

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012125\
 Data File : VX044677.D
 Acq On : 21 Jan 2025 11:38
 Operator :
 Sample : VSTD05057
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 00:59:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012125WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 22 00:56:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	317833	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	267847	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	110700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	138455	52.585	ug/L	0.00
7) Chloroethane-d5	1.648	69	25657	34.141	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	54967	53.077	ug/L	0.00
21) 2-Butanone-d5	4.452	46	140983	103.499	ug/L	0.00
24) Chloroform-d	5.050	84	229351	50.589	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.946	65	144586	48.354	ug/L	0.00
32) Benzene-d6	5.964	84	456186	51.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	145158	51.376	ug/L	0.00
41) Toluene-d8	8.640	98	403766	50.527	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	74141	51.201	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	83518	102.890	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168665	49.522	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	121495	51.072	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	104196	56.654	ug/L	100
3) Chloromethane	1.294	50	124551	55.399	ug/L	100
5) Vinyl chloride	1.373	62	125330	55.626	ug/L	100
6) Bromomethane	1.599	94	29679	55.978	ug/L	100
8) Chloroethane	1.666	64	23561	57.069	ug/L	100
9) Trichlorofluoromethane	1.867	101	111949	54.916	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	100734	58.924	ug/L	100
12) 1,1-Dichloroethene	2.312	96	95611	60.116	ug/L	100
13) Acetone	2.385	43	91980	111.656	ug/L	100
14) Carbon disulfide	2.501	76	281700	56.433	ug/L	100
15) Methyl Acetate	2.702	43	111438	56.443	ug/L	100
16) Methylene chloride	2.782	84	111234	56.533	ug/L	100
17) trans-1,2-Dichloroethene	3.080	96	99958	56.113	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	368005	57.408	ug/L	100
19) 1,1-Dichloroethane	3.599	63	199670	56.655	ug/L	100
20) cis-1,2-Dichloroethene	4.476	96	120961	56.219	ug/L	100
22) 2-Butanone	4.556	43	146471	116.489	ug/L	100
23) Bromochloromethane	4.891	128	59452	56.389	ug/L	100
25) Chloroform	5.080	83	202837	56.166	ug/L	100
27) 1,2-Dichloroethane	6.080	62	161655	57.993	ug/L	100
29) Cyclohexane	5.464	56	186710	58.208	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	175443	57.773	ug/L	100
31) Carbon tetrachloride	5.665	117	149243	57.206	ug/L	100
33) Benzene	6.031	78	439747	58.450	ug/L	100
34) Trichloroethene	7.116	95	112817	57.609	ug/L	100
35) Methylcyclohexane	7.372	83	189441	58.779	ug/L	100
37) 1,2-Dichloropropane	7.421	63	117128	57.609	ug/L	100
38) Bromodichloromethane	7.817	83	159272	57.850	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	201273	57.568	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	286120	117.340	ug/L	100
42) Toluene	8.714	91	452015	57.996	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	182954	57.837	ug/L	100

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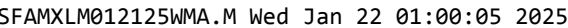
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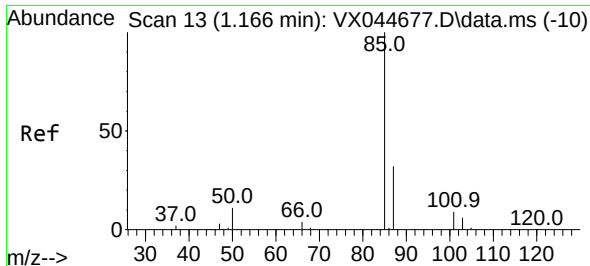
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.146	97	112390	56.779	ug/L	100
46) Tetrachloroethene	9.268	164	78344	58.400	ug/L	100
48) 2-Hexanone	9.433	43	206037	114.809	ug/L	100
49) Dibromochloromethane	9.518	129	116377	56.776	ug/L	100
50) 1,2-Dibromoethane	9.604	107	115881	57.449	ug/L	100
51) Chlorobenzene	10.073	112	272976	56.761	ug/L	100
52) Ethylbenzene	10.189	91	484323	57.630	ug/L	100
53) m,p-Xylene	10.299	106	181702	57.803	ug/L	100
54) o-Xylene	10.640	106	177308	56.818	ug/L	100
55) Styrene	10.652	104	291944	57.771	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	161778	56.284	ug/L	100
59) Bromoform	10.799	173	80858	57.749	ug/L	100
60) Isopropylbenzene	10.957	105	454256	57.729	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	121965	56.132	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	375651	57.501	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	367292	57.798	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	181718	57.525	ug/L	100
65) 1,4-Dichlorobenzene	12.036	146	179710	56.706	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	181101	57.162	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	34839	55.769	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	116832	56.775	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107007	57.741	ug/L	100
71) Naphthalene	13.774	128	420237	59.191	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	109585	57.583	ug/L	100

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

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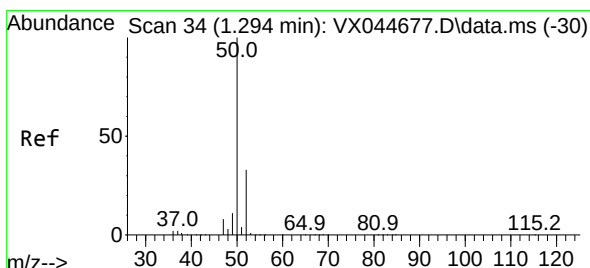
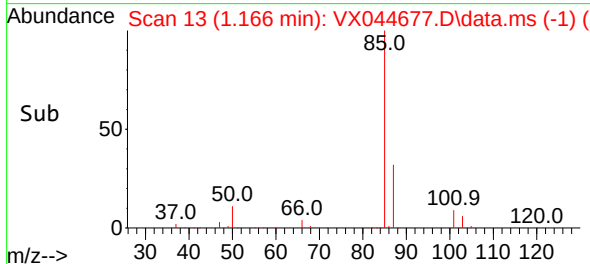
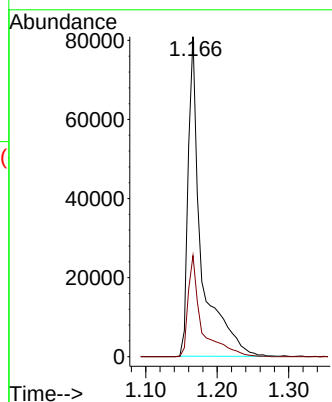
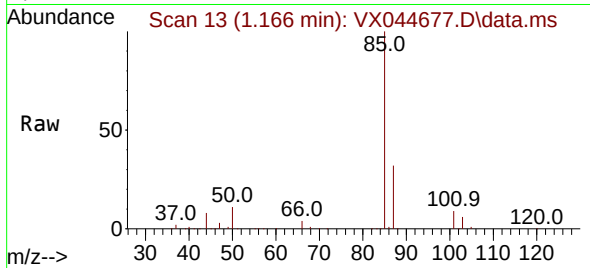




#2
 Dichlorodifluoromethane
 Concen: 56.654 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

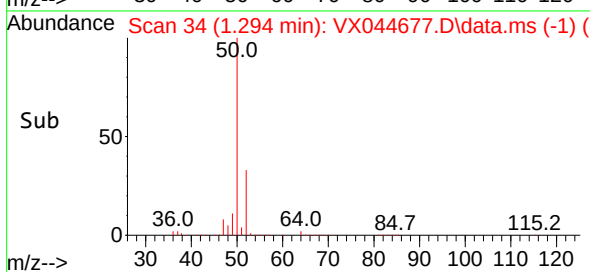
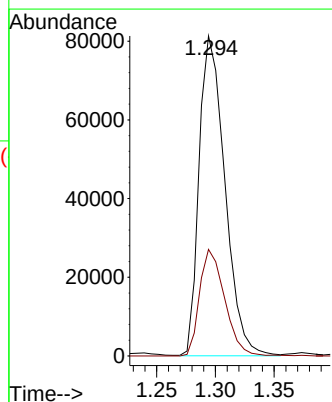
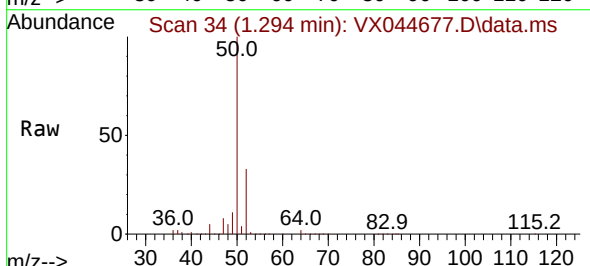
Instrument :
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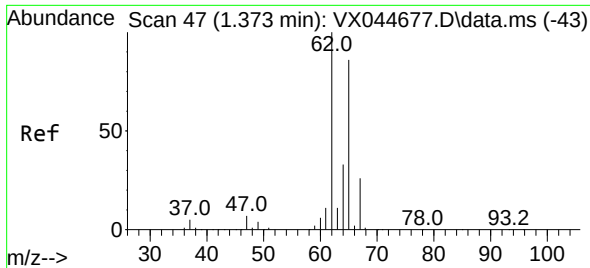
Tgt Ion: 85 Resp: 104196
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 55.399 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

Tgt Ion: 50 Resp: 124551
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

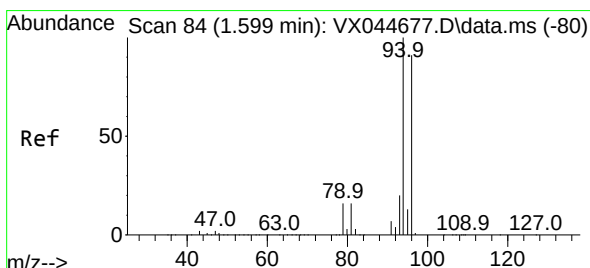
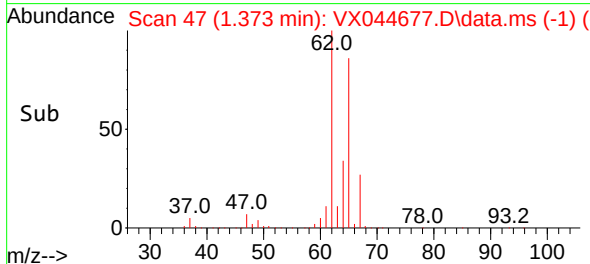
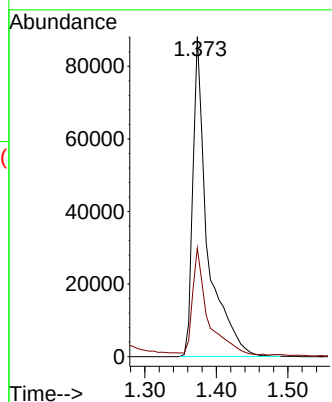
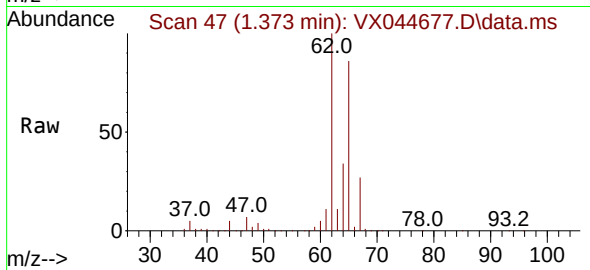




#5
 Vinyl chloride
 Concen: 55.626 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

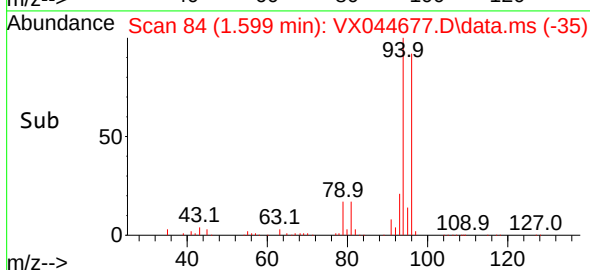
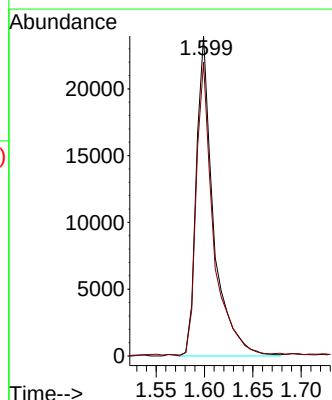
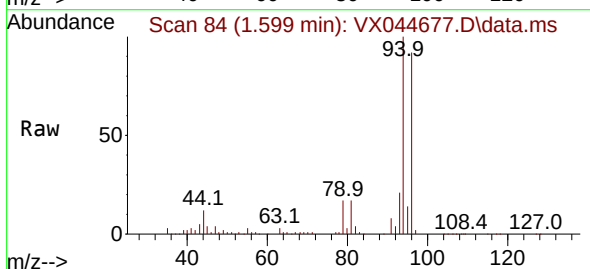
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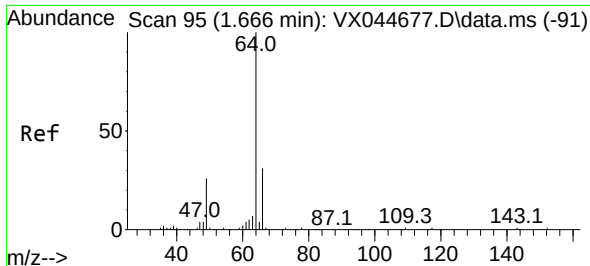
Tgt Ion: 62 Resp: 125330
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.7 44.1



#6
 Bromomethane
 Concen: 55.978 ug/L
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

Tgt Ion: 94 Resp: 29679
 Ion Ratio Lower Upper
 94 100
 96 91.8 64.3 119.3

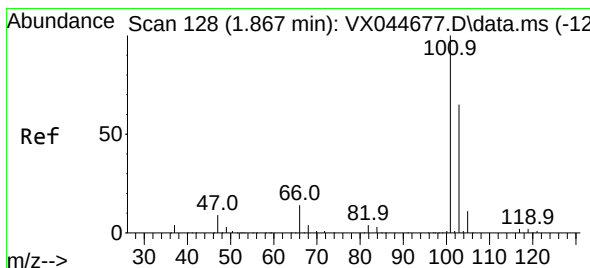
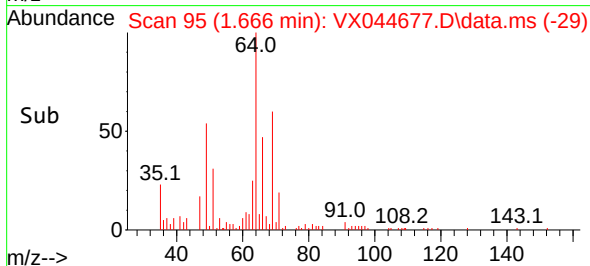
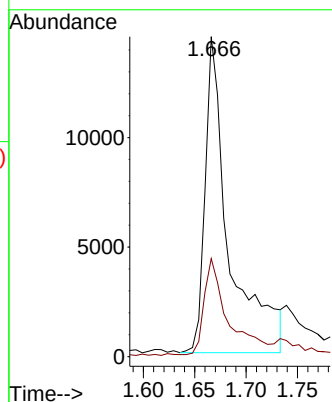
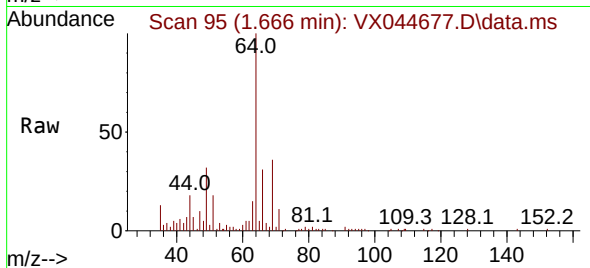




#8
Chloroethane
Concen: 57.069 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

