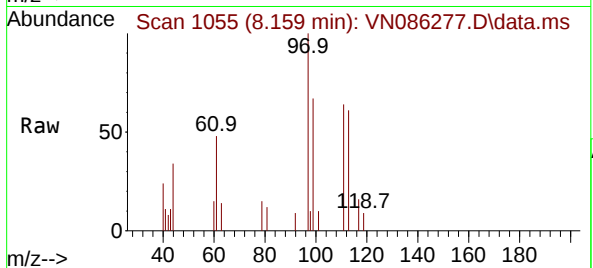
Tgt Ion:113 Resp: 2397

Ion Ratio Lower Upper

113 100

111 108.6 83.4 125.0

192 2.6 13.7 20.5#



#36

1,1-Dichloropropene

Concen: 1.099 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

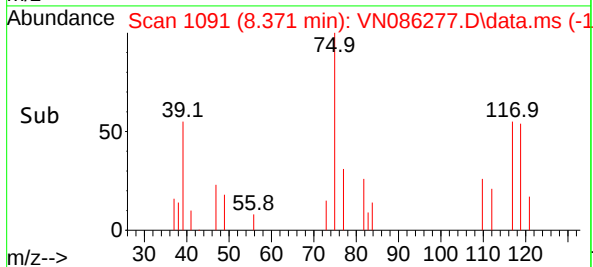
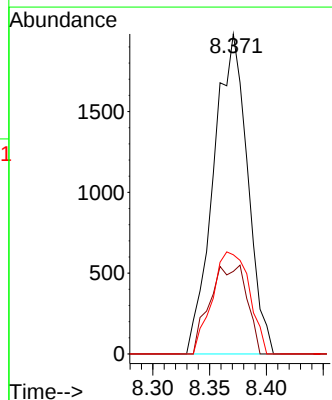
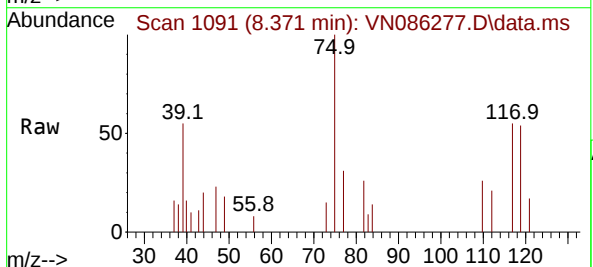
Tgt Ion: 75 Resp: 4123

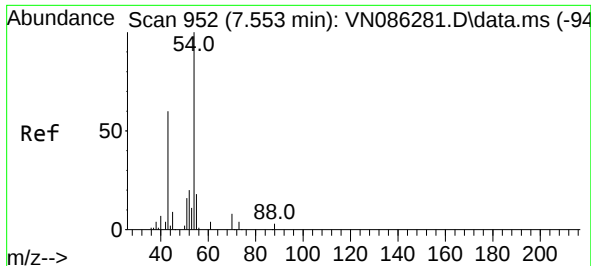
Ion Ratio Lower Upper

75 100

110 30.0 16.8 50.4

77 34.7 24.9 37.3

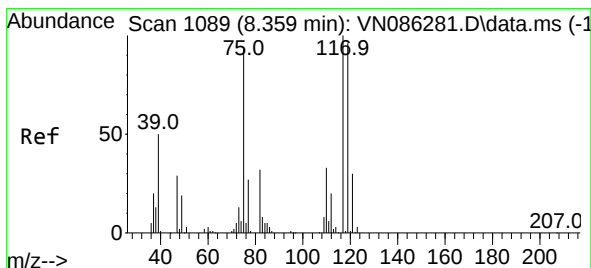
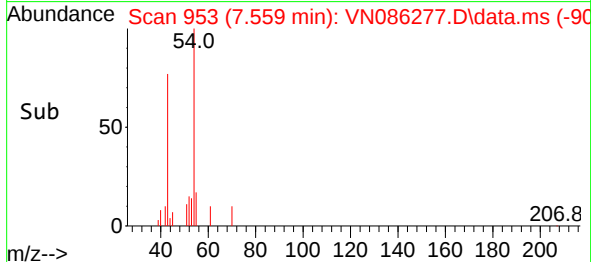
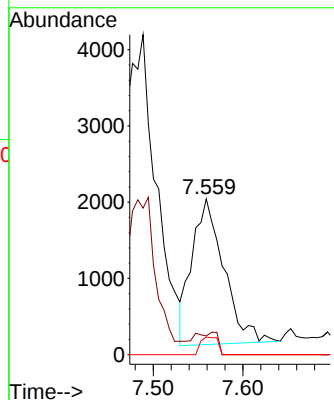
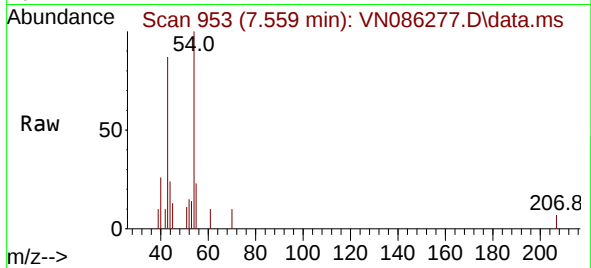




#37
Ethyl Acetate
Concen: 1.198 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

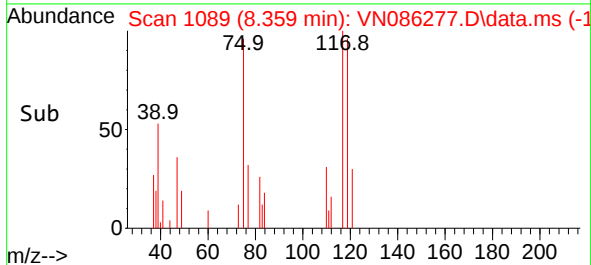
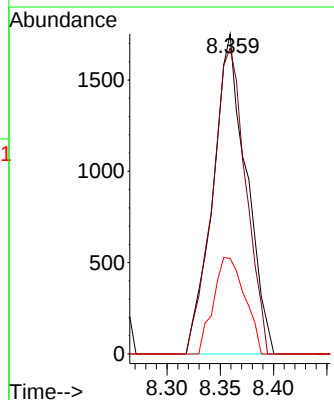
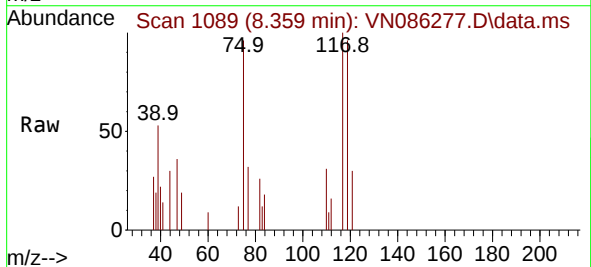
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

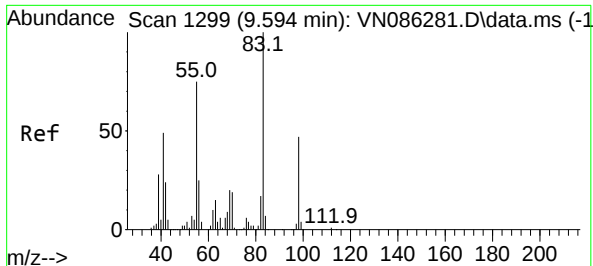
Tgt Ion: 43 Resp: 4732
Ion Ratio Lower Upper
43 100
61 11.6 11.1 16.7
70 6.4 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 1.066 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 117 Resp: 3808
Ion Ratio Lower Upper
117 100
119 95.5 76.8 115.2
121 29.9 23.8 35.8

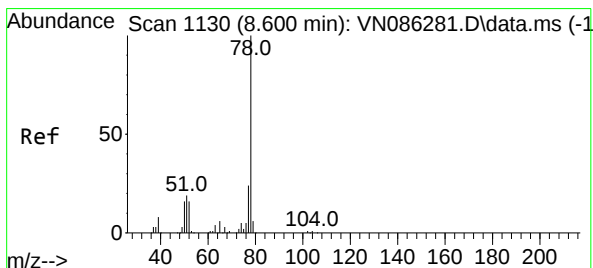
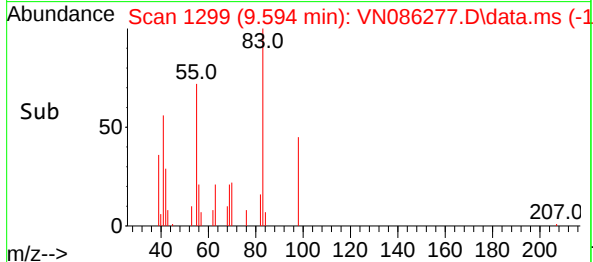
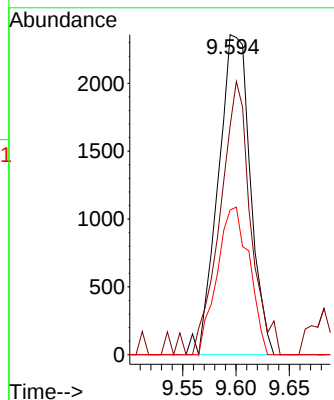
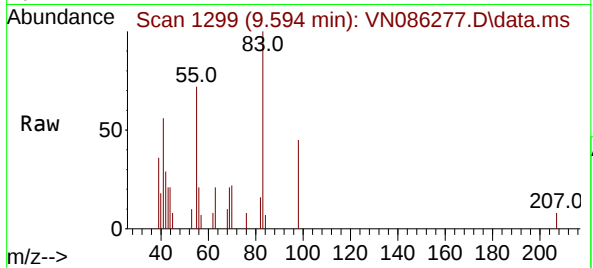




#39
Methylcyclohexane
Concen: 1.110 ug/l
RT: 9.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

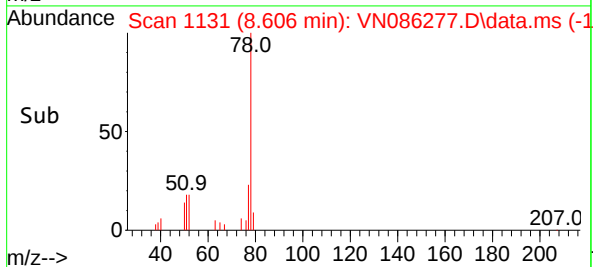
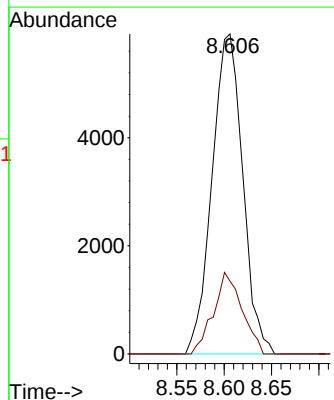
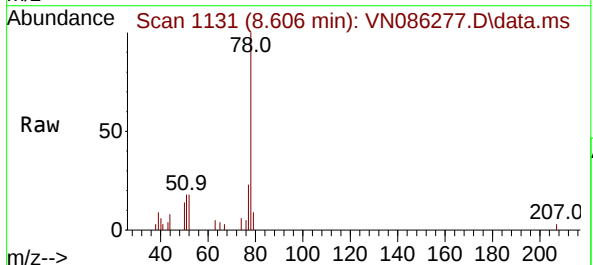
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

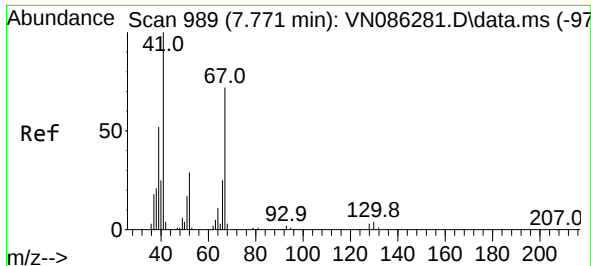
Tgt Ion:	83	Resp:	4950
Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.8	89.8
98	45.2	37.9	56.9



#40
Benzene
Concen: 1.110 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:	78	Resp:	13340
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.4	29.2

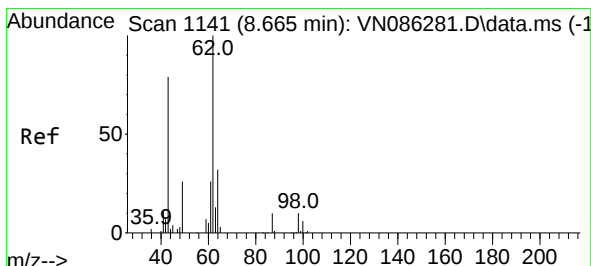
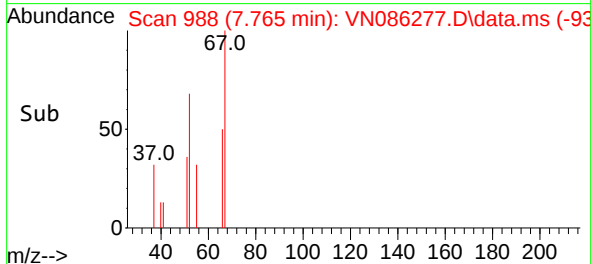
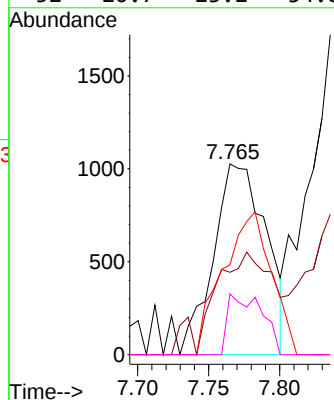
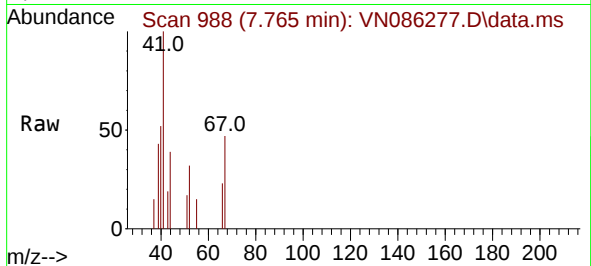




#41
Methacrylonitrile
Concen: 1.158 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

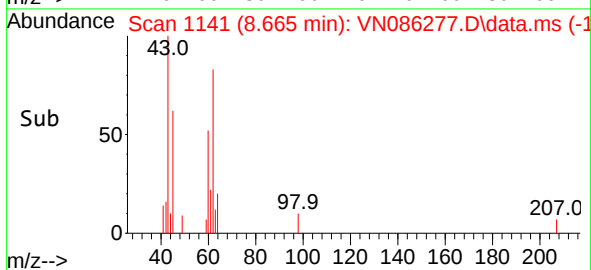
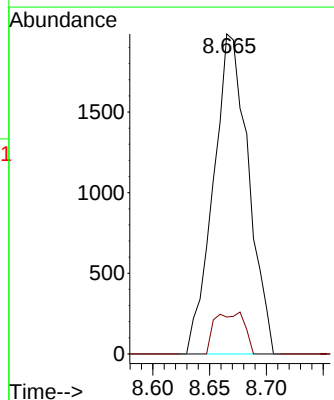
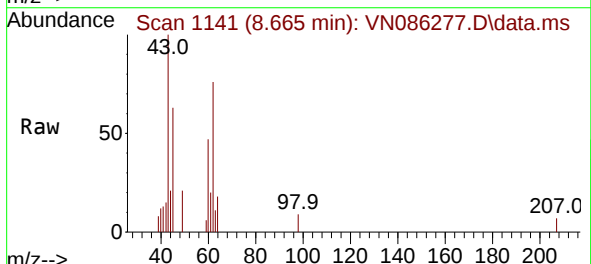
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

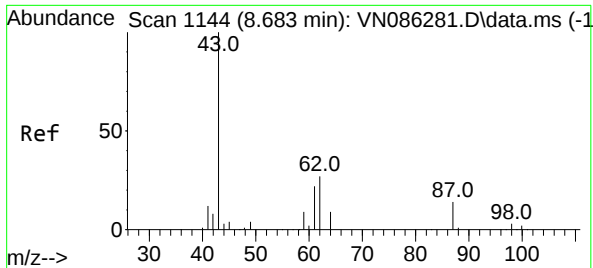
Tgt Ion:	41	Resp:	2651
Ion	Ratio	Lower	Upper
41	100		
39	55.5	43.0	64.4
67	68.9	58.8	88.2
52	20.7	23.2	34.8



#42
1,2-Dichloroethane
Concen: 1.111 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:	62	Resp:	4258
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.2

