

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012925\
 Data File : VX044756.D
 Acq On : 29 Jan 2025 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 30 07:48:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	316498	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	275990	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123411	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	125526	52.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.380%	
7) Chloroethane-d5	1.642	69	49273	54.441	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.880%	
11) 1,1-Dichloroethene-d2	2.294	65	53227	52.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 104.540%	
21) 2-Butanone-d5	4.446	46	127863	125.542	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	= 125.540%	
24) Chloroform-d	5.044	84	214154	51.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.300%	
26) 1,2-Dichloroethane-d4	5.946	65	124900	49.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 99.400%	
32) Benzene-d6	5.958	84	438222	50.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.560%	
36) 1,2-Dichloropropane-d6	7.299	67	136608	50.013	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 100.020%	
41) Toluene-d8	8.641	98	386363	50.586	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.180%	
43) trans-1,3-Dichloroprop...	8.945	79	65329	50.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.840%	
47) 2-Hexanone-d5	9.384	63	82503	102.059	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 102.060%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	172668	50.871	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.740%	
66) 1,2-Dichlorobenzene-d4	12.317	152	125670	52.043	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	133066	58.787	ug/L	100
3) Chloromethane	1.300	50	152398	54.606	ug/L	100
5) Vinyl chloride	1.374	62	144377	56.331	ug/L	99
6) Bromomethane	1.593	94	38251	55.140	ug/L	99
8) Chloroethane	1.666	64	64171	62.706	ug/L	98
9) Trichlorofluoromethane	1.873	101	170698	59.734	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	119877	57.025	ug/L	98
12) 1,1-Dichloroethene	2.312	96	110082	56.117	ug/L	98
13) Acetone	2.379	43	128198	126.226	ug/L	98
14) Carbon disulfide	2.501	76	323442	53.844	ug/L	99
15) Methyl Acetate	2.696	43	125626	53.453	ug/L	97
16) Methylene chloride	2.782	84	126031	56.173	ug/L	99
17) trans-1,2-Dichloroethene	3.081	96	111744	54.456	ug/L	100
18) Methyl tert-butyl Ether	3.105	73	380009	53.713	ug/L	98
19) 1,1-Dichloroethane	3.599	63	217632	54.241	ug/L	98
20) cis-1,2-Dichloroethene	4.471	96	133434	54.323	ug/L	97
22) 2-Butanone	4.550	43	181364	108.295	ug/L	100
23) Bromochloromethane	4.885	128	63713	52.594	ug/L	95
25) Chloroform	5.080	83	214021	52.574	ug/L	100

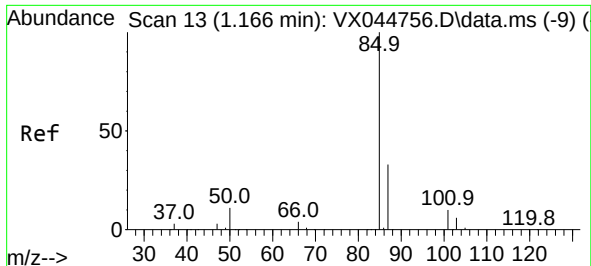
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012925\
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Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	157770	51.659	ug/L	99
29) Cyclohexane	5.458	56	223531	52.761	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	182191	52.177	ug/L	99
31) Carbon tetrachloride	5.665	117	155890	52.059	ug/L	100
33) Benzene	6.025	78	483619	53.171	ug/L	100
34) Trichloroethene	7.116	95	122612	52.974	ug/L	97
35) Methylcyclohexane	7.372	83	210349	53.122	ug/L	99
37) 1,2-Dichloropropane	7.421	63	126225	51.307	ug/L	100
38) Bromodichloromethane	7.811	83	162522	52.636	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	214991	53.827	ug/L	98
40) 4-Methyl-2-pentanone	8.567	43	336177	103.367	ug/L	99
42) Toluene	8.714	91	498898	53.463	ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	190279	53.216	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	120668	52.548	ug/L	99
46) Tetrachloroethene	9.268	164	87498	53.234	ug/L	99
48) 2-Hexanone	9.427	43	252152	108.201	ug/L	99
49) Dibromochloromethane	9.512	129	122160	52.748	ug/L	96
50) 1,2-Dibromoethane	9.604	107	124150	51.583	ug/L	100
51) Chlorobenzene	10.073	112	313397	53.797	ug/L	99
52) Ethylbenzene	10.189	91	550457	53.965	ug/L	99
53) m,p-Xylene	10.299	106	208563	54.464	ug/L	94
54) o-Xylene	10.634	106	205859	54.538	ug/L	97
55) Styrene	10.652	104	344348	55.275	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.207	83	186515	52.349	ug/L	99
59) Bromoform	10.793	173	86417	52.935	ug/L	99
60) Isopropylbenzene	10.957	105	530199	53.494	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	136039	49.929	ug/L	100
62) 1,3,5-Trimethylbenzene	11.445	105	441896	54.348	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	438012	54.389	ug/L	99
64) 1,3-Dichlorobenzene	11.963	146	221681	54.408	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	219562	54.137	ug/L	97
67) 1,2-Dichlorobenzene	12.329	146	216036	53.480	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	36242	48.817	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	147518	55.253	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	132035	54.855	ug/L	99
71) Naphthalene	13.774	128	485949	52.057	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	130385	53.421	ug/L	99

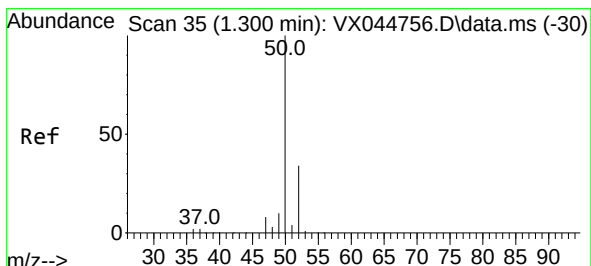
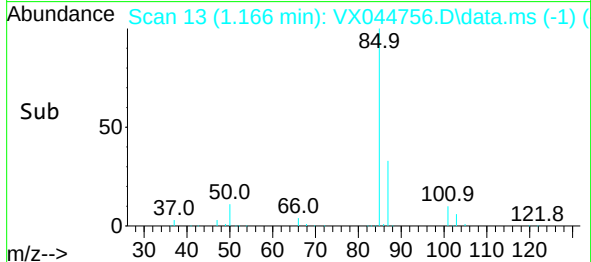
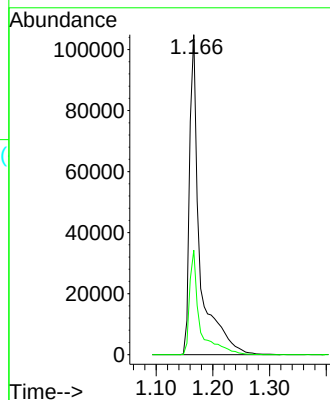
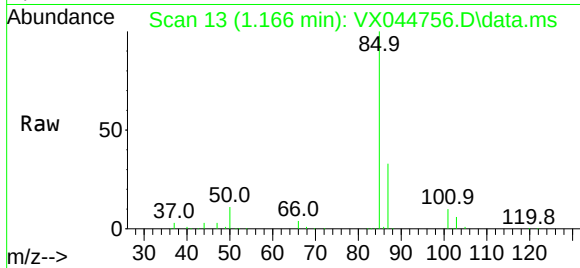
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#2
Dichlorodifluoromethane
Concen: 58.787 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

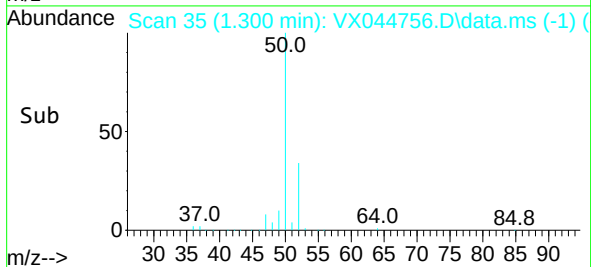
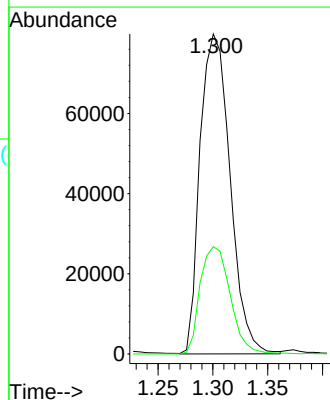
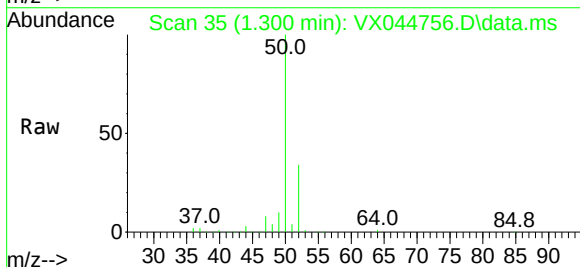
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MSVOA_X
ClientSampleId :

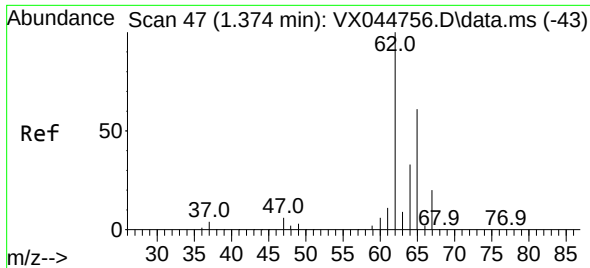
Tgt Ion: 85 Resp: 133066
Ion Ratio Lower Upper
85 100
87 32.3 25.9 38.9



#3
Chloromethane
Concen: 54.606 ug/L
RT: 1.300 min Scan# 35
Delta R.T. -0.007 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 50 Resp: 152398
Ion Ratio Lower Upper
50 100
52 33.6 23.3 43.3

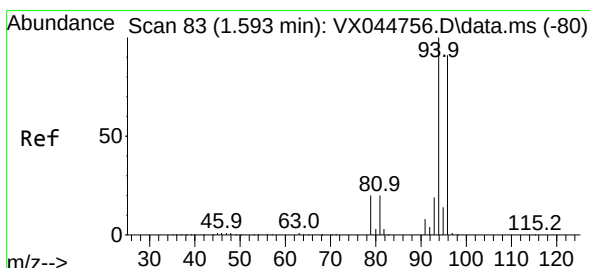
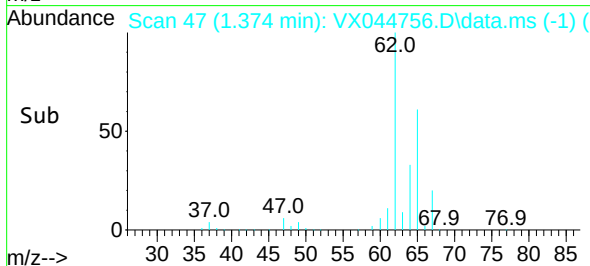
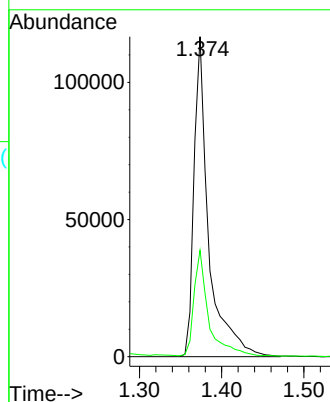
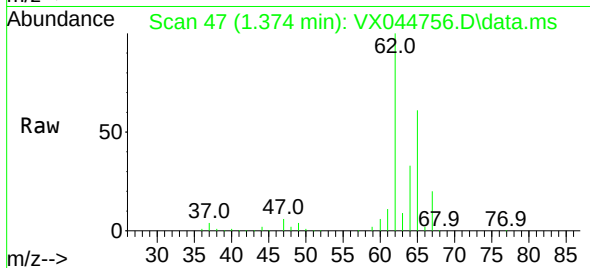




#5
Vinyl chloride
Concen: 56.331 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

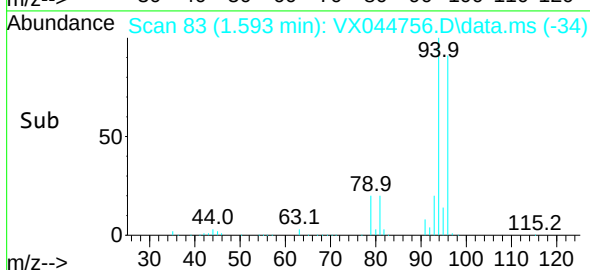
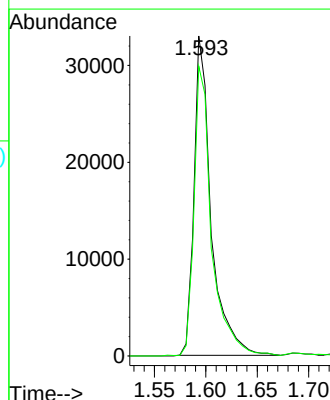
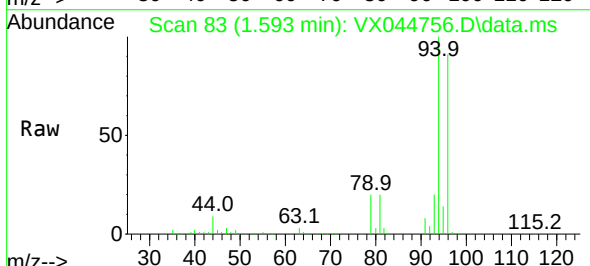
Instrument :
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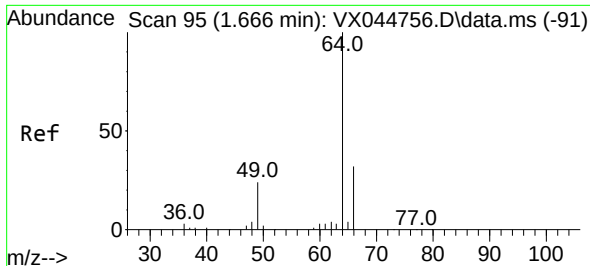
Tgt Ion: 62 Resp: 144377
Ion Ratio Lower Upper
62 100
64 33.2 23.7 44.1



#6
Bromomethane
Concen: 55.140 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 94 Resp: 38251
Ion Ratio Lower Upper
94 100
96 90.6 64.3 119.3

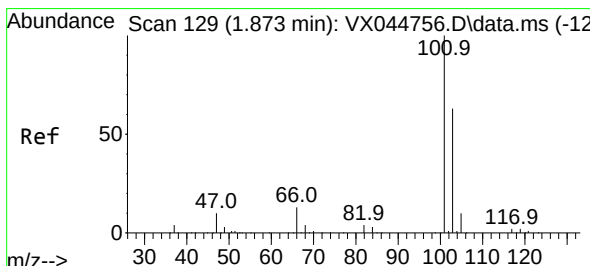
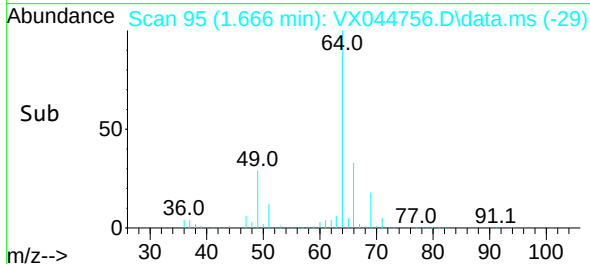
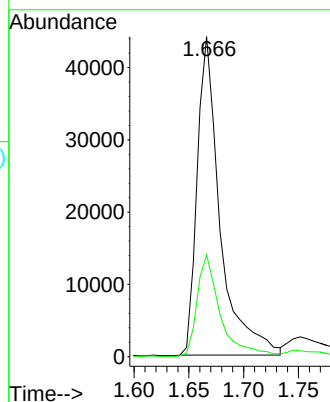
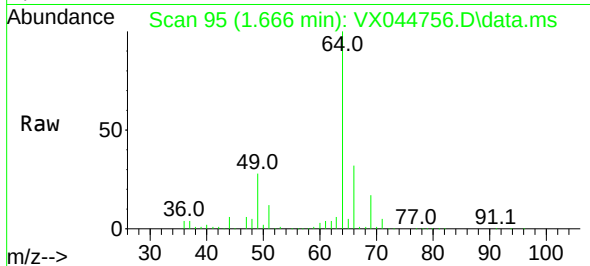