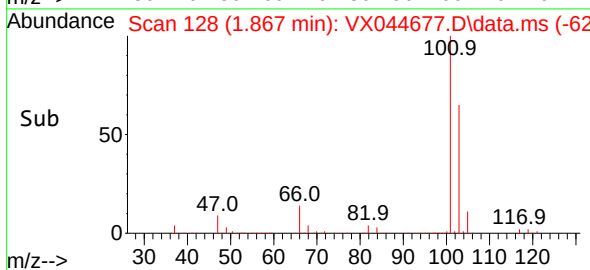
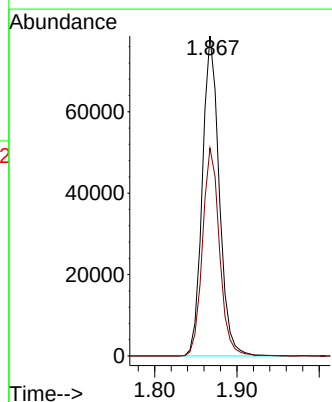
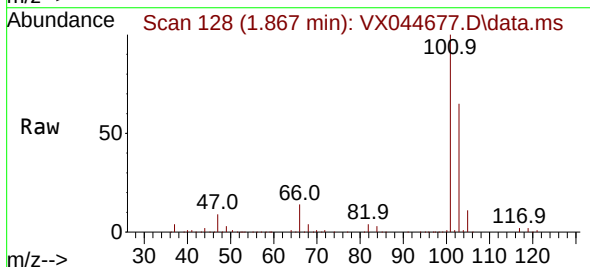
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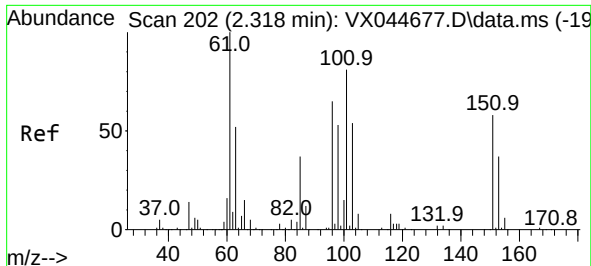
Tgt Ion: 64 Resp: 23561
Ion Ratio Lower Upper
64 100
66 30.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 54.916 ug/L
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion:101 Resp: 111949
Ion Ratio Lower Upper
101 100
103 65.2 52.2 78.2

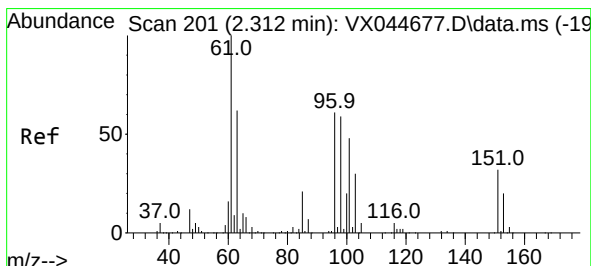
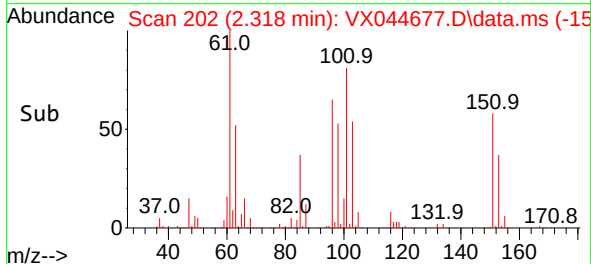
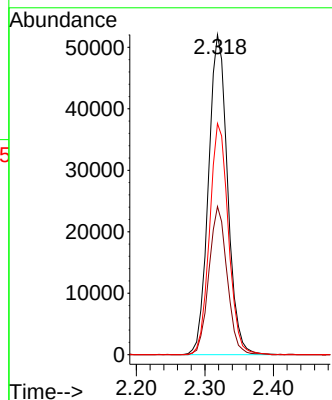
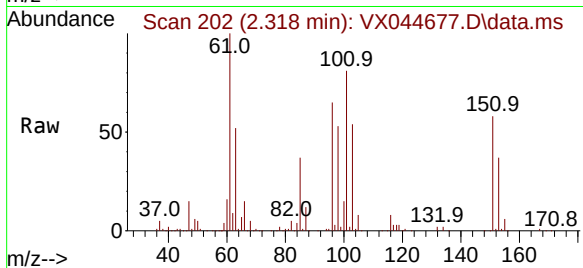




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 58.924 ug/L
 RT: 2.318 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

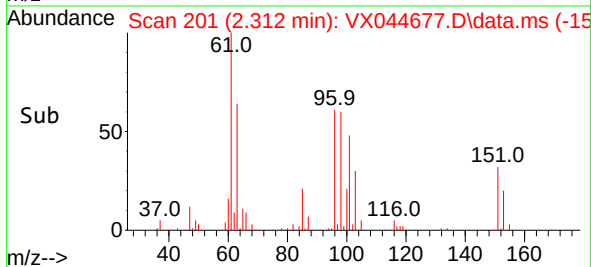
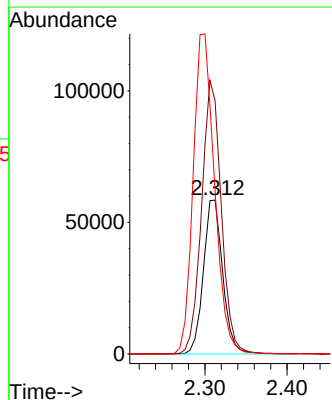
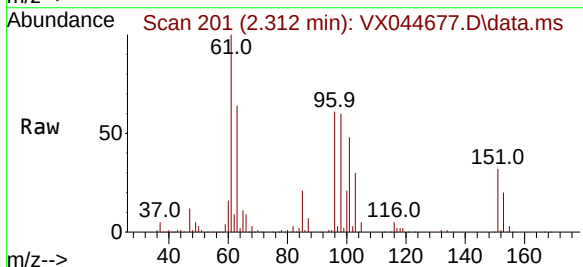
Instrument :
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 ClientSampleId :

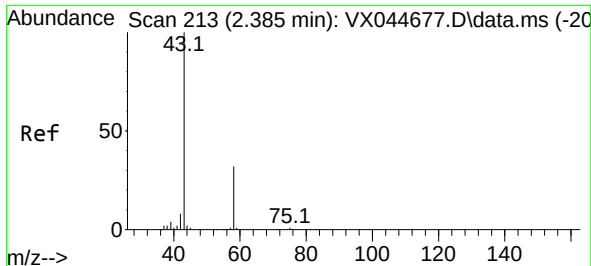
Tgt Ion:101 Resp: 100734
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.4 53.0
 151 71.2 57.0 85.4



#12
 1,1-Dichloroethene
 Concen: 60.116 ug/L
 RT: 2.312 min Scan# 201
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

Tgt Ion: 96 Resp: 95611
 Ion Ratio Lower Upper
 96 100
 61 164.5 115.1 213.8
 63 105.8 74.1 137.5

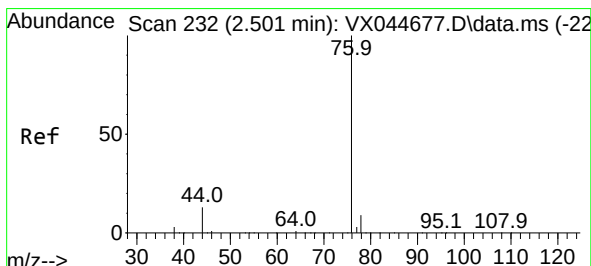
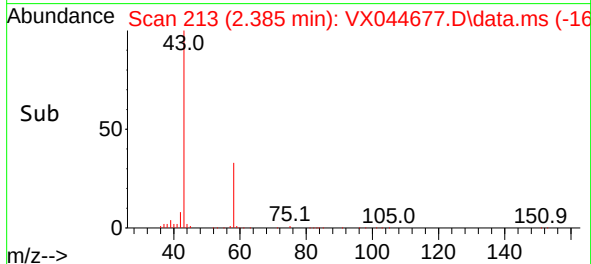
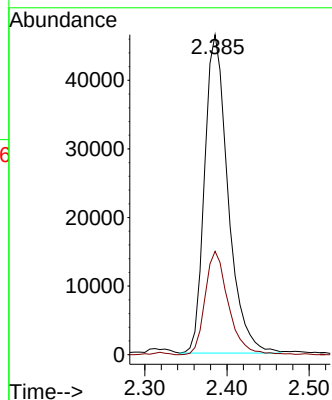
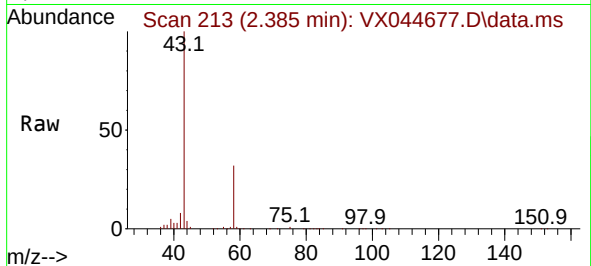




#13
Acetone
Concen: 111.656 ug/L
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044677.D
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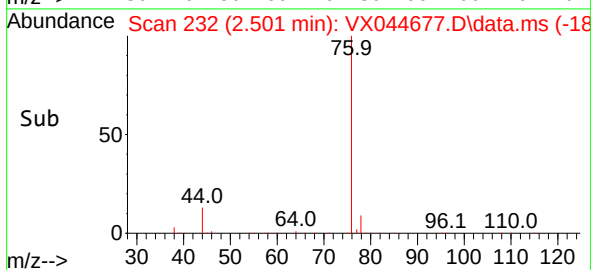
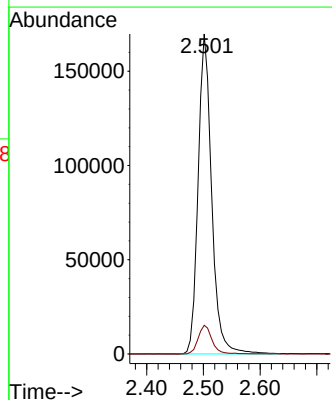
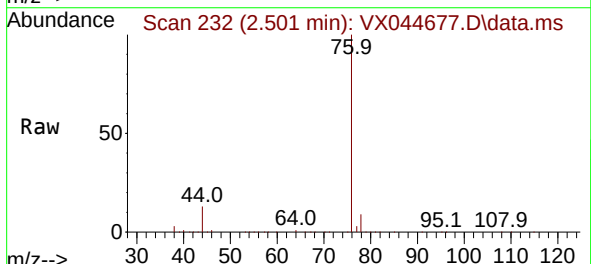
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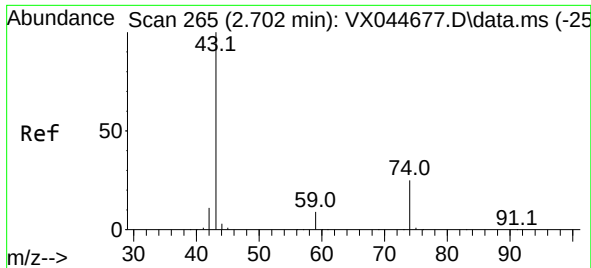
Tgt Ion: 43 Resp: 91980
Ion Ratio Lower Upper
43 100
58 32.3 0.0 64.6



#14
Carbon disulfide
Concen: 56.433 ug/L
RT: 2.501 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 76 Resp: 281700
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

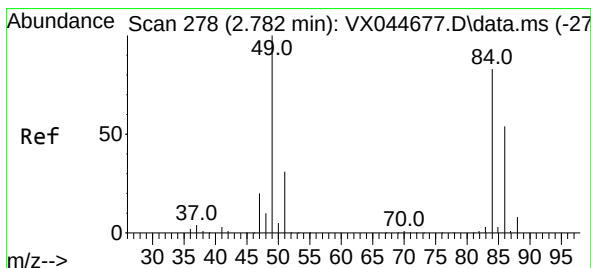
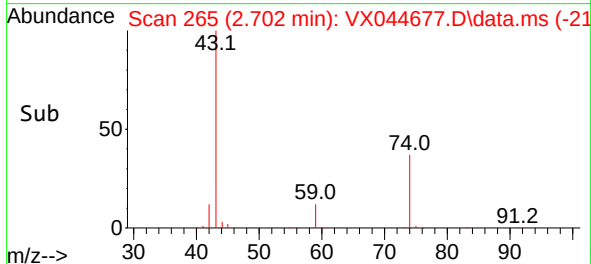
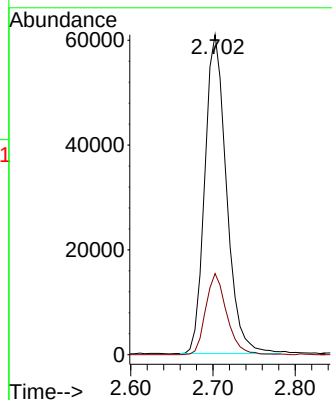
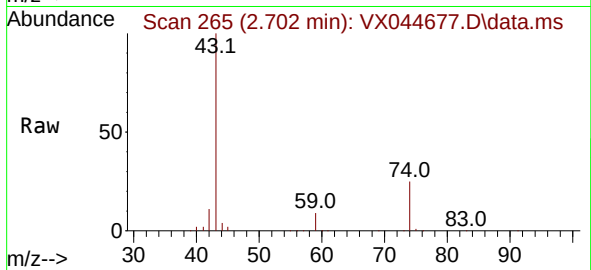




#15
Methyl Acetate
Concen: 56.443 ug/L
RT: 2.702 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

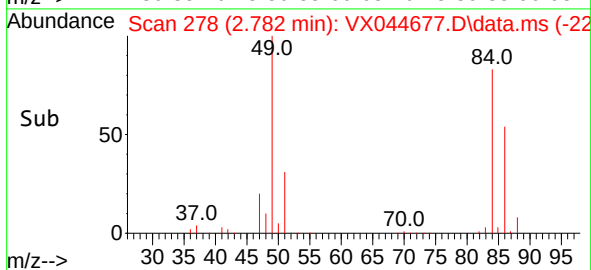
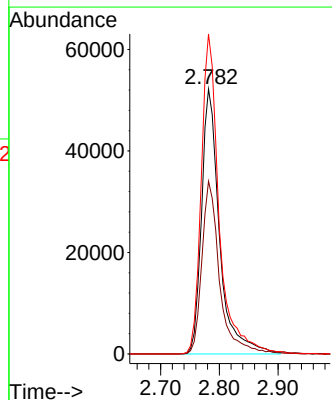
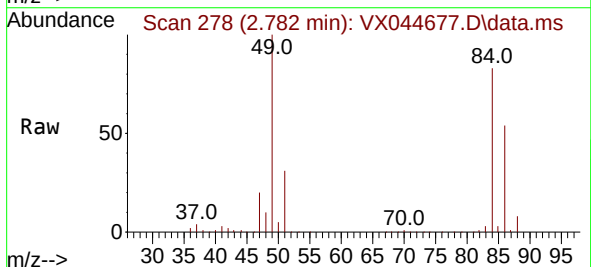
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ClientSampleId :

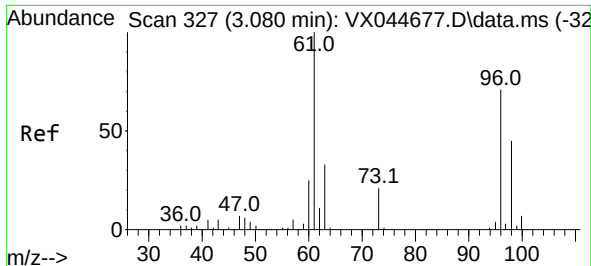
Tgt Ion: 43 Resp: 111438
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



#16
Methylene chloride
Concen: 56.533 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 84 Resp: 111234
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.8
49 120.8 84.6 157.0