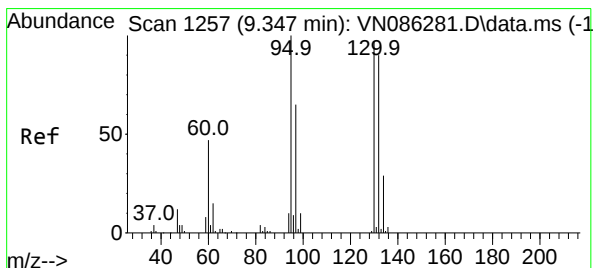
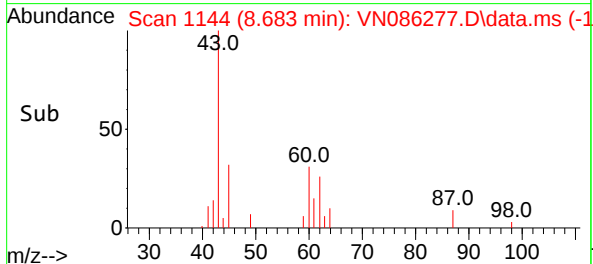
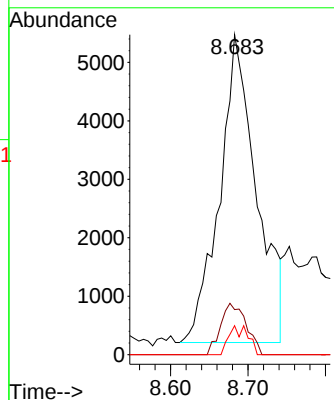
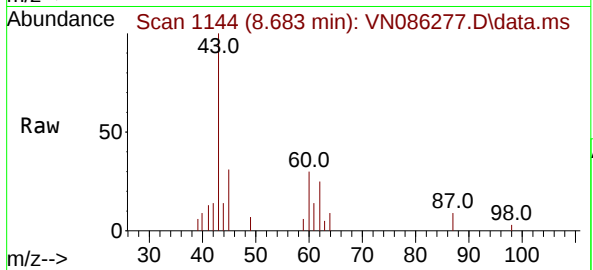




#43
Isopropyl Acetate
Concen: 0.619 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

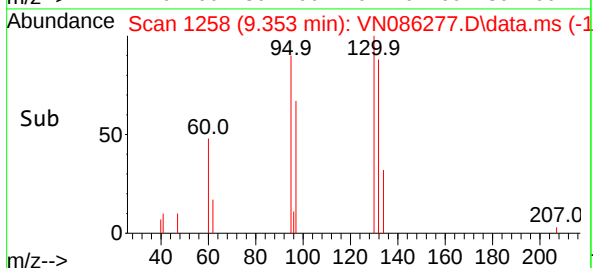
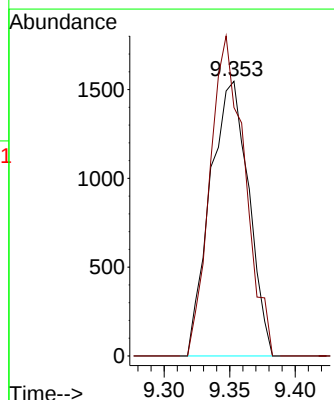
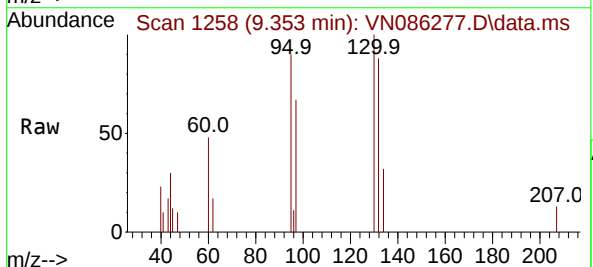
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

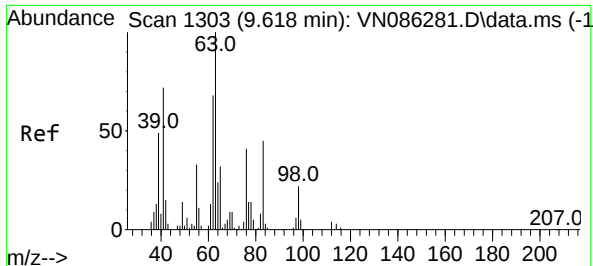
Tgt Ion: 43 Resp: 17444
Ion Ratio Lower Upper
43 100
61 11.6 20.5 30.7#
87 4.9 10.5 15.7#



#44
Trichloroethene
Concen: 1.108 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:130 Resp: 3157
Ion Ratio Lower Upper
130 100
95 90.4 0.0 207.2





#45

1,2-Dichloropropane

Concen: 1.041 ug/l

RT: 9.612 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

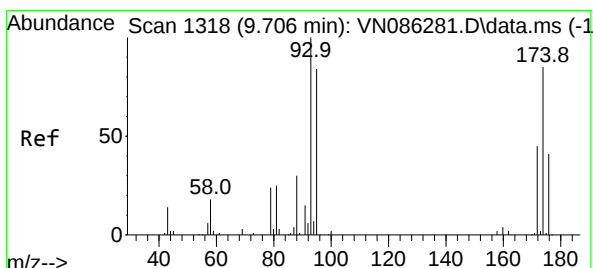
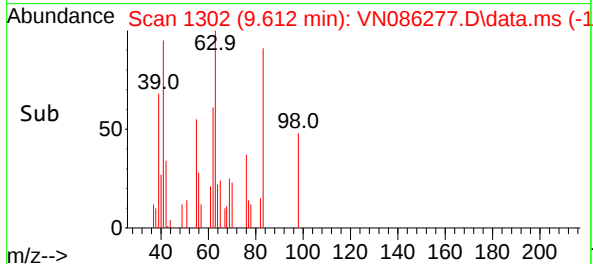
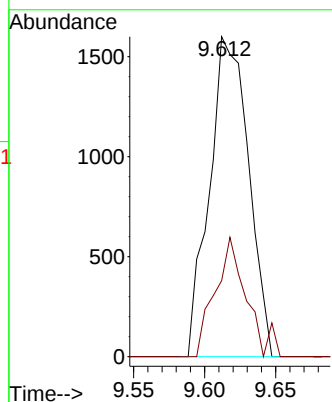
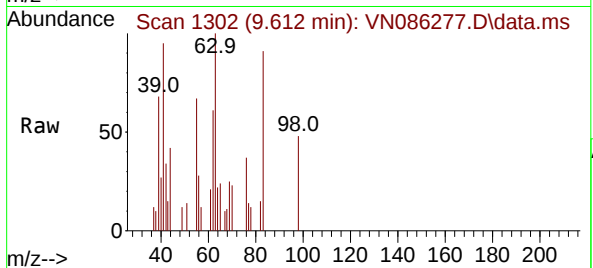
VSTDIC001

Tgt Ion: 63 Resp: 3063

Ion Ratio Lower Upper

63 100

65 23.8 25.4 38.2#



#46

Dibromomethane

Concen: 1.009 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

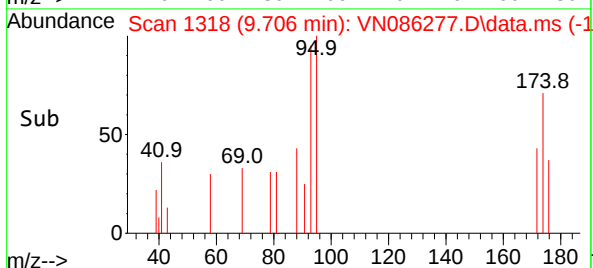
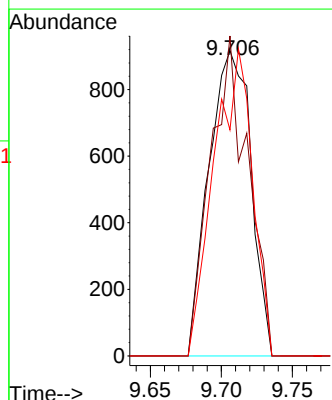
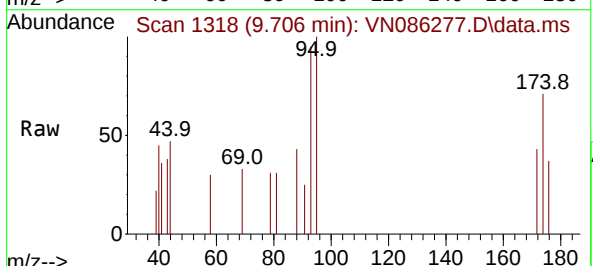
Tgt Ion: 93 Resp: 1891

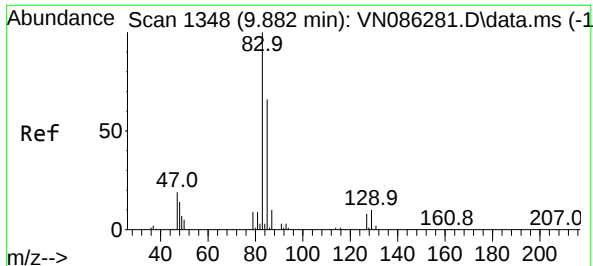
Ion Ratio Lower Upper

93 100

95 92.9 66.2 99.4

174 91.8 67.8 101.6

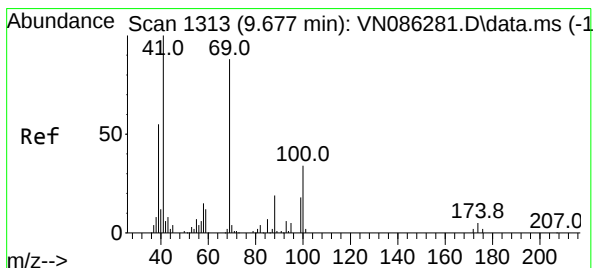
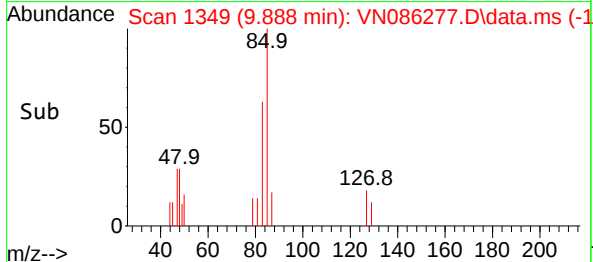
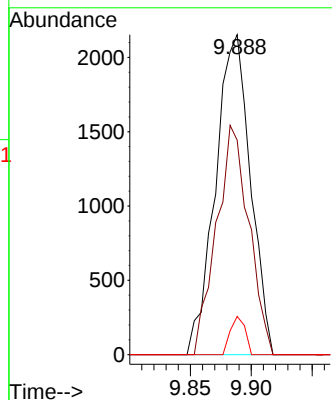
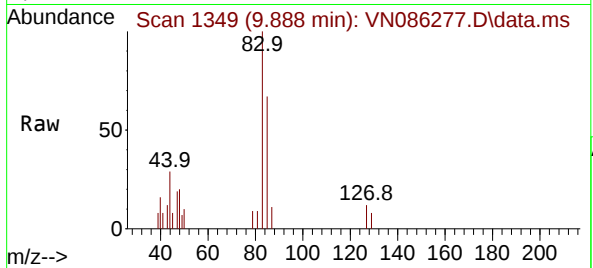




#47
Bromodichloromethane
Concen: 1.062 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

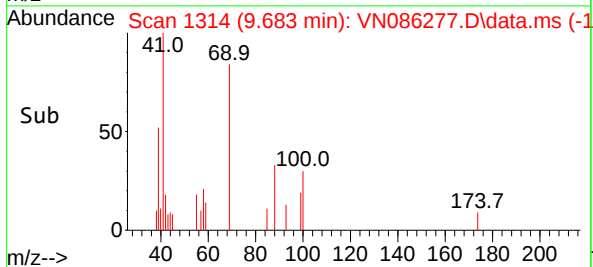
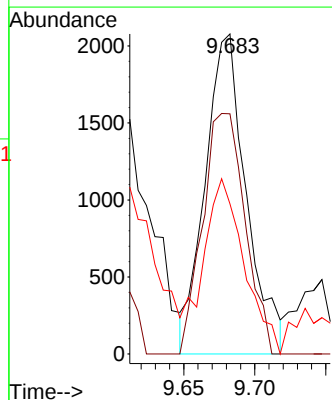
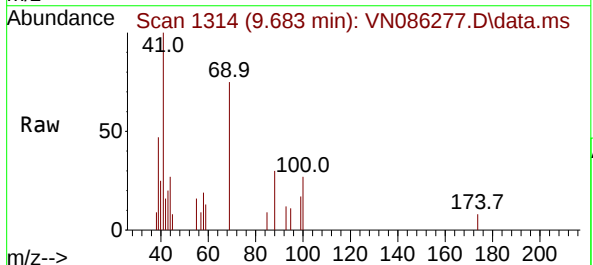
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

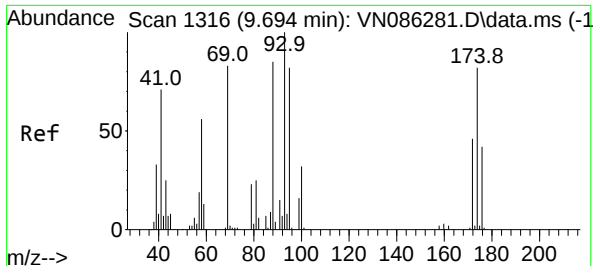
Tgt Ion: 83 Resp: 4302
Ion Ratio Lower Upper
83 100
85 67.1 52.6 78.8
127 11.9 6.1 9.1#



#48
Methyl methacrylate
Concen: 1.206 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 41 Resp: 4185
Ion Ratio Lower Upper
41 100
69 77.7 68.2 102.2
39 54.6 45.2 67.8





#49

1,4-Dioxane

Concen: 25.032 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

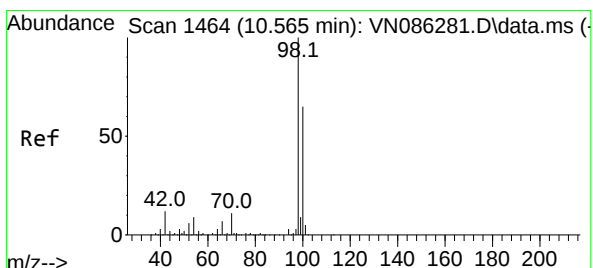
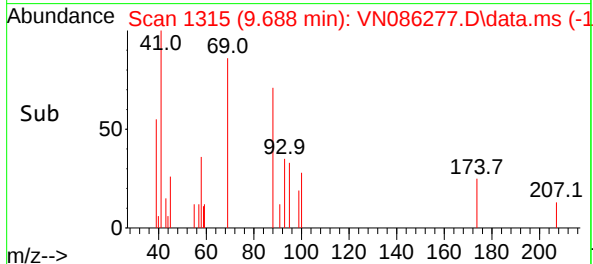
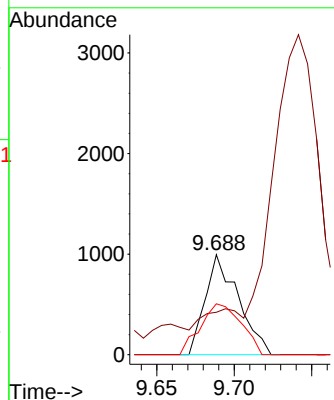
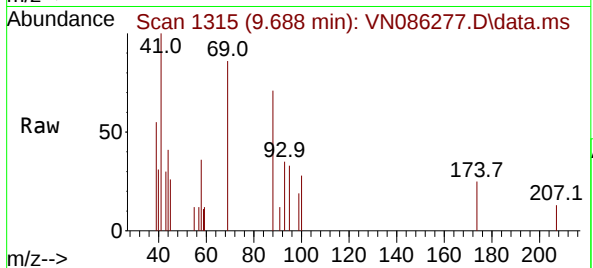
Tgt Ion: 88 Resp: 1477

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 62.7 57.4 86.2



#50

Toluene-d8

Concen: 1.081 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086277.D

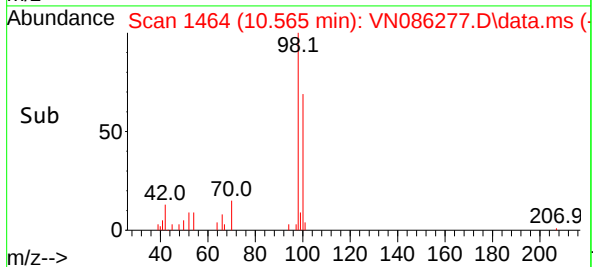
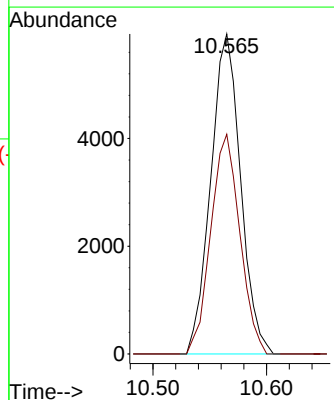
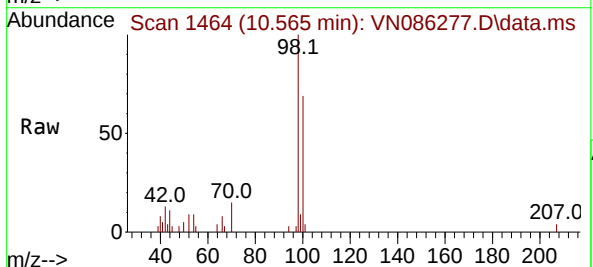
Acq: 15 Apr 2025 11:29