#8
Chloroethane
Concen: 62.706 ug/L
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

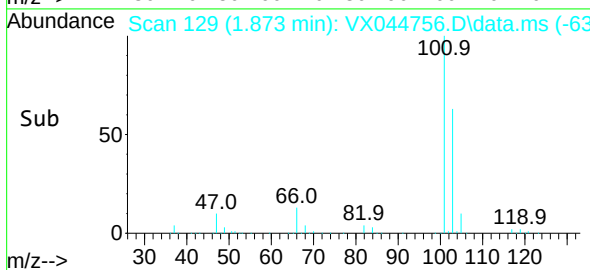
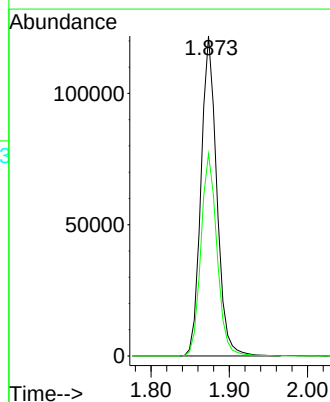
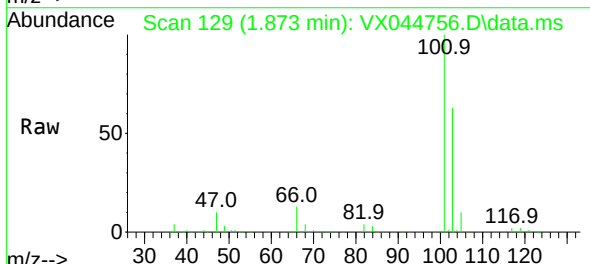
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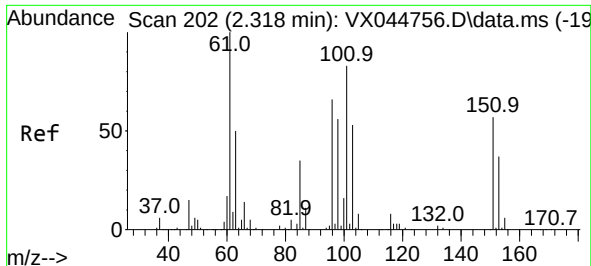
Tgt Ion: 64 Resp: 64171
Ion Ratio Lower Upper
64 100
66 31.9 21.4 39.8



#9
Trichlorofluoromethane
Concen: 59.734 ug/L
RT: 1.873 min Scan# 129
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:101 Resp: 170698
Ion Ratio Lower Upper
101 100
103 64.2 52.2 78.2

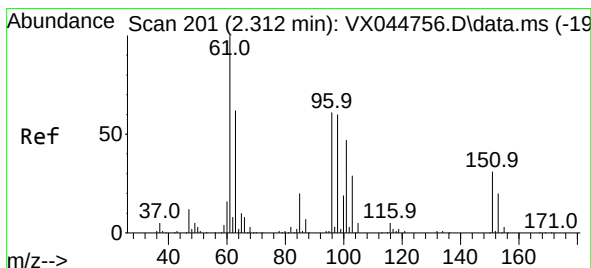
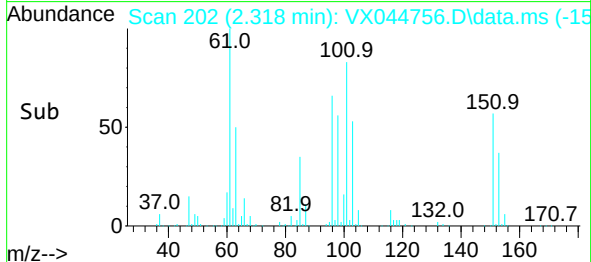
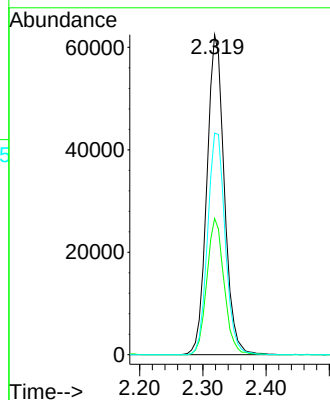
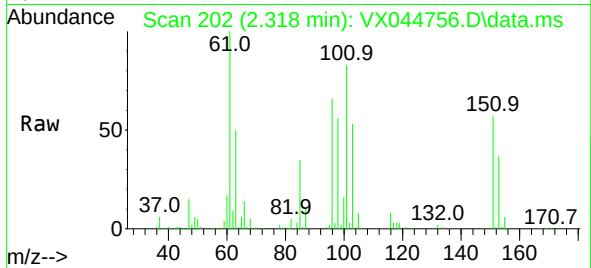




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 57.025 ug/L
RT: 2.318 min Scan# 20
Delta R.T. -0.001 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

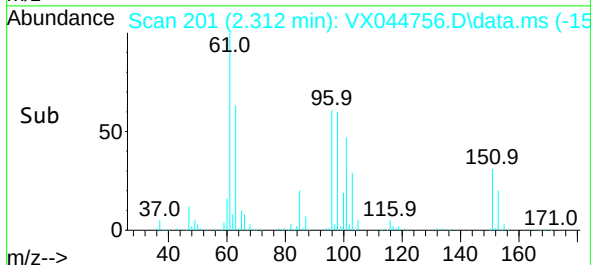
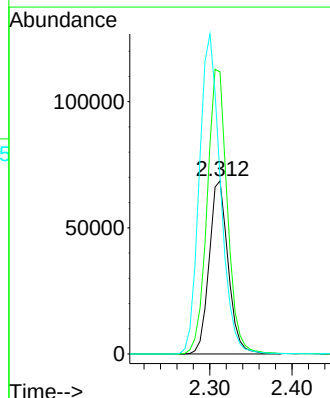
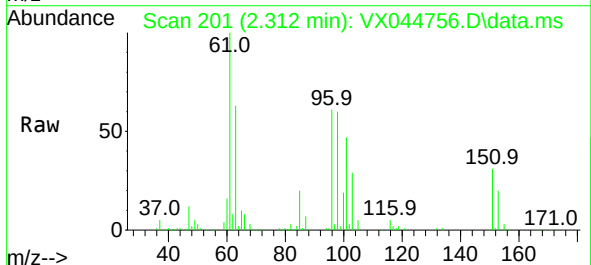
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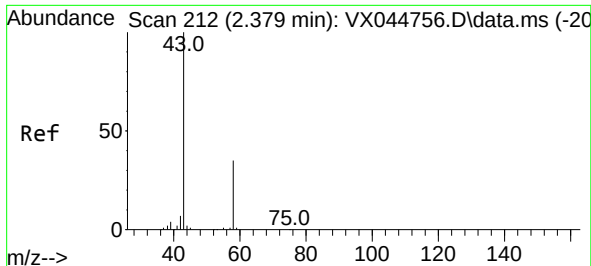
Tgt Ion:101 Resp: 119877
Ion Ratio Lower Upper
101 100
85 42.1 35.4 53.0
151 69.8 57.0 85.4



#12
1,1-Dichloroethene
Concen: 56.117 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 96 Resp: 110082
Ion Ratio Lower Upper
96 100
61 163.0 115.1 213.8
63 102.0 74.1 137.5





#13

Acetone

Concen: 126.226 ug/L

RT: 2.379 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

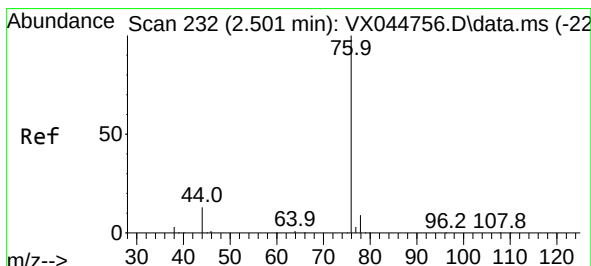
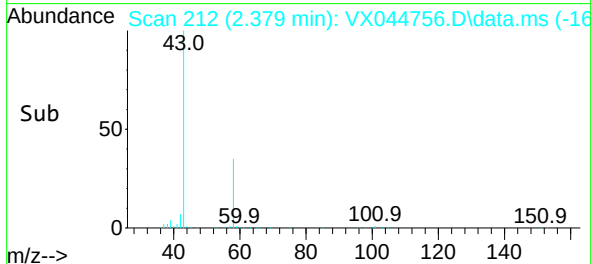
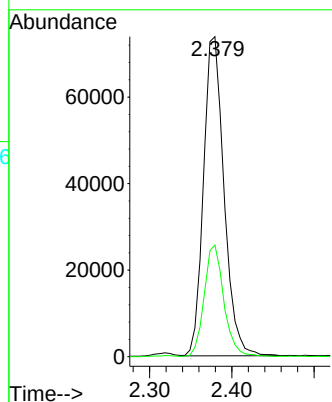
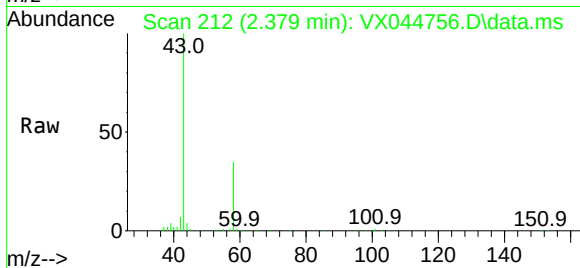
ClientSampleId :

Tgt Ion: 43 Resp: 128198

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.6



#14

Carbon disulfide

Concen: 53.844 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044756.D

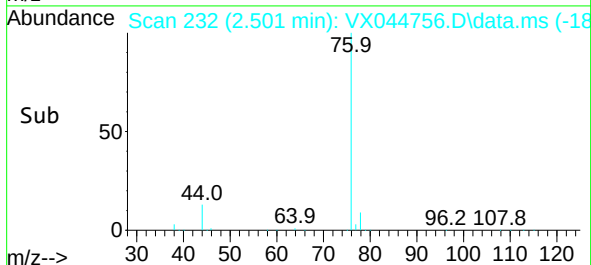
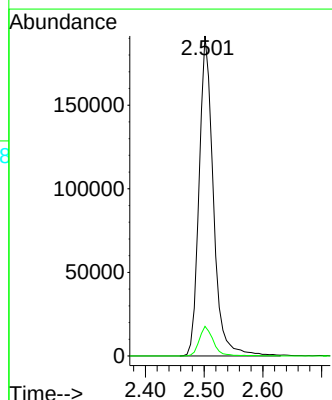
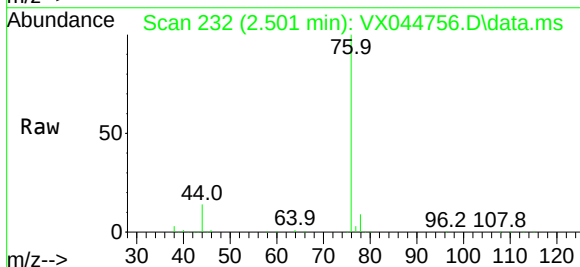
Acq: 29 Jan 2025 09:36

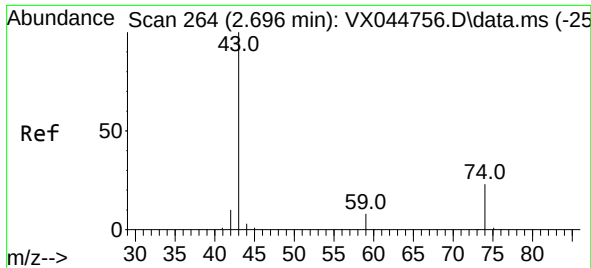
Tgt Ion: 76 Resp: 323442

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8

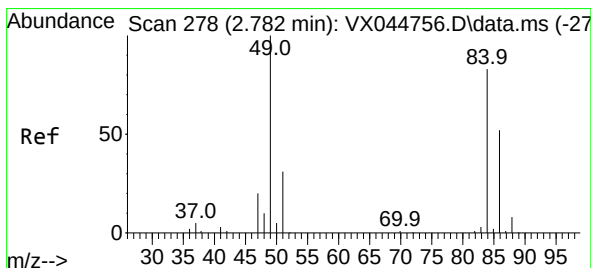
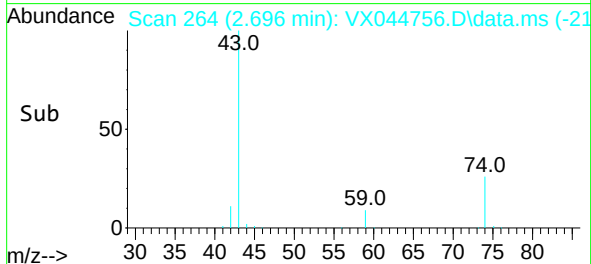
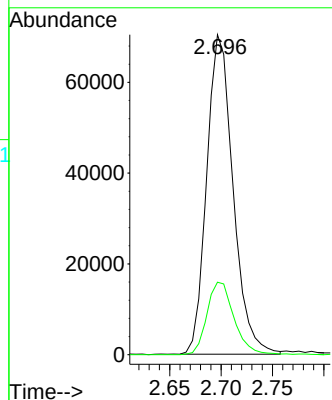
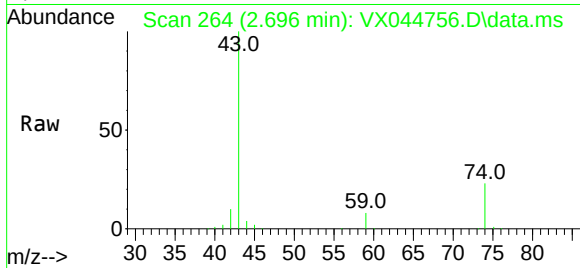




#15
Methyl Acetate
Concen: 53.453 ug/L
RT: 2.696 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

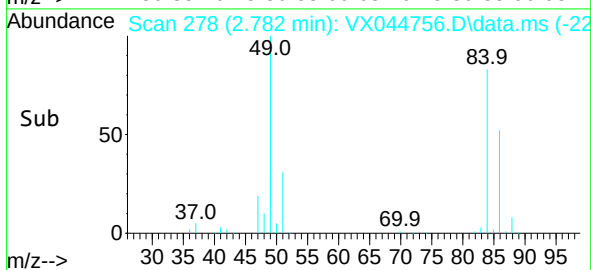
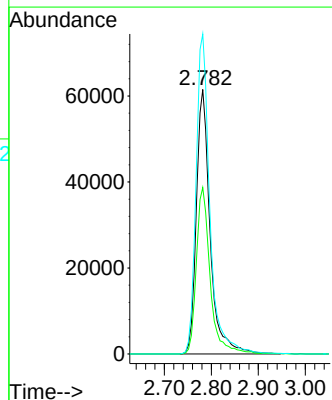
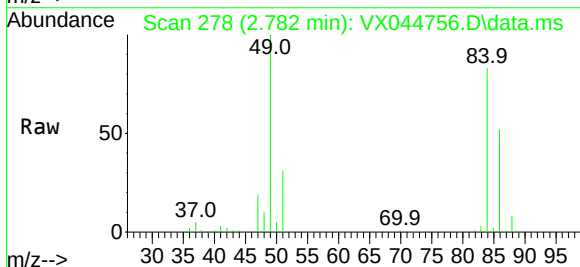
Instrument :
MSVOA_X
ClientSampleId :

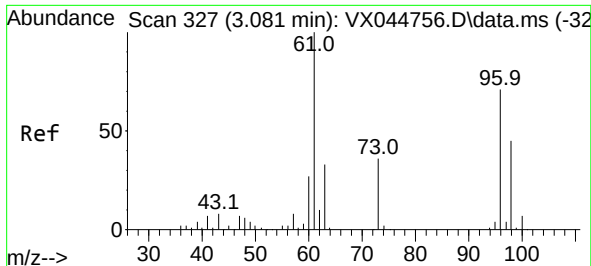
Tgt Ion: 43 Resp: 125626
Ion Ratio Lower Upper
43 100
74 23.3 19.7 29.5