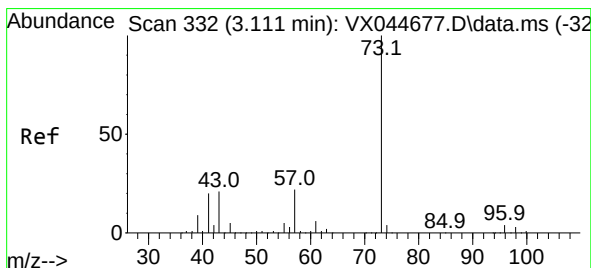
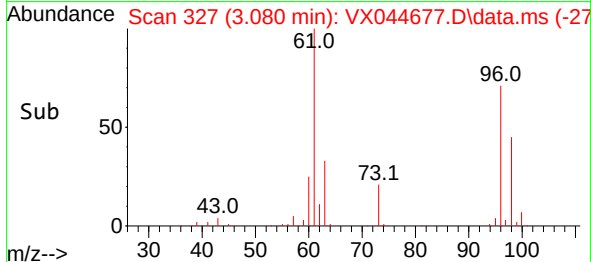
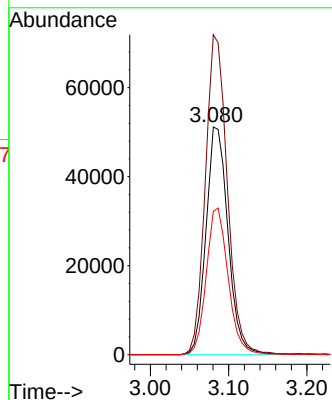
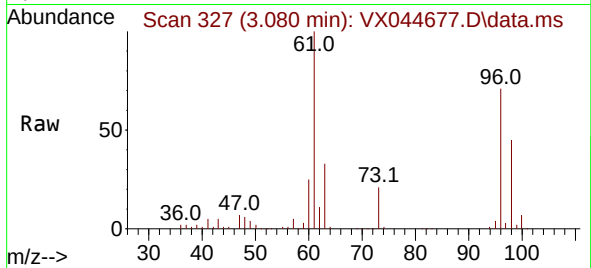




#17
trans-1,2-Dichloroethene
Concen: 56.113 ug/L
RT: 3.080 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

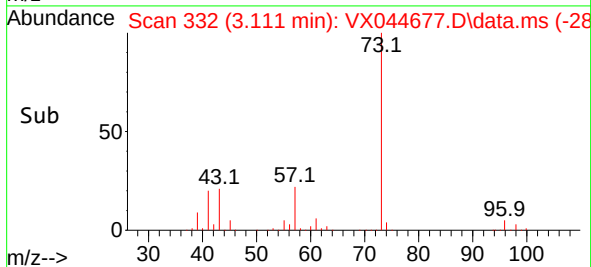
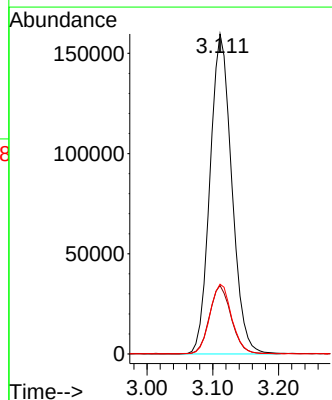
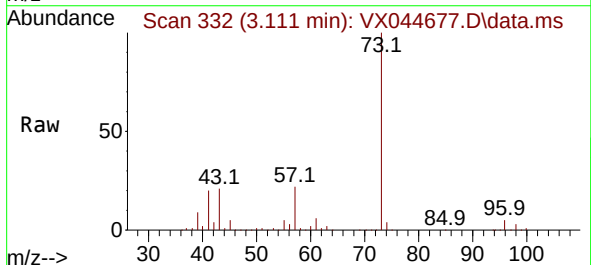
Instrument :
MSVOA_X
ClientSampleId :

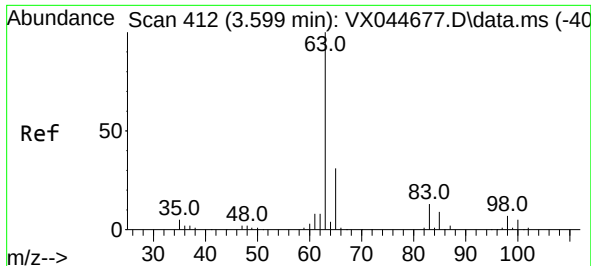
Tgt Ion: 96 Resp: 99958
Ion Ratio Lower Upper
96 100
61 140.5 98.3 182.7
98 63.0 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 57.408 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 73 Resp: 368005
Ion Ratio Lower Upper
73 100
43 21.1 16.9 25.3
57 21.7 17.4 26.0





#19

1,1-Dichloroethane

Concen: 56.655 ug/L

RT: 3.599 min Scan# 412

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

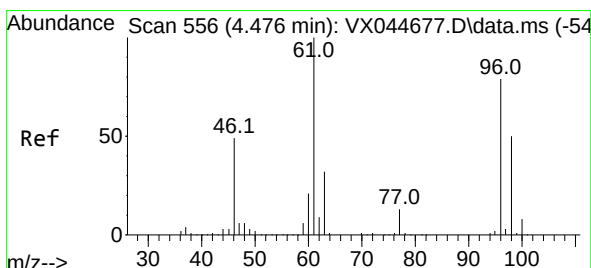
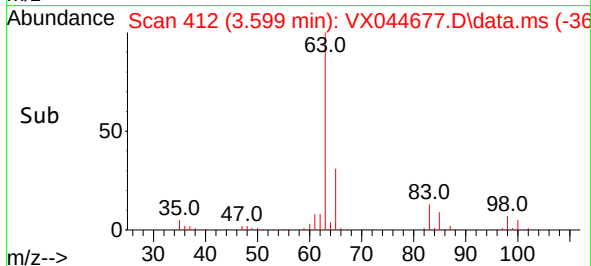
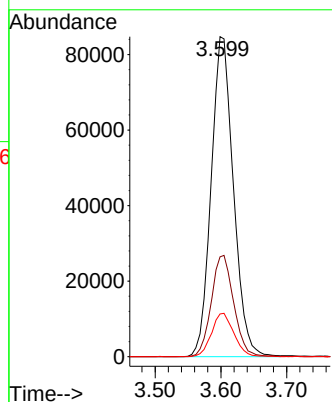
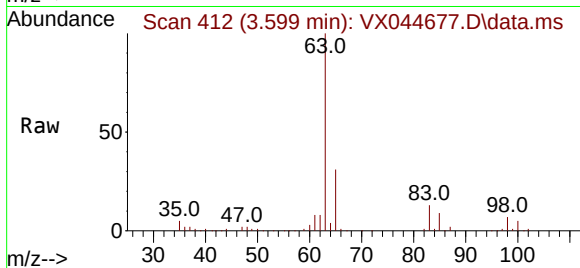
Tgt Ion: 63 Resp: 199670

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 13.4 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 56.219 ug/L

RT: 4.476 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

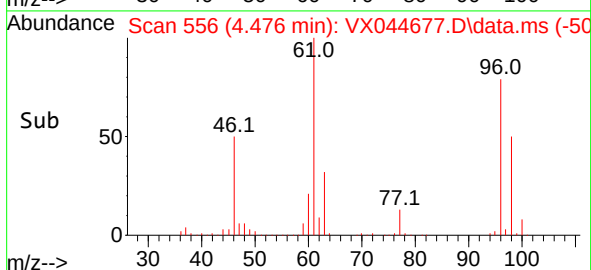
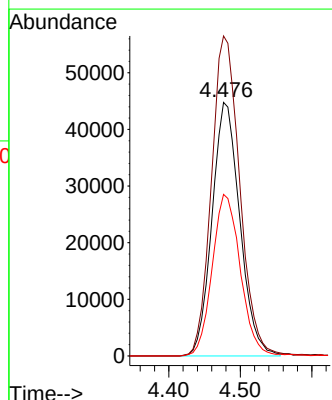
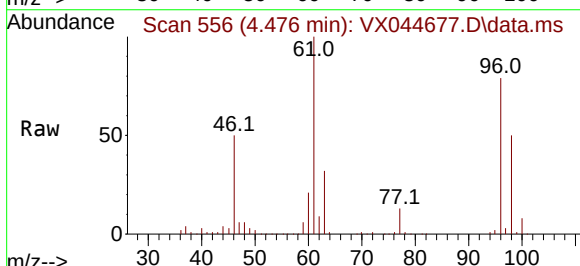
Tgt Ion: 96 Resp: 120961

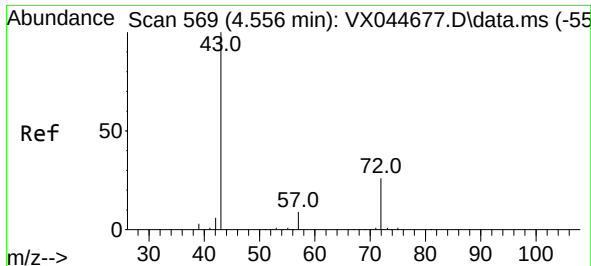
Ion Ratio Lower Upper

96 100

61 126.1 88.3 163.9

98 63.7 44.6 82.8

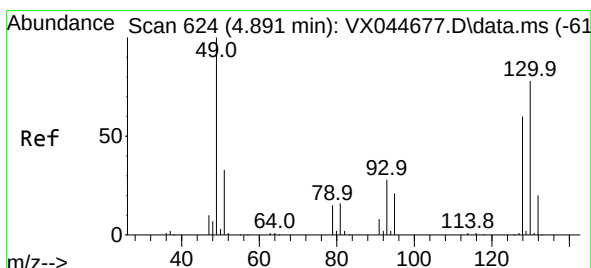
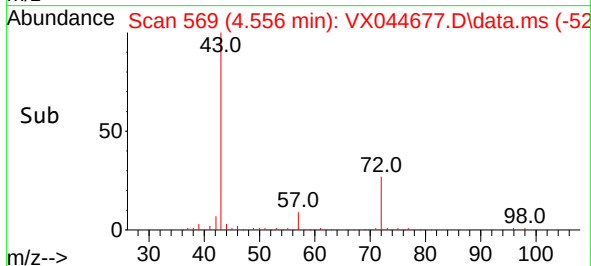
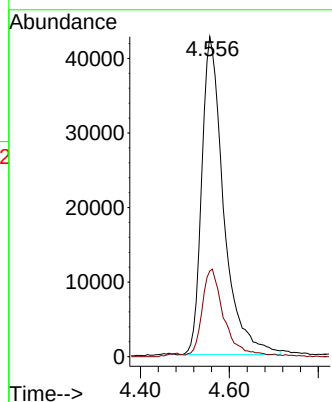
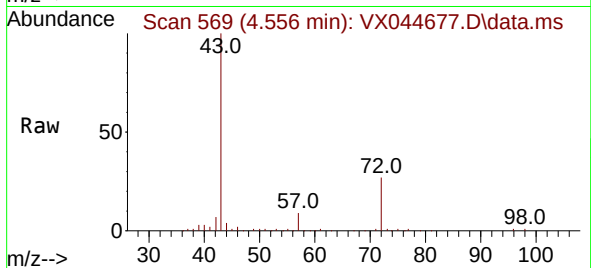




#22
2-Butanone
Concen: 116.489 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

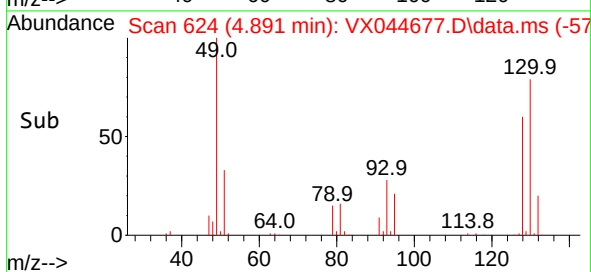
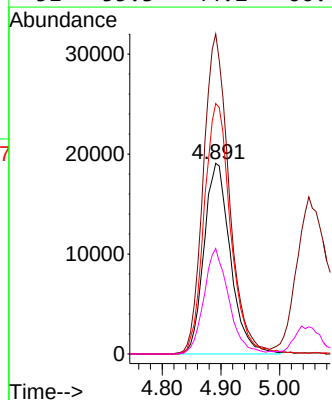
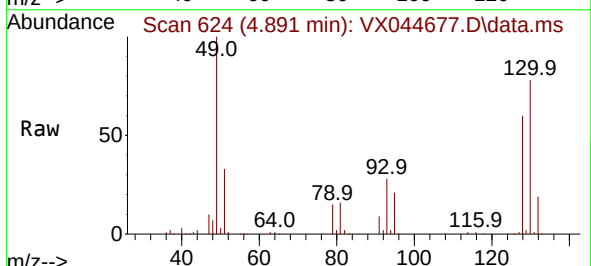
Instrument :
MSVOA_X
ClientSampleId :

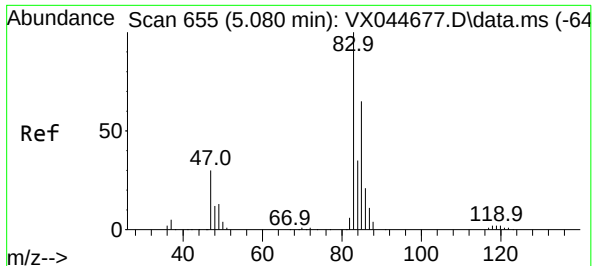
Tgt Ion: 43 Resp: 146471
Ion Ratio Lower Upper
43 100
72 26.8 13.4 40.2



#23
Bromochloromethane
Concen: 56.389 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 128 Resp: 59452
Ion Ratio Lower Upper
128 100
49 168.0 117.6 218.4
130 131.5 92.0 170.9
51 55.3 44.2 66.4

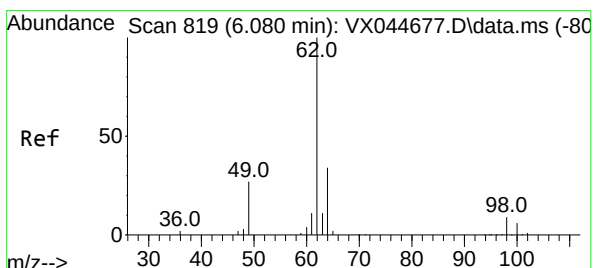
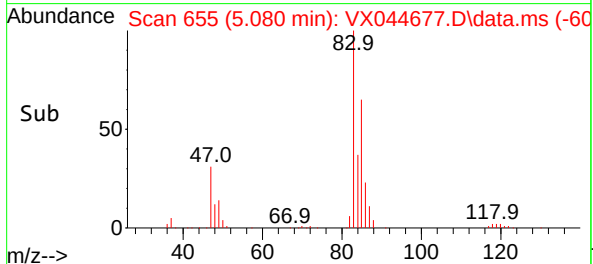
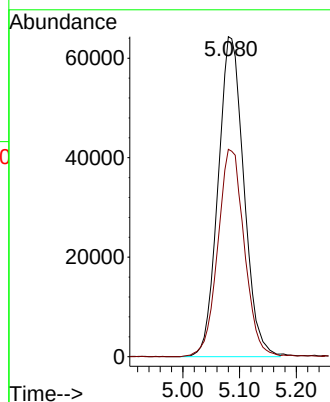
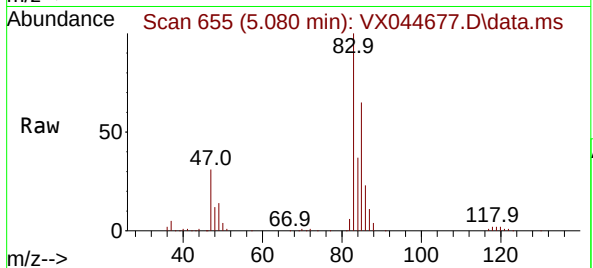




#25
Chloroform
Concen: 56.166 ug/L
RT: 5.080 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