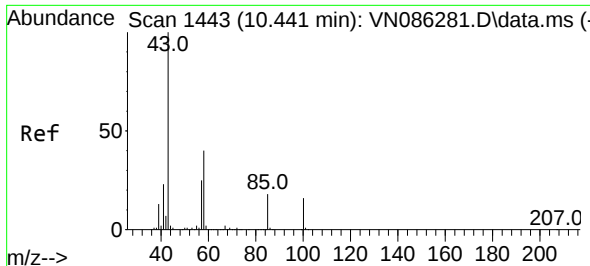
Tgt Ion: 98 Resp: 10851

Ion Ratio Lower Upper

98 100

100 66.9 52.5 78.7

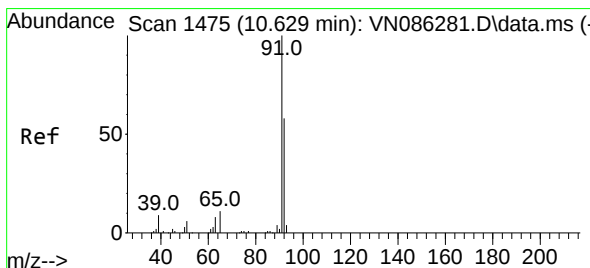
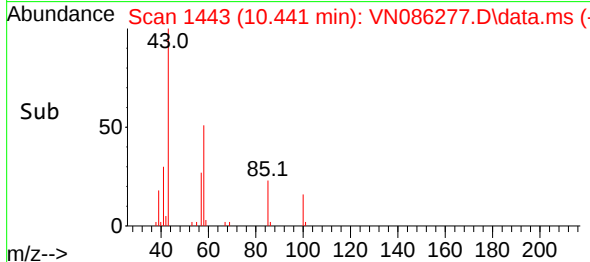
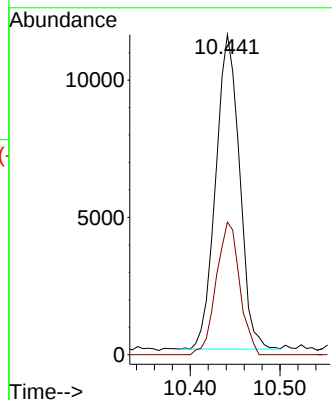
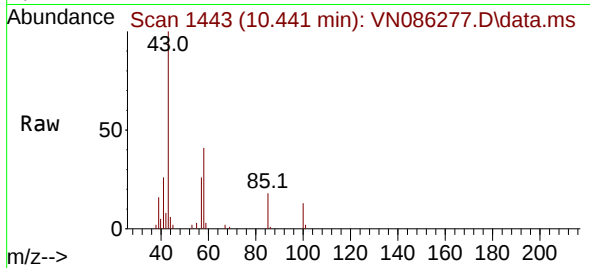




#51
4-Methyl-2-Pentanone
Concen: 5.227 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

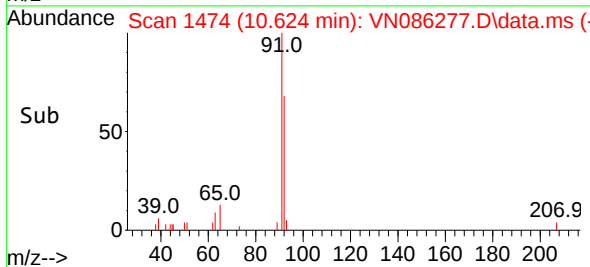
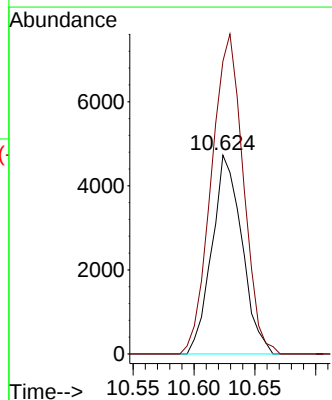
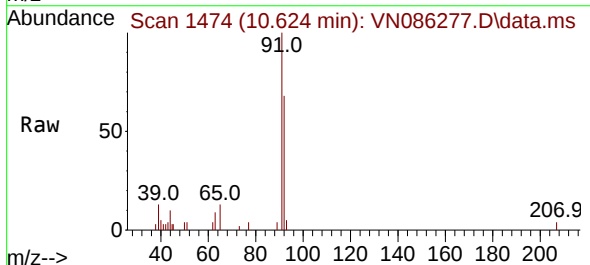
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

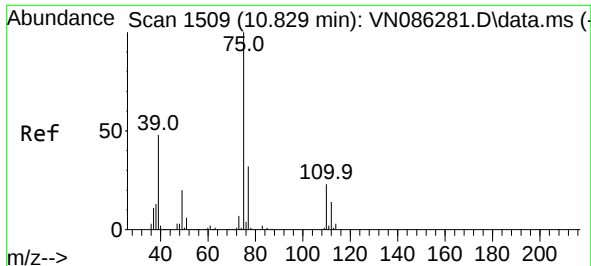
Tgt Ion: 43 Resp: 21143
Ion Ratio Lower Upper
43 100
58 41.3 32.2 48.4



#52
Toluene
Concen: 1.083 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 92 Resp: 8120
Ion Ratio Lower Upper
92 100
91 170.7 137.3 205.9

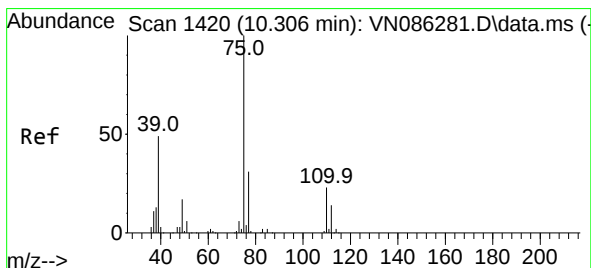
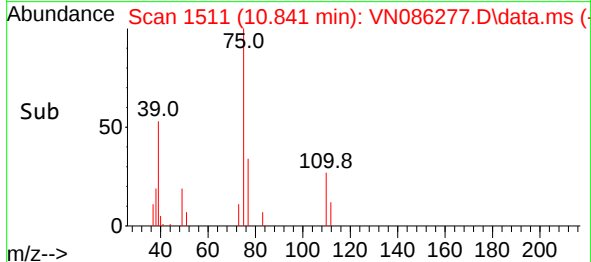
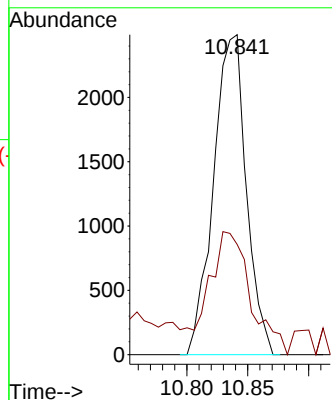
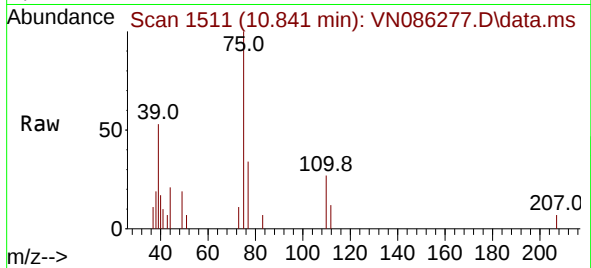




#53
 t-1,3-Dichloropropene
 Concen: 1.032 ug/l
 RT: 10.841 min Scan# 1509
 Delta R.T. 0.012 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

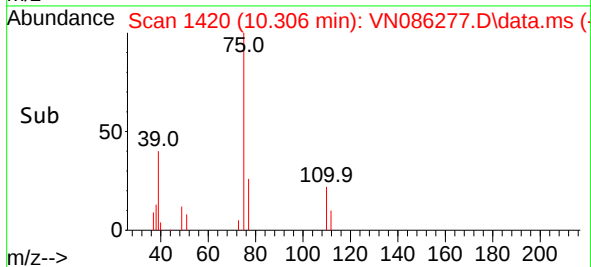
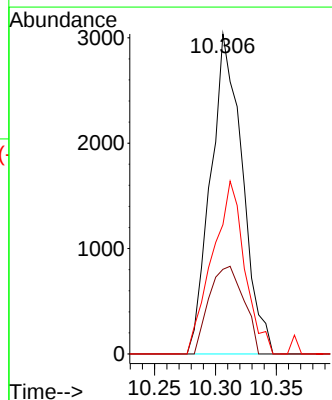
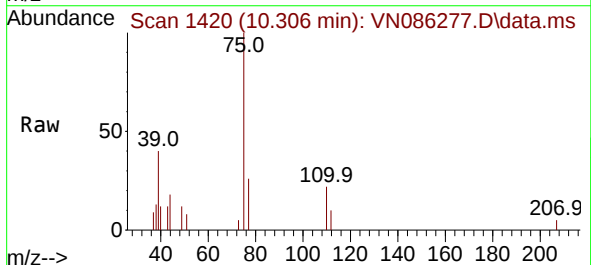
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

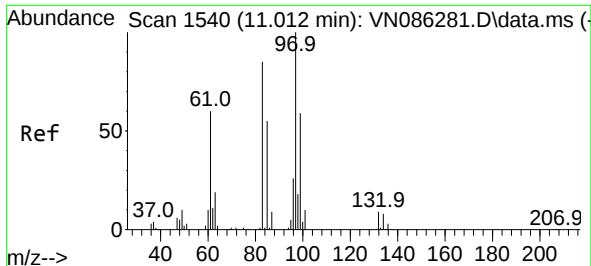
Tgt Ion: 75 Resp: 4663
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 1.107 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 5497
 Ion Ratio Lower Upper
 75 100
 77 26.4 25.2 37.8
 39 40.4 39.3 58.9

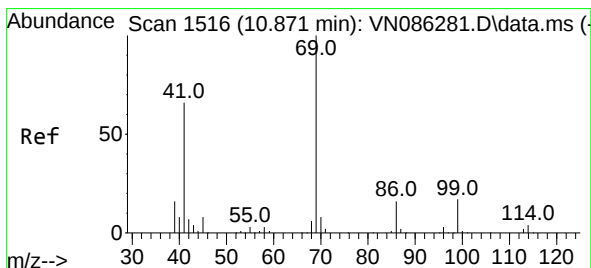
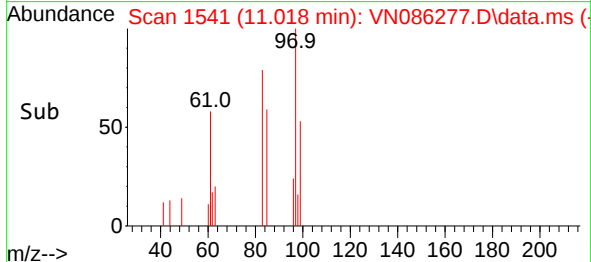
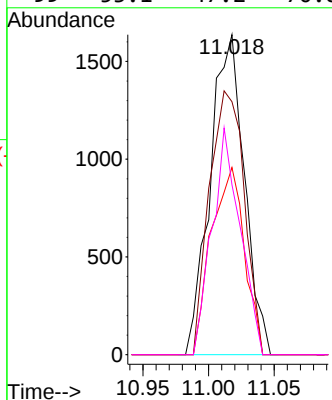
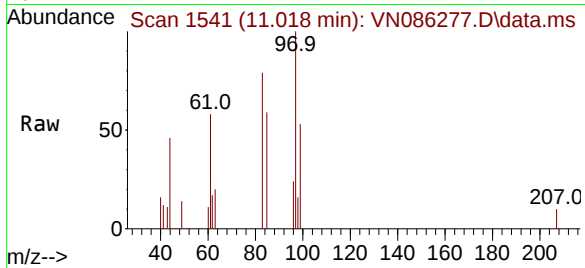




#55
 1,1,2-Trichloroethane
 Concen: 1.099 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

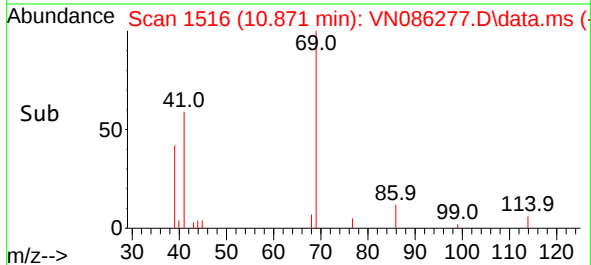
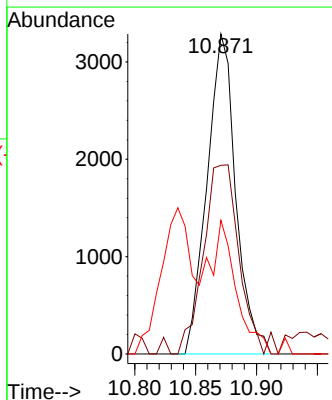
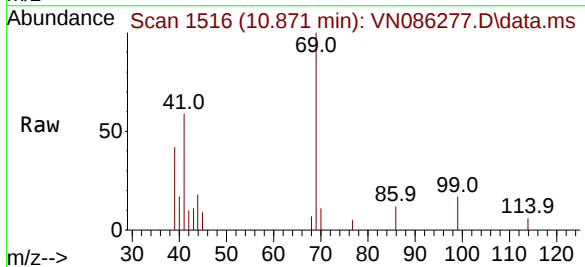
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

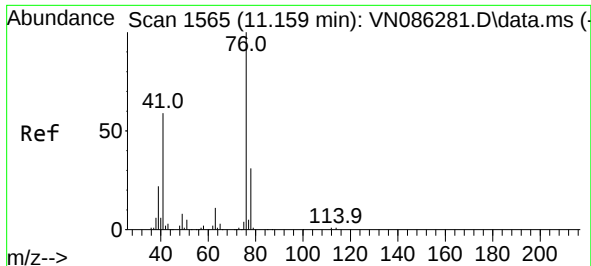
Tgt Ion: 97	Resp: 2967
Ion Ratio	Lower Upper
97 100	
83 79.0	68.4 102.6
85 58.5	43.9 65.9
99 53.1	47.2 70.8



#56
 Ethyl methacrylate
 Concen: 1.090 ug/l
 RT: 10.871 min Scan# 1516
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 69	Resp: 5409
Ion Ratio	Lower Upper
69 100	
41 72.0	51.7 77.5
39 38.9	26.3 39.5





#57

1,3-Dichloropropane

Concen: 1.063 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

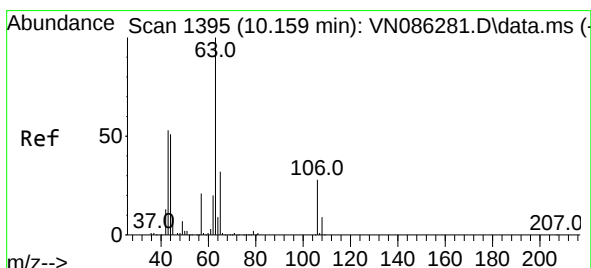
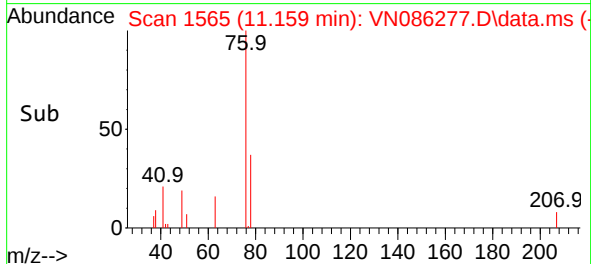
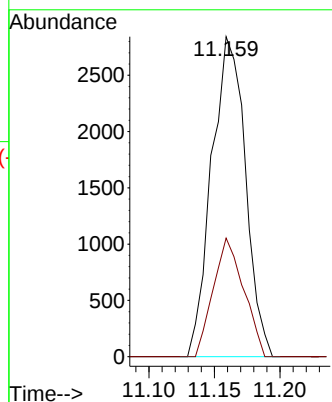
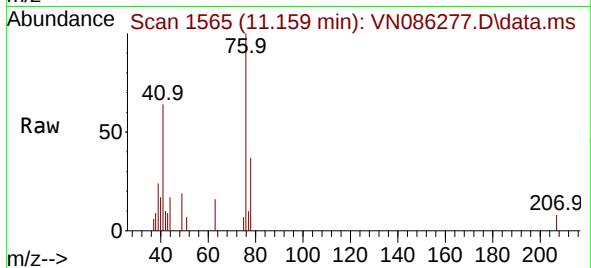
VSTDIC001

Tgt Ion: 76 Resp: 5091

Ion Ratio Lower Upper

76 100

78 33.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 5.048 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086277.D