#16
Methylene chloride
Concen: 56.173 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

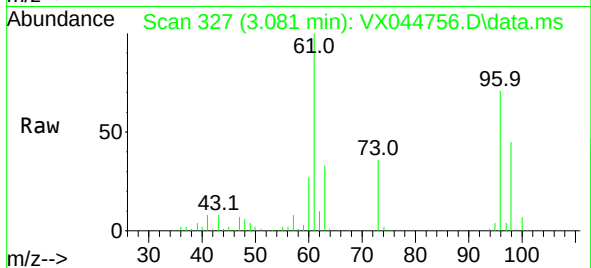
Tgt Ion: 84 Resp: 126031
Ion Ratio Lower Upper
84 100
86 62.9 45.6 84.8
49 121.0 84.6 157.0



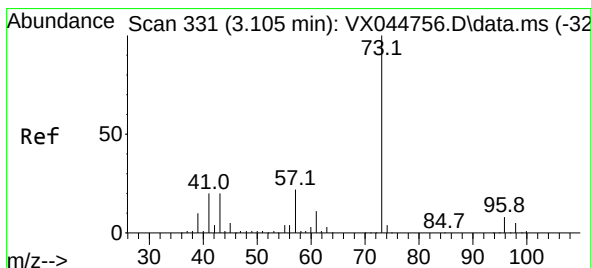
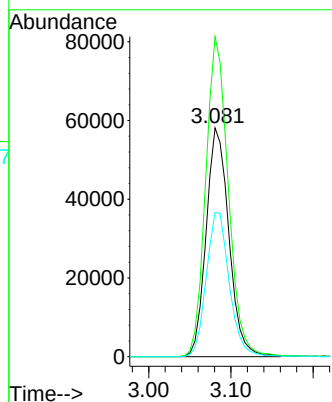
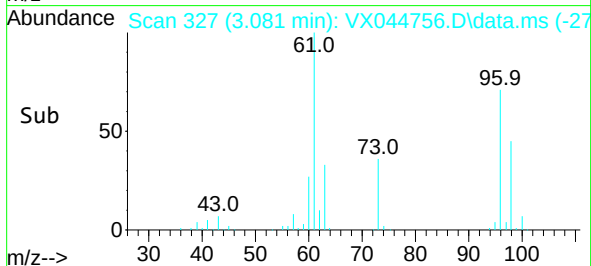


#17
trans-1,2-Dichloroethene
Concen: 54.456 ug/L
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Instrument :
MSVOA_X
ClientSampleId :

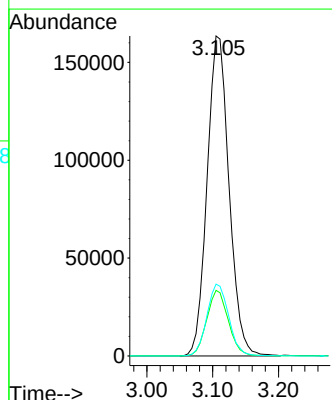
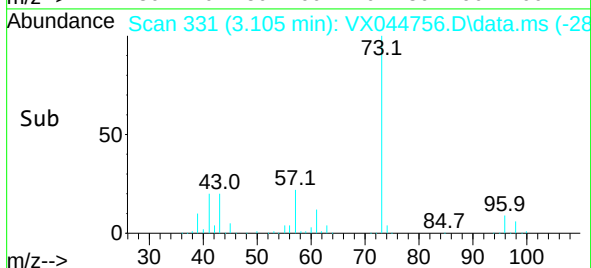
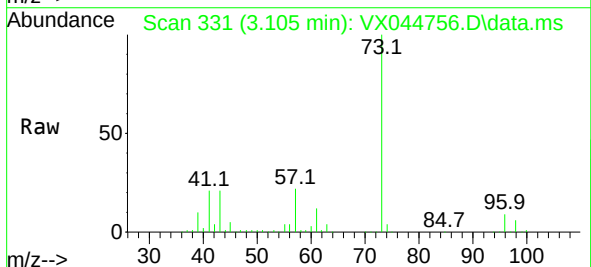


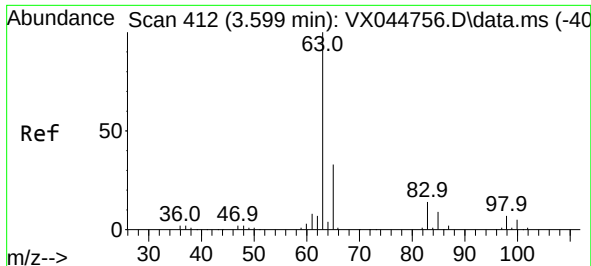
Tgt Ion: 96 Resp: 111744
Ion Ratio Lower Upper
96 100
61 139.9 98.3 182.7
98 63.1 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 53.713 ug/L
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 73 Resp: 380009
Ion Ratio Lower Upper
73 100
43 20.2 16.9 25.3
57 22.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 54.241 ug/L

RT: 3.599 min Scan# 412

Delta R.T. -0.006 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

ClientSampleId :

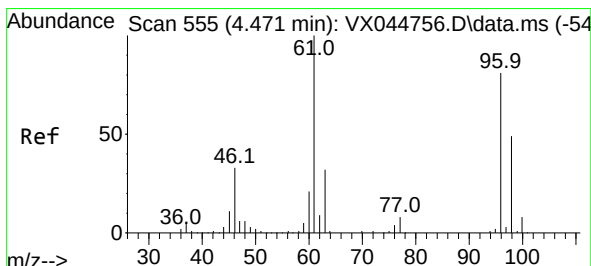
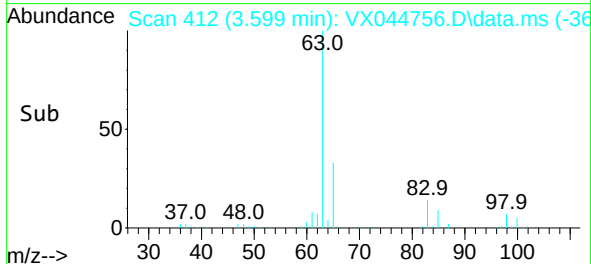
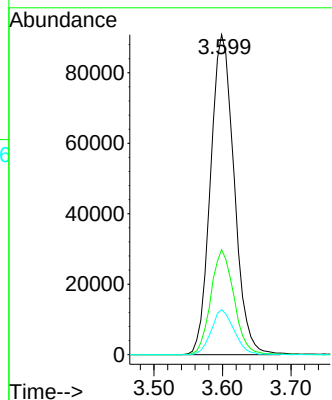
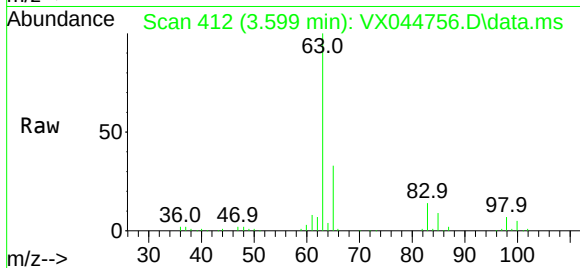
Tgt Ion: 63 Resp: 217632

Ion Ratio Lower Upper

63 100

65 32.8 21.8 40.6

83 14.1 9.4 17.4



#20

cis-1,2-Dichloroethene

Concen: 54.323 ug/L

RT: 4.471 min Scan# 555

Delta R.T. -0.012 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

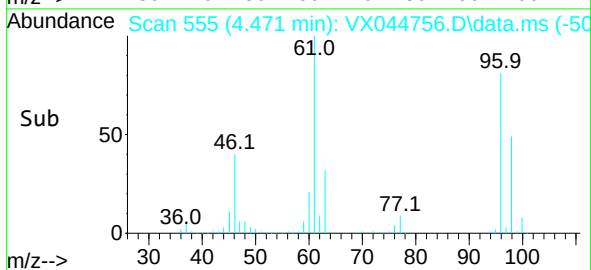
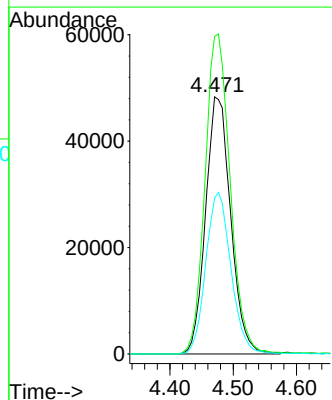
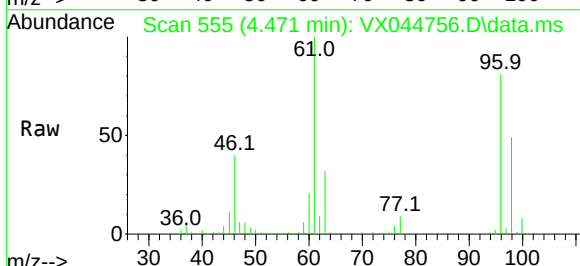
Tgt Ion: 96 Resp: 133434

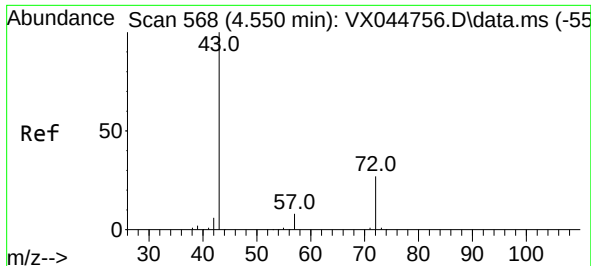
Ion Ratio Lower Upper

96 100

61 123.5 88.3 163.9

98 60.6 44.6 82.8

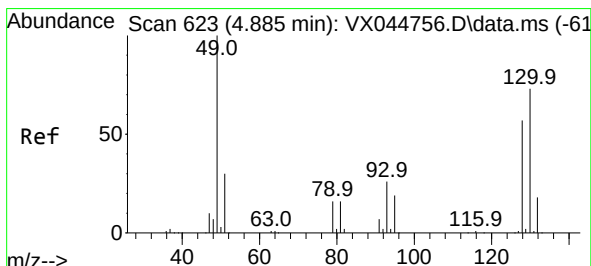
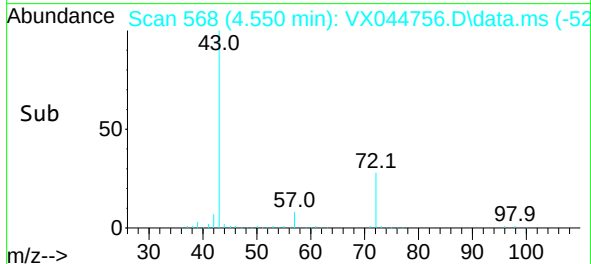
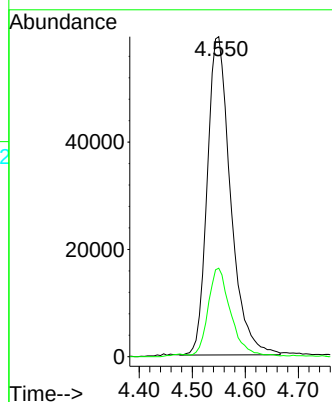
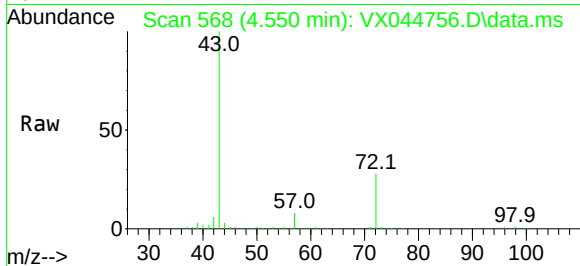




#22
2-Butanone
Concen: 108.295 ug/L
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

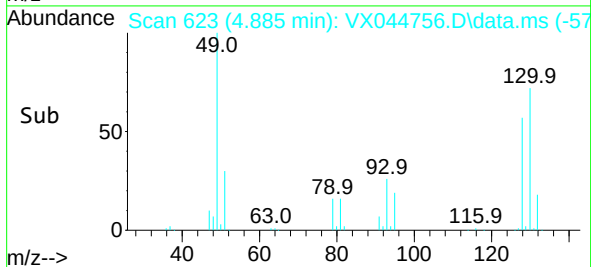
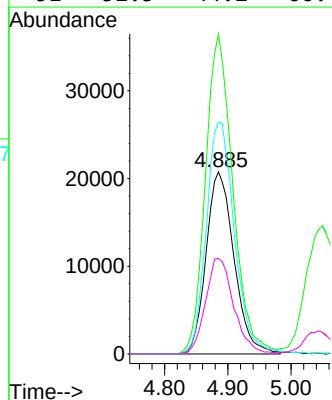
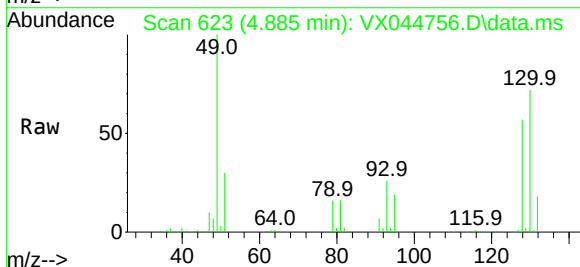
Instrument :
MSVOA_X
ClientSampleId :

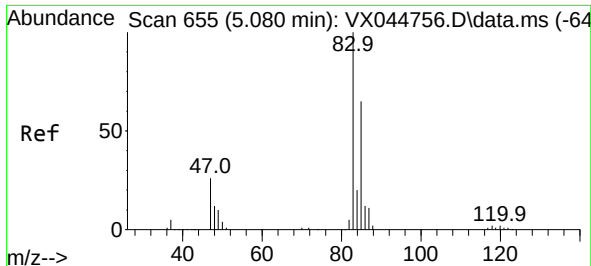
Tgt Ion: 43 Resp: 181364
Ion Ratio Lower Upper
43 100
72 26.9 13.4 40.2



#23
Bromochloromethane
Concen: 52.594 ug/L
RT: 4.885 min Scan# 623
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:128 Resp: 63713
Ion Ratio Lower Upper
128 100
49 175.7 117.6 218.4
130 127.2 92.0 170.9
51 52.5 44.2 66.4

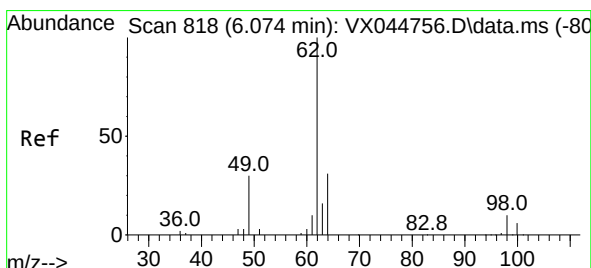
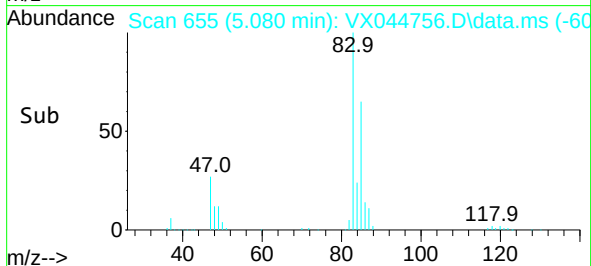
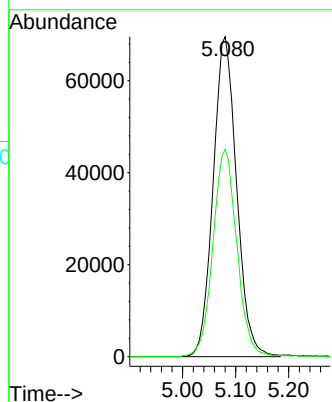
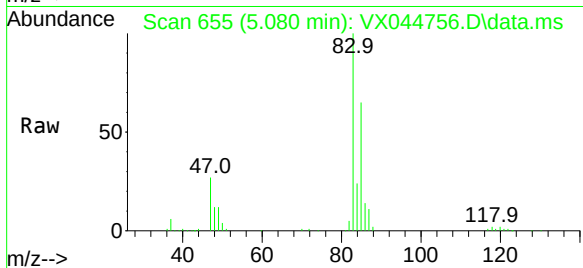