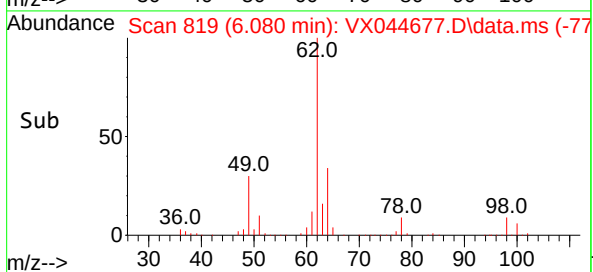
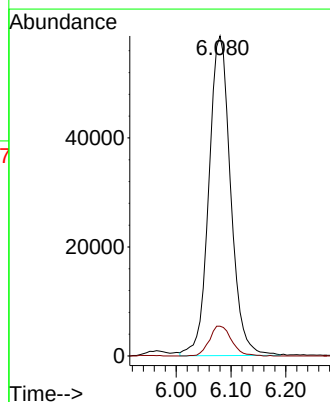
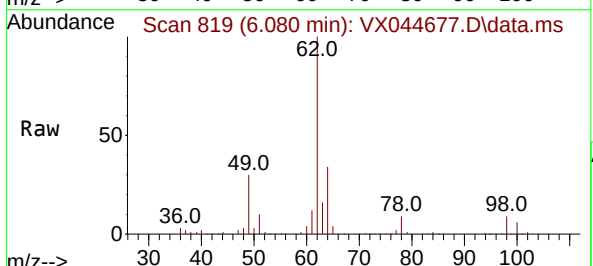
Instrument :
MSVOA_X
ClientSampleId :

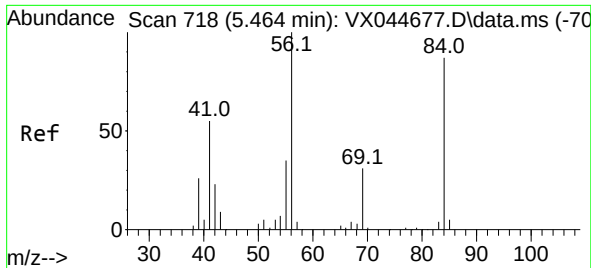
Tgt Ion: 83 Resp: 202837
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 57.993 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

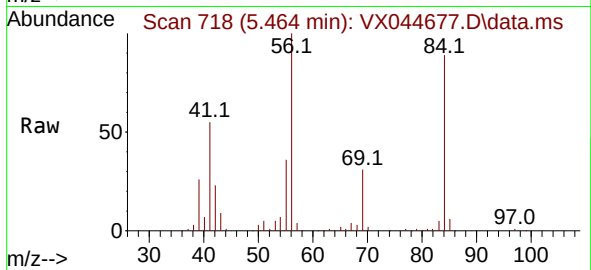
Tgt Ion: 62 Resp: 161655
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2



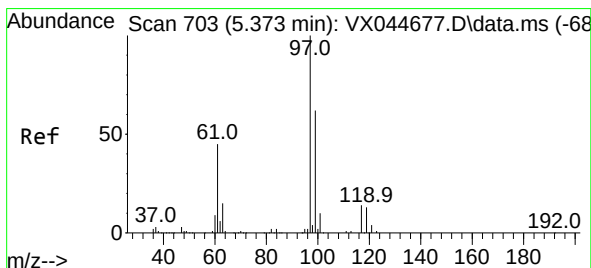
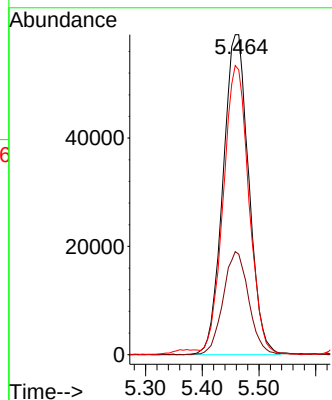
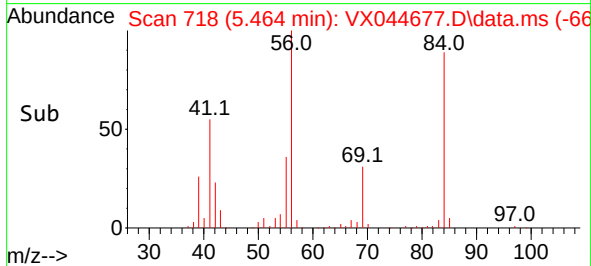


#29
Cyclohexane
Concen: 58.208 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

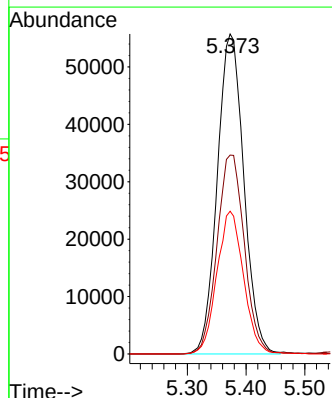
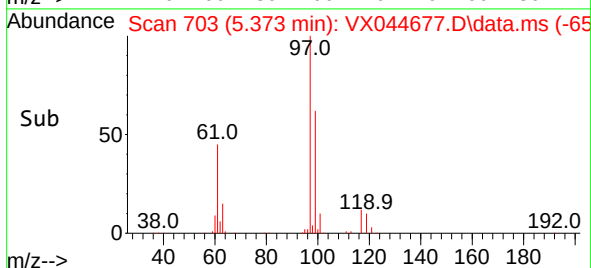
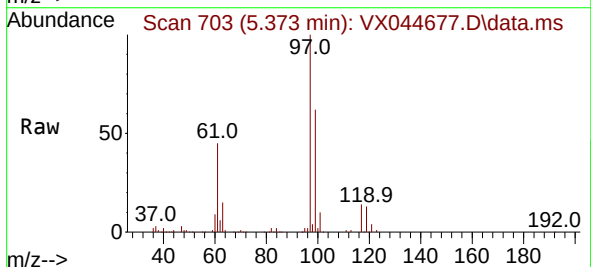


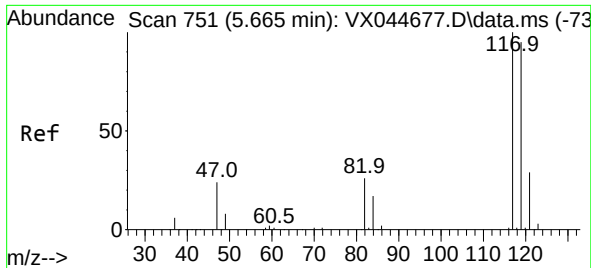
Tgt Ion: 56 Resp: 186710
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.2
84 89.6 71.6 107.4



#30
1,1,1-Trichloroethane
Concen: 57.773 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 97 Resp: 175443
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.4
61 44.7 35.8 53.6

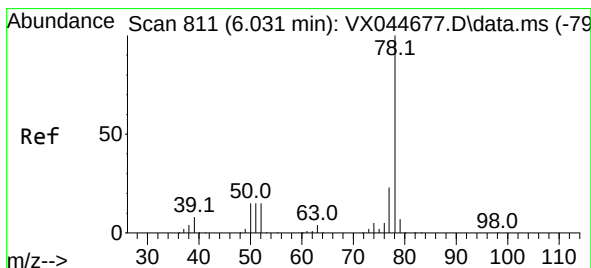
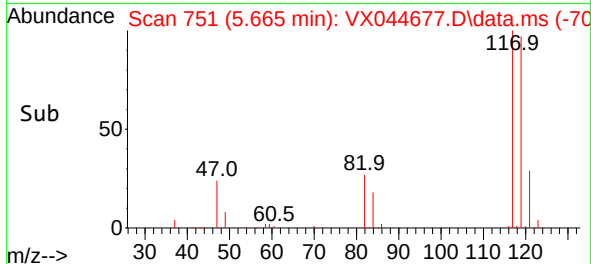
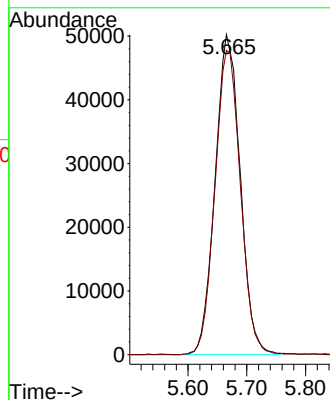
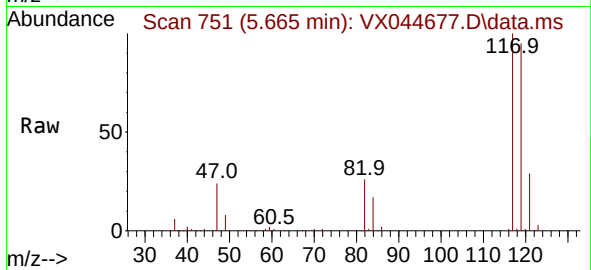




#31
Carbon tetrachloride
Concen: 57.206 ug/L
RT: 5.665 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

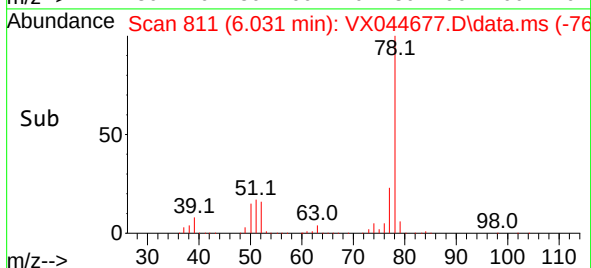
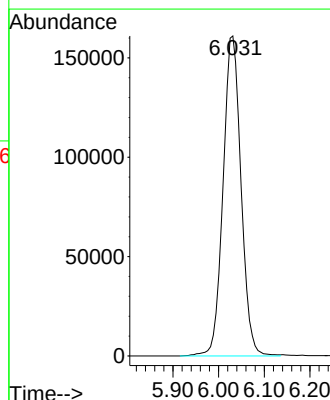
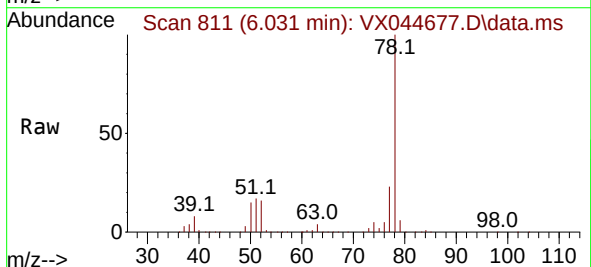
Instrument :
MSVOA_X
ClientSampleId :

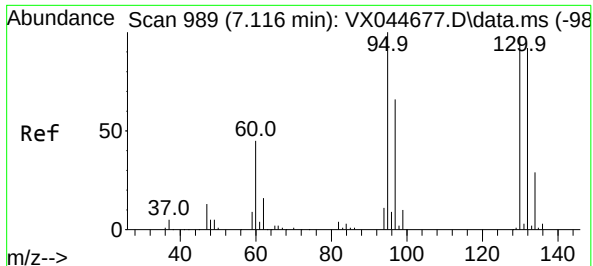
Tgt Ion:117 Resp: 149243
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 58.450 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 78 Resp: 439747

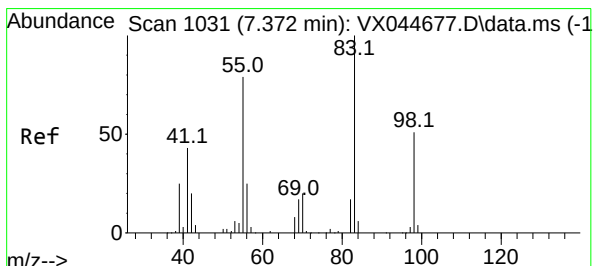
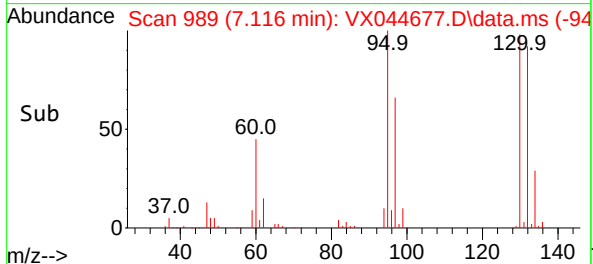
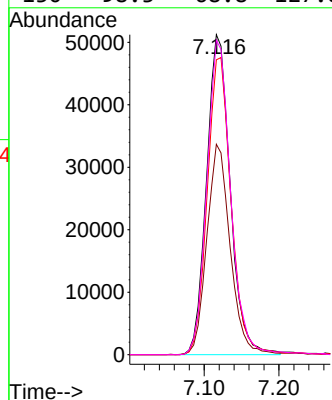
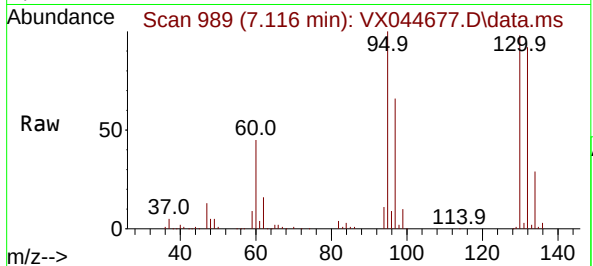




#34
Trichloroethene
Concen: 57.609 ug/L
RT: 7.116 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

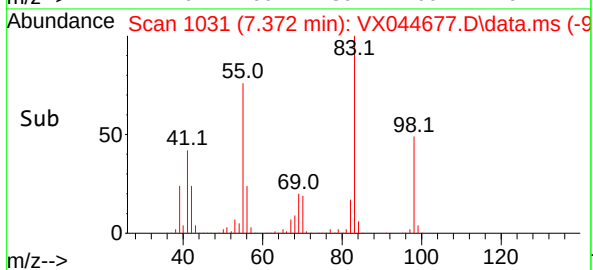
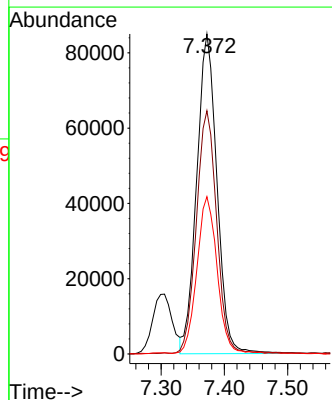
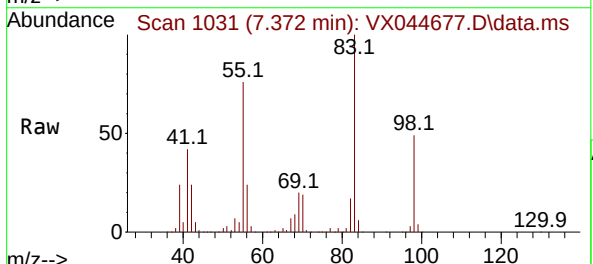
Instrument :
MSVOA_X
ClientSampleId :

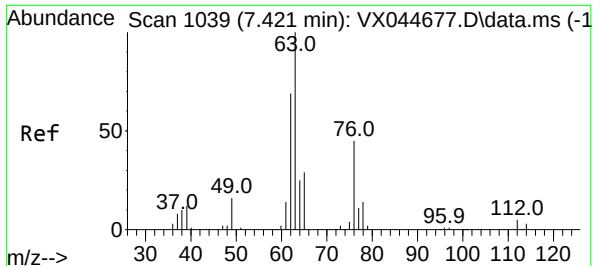
Tgt Ion: 95 Resp: 112817
Ion Ratio Lower Upper
95 100
97 65.8 46.1 85.5
132 92.2 64.5 119.9
130 98.3 68.8 127.8



#35
Methylcyclohexane
Concen: 58.779 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 83 Resp: 189441
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 48.6 38.9 58.3