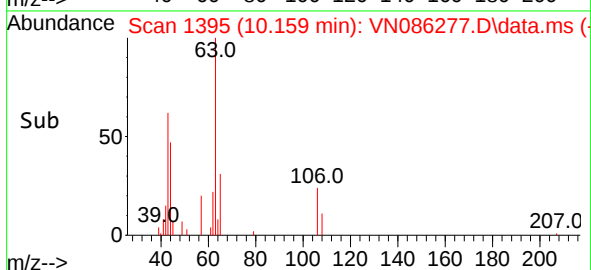
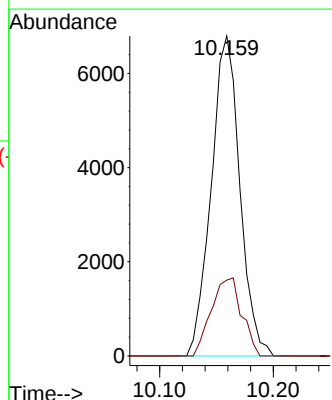
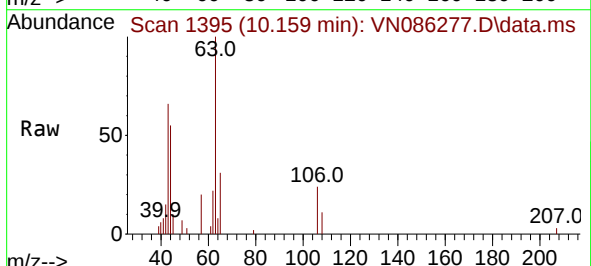
Acq: 15 Apr 2025 11:29

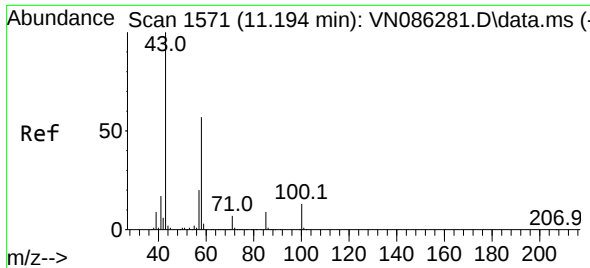
Tgt Ion: 63 Resp: 11885

Ion Ratio Lower Upper

63 100

106 26.0 22.2 33.2

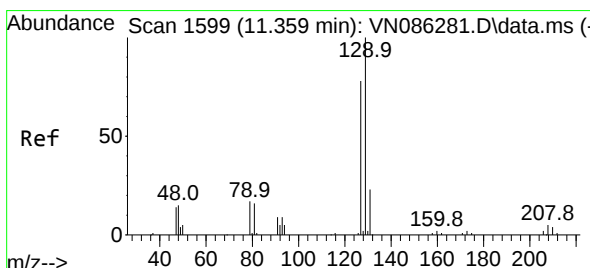
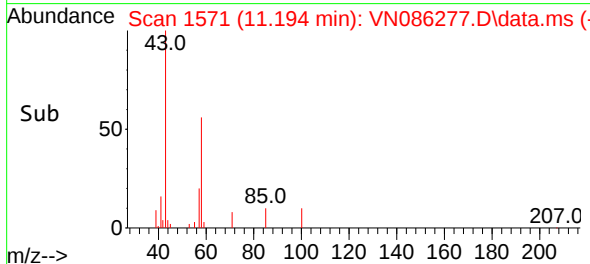
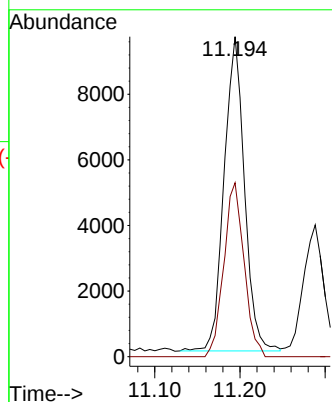
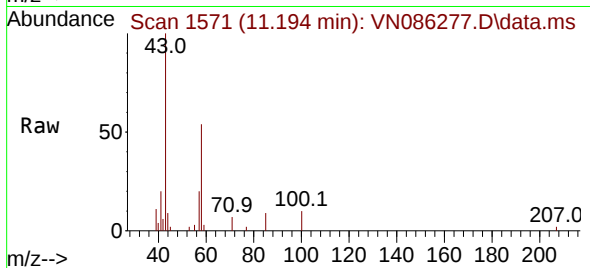




#59
2-Hexanone
Concen: 5.315 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

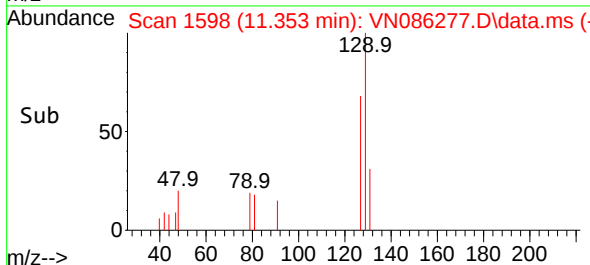
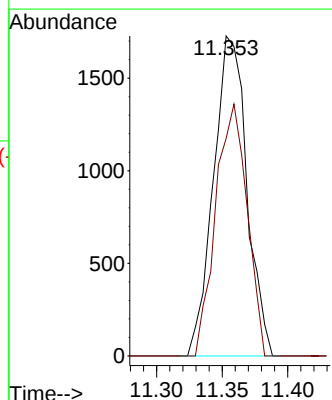
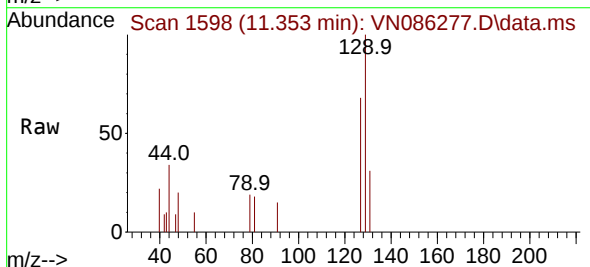
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

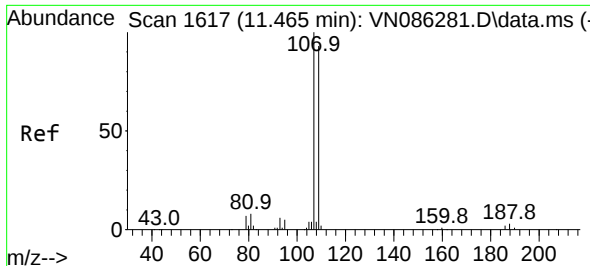
Tgt Ion: 43 Resp: 15945
Ion Ratio Lower Upper
43 100
58 54.9 28.3 85.0



#60
Dibromochloromethane
Concen: 1.031 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 129 Resp: 3054
Ion Ratio Lower Upper
129 100
127 74.0 38.7 116.1

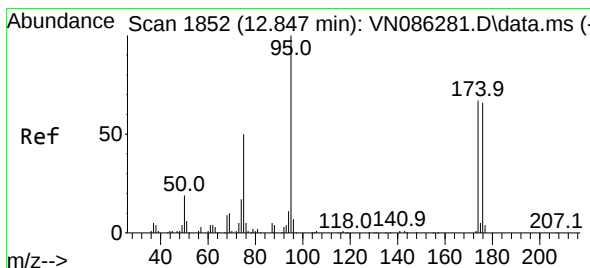
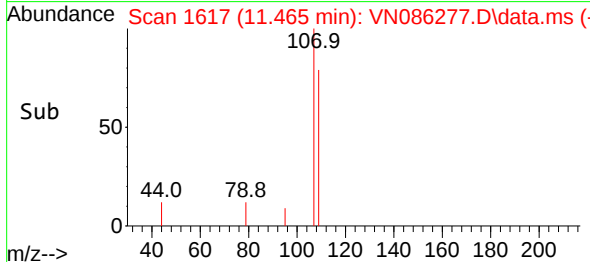
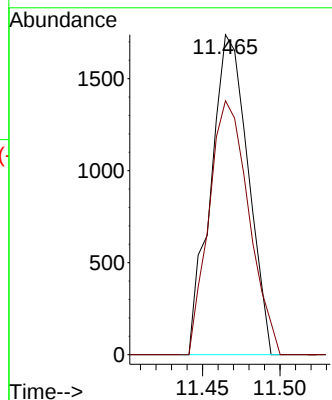
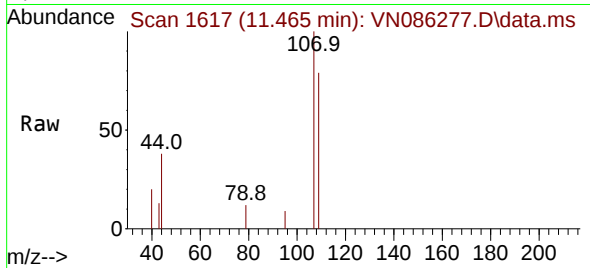




#61
1,2-Dibromoethane
Concen: 1.068 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

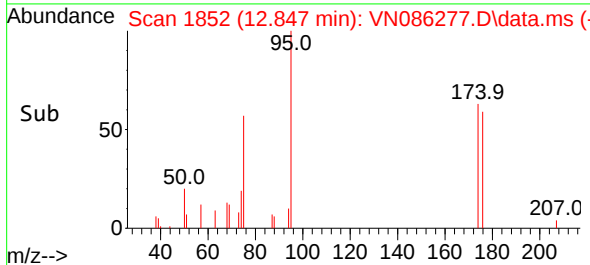
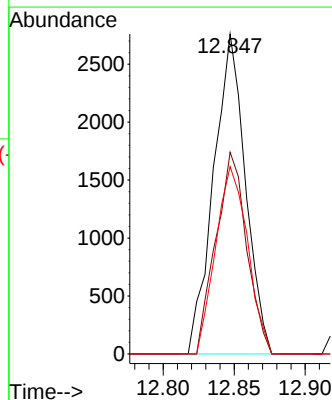
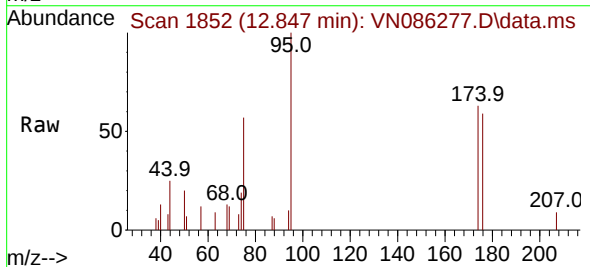
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

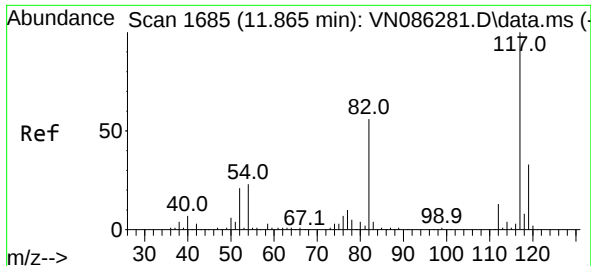
Tgt Ion:107 Resp: 2908
Ion Ratio Lower Upper
107 100
109 84.7 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 1.172 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 95 Resp: 4292
Ion Ratio Lower Upper
95 100
174 61.1 0.0 133.4
176 59.1 0.0 129.2

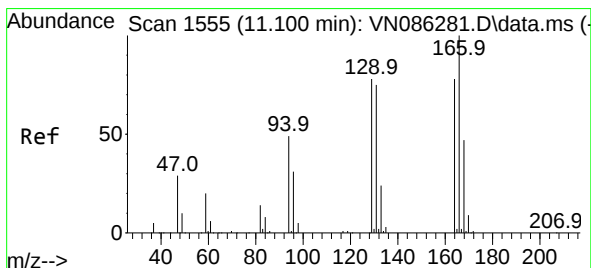
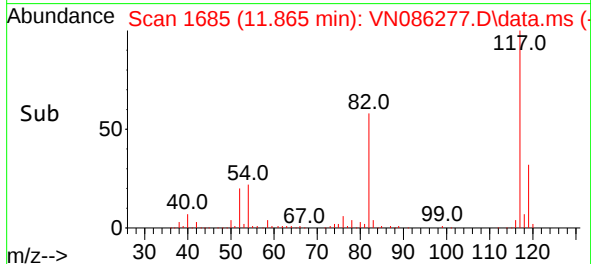
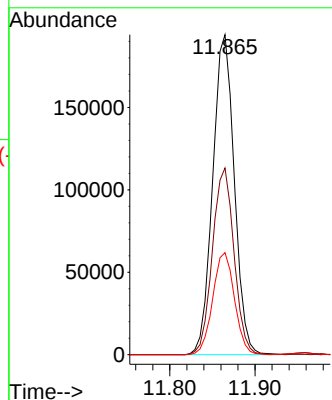
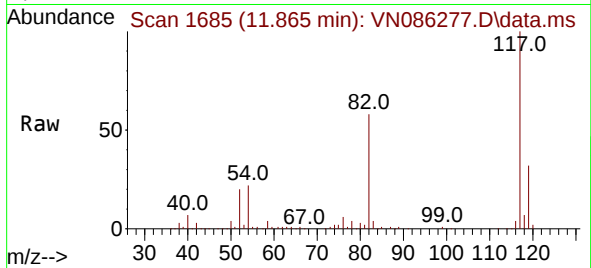




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

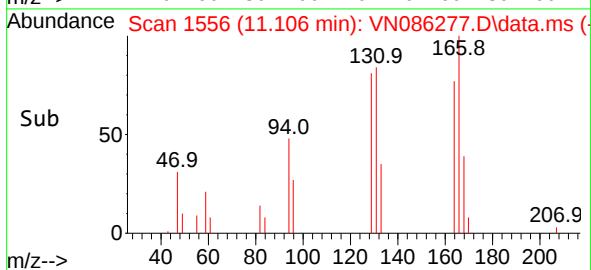
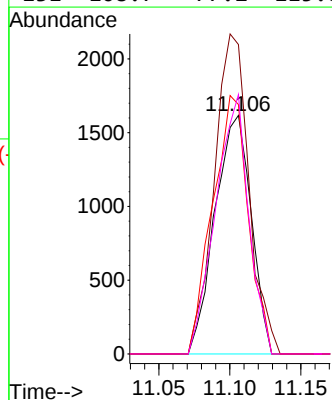
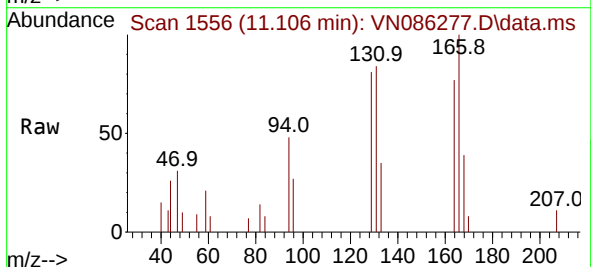
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

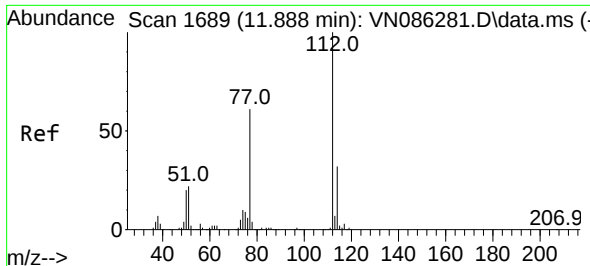
Tgt Ion:117 Resp: 341637
Ion Ratio Lower Upper
117 100
82 58.3 44.7 67.1
119 31.9 26.4 39.6



#64
Tetrachloroethene
Concen: 1.090 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:164 Resp: 2864
Ion Ratio Lower Upper
164 100
166 129.7 103.0 154.4
129 104.6 80.1 120.1
131 108.7 77.2 115.8

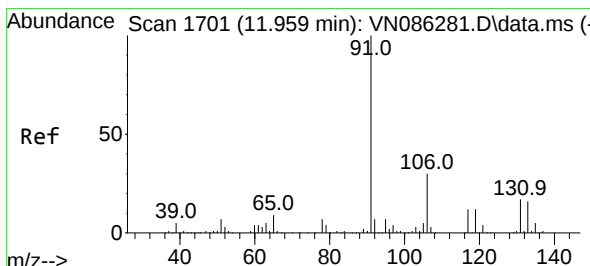
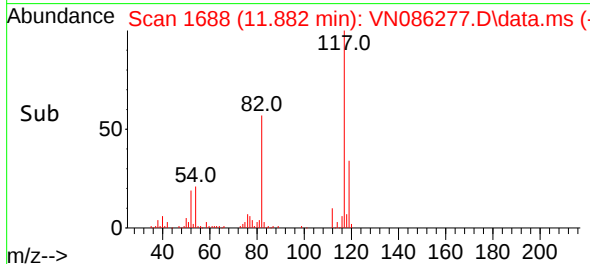
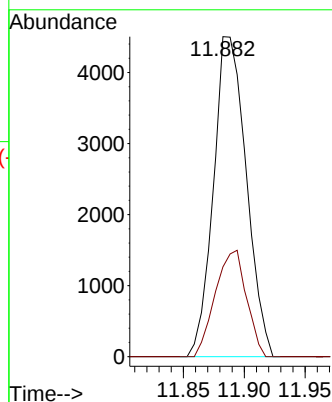
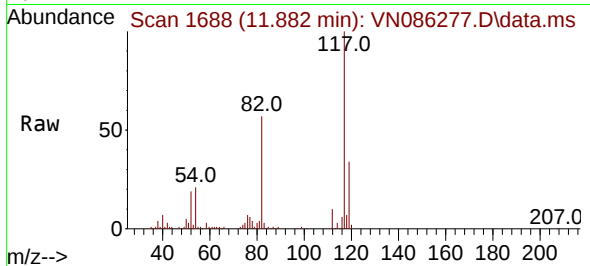