#25
Chloroform
Concen: 52.574 ug/L
RT: 5.080 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

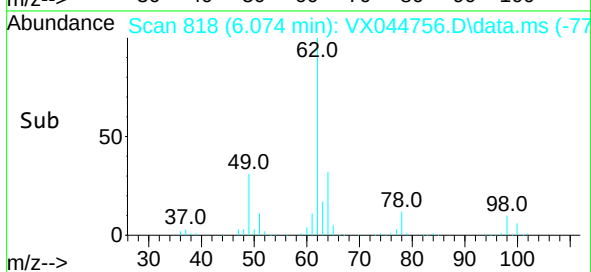
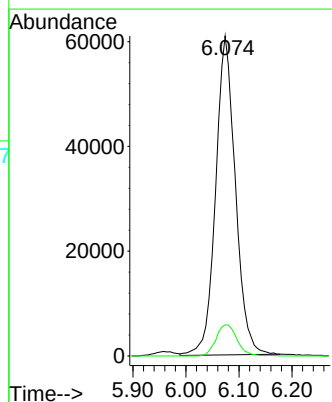
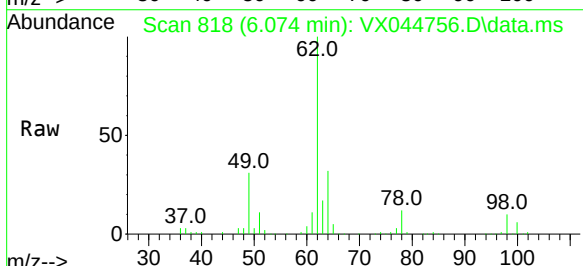
Instrument :
MSVOA_X
ClientSampleId :

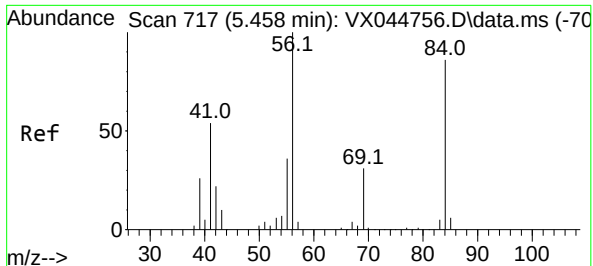
Tgt Ion: 83 Resp: 214021
Ion Ratio Lower Upper
83 100
85 64.8 45.4 84.2



#27
1,2-Dichloroethane
Concen: 51.659 ug/L
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

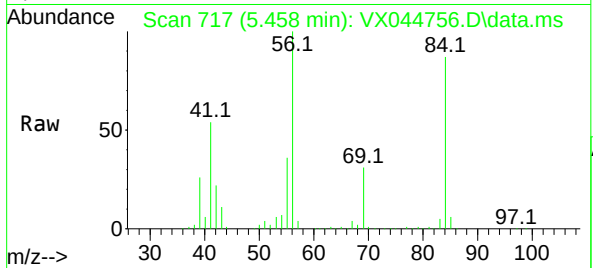
Tgt Ion: 62 Resp: 157770
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.2



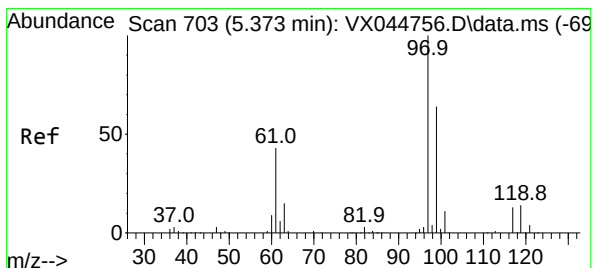
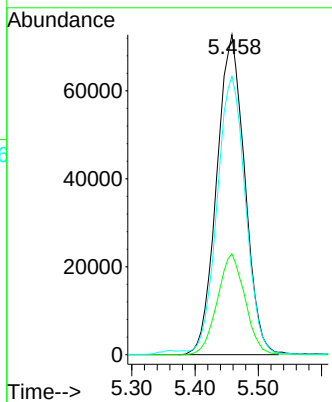
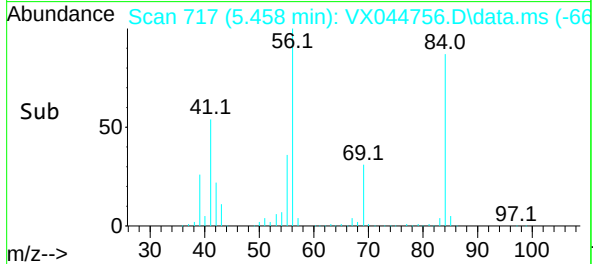


#29
Cyclohexane
Concen: 52.761 ug/L
RT: 5.458 min Scan# 717
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

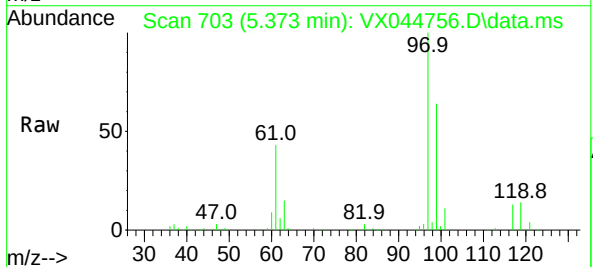
Instrument :
MSVOA_X
ClientSampleId :



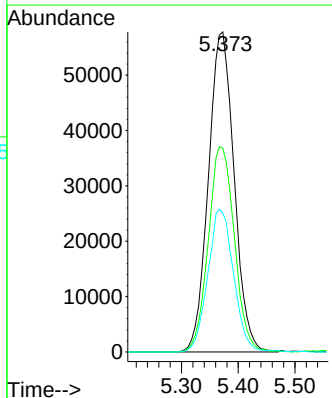
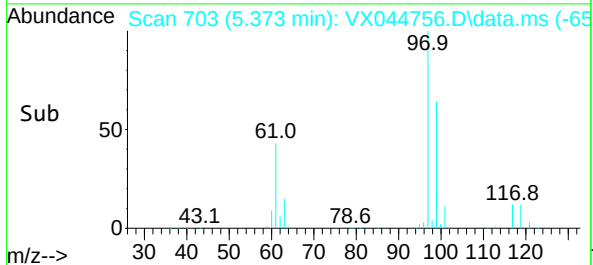
Tgt Ion: 56 Resp: 223531
Ion Ratio Lower Upper
56 100
69 31.0 25.4 38.2
84 87.4 71.6 107.4

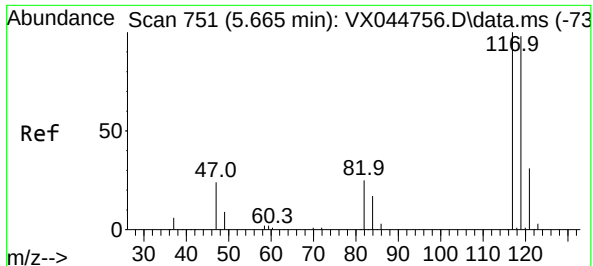


#30
1,1,1-Trichloroethane
Concen: 52.177 ug/L
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36



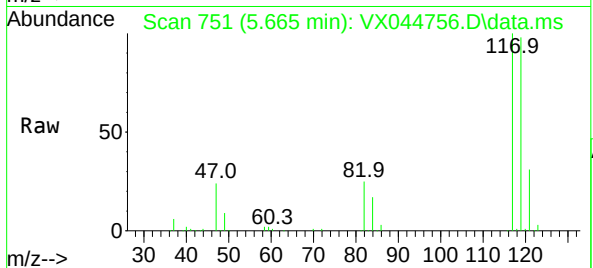
Tgt Ion: 97 Resp: 182191
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 44.5 35.8 53.6



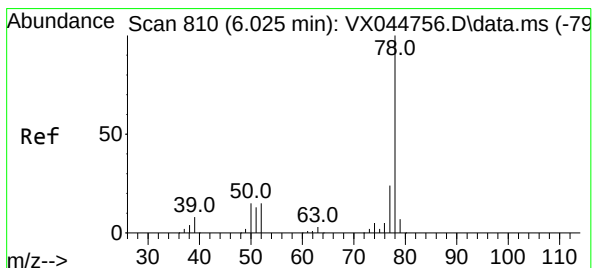
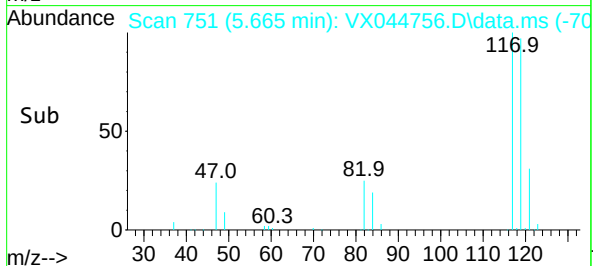
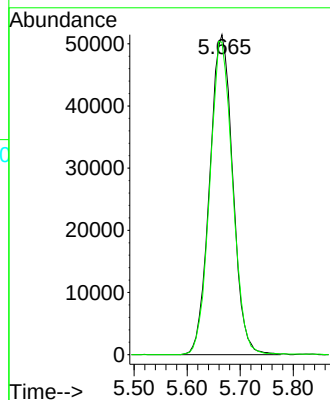


#31
Carbon tetrachloride
Concen: 52.059 ug/L
RT: 5.665 min Scan# 751
Delta R.T. -0.007 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Instrument :
MSVOA_X
ClientSampleId :

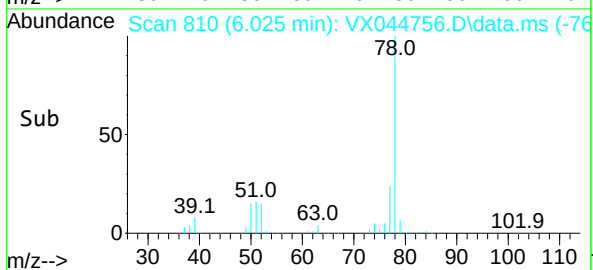
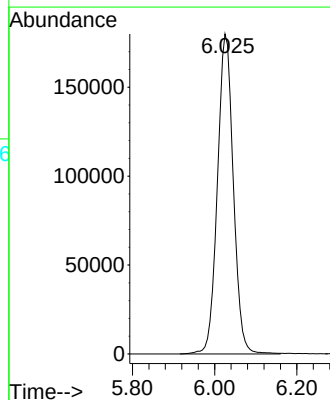
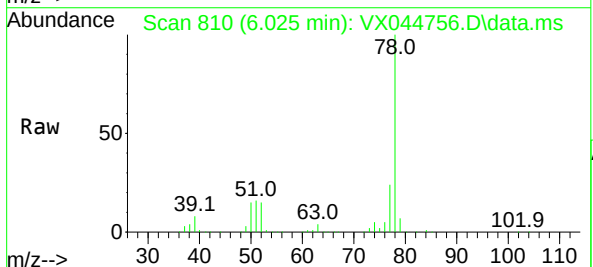


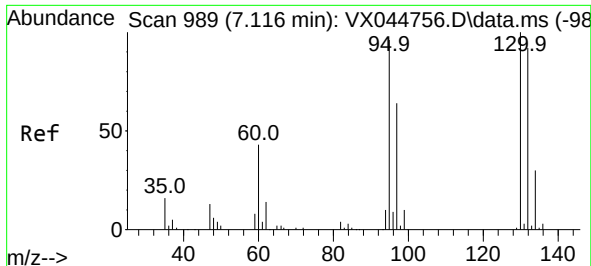
Tgt Ion:117 Resp: 155890
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7



#33
Benzene
Concen: 53.171 ug/L
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

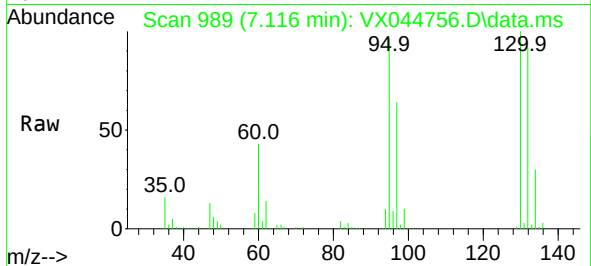
Tgt Ion: 78 Resp: 483619



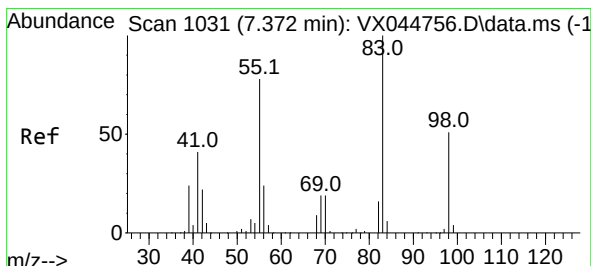
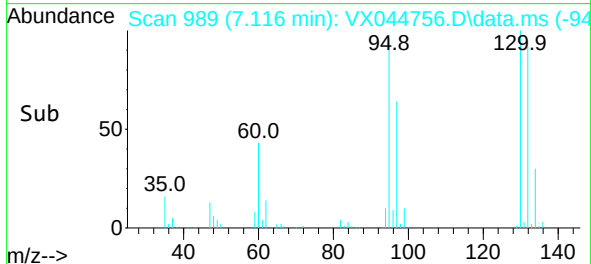
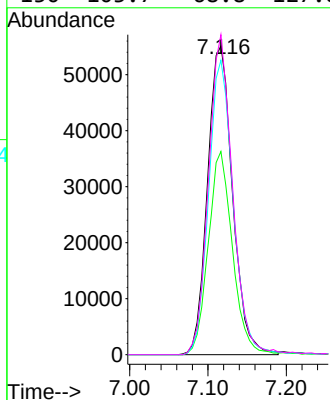


#34
Trichloroethene
Concen: 52.974 ug/L
RT: 7.116 min Scan# 989
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Instrument :
MSVOA_X
ClientSampleId :

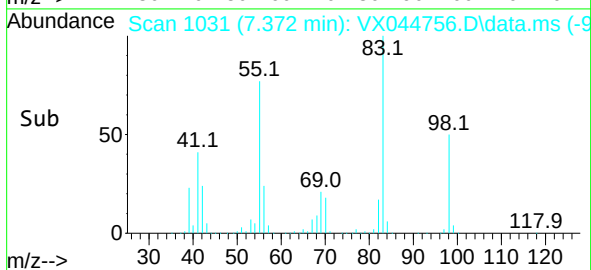
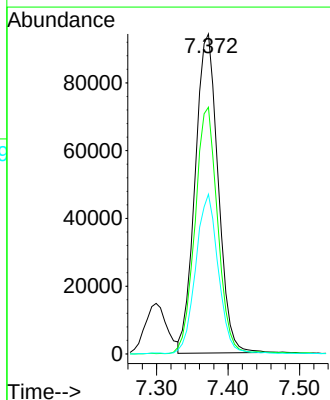
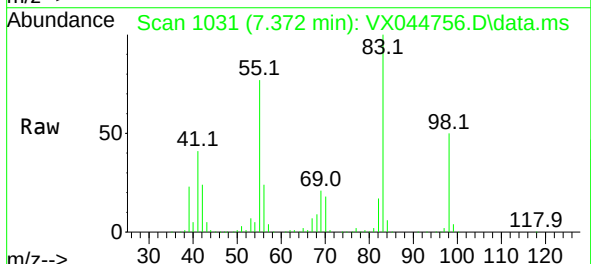