#37

1,2-Dichloropropane

Concen: 57.609 ug/L

RT: 7.421 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

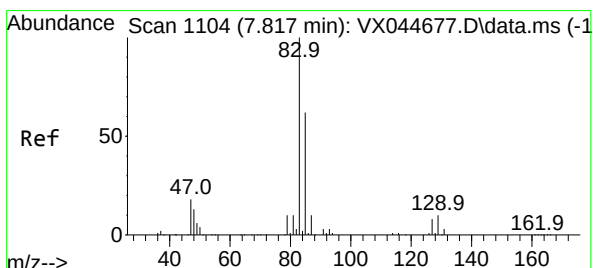
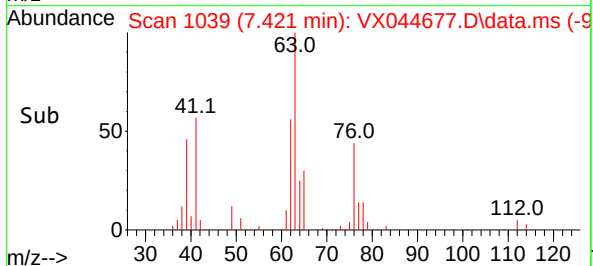
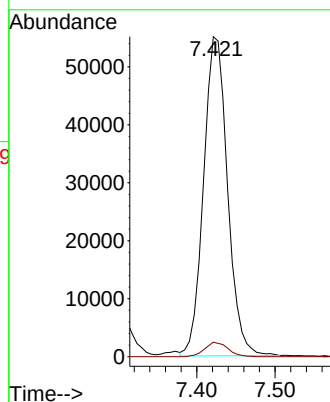
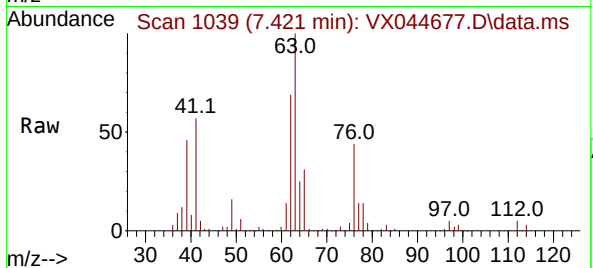
ClientSampleId :

Tgt Ion: 63 Resp: 117128

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 57.850 ug/L

RT: 7.817 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

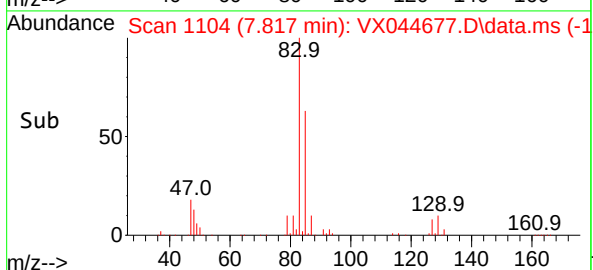
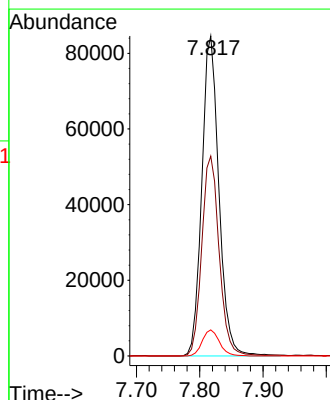
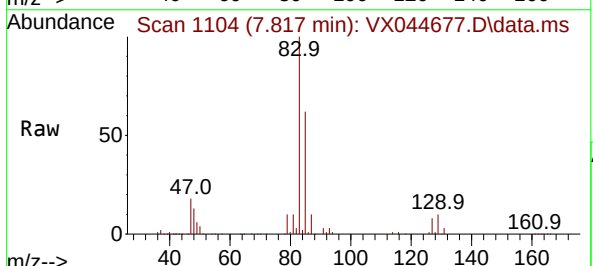
Tgt Ion: 83 Resp: 159272

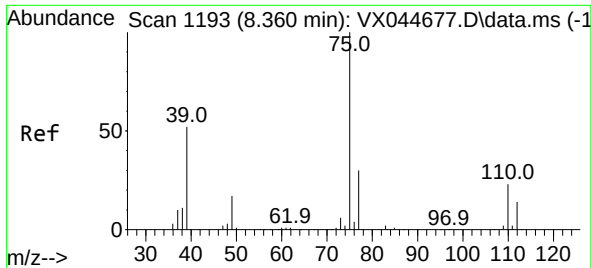
Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3

127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 57.568 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

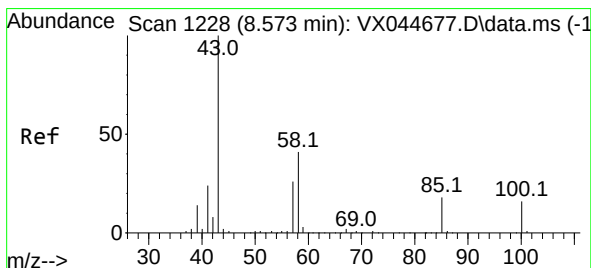
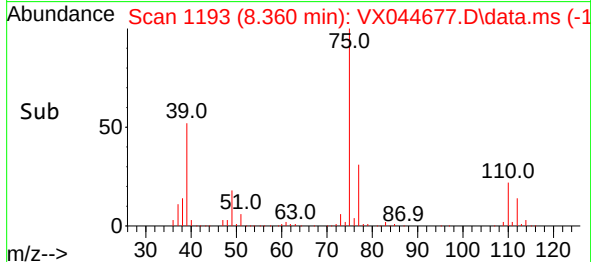
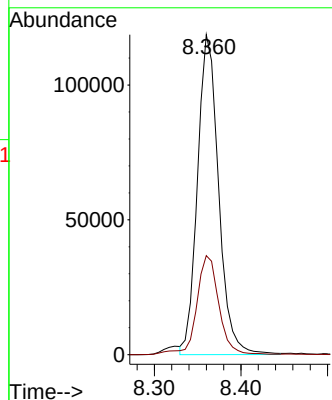
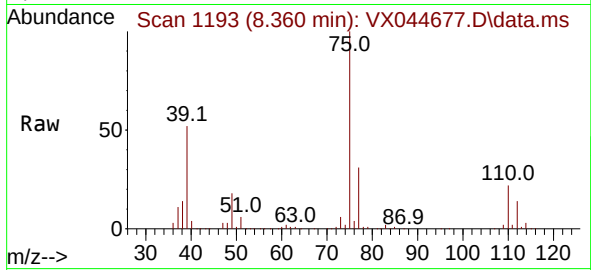
ClientSampleId :

Tgt Ion: 75 Resp: 201273

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 117.340 ug/L

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

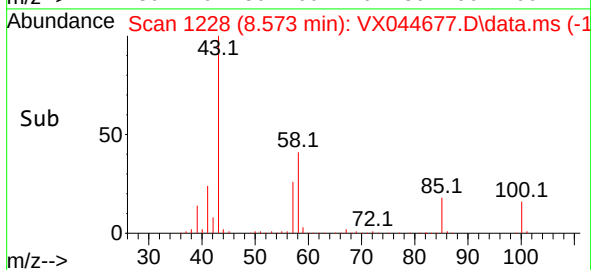
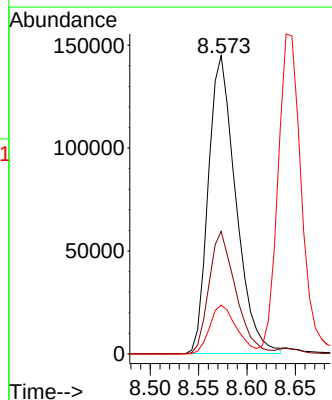
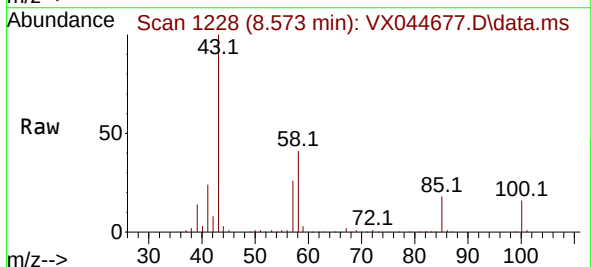
Tgt Ion: 43 Resp: 286120

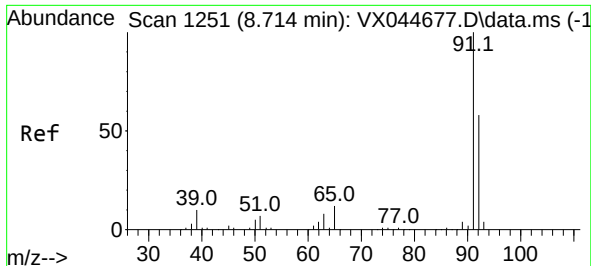
Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1

100 16.1 12.9 19.3

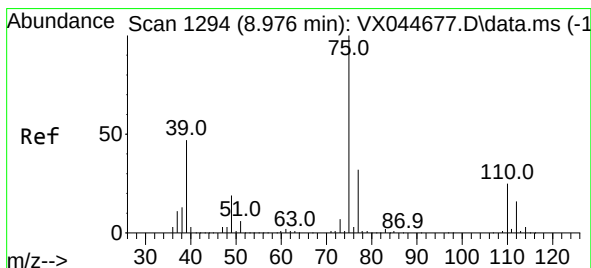
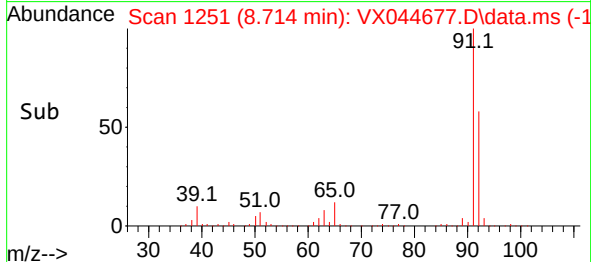
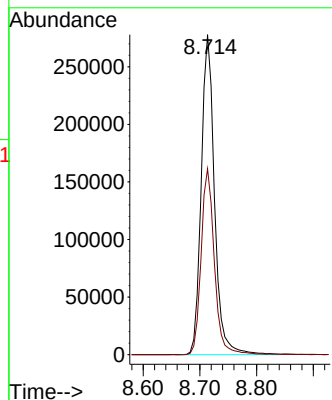
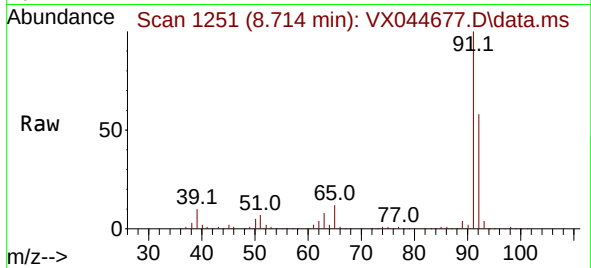




#42
Toluene
Concen: 57.996 ug/L
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

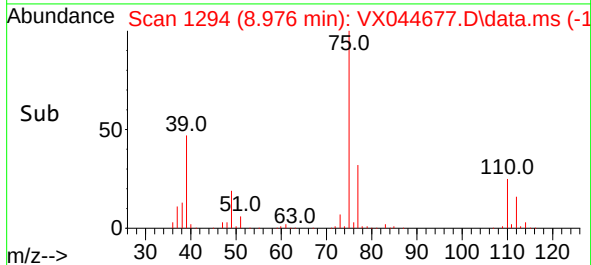
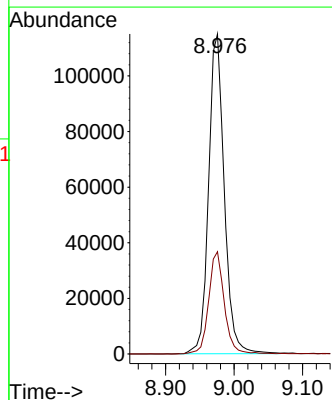
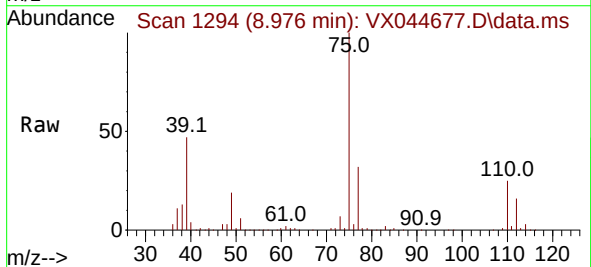
Instrument :
MSVOA_X
ClientSampleId :

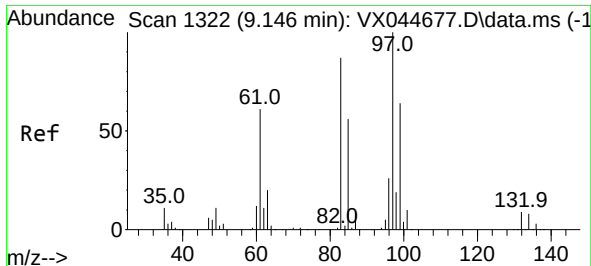
Tgt Ion: 91 Resp: 452015
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 57.837 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 75 Resp: 182954
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 56.779 ug/L

RT: 9.146 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 112390

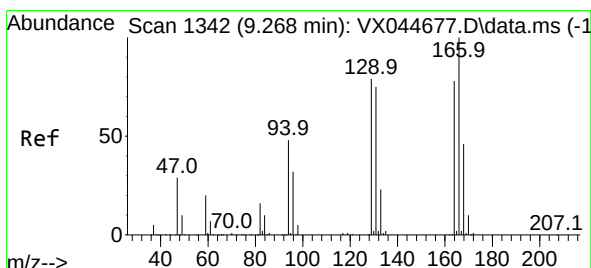
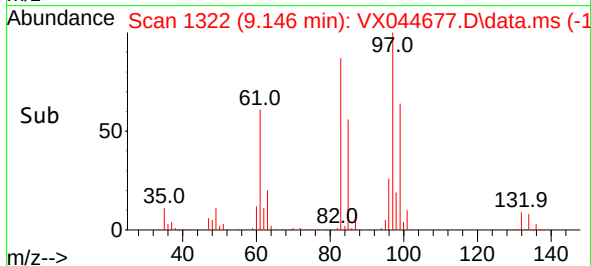
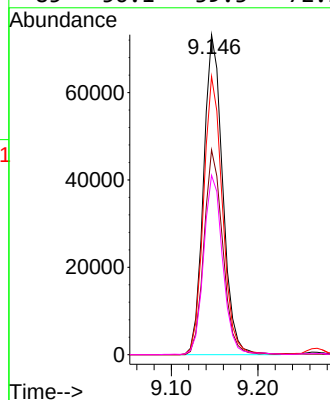
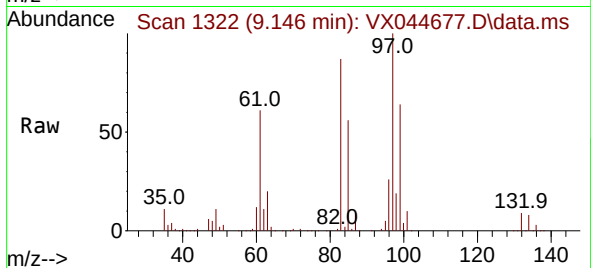
Ion Ratio Lower Upper

97 100

99 64.0 44.8 83.2

83 86.9 60.8 113.0

85 56.1 39.3 72.9



#46

Tetrachloroethene

Concen: 58.400 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Tgt Ion: 164 Resp: 78344

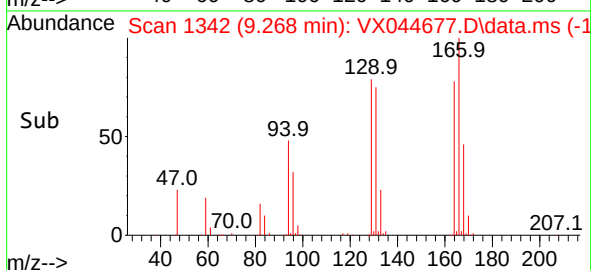
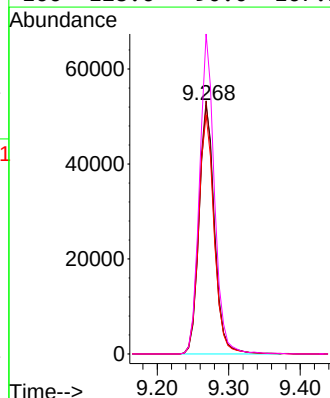
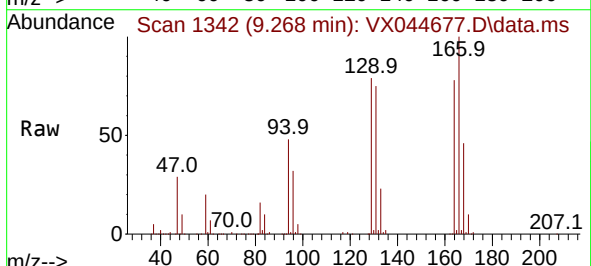
Ion Ratio Lower Upper