#65
Chlorobenzene
Concen: 1.107 ug/l
RT: 11.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

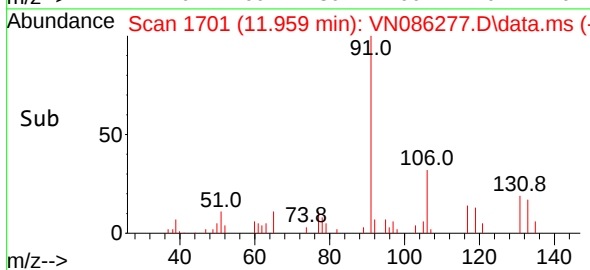
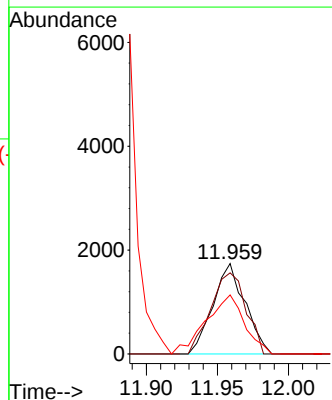
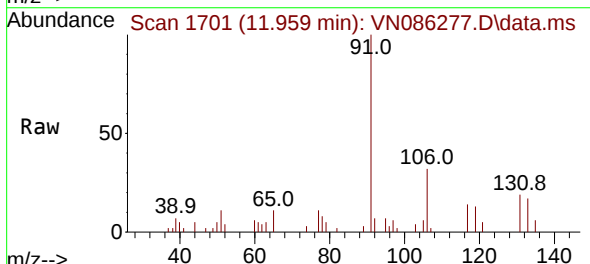
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

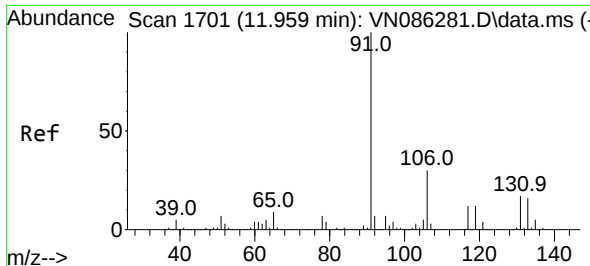
Tgt Ion:112 Resp: 8440
Ion Ratio Lower Upper
112 100
114 28.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.087 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:131 Resp: 2734
Ion Ratio Lower Upper
131 100
133 98.6 47.1 141.3
119 0.0 33.8 101.4#

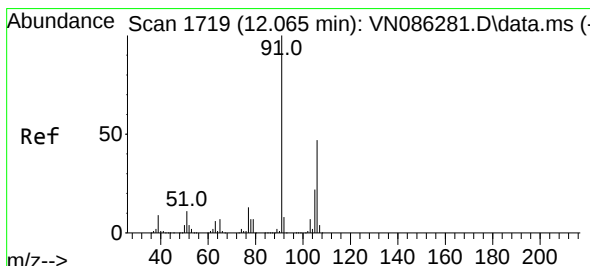
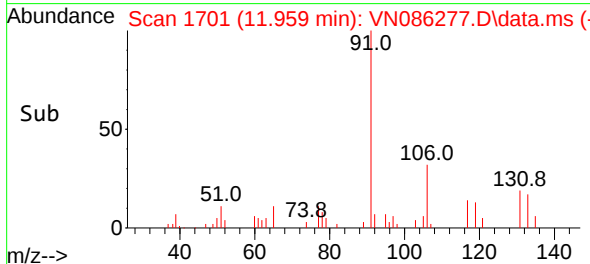
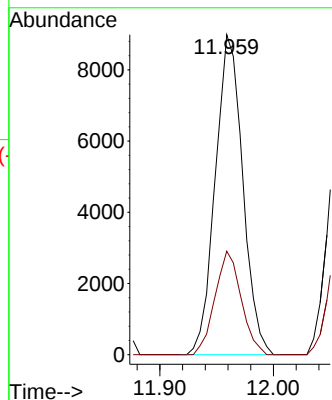
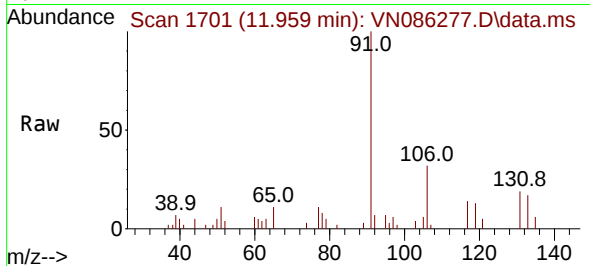




#67
Ethyl Benzene
Concen: 1.097 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

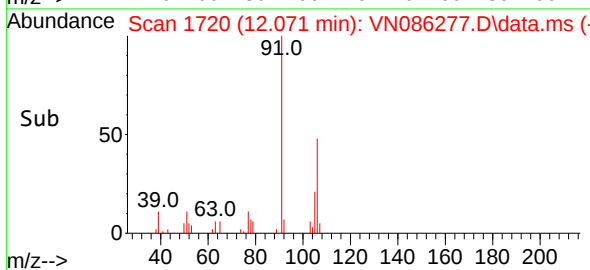
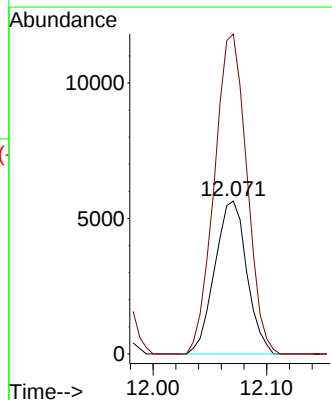
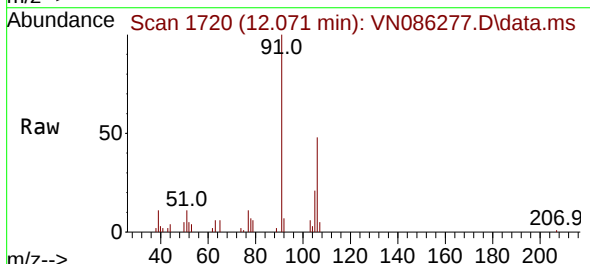
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

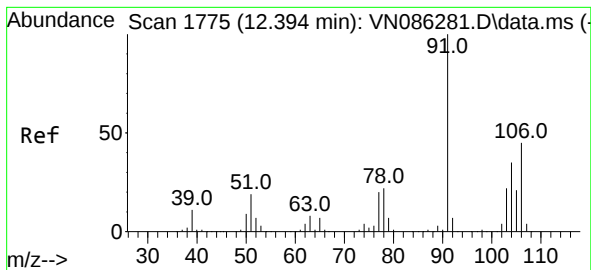
Tgt Ion: 91 Resp: 15099
Ion Ratio Lower Upper
91 100
106 32.3 24.3 36.5



#68
m/p-Xylenes
Concen: 2.144 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:106 Resp: 11055
Ion Ratio Lower Upper
106 100
91 211.7 166.5 249.7





#69

o-Xylene

Concen: 1.061 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

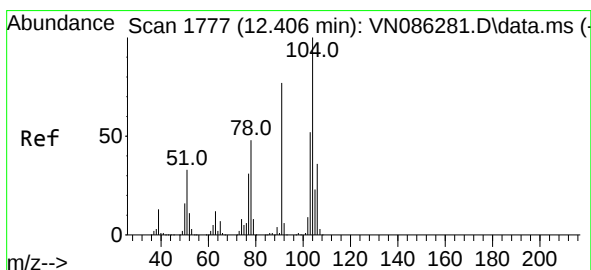
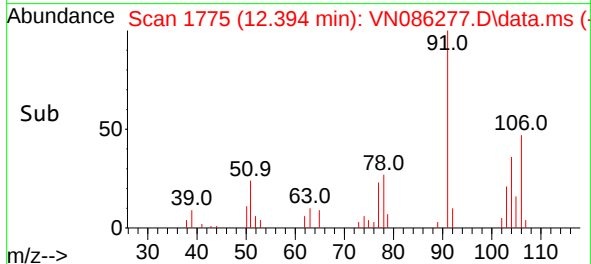
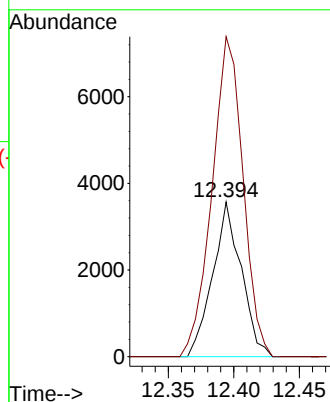
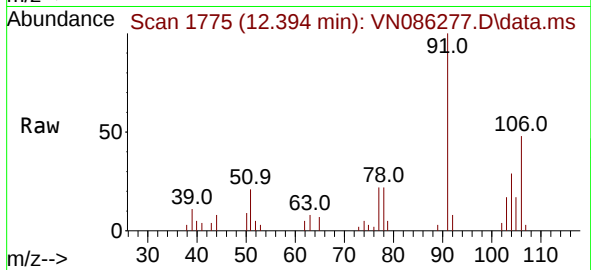
VSTDICC001

Tgt Ion:106 Resp: 5408

Ion Ratio Lower Upper

106 100

91 224.6 109.7 329.0



#70

Styrene

Concen: 1.051 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

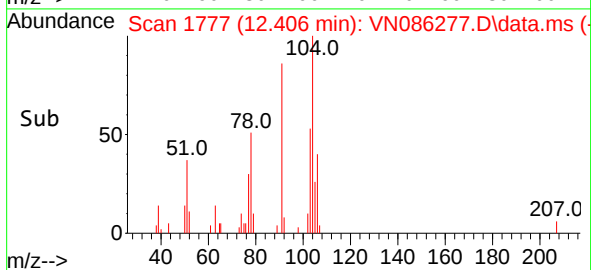
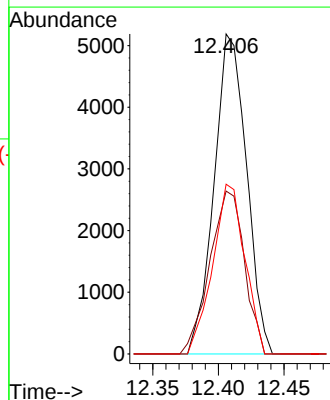
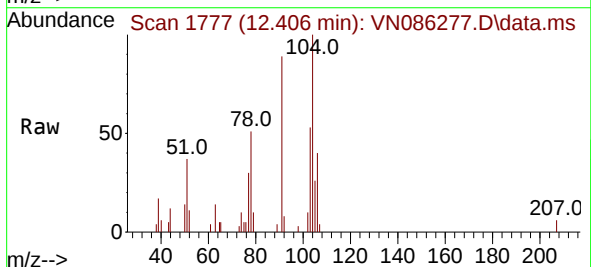
Tgt Ion:104 Resp: 8925

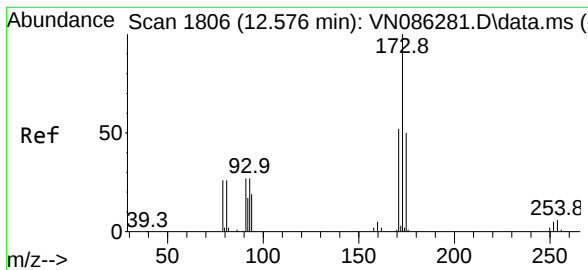
Ion Ratio Lower Upper

104 100

78 54.2 40.6 61.0

103 52.4 43.6 65.4

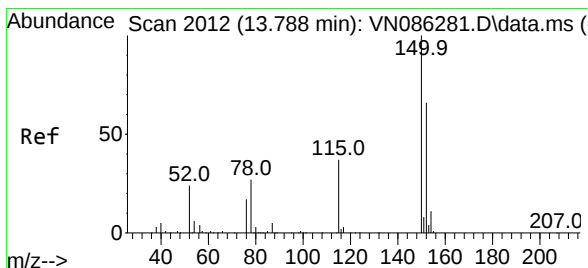
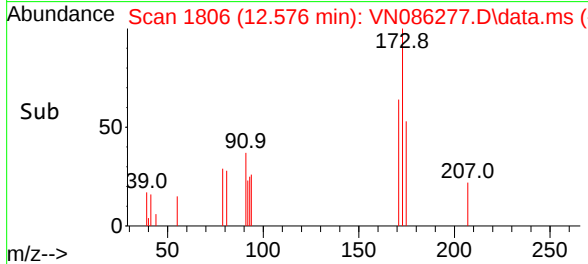
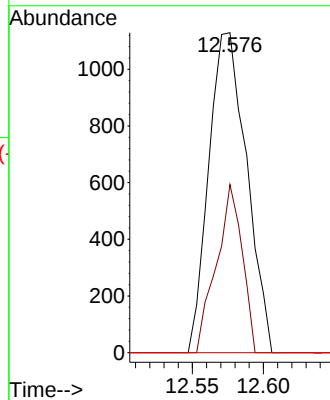
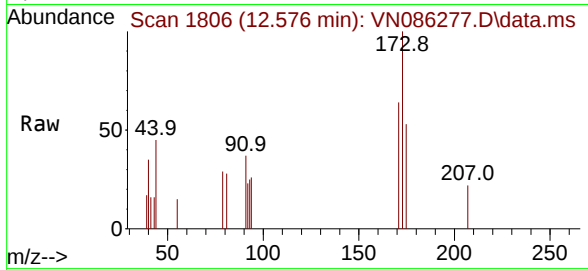




#71
Bromoform
Concen: 1.103 ug/l
RT: 12.576 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

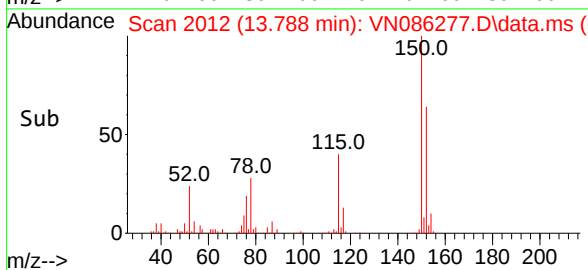
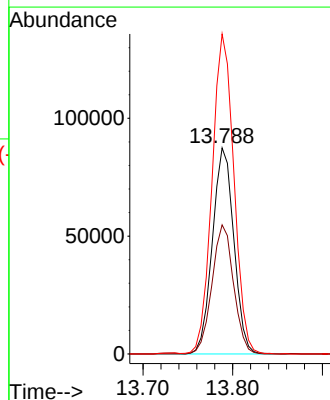
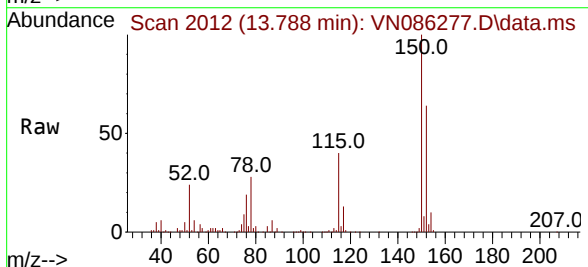
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

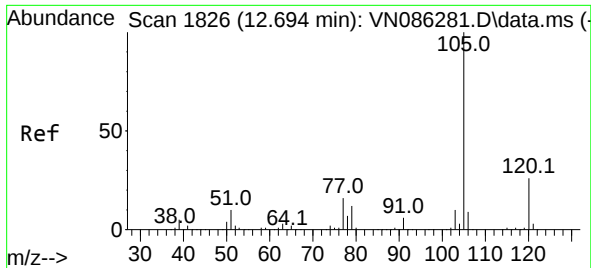
Tgt Ion:	173	Resp:	2089
Ion Ratio	Lower	Upper	
173	100		
175	35.7	24.6	73.6
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:	152	Resp:	145129
Ion Ratio	Lower	Upper	
152	100		
115	63.1	31.9	95.9
150	158.0	0.0	352.0