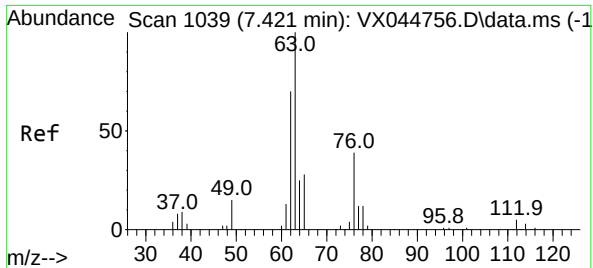
Tgt Ion: 95 Resp: 122612
Ion Ratio Lower Upper
95 100
97 65.9 46.1 85.5
132 95.4 64.5 119.9
130 103.7 68.8 127.8



#35
Methylcyclohexane
Concen: 53.122 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 83 Resp: 210349
Ion Ratio Lower Upper
83 100
55 75.7 60.6 90.8
98 49.6 38.9 58.3

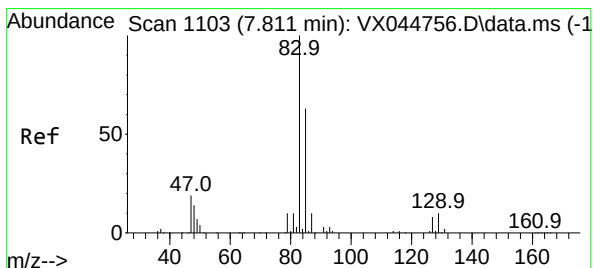
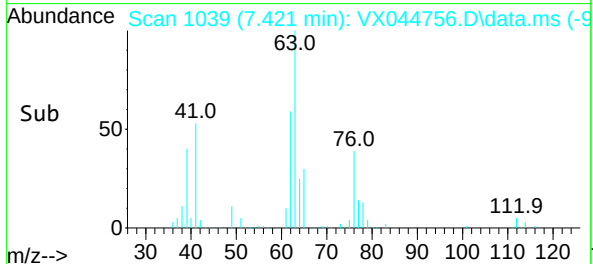
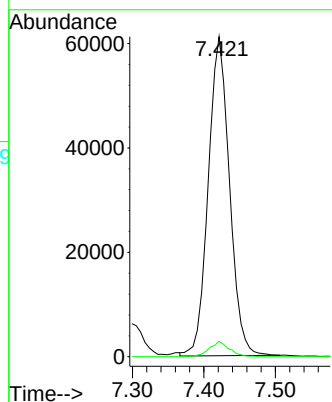
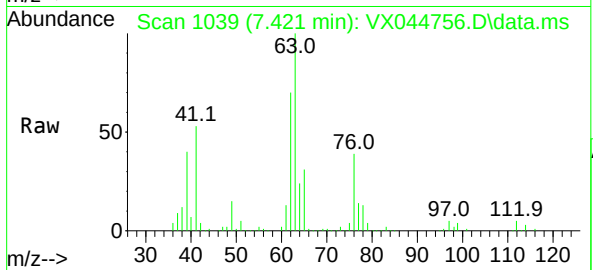




#37
1,2-Dichloropropane
Concen: 51.307 ug/L
RT: 7.421 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

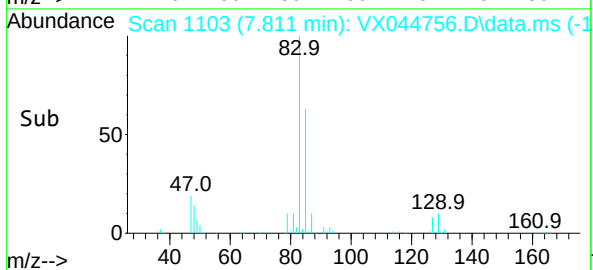
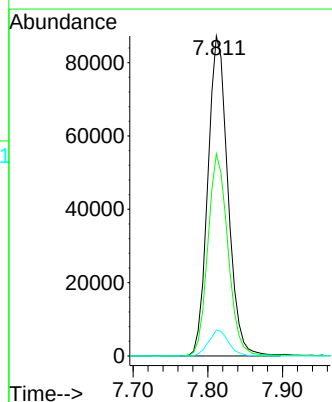
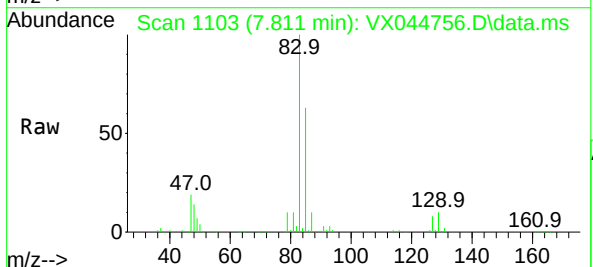
Instrument :
MSVOA_X
ClientSampleId :

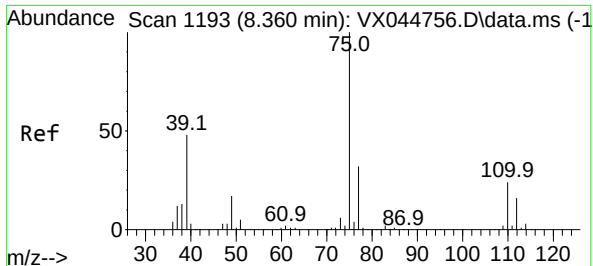
Tgt Ion: 63 Resp: 126225
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 52.636 ug/L
RT: 7.811 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 83 Resp: 162522
Ion Ratio Lower Upper
83 100
85 63.1 43.8 81.3
127 8.1 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 53.827 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

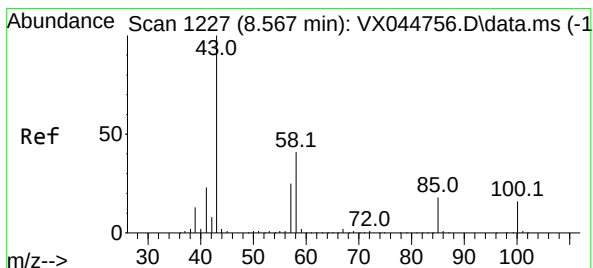
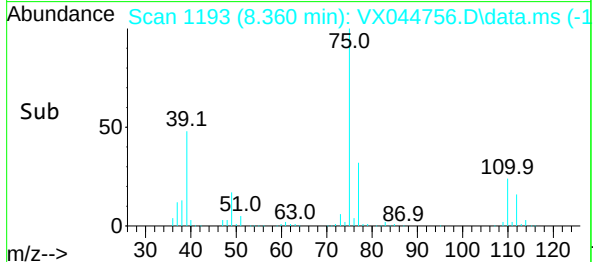
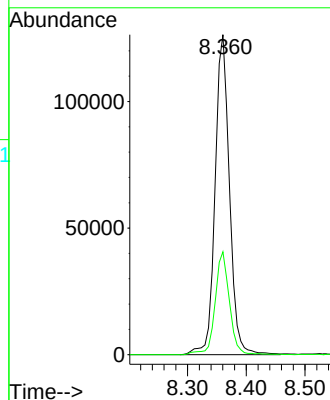
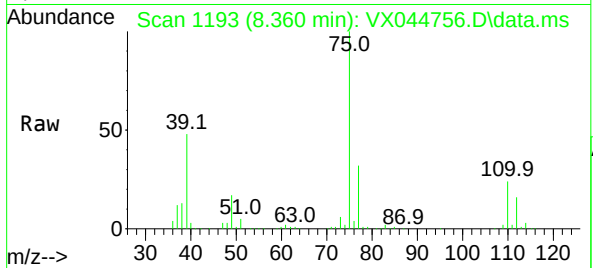
ClientSampleId :

Tgt Ion: 75 Resp: 214991

Ion Ratio Lower Upper

75 100

77 32.1 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 103.367 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

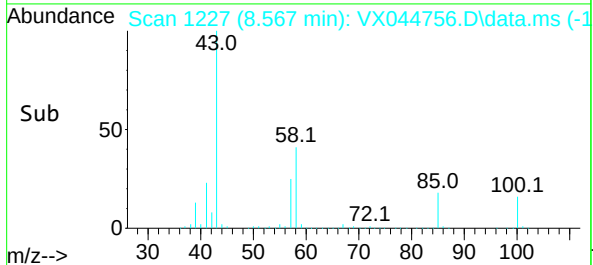
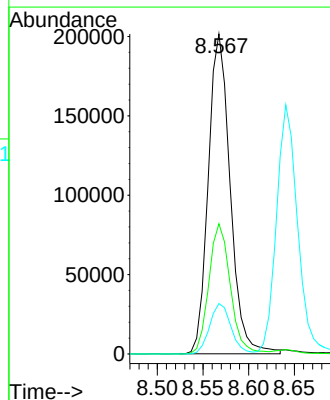
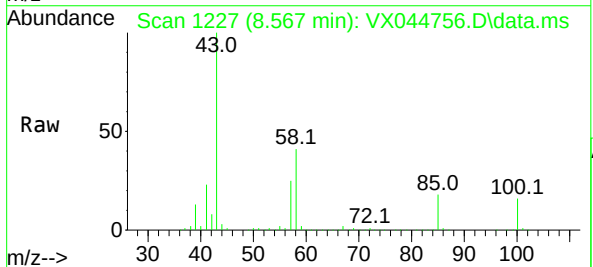
Tgt Ion: 43 Resp: 336177

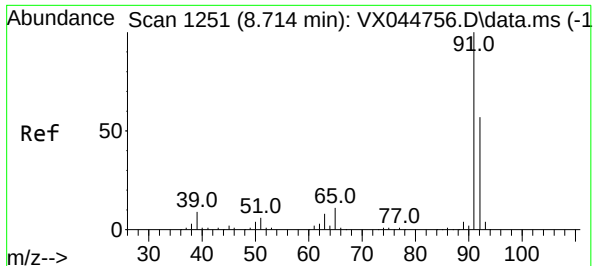
Ion Ratio Lower Upper

43 100

58 39.9 32.1 48.1

100 15.4 12.9 19.3





#42

Toluene

Concen: 53.463 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

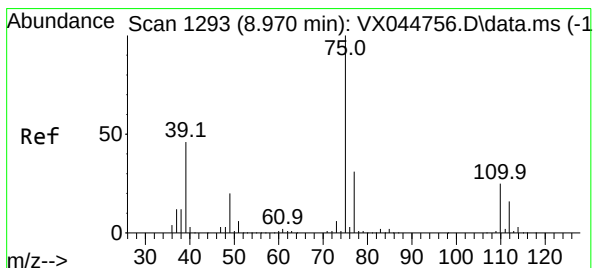
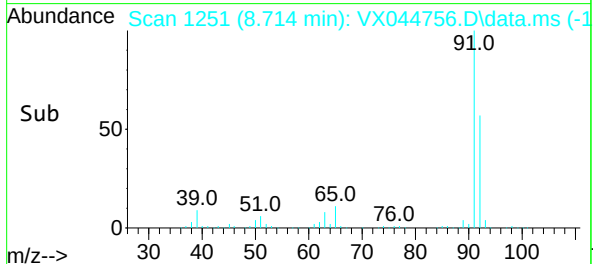
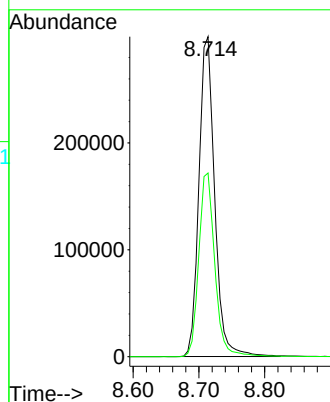
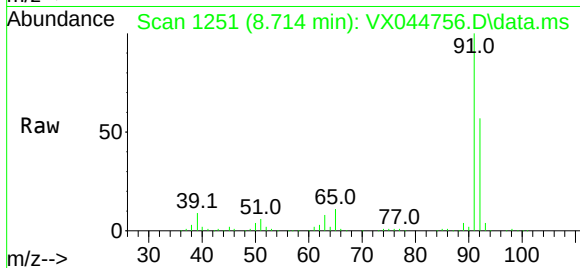
ClientSampleId :

Tgt Ion: 91 Resp: 498898

Ion Ratio Lower Upper

91 100

92 57.4 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 53.216 ug/L

RT: 8.970 min Scan# 1293

Delta R.T. -0.006 min

Lab File: VX044756.D

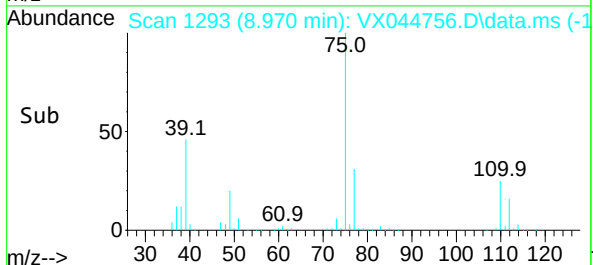
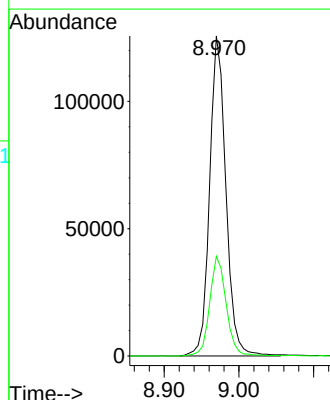
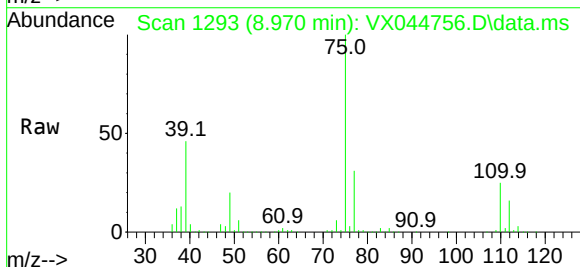
Acq: 29 Jan 2025 09:36

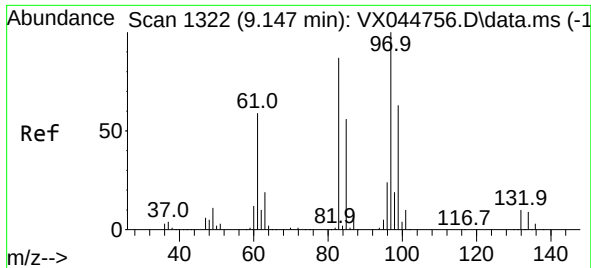
Tgt Ion: 75 Resp: 190279

Ion Ratio Lower Upper

75 100

77 31.1 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 52.548 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 120668

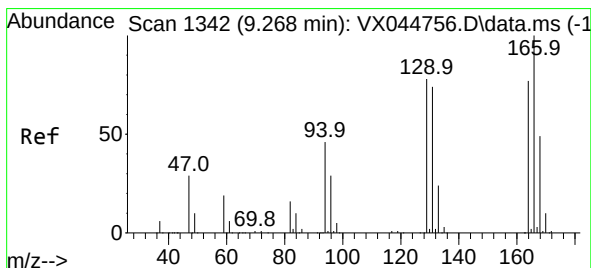
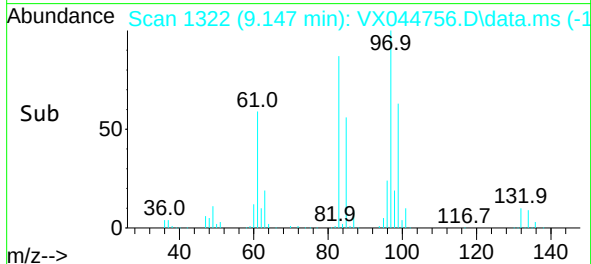
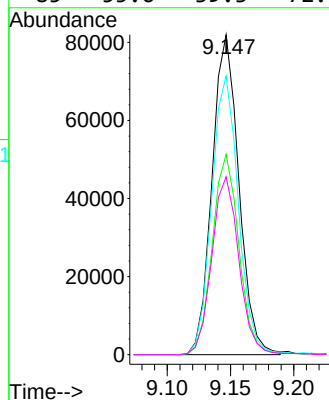
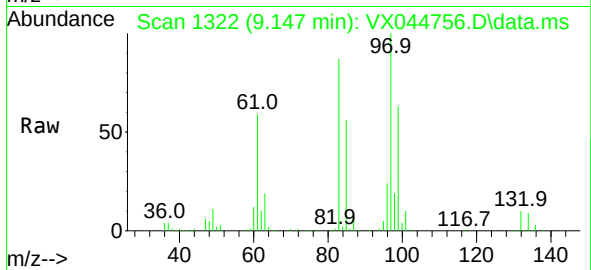
Ion Ratio Lower Upper