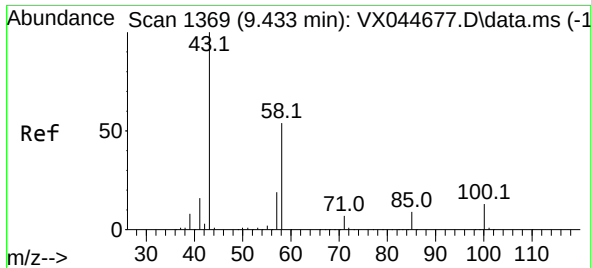
164 100

129 101.7 71.2 132.2

131 96.0 67.2 124.8

166 128.6 90.0 167.2



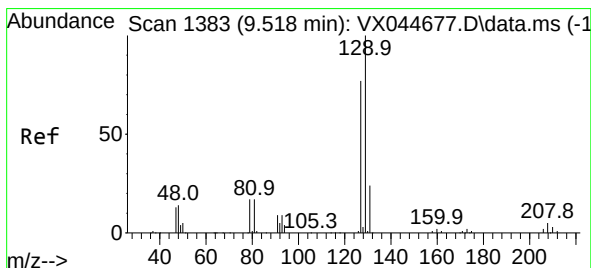
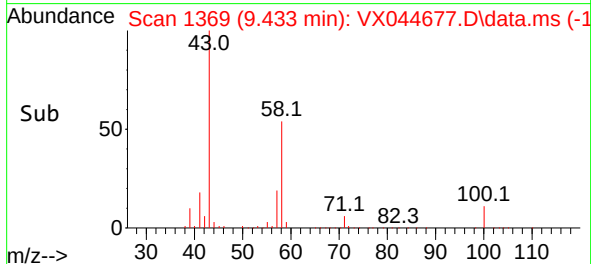
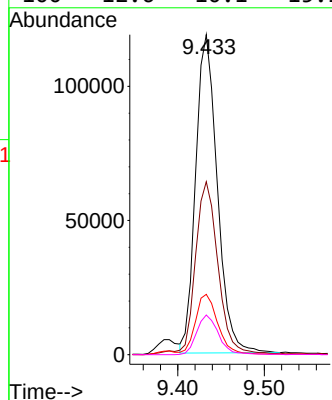
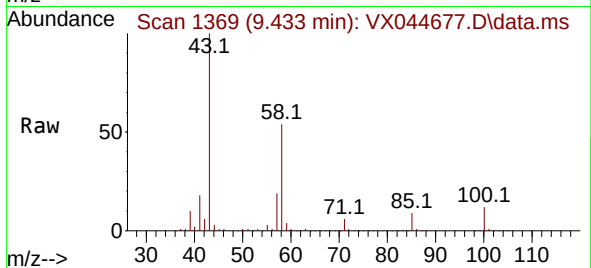


#48
2-Hexanone
Concen: 114.809 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 206037

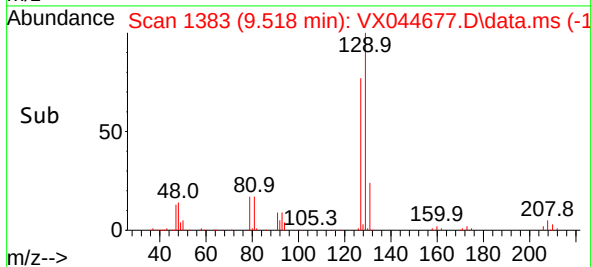
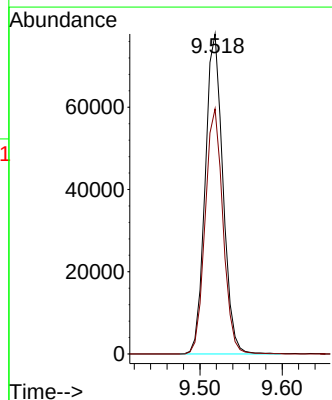
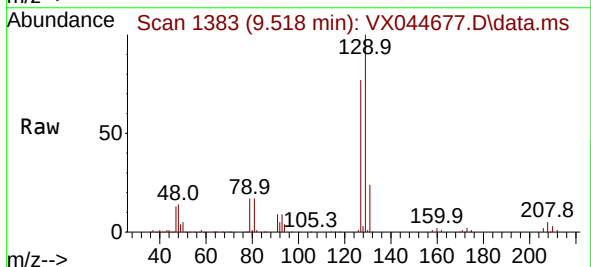
Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.3	66.5
57	19.9	15.9	23.9
100	12.6	10.1	15.1

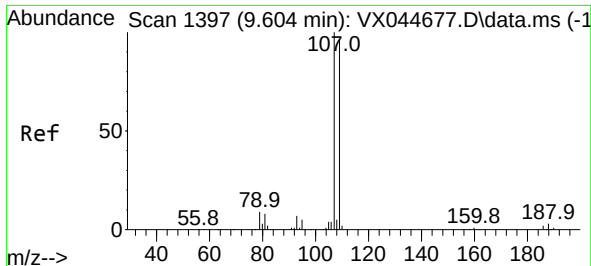


#49
Dibromochloromethane
Concen: 56.776 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 129 Resp: 116377

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6





#50

1,2-Dibromoethane

Concen: 57.449 ug/L

RT: 9.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

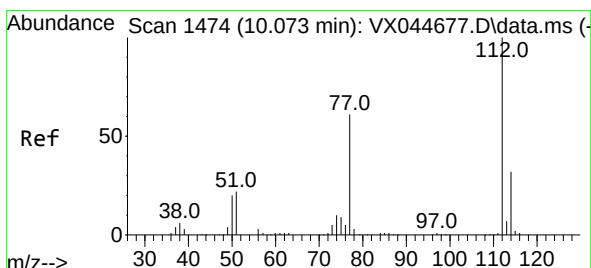
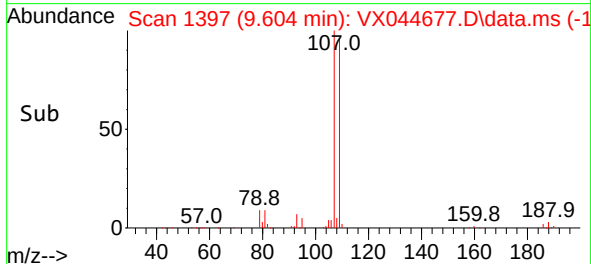
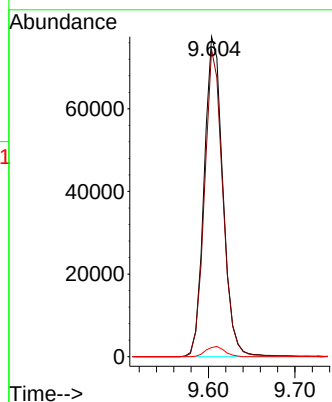
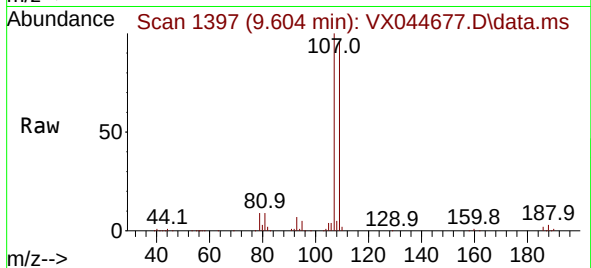
Tgt Ion:107 Resp: 115881

Ion Ratio Lower Upper

107 100

109 96.0 67.2 124.8

188 2.8 2.2 3.4



#51

Chlorobenzene

Concen: 56.761 ug/L

RT: 10.073 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

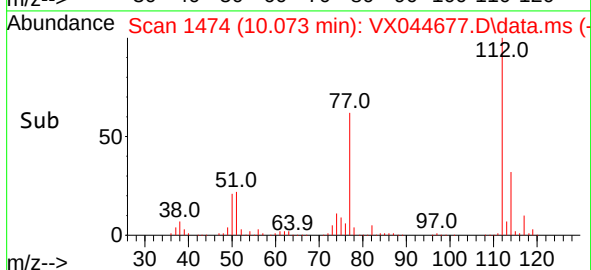
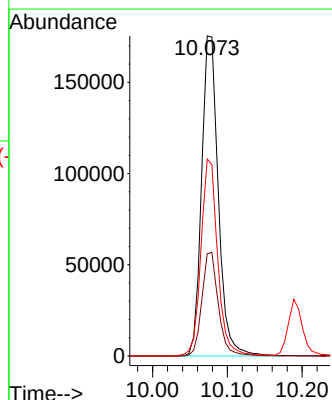
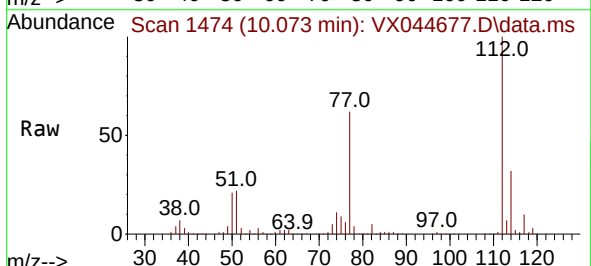
Tgt Ion:112 Resp: 272976

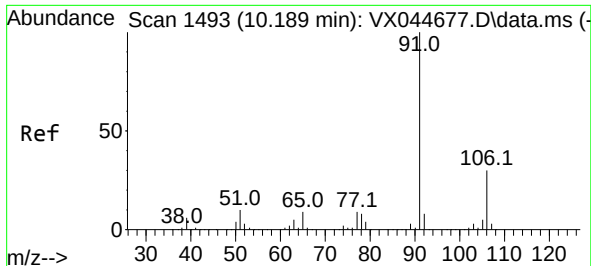
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 61.5 49.2 73.8

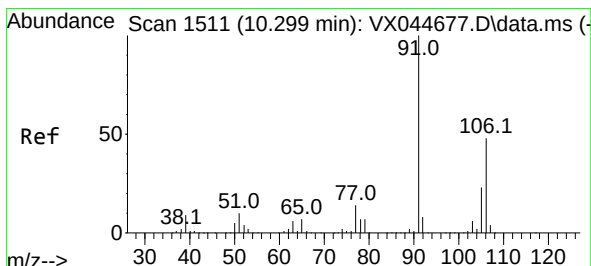
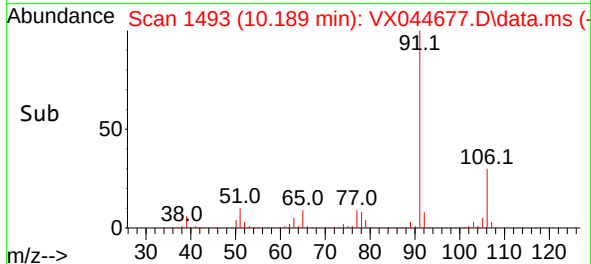
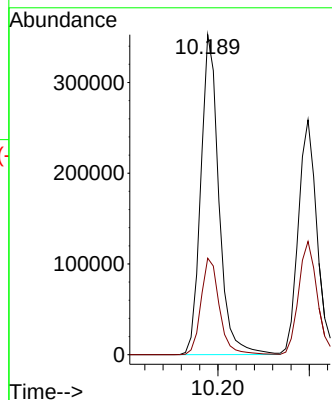
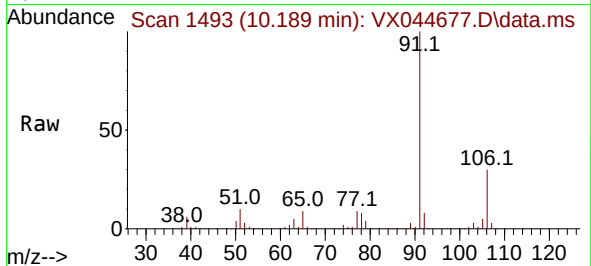




#52
Ethylbenzene
Concen: 57.630 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

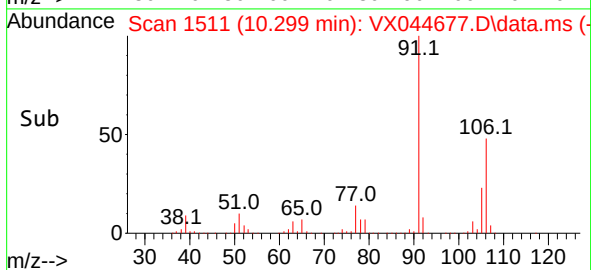
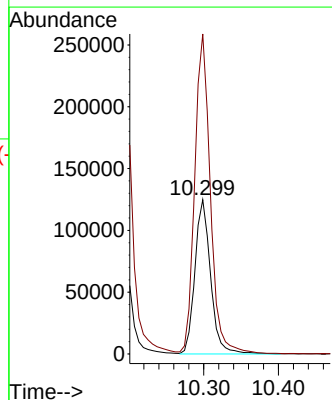
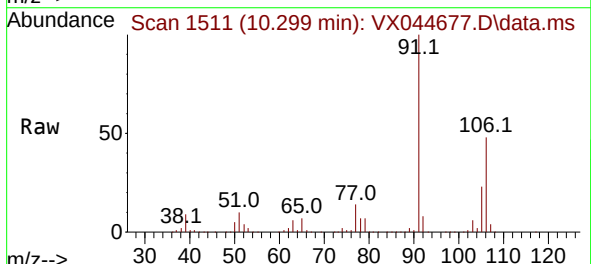
Instrument :
MSVOA_X
ClientSampleId :

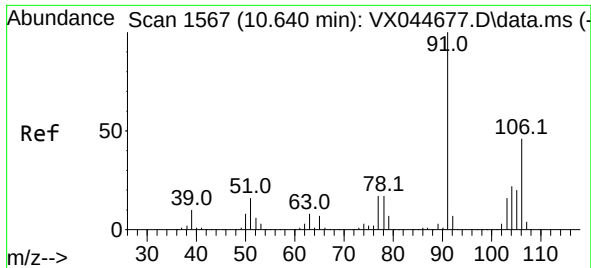
Tgt Ion: 91 Resp: 484323
Ion Ratio Lower Upper
91 100
106 30.2 21.1 39.3



#53
m,p-Xylene
Concen: 57.803 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 106 Resp: 181702
Ion Ratio Lower Upper
106 100
91 207.4 145.2 269.6

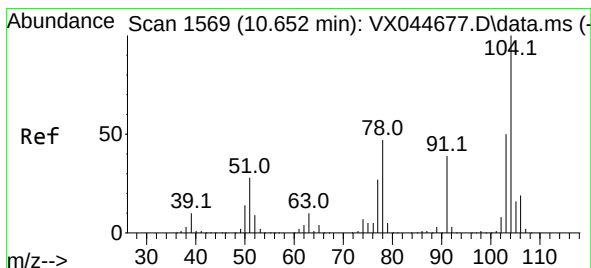
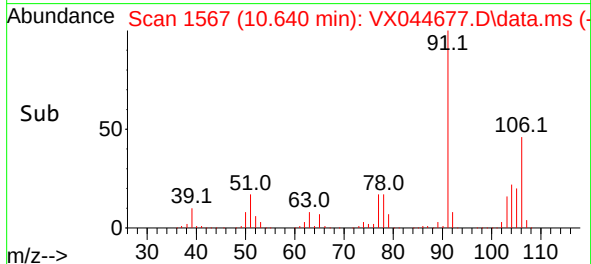
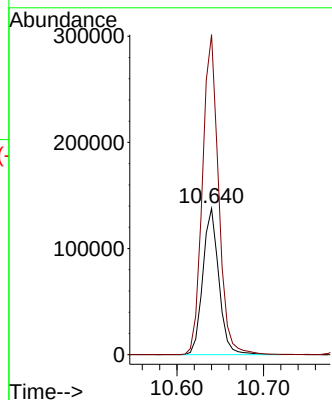
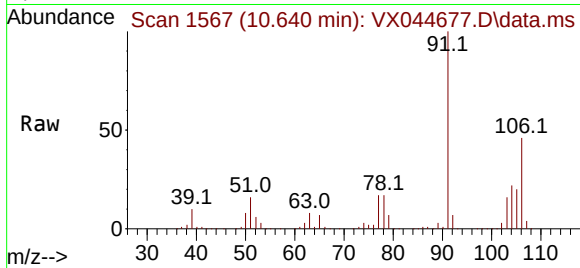