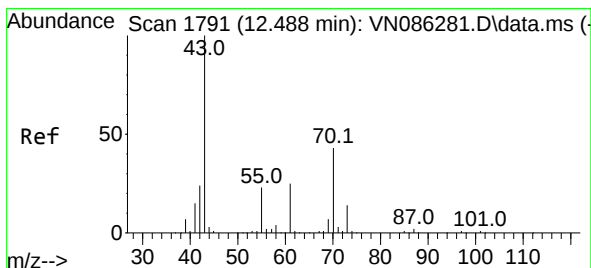
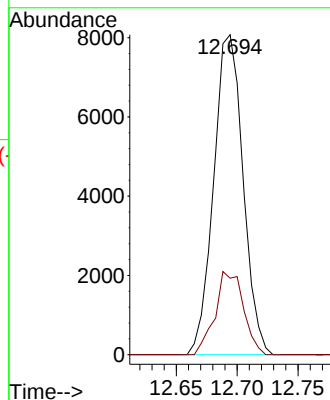
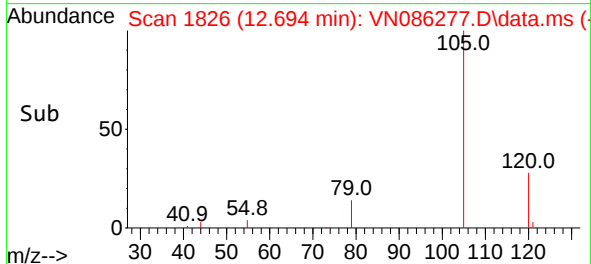
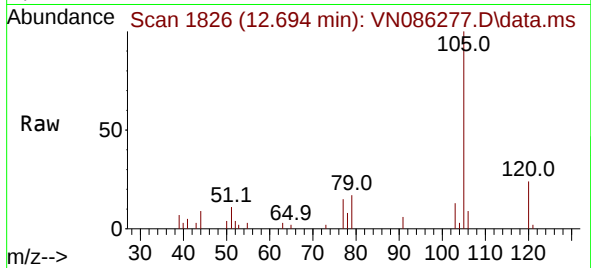




#73
Isopropylbenzene
Concen: 1.141 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

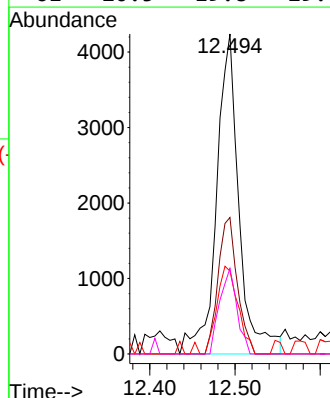
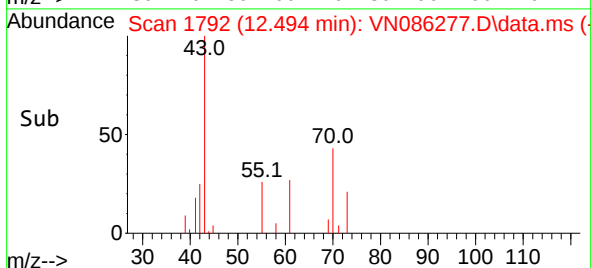
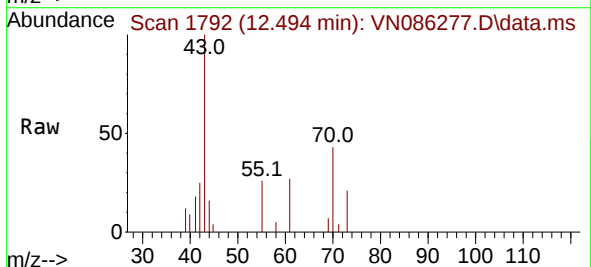
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

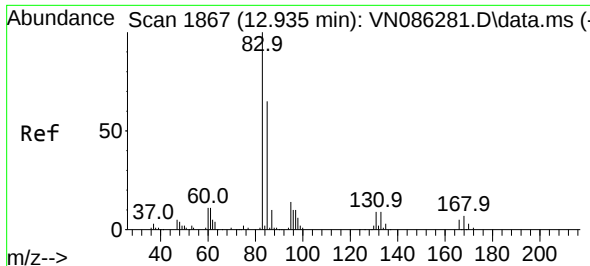
Tgt Ion:105 Resp: 13542
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.3



#74
N-ethyl acetate
Concen: 1.321 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 43 Resp: 7807
Ion Ratio Lower Upper
43 100
70 36.5 35.0 52.4
55 25.5 19.0 28.4
61 20.5 19.8 29.8

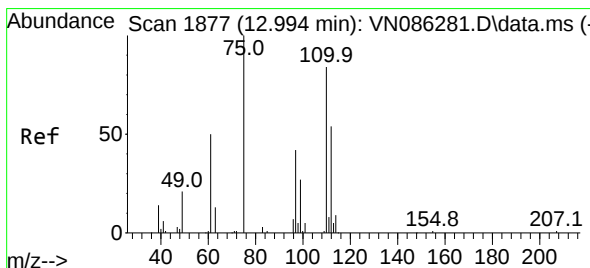
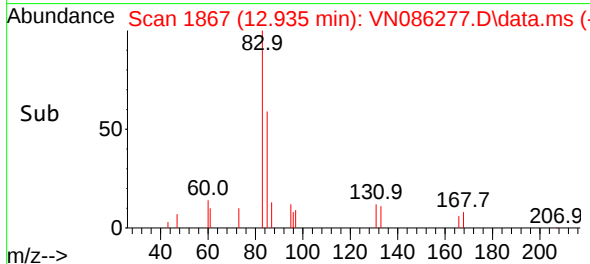
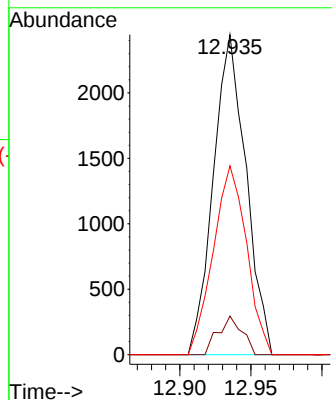
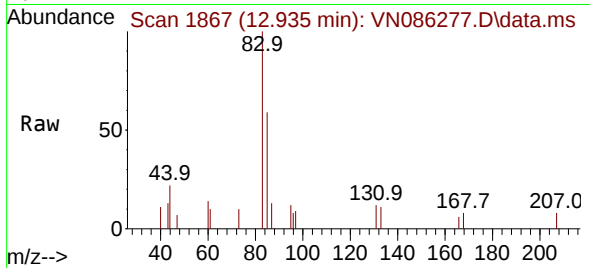




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.145 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

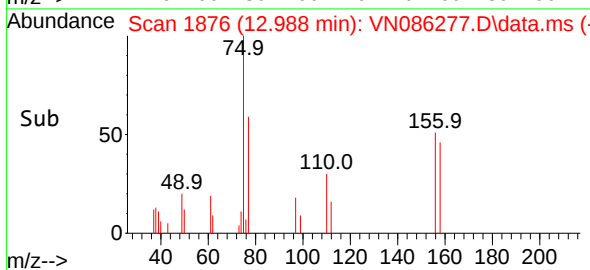
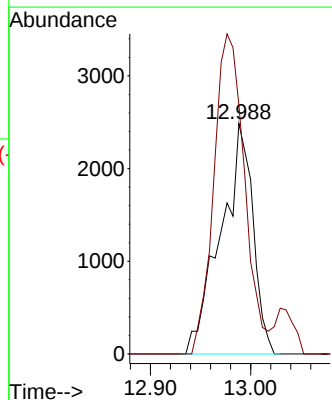
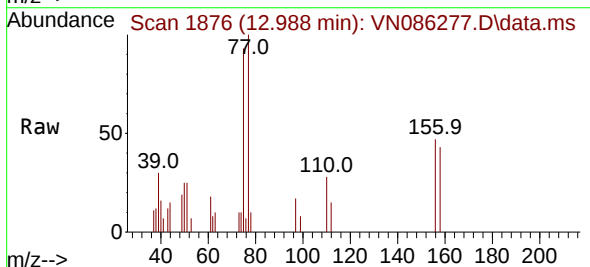
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

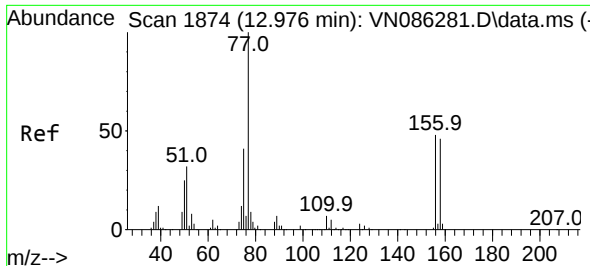
Tgt Ion: 83 Resp: 3910
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.7 14.1
 85 60.2 32.7 98.1



#76
 1,2,3-Trichloropropane
 Concen: 1.621 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion: 75 Resp: 5528
 Ion Ratio Lower Upper
 75 100
 77 133.1 98.8 296.4

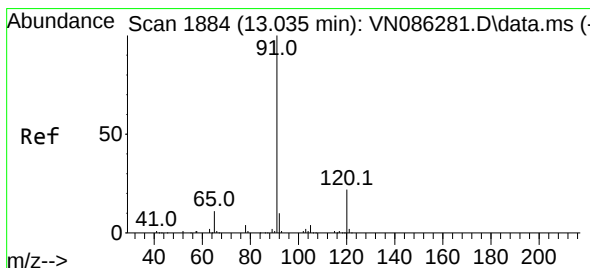
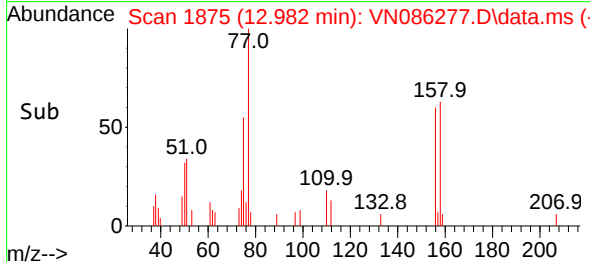
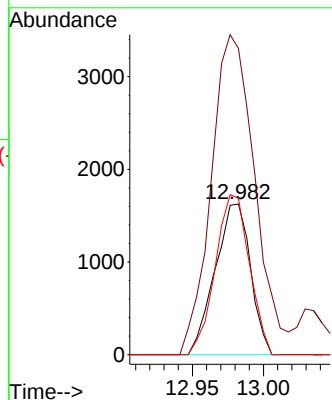
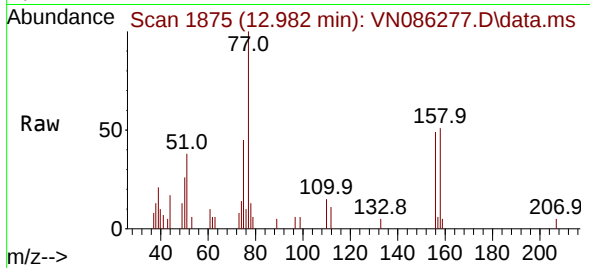




#77
Bromobenzene
Concen: 1.069 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

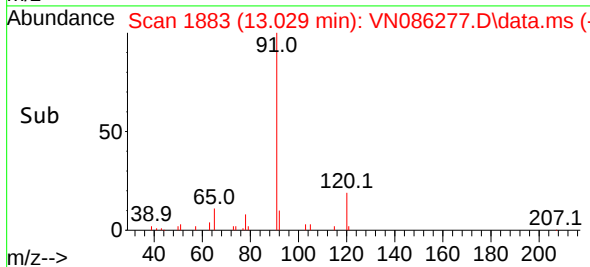
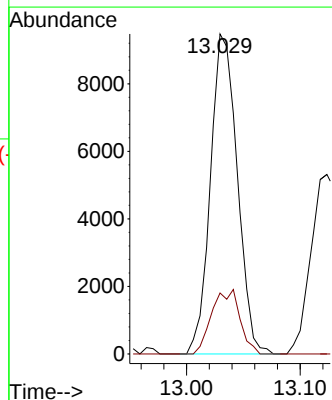
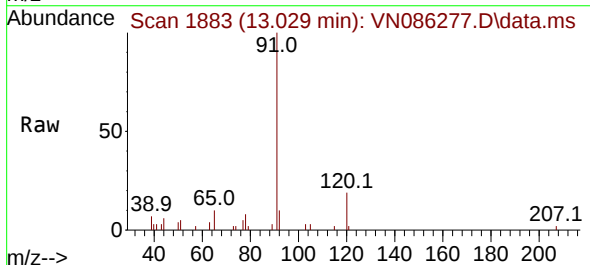
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

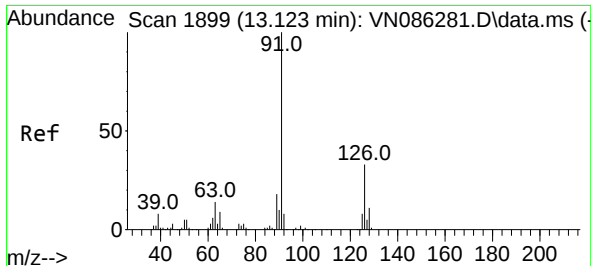
Tgt Ion:156 Resp: 2811
Ion Ratio Lower Upper
156 100
77 261.7 121.1 363.1
158 102.7 47.9 143.6



#78
n-propylbenzene
Concen: 1.113 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 15576
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.3

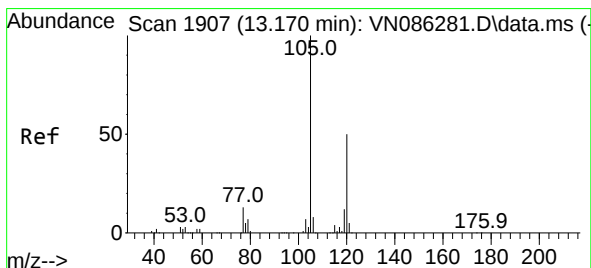
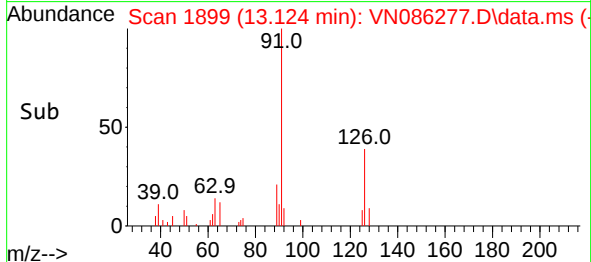
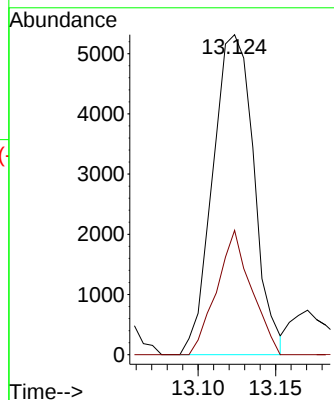
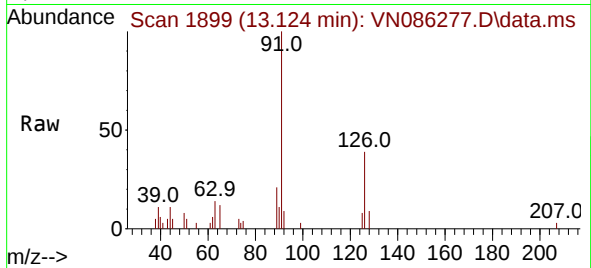




#79
2-Chlorotoluene
Concen: 1.120 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

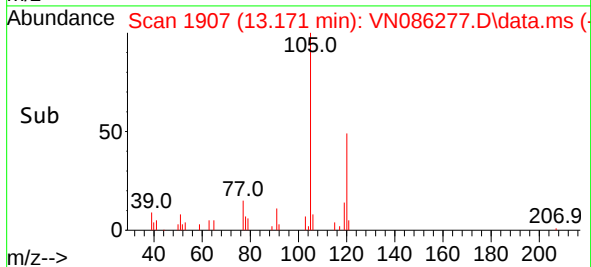
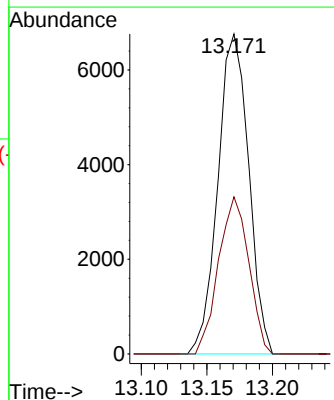
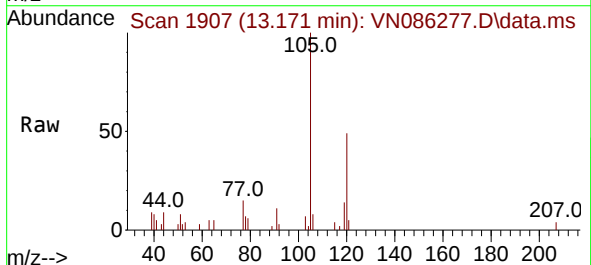
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

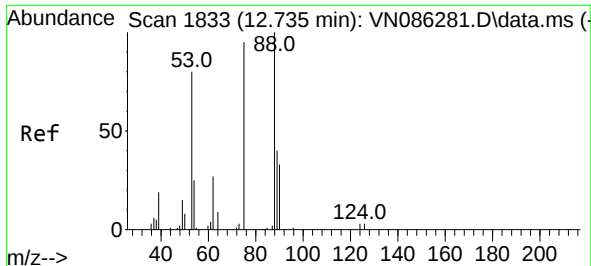
Tgt Ion: 91 Resp: 9804
Ion Ratio Lower Upper
91 100
126 32.8 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 1.135 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 105 Resp: 11029
Ion Ratio Lower Upper
105 100
120 48.3 24.5 73.5