97 100

99 62.6 44.8 83.2

83 87.1 60.8 113.0

85 55.6 39.3 72.9



#46

Tetrachloroethene

Concen: 53.234 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Tgt Ion:164 Resp: 87498

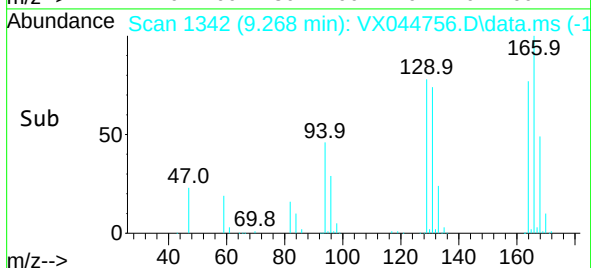
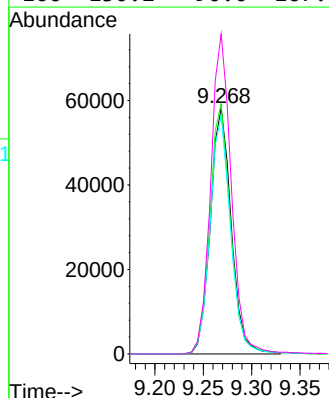
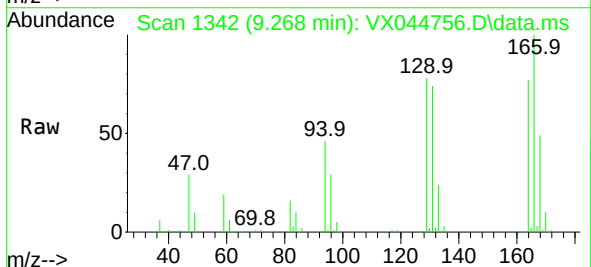
Ion Ratio Lower Upper

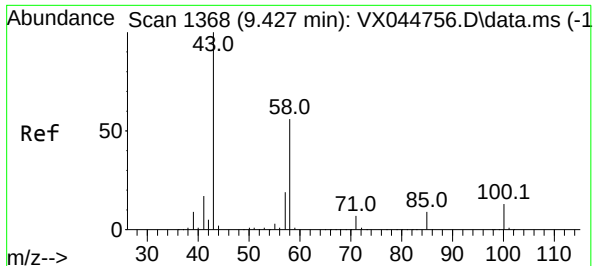
164 100

129 101.8 71.2 132.2

131 96.9 67.2 124.8

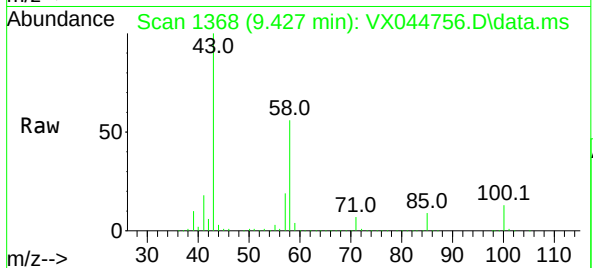
166 130.2 90.0 167.2



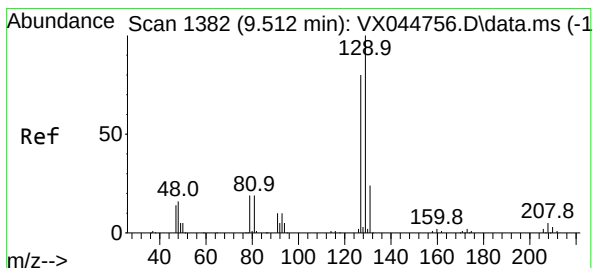
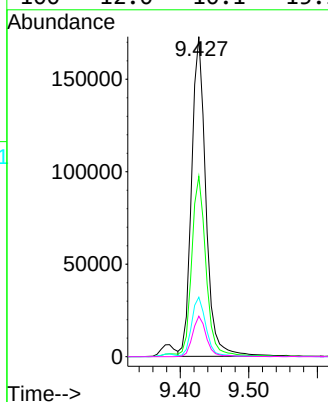
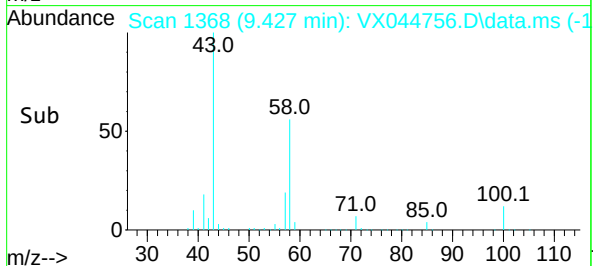


#48
2-Hexanone
Concen: 108.201 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Instrument :
MSVOA_X
ClientSampleId :

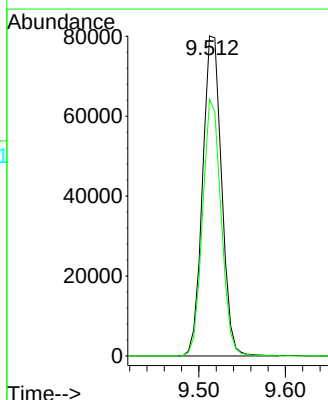
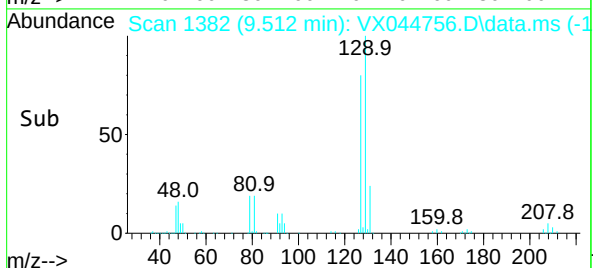
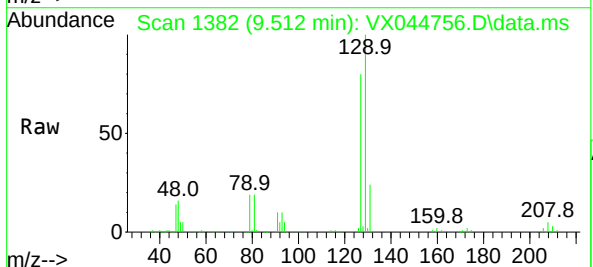


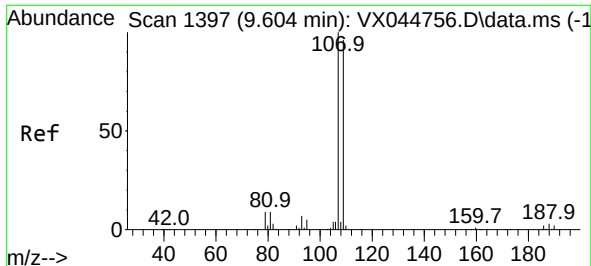
Tgt Ion:	43	58	57	100
Resp:	252152	55.4	18.3	12.0
Lower		44.3	15.9	10.1
Upper		66.5	23.9	15.1



#49
Dibromochloromethane
Concen: 52.748 ug/L
RT: 9.512 min Scan# 1382
Delta R.T. -0.007 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:	129	127
Resp:	122160	80.3
Lower		53.6
Upper		99.6

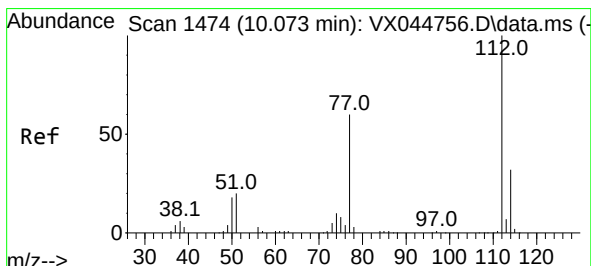
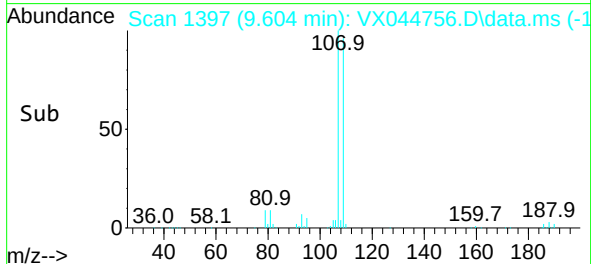
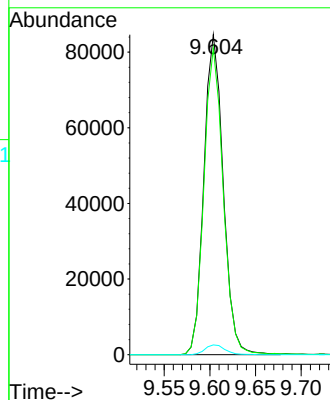
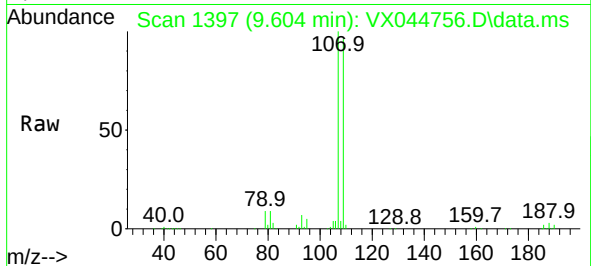




#50
1,2-Dibromoethane
Concen: 51.583 ug/L
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

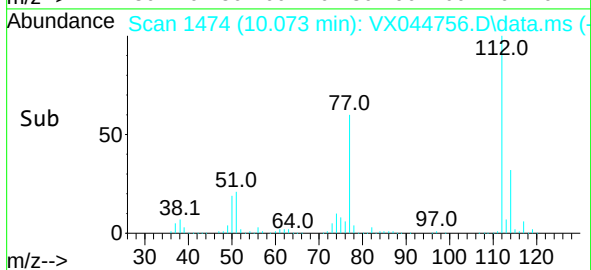
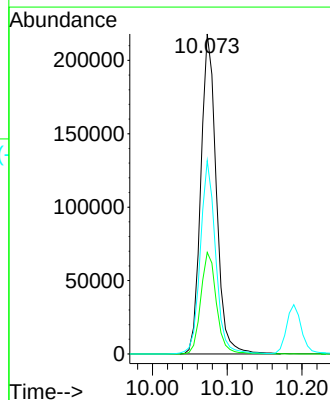
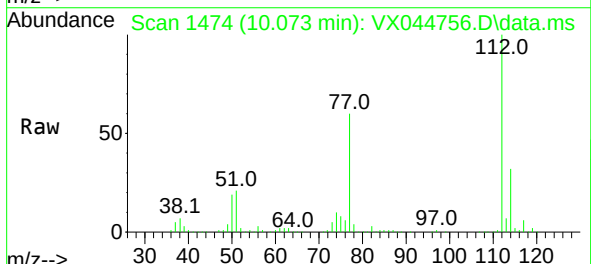
Instrument :
MSVOA_X
ClientSampleId :

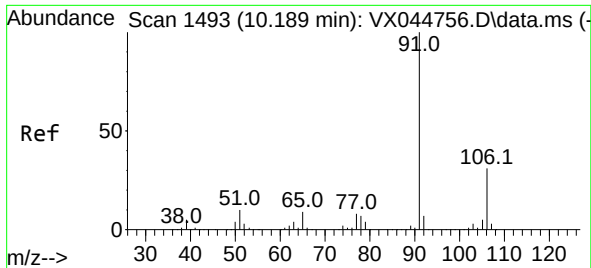
Tgt Ion:107 Resp: 124150
Ion Ratio Lower Upper
107 100
109 95.8 67.2 124.8
188 3.0 2.2 3.4



#51
Chlorobenzene
Concen: 53.797 ug/L
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:112 Resp: 313397
Ion Ratio Lower Upper
112 100
114 31.8 22.4 41.6
77 60.4 49.2 73.8

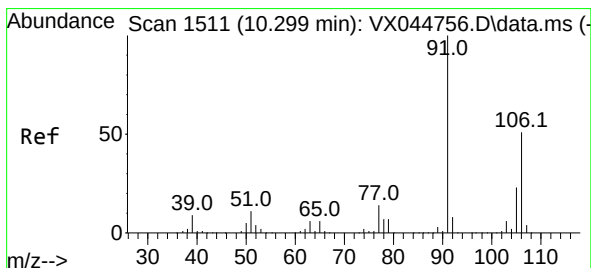
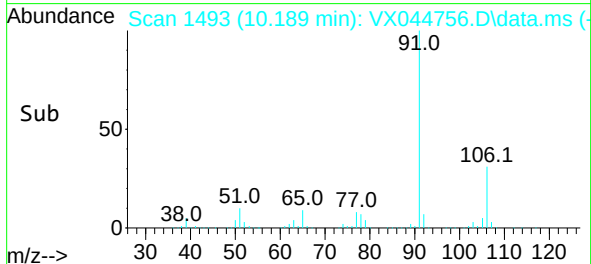
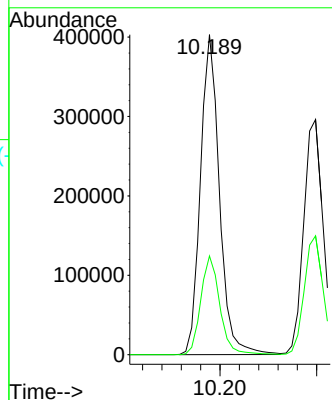
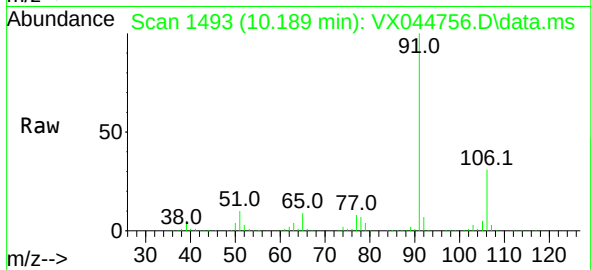




#52
Ethylbenzene
Concen: 53.965 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

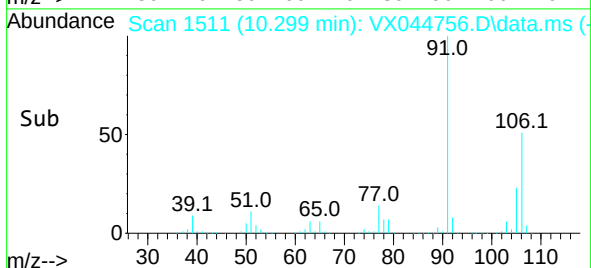
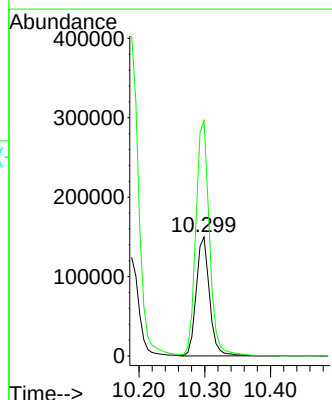
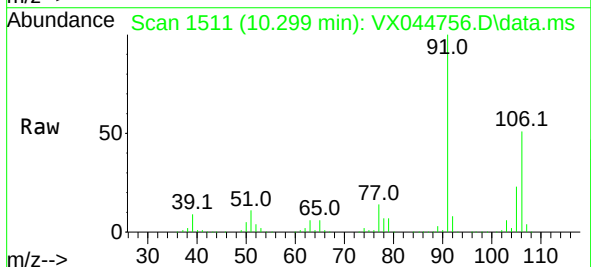
Instrument :
MSVOA_X
ClientSampleId :