#54
o-Xylene
Concen: 56.818 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

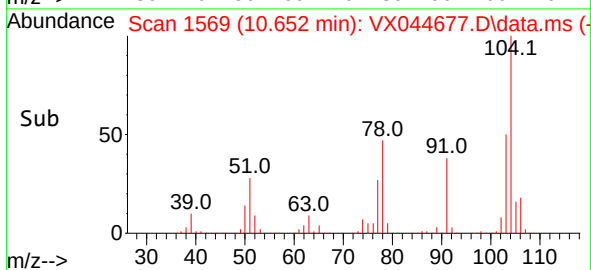
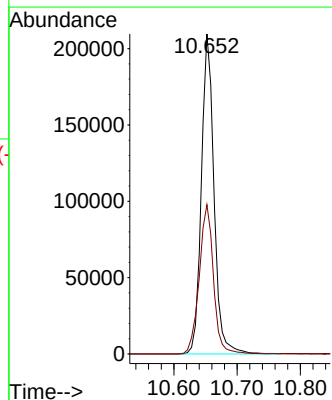
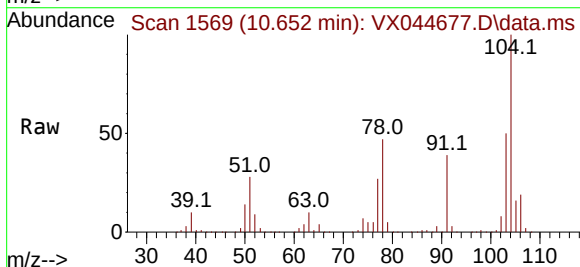
Instrument :
MSVOA_X
ClientSampleId :

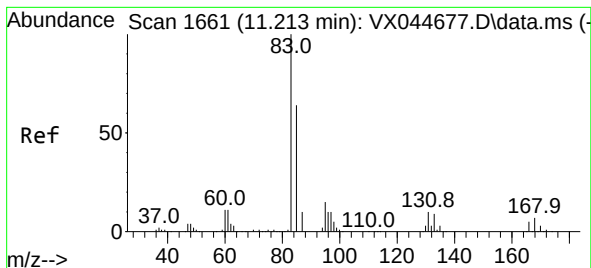
Tgt Ion:106 Resp: 177308
Ion Ratio Lower Upper
106 100
91 218.8 153.2 284.4



#55
Styrene
Concen: 57.771 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion:104 Resp: 291944
Ion Ratio Lower Upper
104 100
78 46.7 32.7 60.7

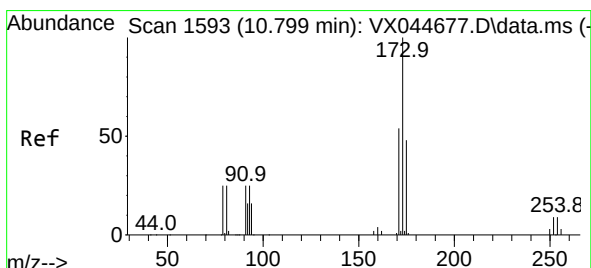
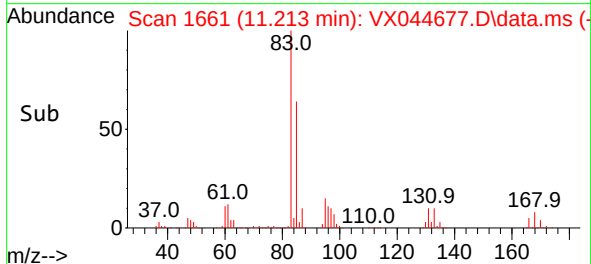
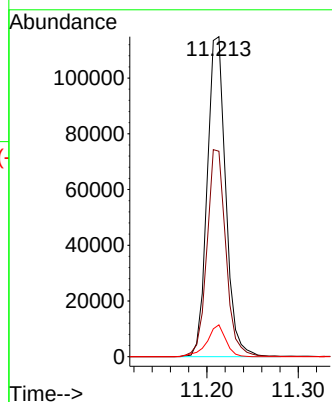
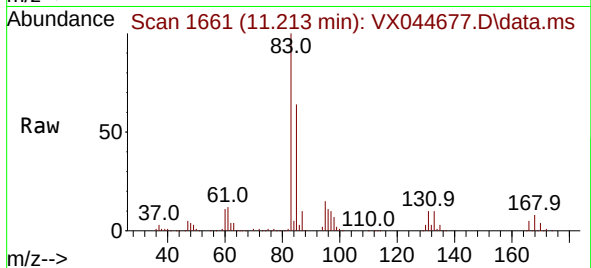




#57
1,1,2,2-Tetrachloroethane
Concen: 56.284 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

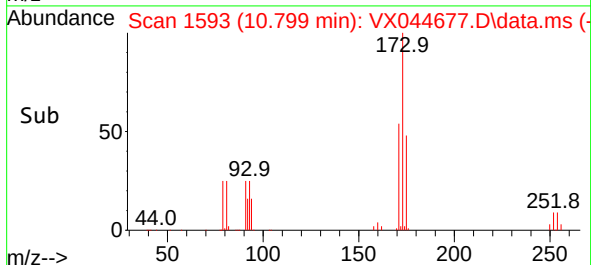
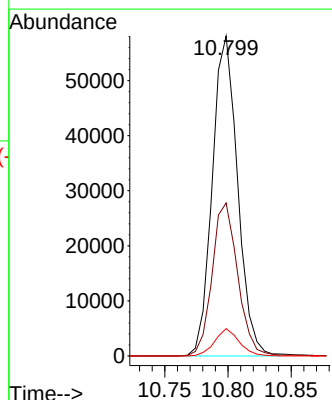
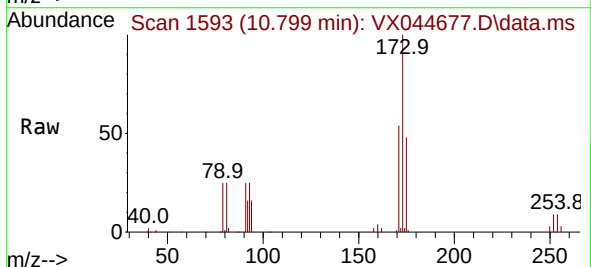
Instrument :
MSVOA_X
ClientSampleId :

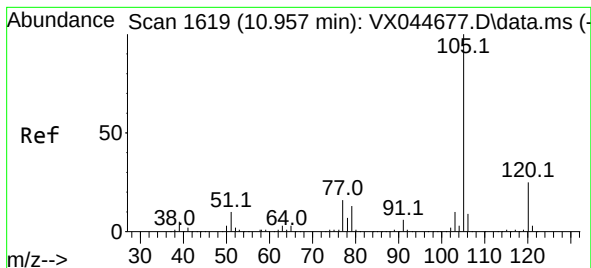
Tgt Ion: 83 Resp: 161778
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 10.0 8.0 12.0



#59
Bromoform
Concen: 57.749 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion:173 Resp: 80858
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 8.3 6.6 10.0





#60

Isopropylbenzene

Concen: 57.729 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

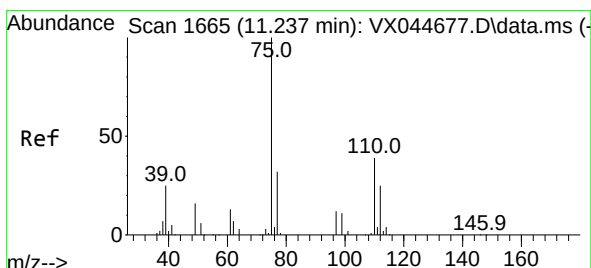
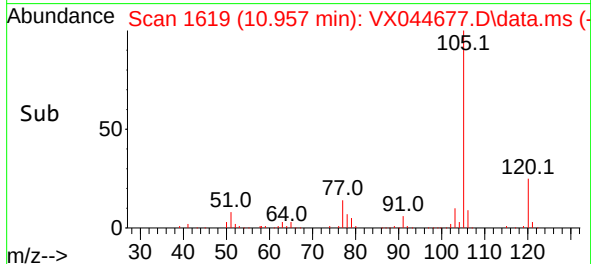
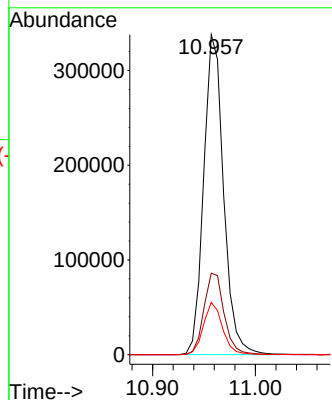
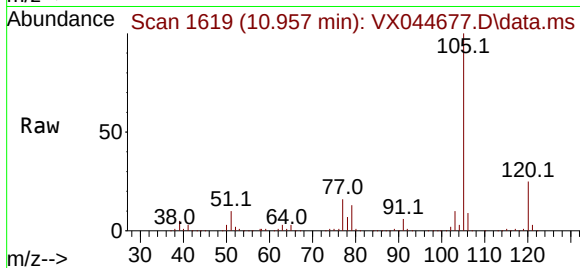
Tgt Ion:105 Resp: 454256

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 15.8 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 56.132 ug/L

RT: 11.237 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

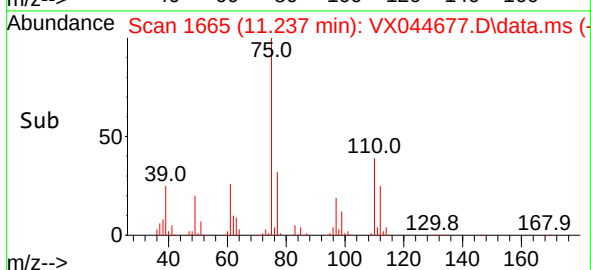
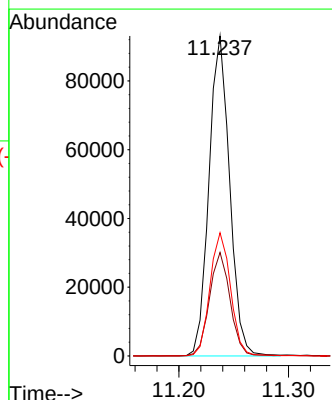
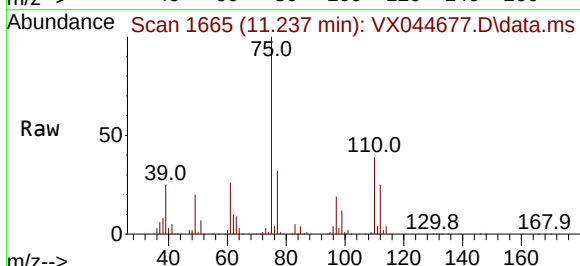
Tgt Ion: 75 Resp: 121965

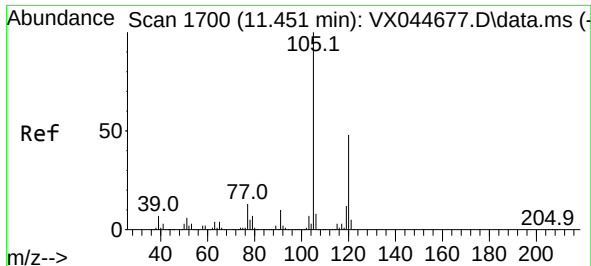
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

110 38.5 30.8 46.2

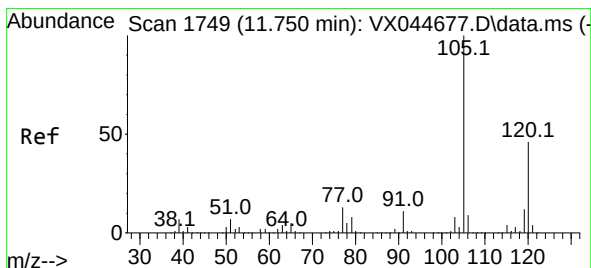
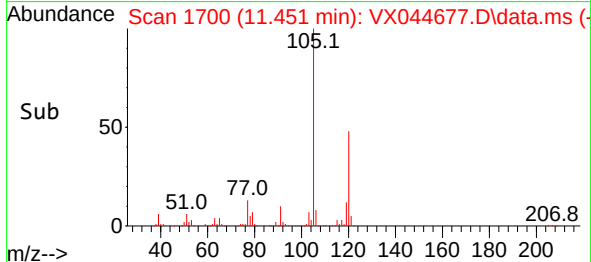
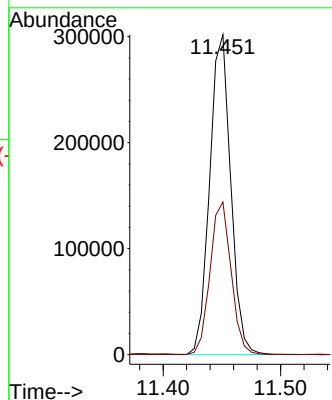
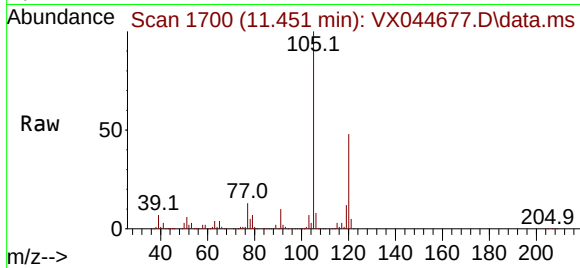




#62
 1,3,5-Trimethylbenzene
 Concen: 57.501 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

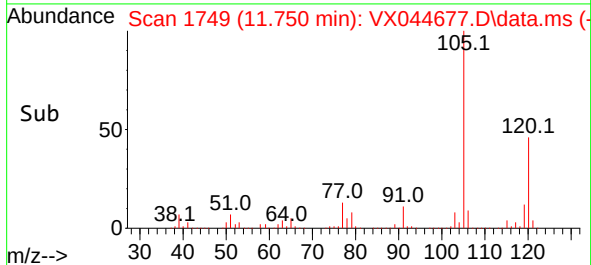
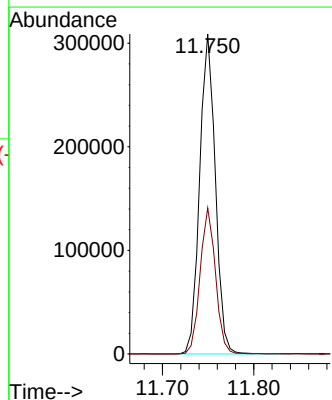
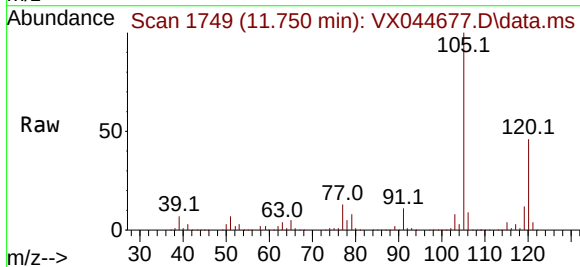
Instrument :
 MSVOA_X
 ClientSampleId :

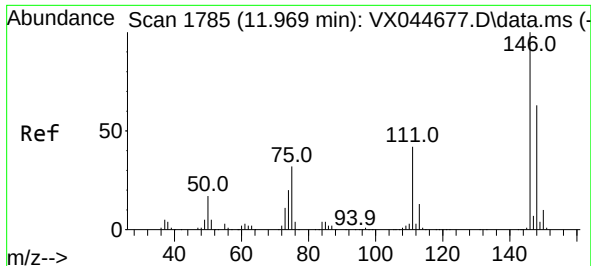
Tgt Ion:105 Resp: 375651
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 57.798 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044677.D
 Acq: 21 Jan 2025 11:38