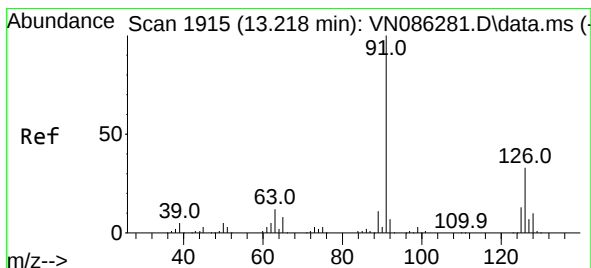
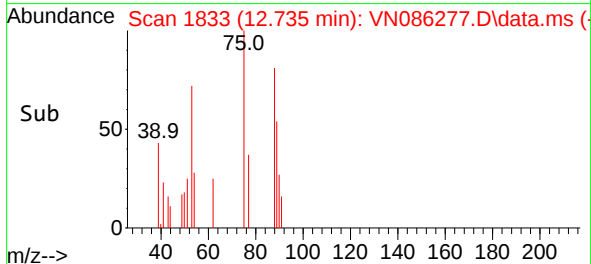
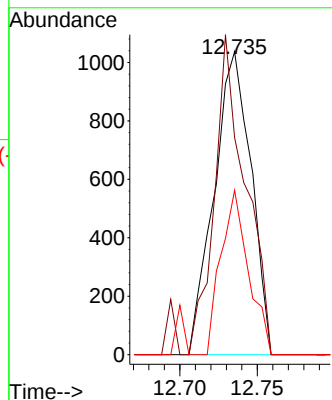
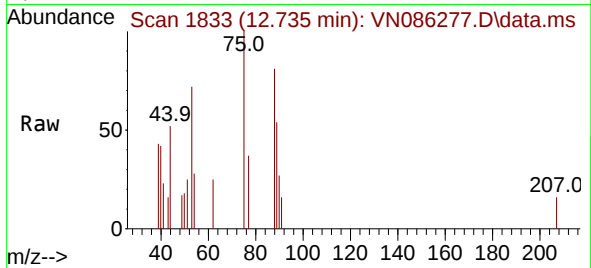




#81
trans-1,4-Dichloro-2-butene
Concen: 1.204 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

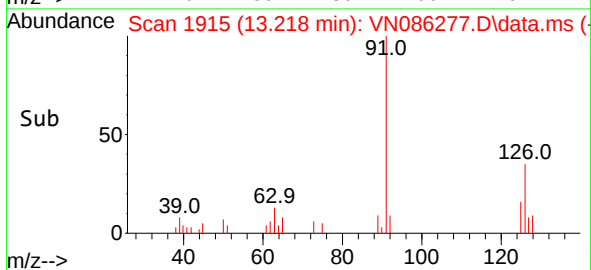
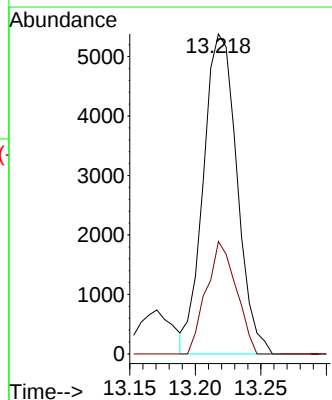
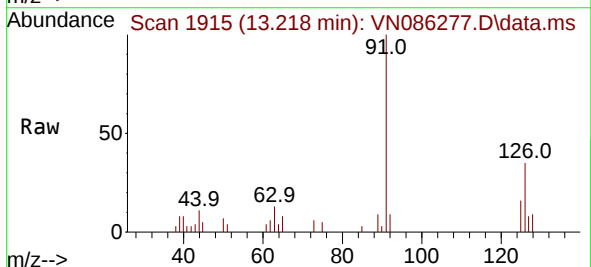
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

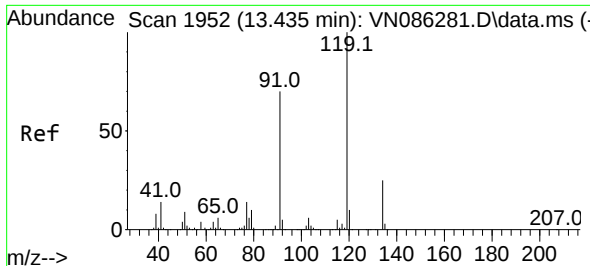
Tgt Ion: 75 Resp: 1717
Ion Ratio Lower Upper
75 100
53 88.8 79.2 118.8
89 40.6 35.7 53.5



#82
4-Chlorotoluene
Concen: 1.103 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion: 91 Resp: 9589
Ion Ratio Lower Upper
91 100
126 31.2 16.2 48.6

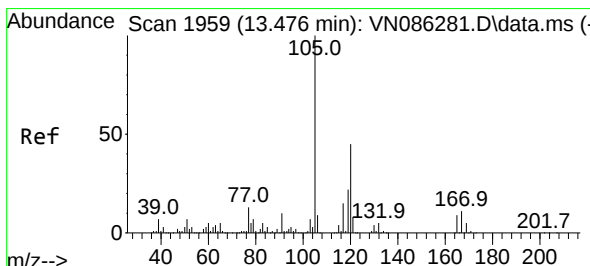
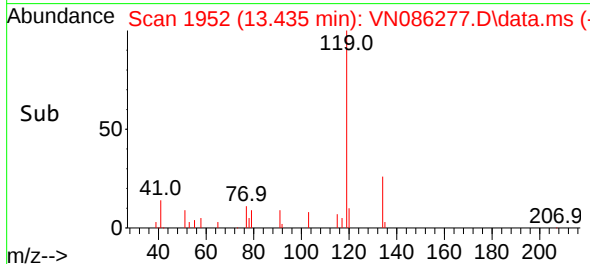
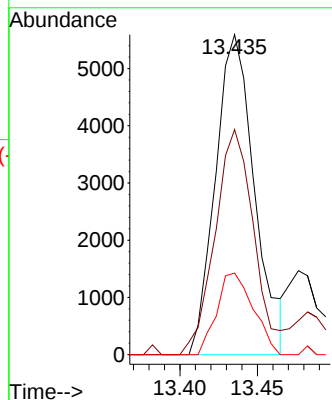
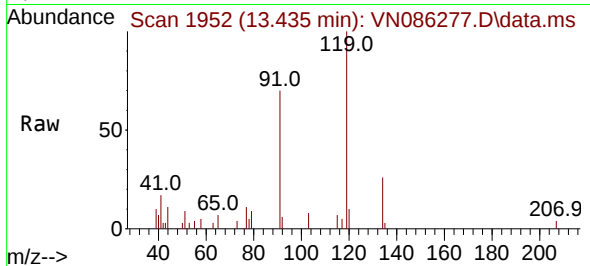




#83
 tert-Butylbenzene
 Concen: 1.166 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

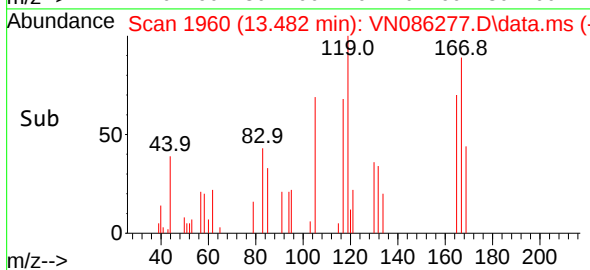
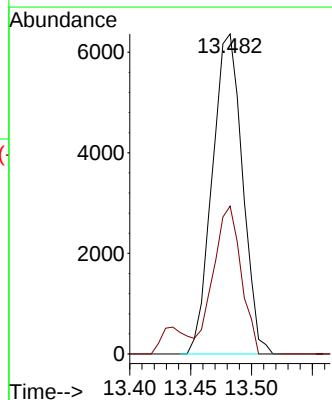
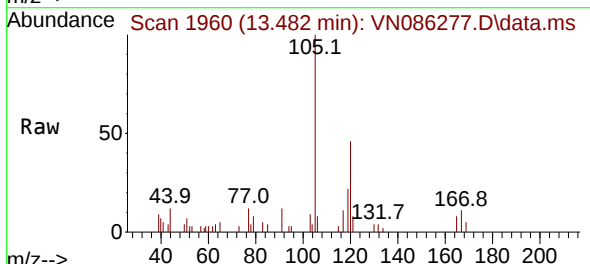
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

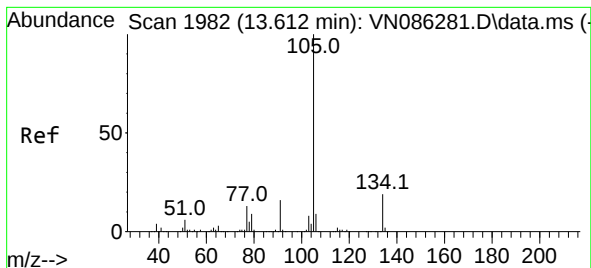
Tgt Ion:	119	Resp:	9817
Ion	Ratio	Lower	Upper
119	100		
91	69.5	34.4	103.3
134	23.7	13.0	39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.110 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN086277.D
 Acq: 15 Apr 2025 11:29

Tgt Ion:	105	Resp:	10977
Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.4	67.3





#85

sec-Butylbenzene

Concen: 1.106 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

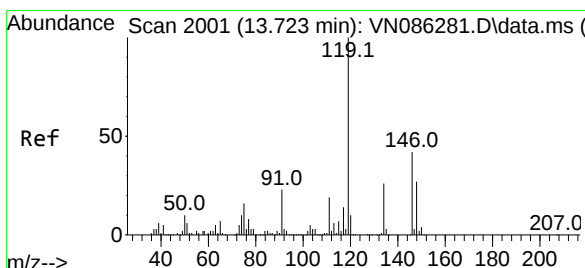
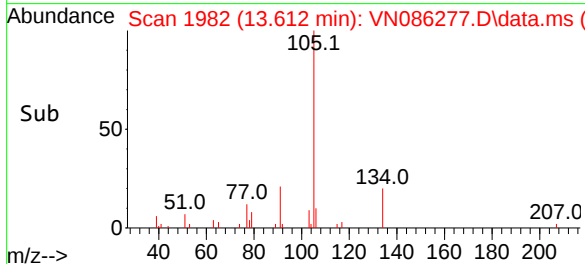
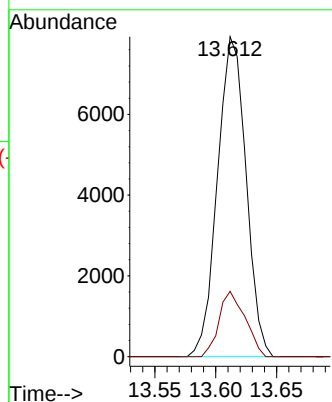
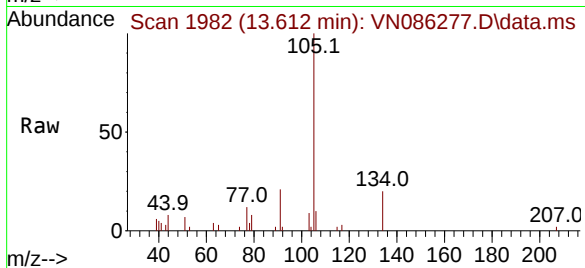
VSTDIC001

Tgt Ion:105 Resp: 12920

Ion Ratio Lower Upper

105 100

134 18.7 9.7 29.1



#86

p-Isopropyltoluene

Concen: 1.086 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

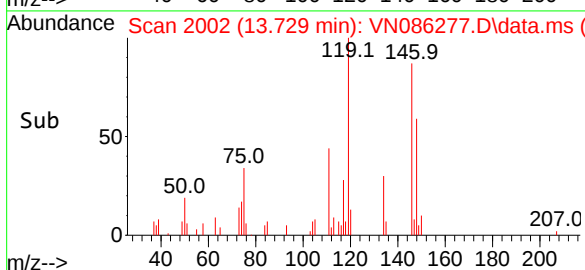
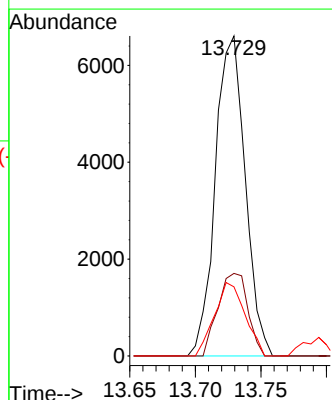
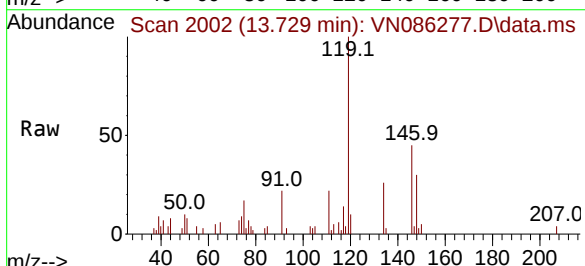
Tgt Ion:119 Resp: 10458

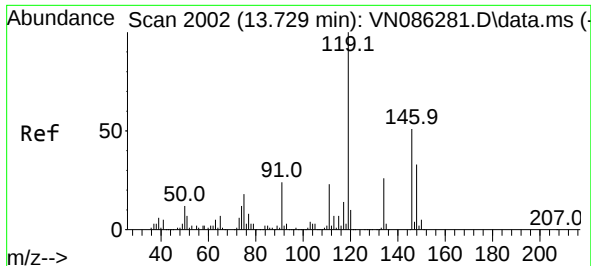
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 23.4 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 1.095 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

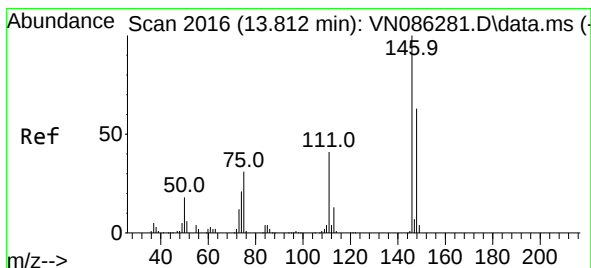
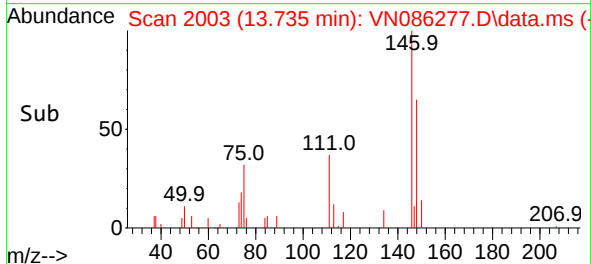
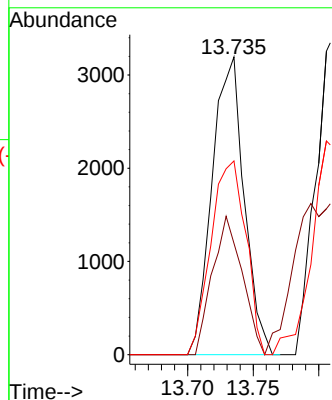
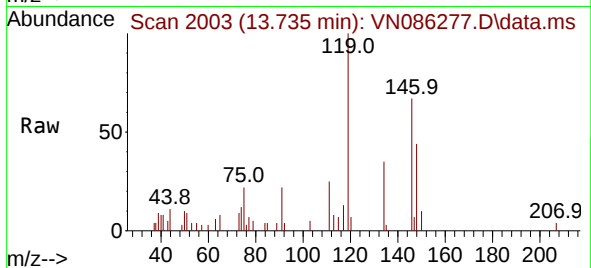
Tgt Ion:146 Resp: 5415

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.7

148 71.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 1.087 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.076 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

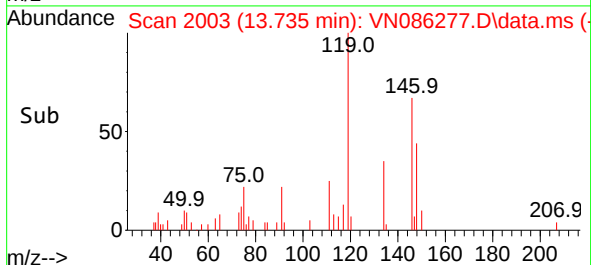
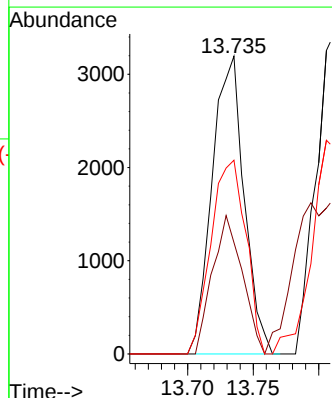
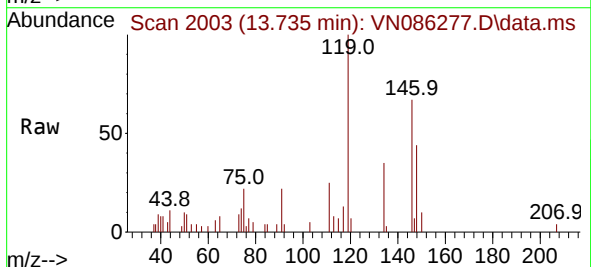
Tgt Ion:146 Resp: 5415