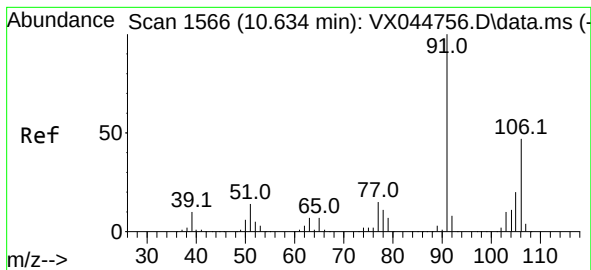
Tgt Ion: 91 Resp: 550457
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 54.464 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion: 106 Resp: 208563
Ion Ratio Lower Upper
106 100
91 197.7 145.2 269.6





#54

o-Xylene

Concen: 54.538 ug/L

RT: 10.634 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

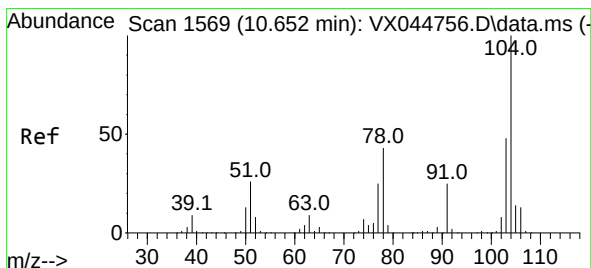
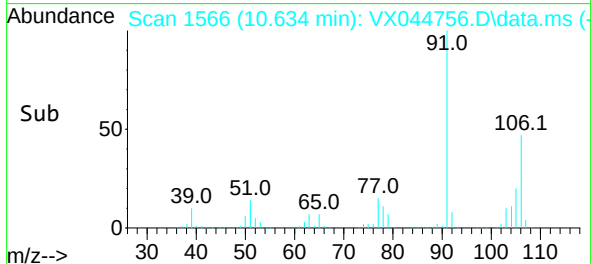
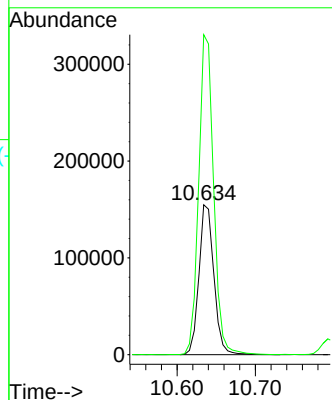
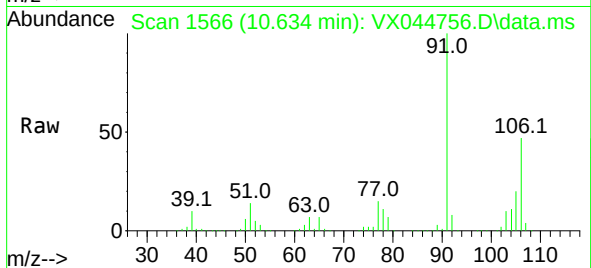
ClientSampleId :

Tgt Ion:106 Resp: 205859

Ion Ratio Lower Upper

106 100

91 213.4 153.2 284.4



#55

Styrene

Concen: 55.275 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX044756.D

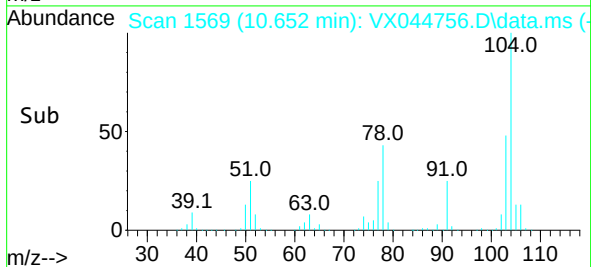
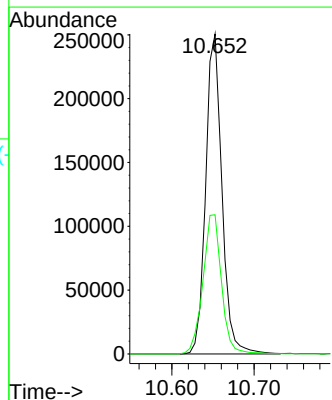
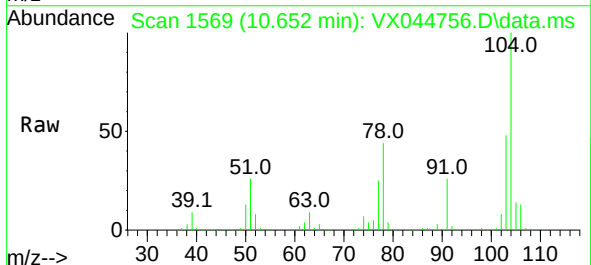
Acq: 29 Jan 2025 09:36

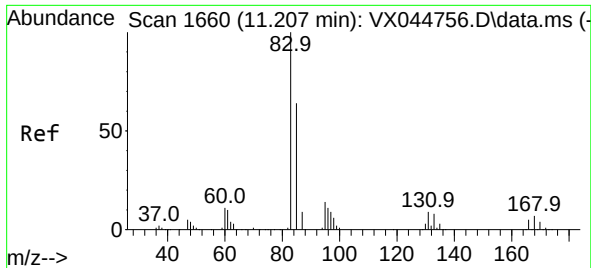
Tgt Ion:104 Resp: 344348

Ion Ratio Lower Upper

104 100

78 43.5 32.7 60.7

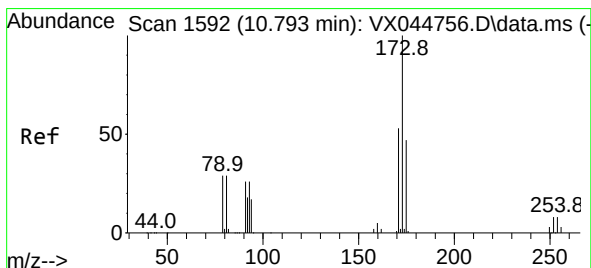
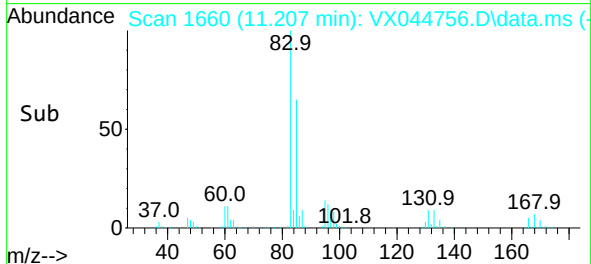
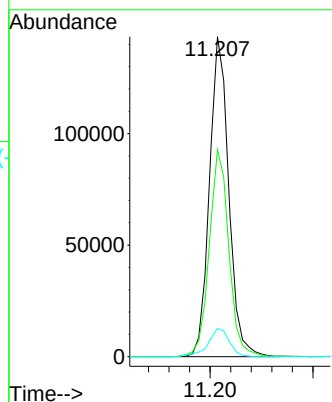
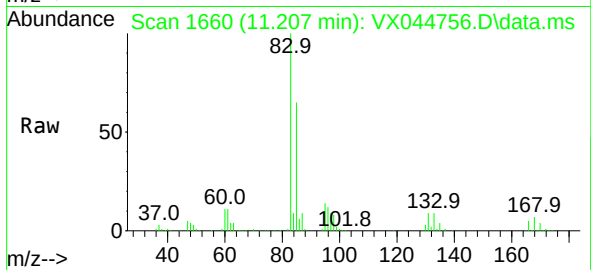




#57
1,1,2,2-Tetrachloroethane
Concen: 52.349 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

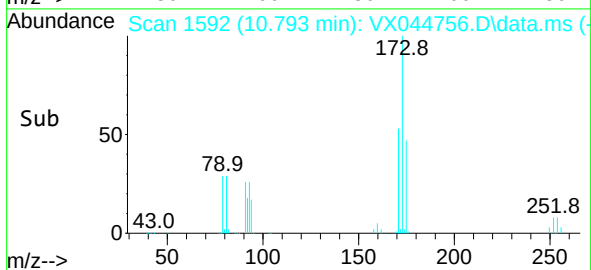
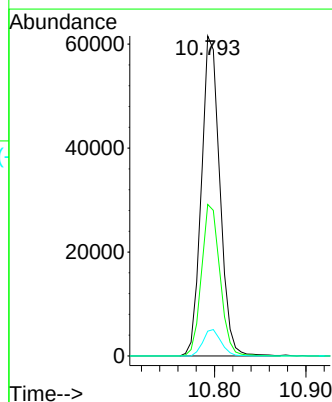
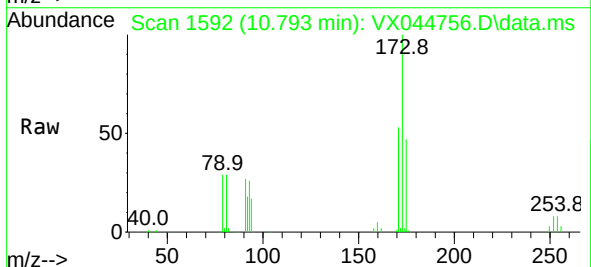
Instrument :
MSVOA_X
ClientSampleId :

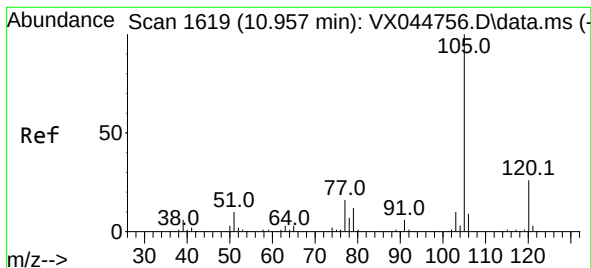
Tgt Ion: 83 Resp: 186515
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.5
131 8.8 8.0 12.0



#59
Bromoform
Concen: 52.935 ug/L
RT: 10.793 min Scan# 1592
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:173 Resp: 86417
Ion Ratio Lower Upper
173 100
175 47.4 38.6 58.0
254 8.1 6.6 10.0





#60

Isopropylbenzene

Concen: 53.494 ug/L

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

ClientSampleId :

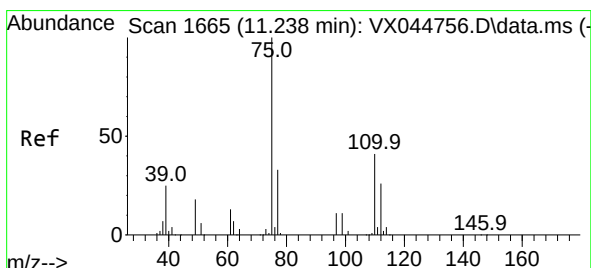
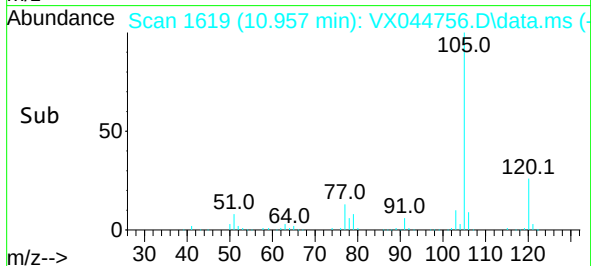
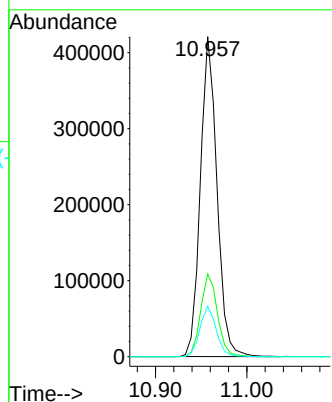
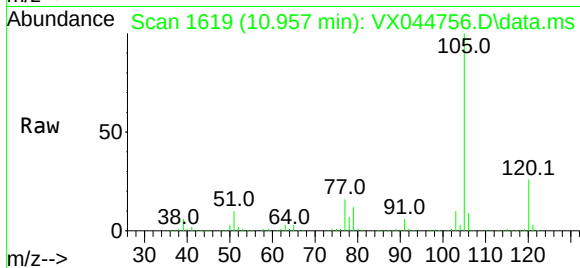
Tgt Ion:105 Resp: 530199

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

77 15.6 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 49.929 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

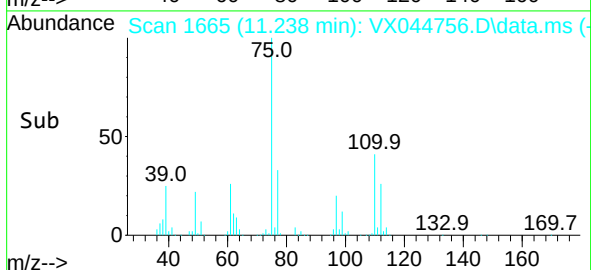
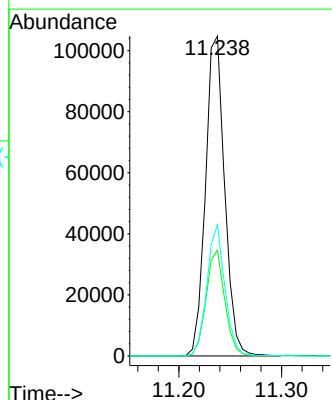
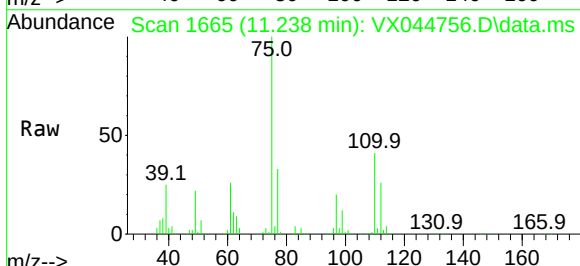
Tgt Ion: 75 Resp: 136039

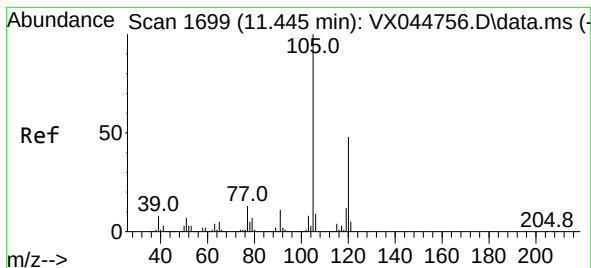
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 38.7 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 54.348 ug/L

RT: 11.445 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

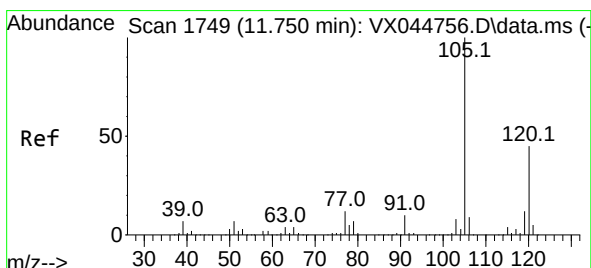
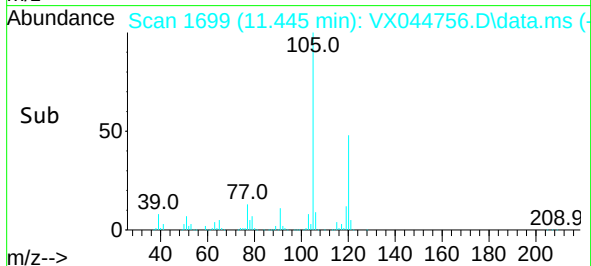
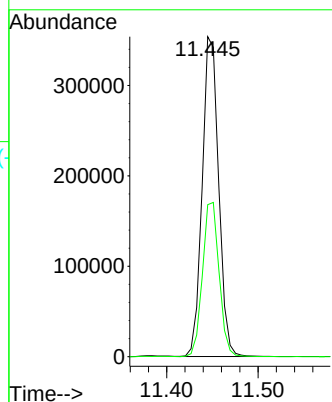
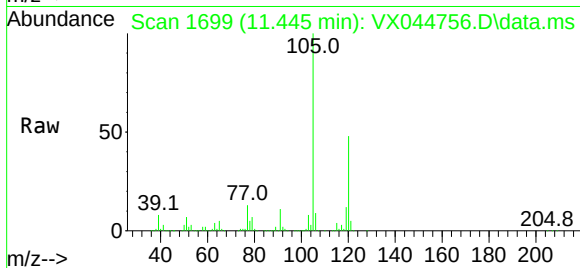
ClientSampleId :