Tgt Ion:105 Resp: 367292
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.7 53.5

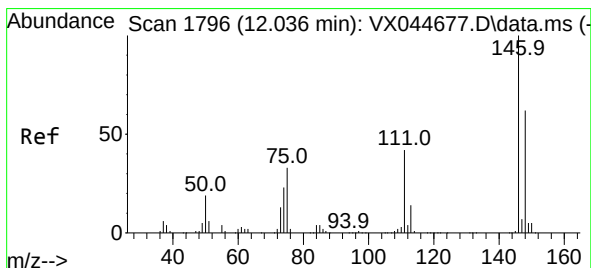
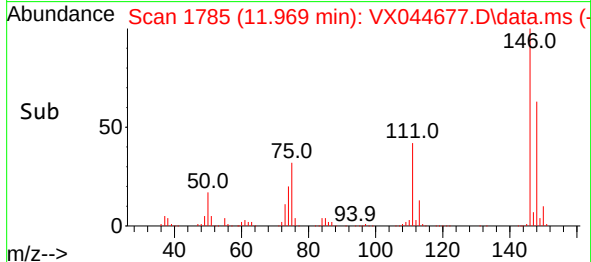
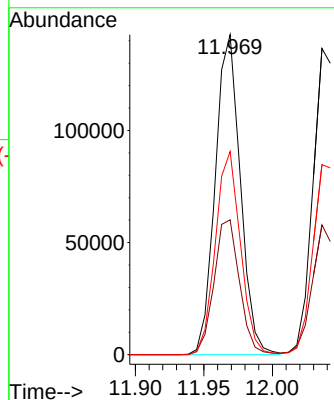
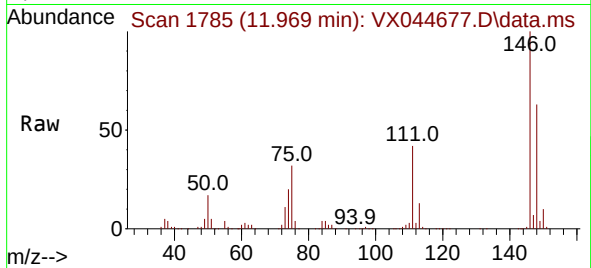




#64
1,3-Dichlorobenzene
Concen: 57.525 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

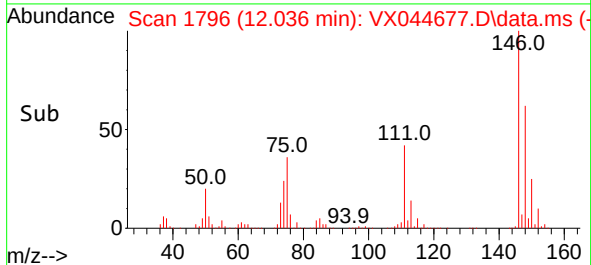
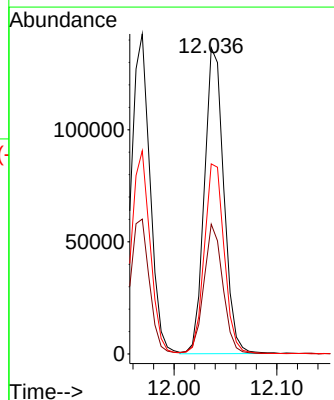
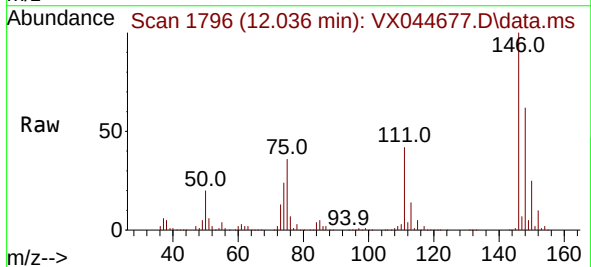
Instrument :
MSVOA_X
ClientSampleId :

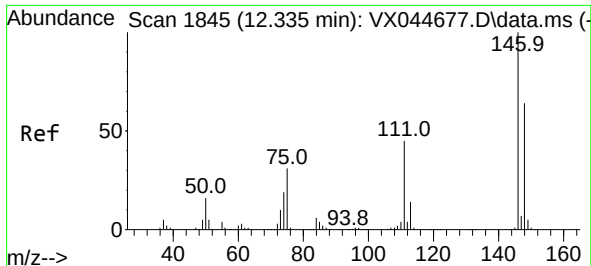
Tgt Ion:146 Resp: 181718
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 63.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 56.706 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion:146 Resp: 179710
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 62.1 43.5 80.7

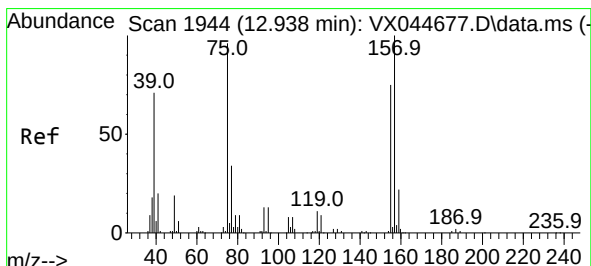
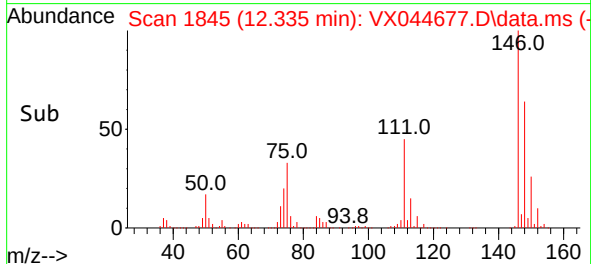
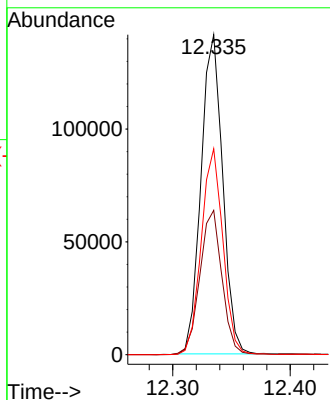
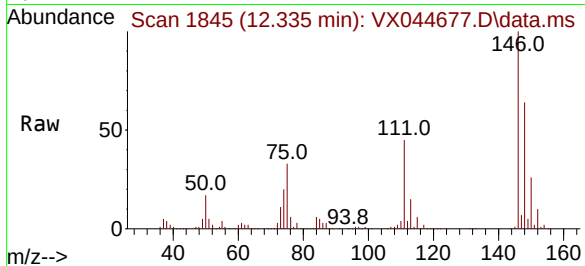




#67
1,2-Dichlorobenzene
Concen: 57.162 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

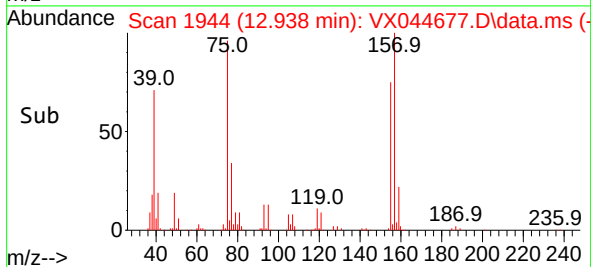
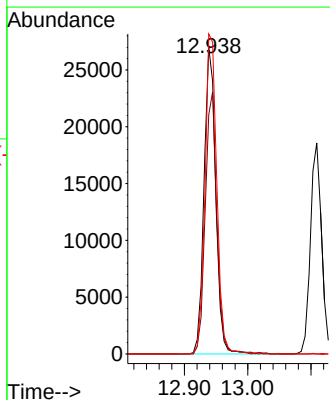
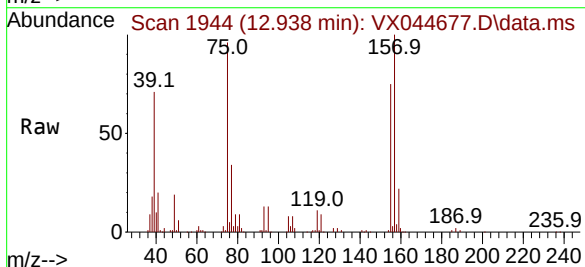
Instrument :
MSVOA_X
ClientSampleId :

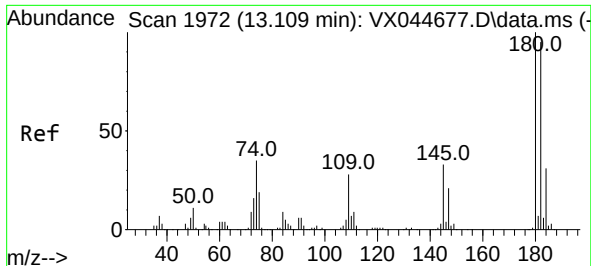
Tgt Ion:146 Resp: 181101
Ion Ratio Lower Upper
146 100
111 45.1 36.1 54.1
148 64.4 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 55.769 ug/L
RT: 12.938 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044677.D
Acq: 21 Jan 2025 11:38

Tgt Ion: 75 Resp: 34839
Ion Ratio Lower Upper
75 100
155 78.1 62.5 93.7
157 104.4 83.5 125.3





#69

1,3,5-Trichlorobenzene

Concen: 56.775 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

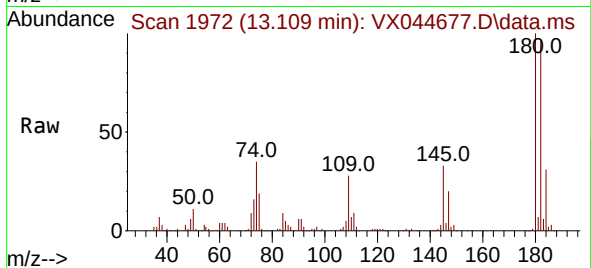
Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 116832

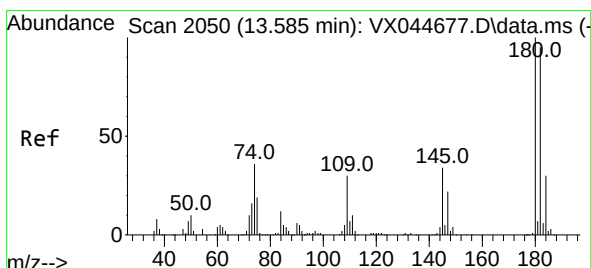
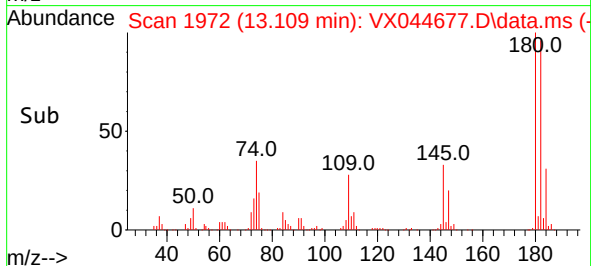
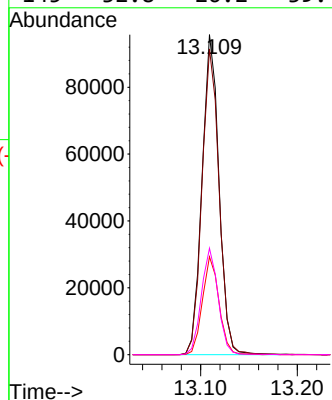
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.0 24.0 36.0

145 32.8 26.2 39.4



#70

1,2,4-trichlorobenzene

Concen: 57.741 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

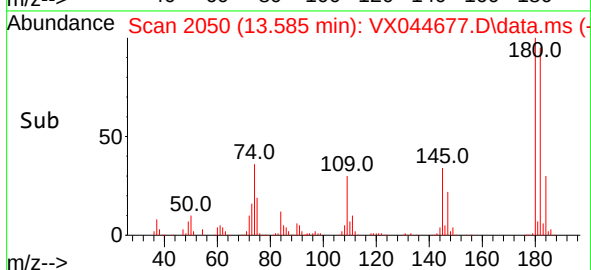
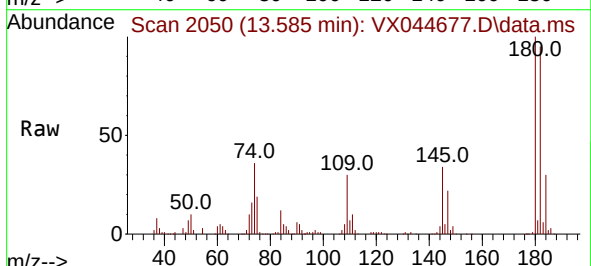
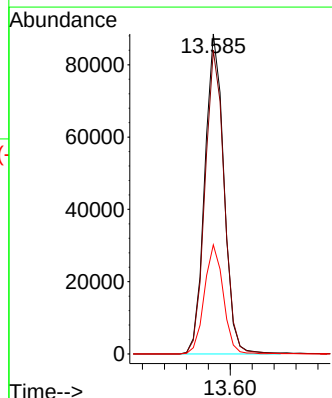
Tgt Ion:180 Resp: 107007

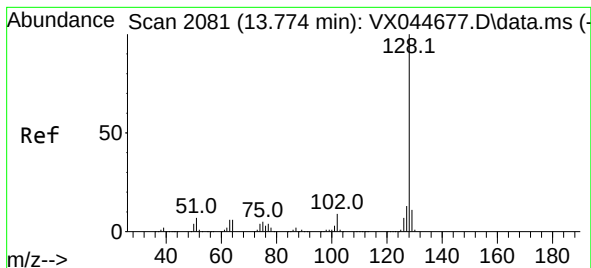
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 33.7 27.0 40.4





#71

Naphthalene

Concen: 59.191 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Instrument :

MSVOA_X

ClientSampleId :

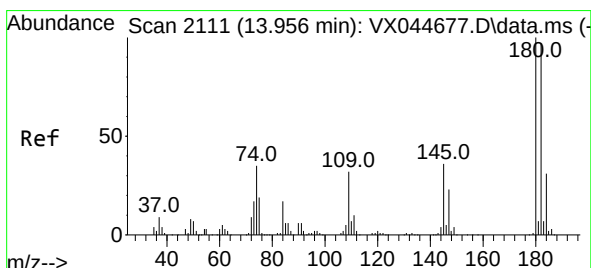
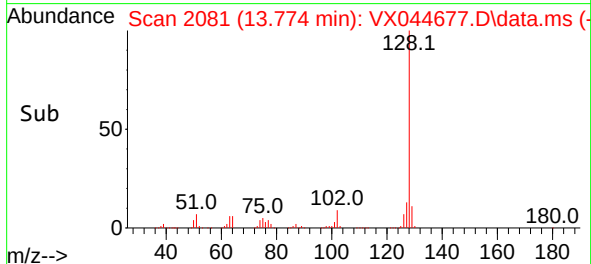
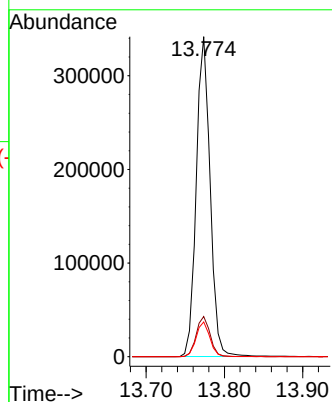
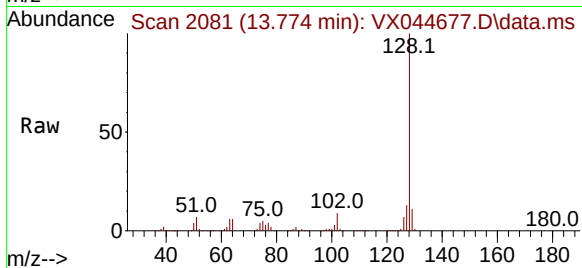
Tgt Ion:128 Resp: 420237

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 57.583 ug/L

RT: 13.956 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX044677.D

Acq: 21 Jan 2025 11:38

Tgt Ion:180 Resp: 109585

Ion Ratio Lower Upper

180 100

182 96.4 77.1 115.7

145 35.4 28.3 42.5