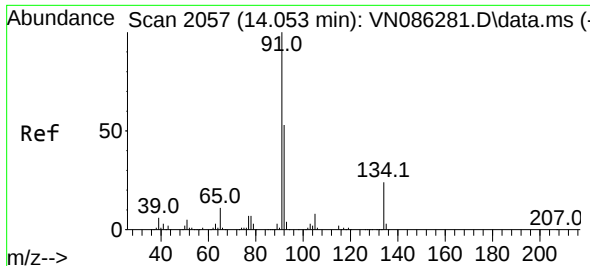
Ion Ratio Lower Upper

146 100

111 43.5 21.3 63.9

148 71.0 31.9 95.9

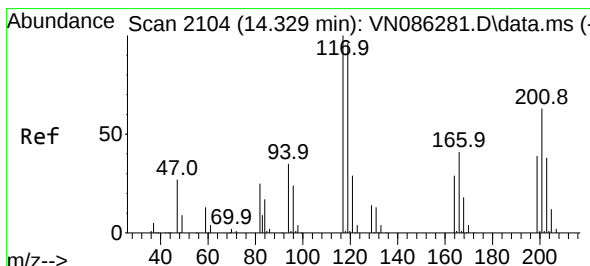
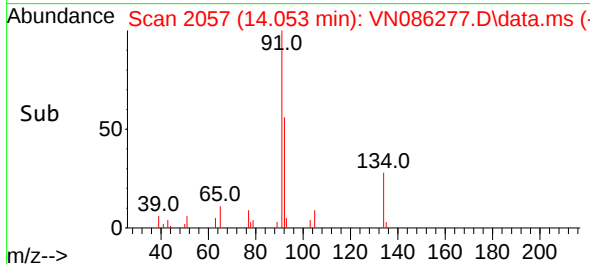
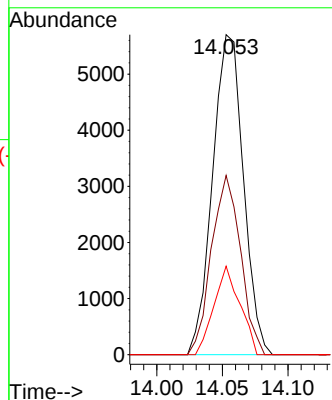
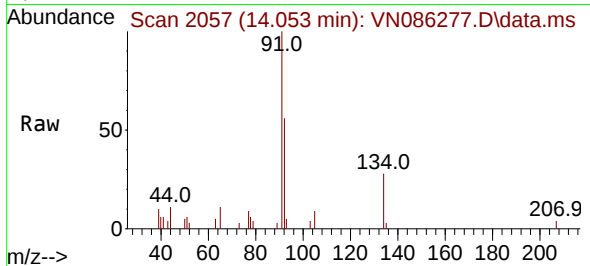




#89
n-Butylbenzene
Concen: 1.092 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

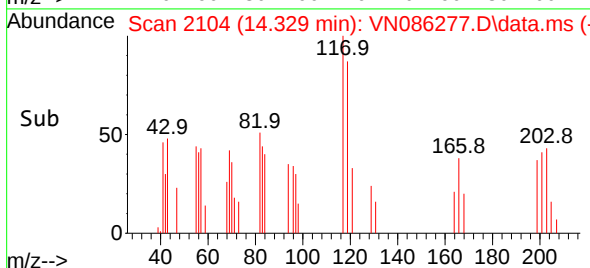
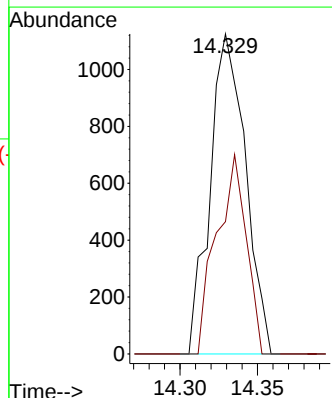
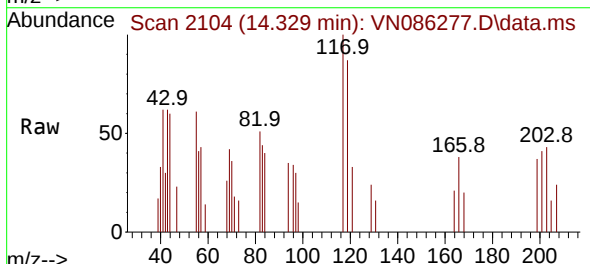
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

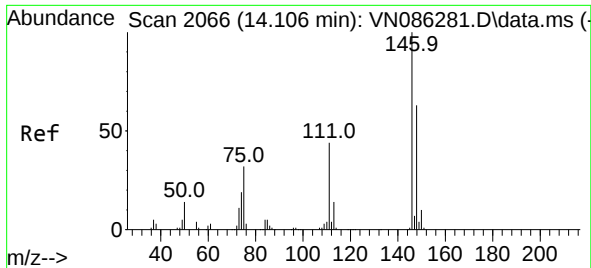
Tgt Ion:	91	Resp:	9315
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.8	80.4
134	23.3	12.2	36.6



#90
Hexachloroethane
Concen: 1.107 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:	117	Resp:	1792
Ion	Ratio	Lower	Upper
117	100		
201	52.0	31.4	94.2

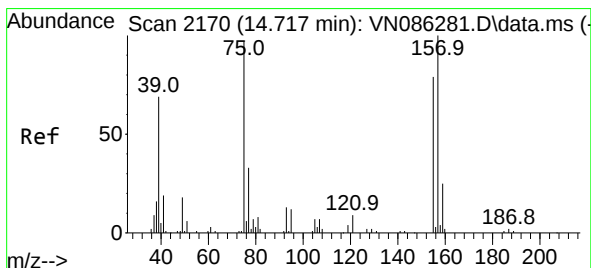
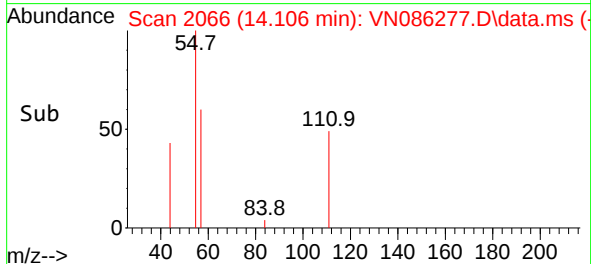
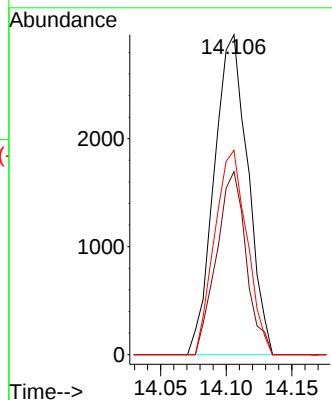
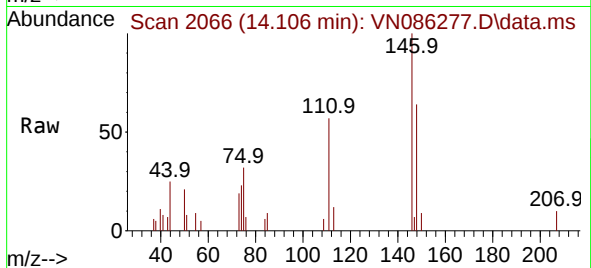




#91
1,2-Dichlorobenzene
Concen: 1.101 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

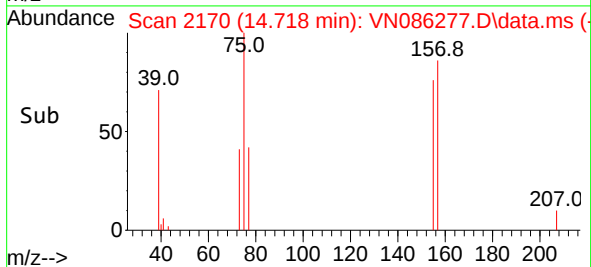
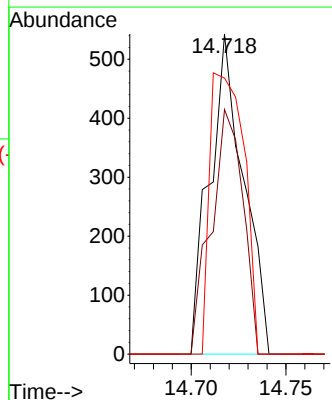
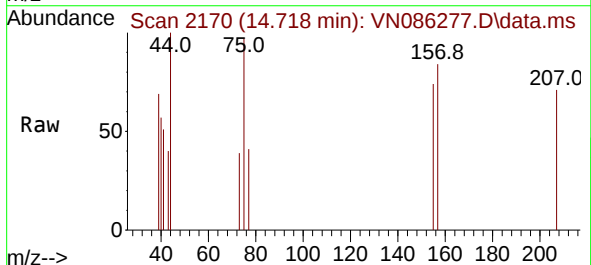
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

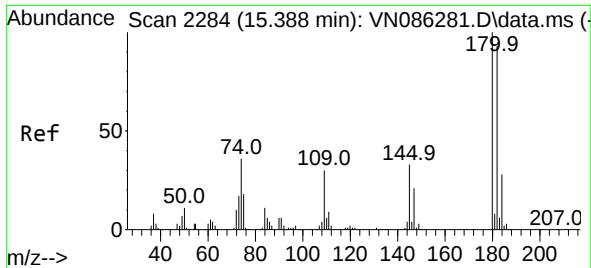
Tgt Ion:	146	Resp:	5279
Ion	Ratio	Lower	Upper
146	100		
111	50.7	22.4	67.0
148	61.5	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.987 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:	75	Resp:	679
Ion	Ratio	Lower	Upper
75	100		
155	71.9	40.3	120.9
157	88.7	49.0	147.2

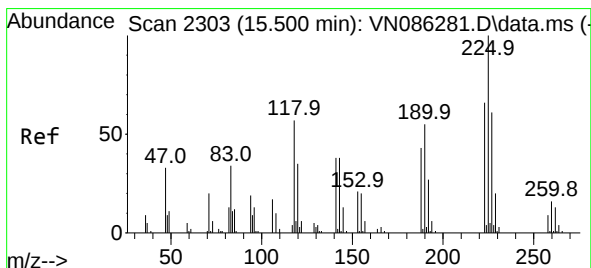
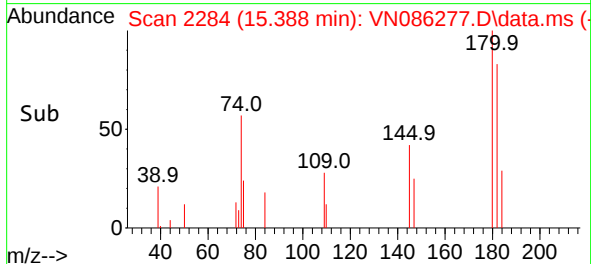
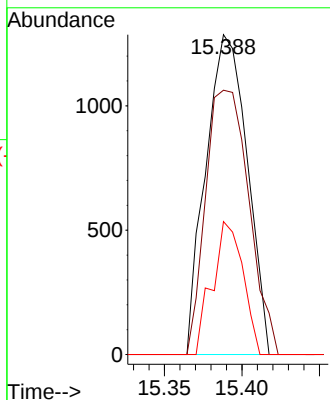
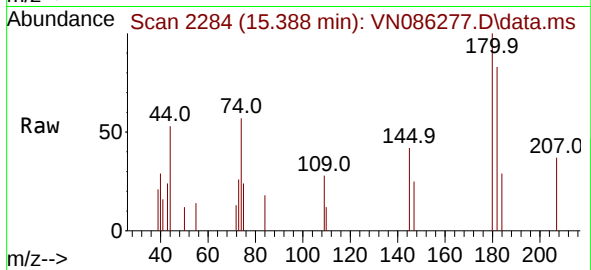




#93
1,2,4-Trichlorobenzene
Concen: 1.040 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

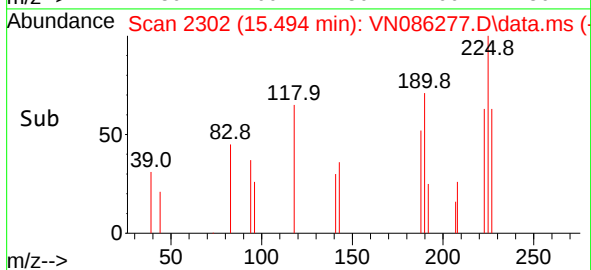
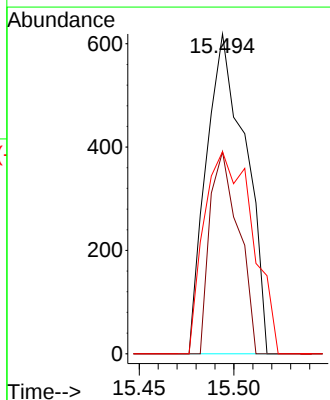
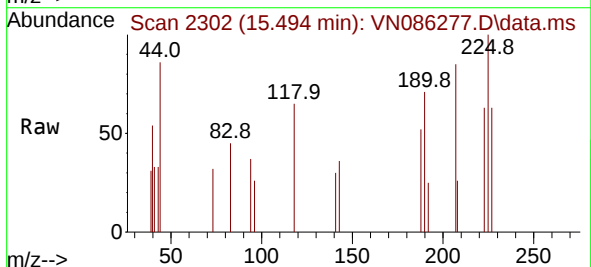
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

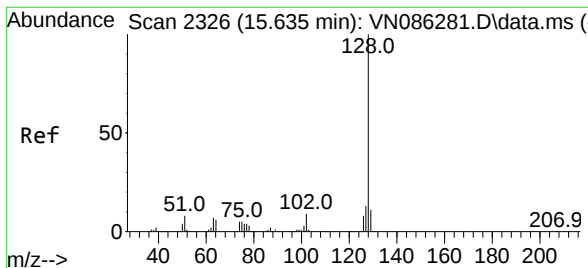
Tgt Ion:180 Resp: 2387
Ion Ratio Lower Upper
180 100
182 86.6 47.0 141.0
145 30.7 16.4 49.1



#94
Hexachlorobutadiene
Concen: 1.030 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086277.D
Acq: 15 Apr 2025 11:29

Tgt Ion:225 Resp: 893
Ion Ratio Lower Upper
225 100
223 46.5 32.8 98.3
227 77.6 31.4 94.0





#95

Naphthalene

Concen: 1.074 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

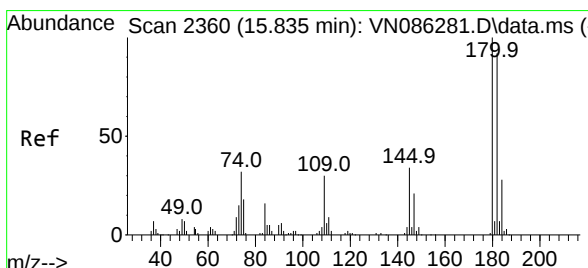
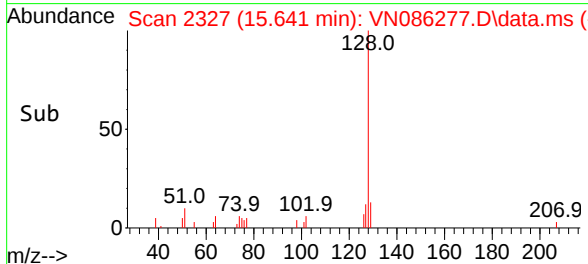
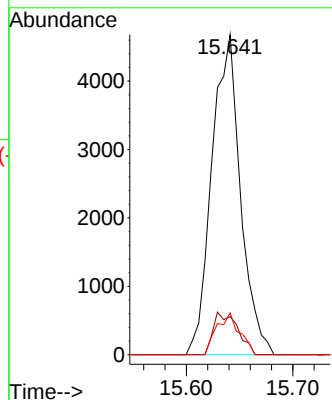
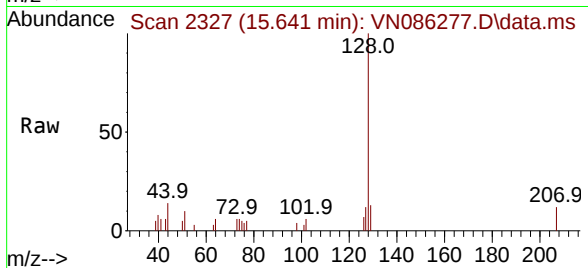
Tgt Ion:128 Resp: 8743

Ion Ratio Lower Upper

128 100

127 11.3 10.2 15.4

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.094 ug/l

RT: 15.829 min Scan# 2359

Delta R.T. -0.006 min

Lab File: VN086277.D

Acq: 15 Apr 2025 11:29

Tgt Ion:180 Resp: 2378

Ion Ratio Lower Upper

180 100

182 86.0 47.3 142.0

145 29.9 17.2 51.5