Tgt Ion:105 Resp: 441896

Ion Ratio Lower Upper

105 100

120 48.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 54.389 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044756.D

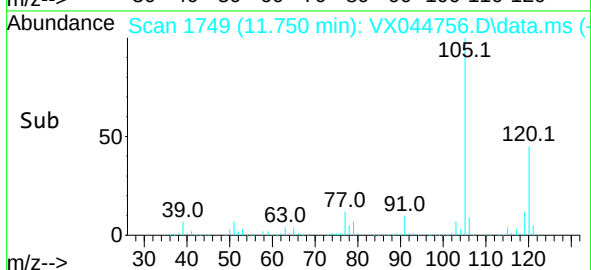
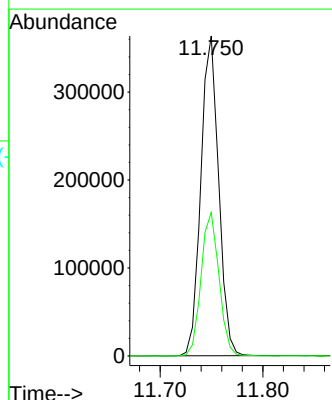
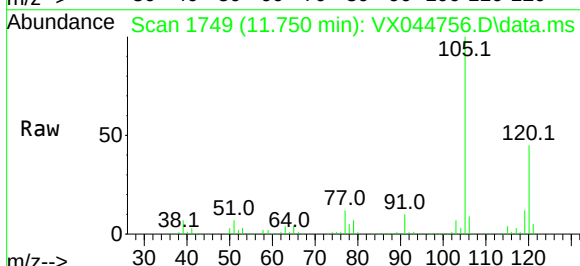
Acq: 29 Jan 2025 09:36

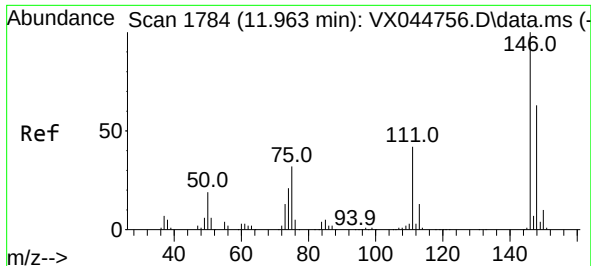
Tgt Ion:105 Resp: 438012

Ion Ratio Lower Upper

105 100

120 45.1 35.7 53.5

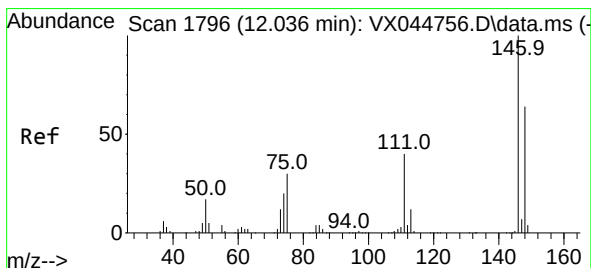
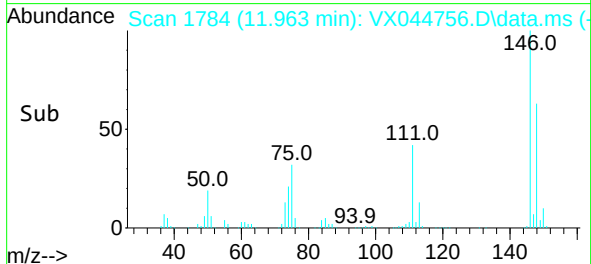
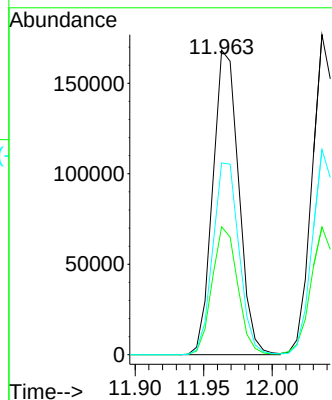
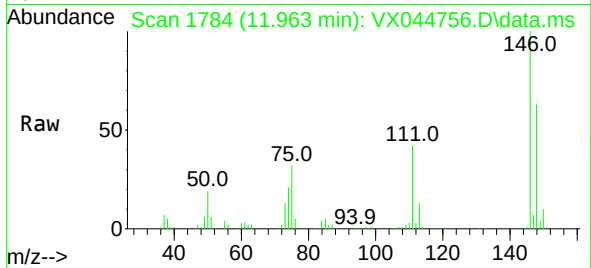




#64
1,3-Dichlorobenzene
Concen: 54.408 ug/L
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

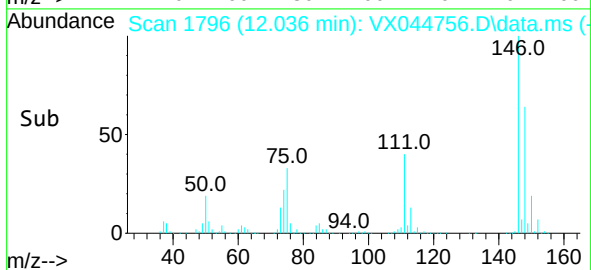
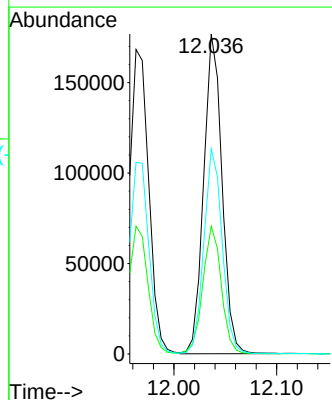
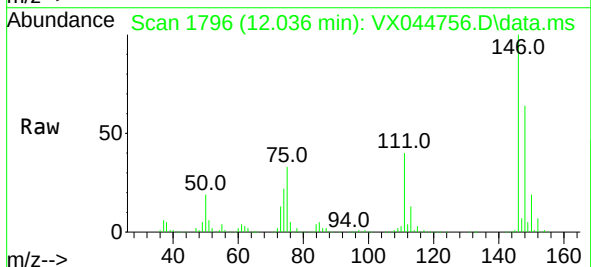
Instrument :
MSVOA_X
ClientSampleId :

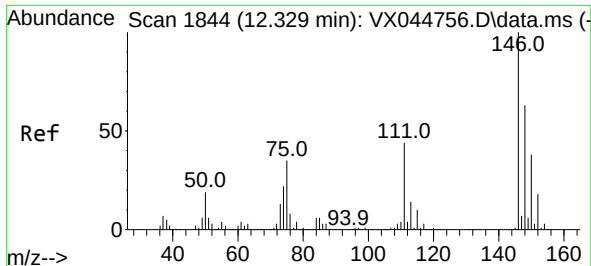
Tgt Ion:146 Resp: 221681
Ion Ratio Lower Upper
146 100
111 42.0 29.5 54.9
148 63.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 54.137 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX044756.D
Acq: 29 Jan 2025 09:36

Tgt Ion:146 Resp: 219562
Ion Ratio Lower Upper
146 100
111 39.9 29.7 55.1
148 64.1 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 53.480 ug/L

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

ClientSampleId :

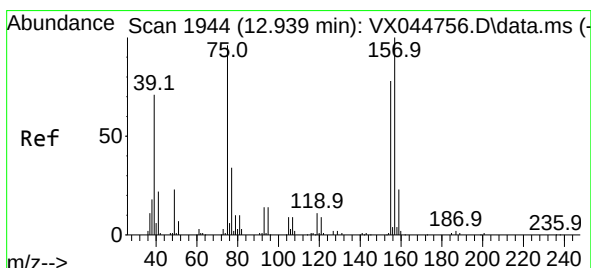
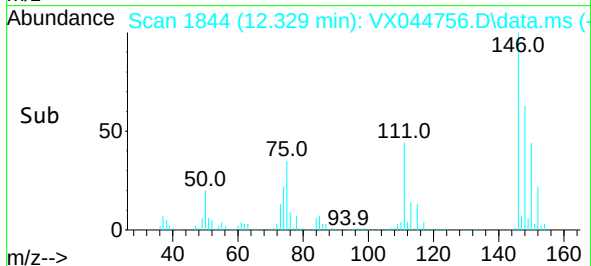
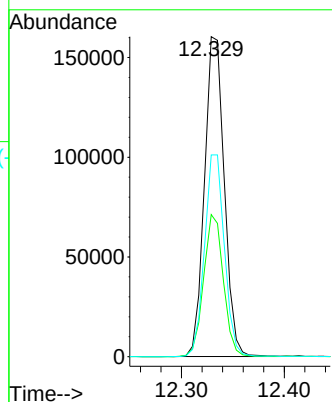
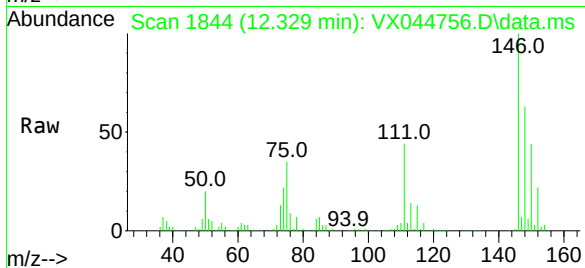
Tgt Ion:146 Resp: 216036

Ion Ratio Lower Upper

146 100

111 44.4 36.1 54.1

148 63.1 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.817 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

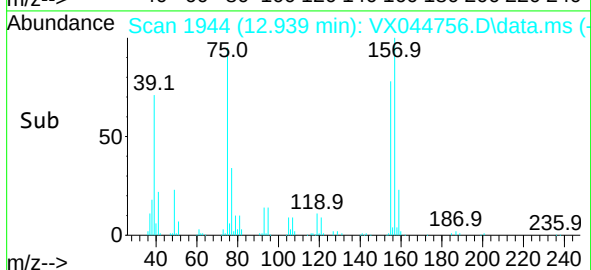
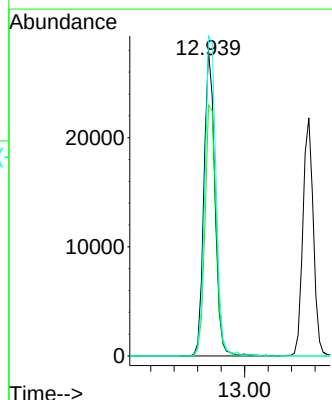
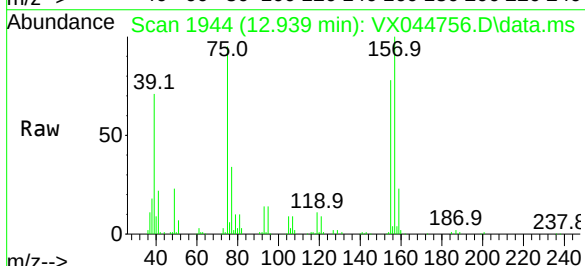
Tgt Ion: 75 Resp: 36242

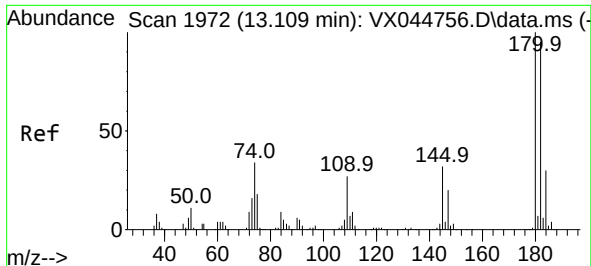
Ion Ratio Lower Upper

75 100

155 82.1 62.5 93.7

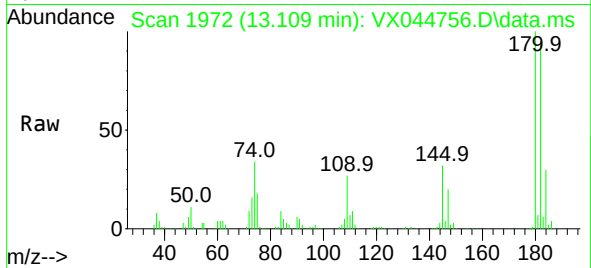
157 104.7 83.5 125.3



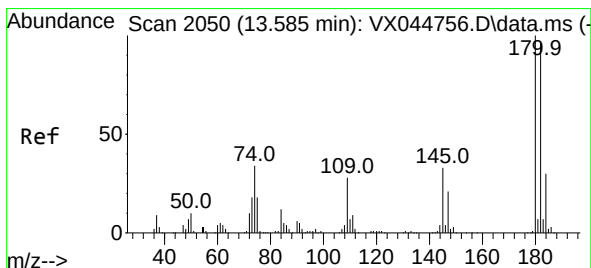
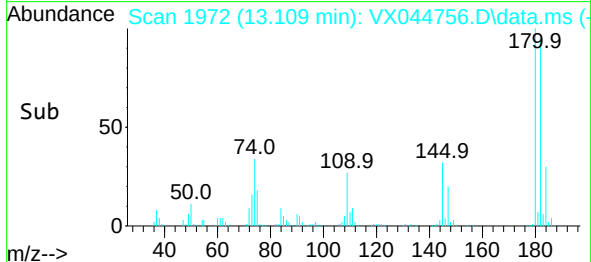
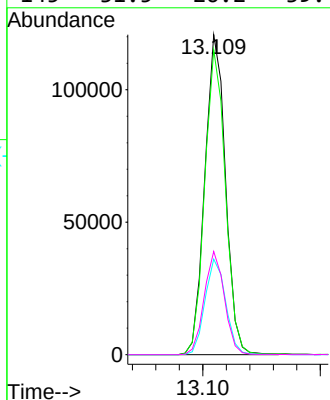


#69
 1,3,5-Trichlorobenzene
 Concen: 55.253 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: VX044756.D
 Acq: 29 Jan 2025 09:36

Instrument :
 MSVOA_X
 ClientSampleId :

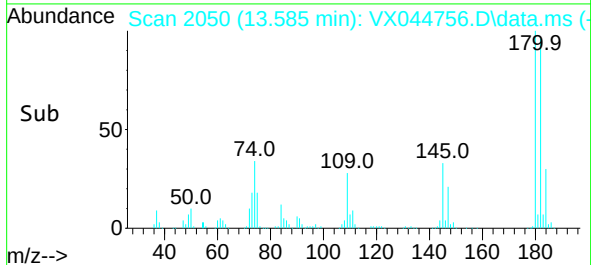
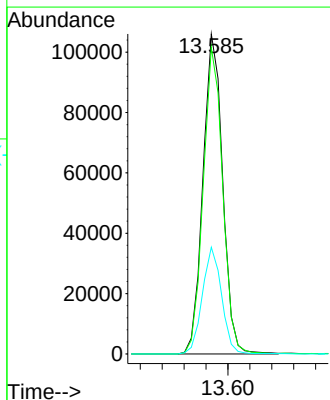
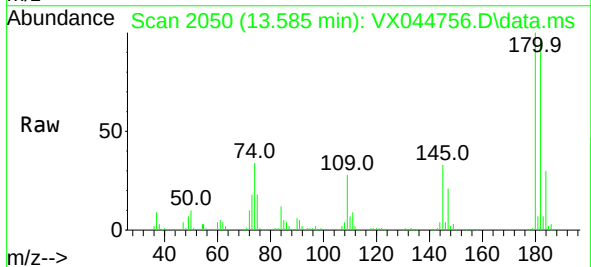


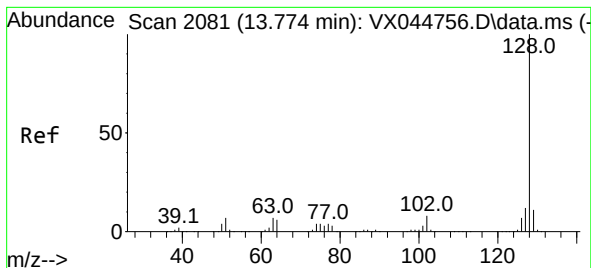
Tgt Ion:180 Resp: 147518
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.6
 184 29.9 24.0 36.0
 145 31.5 26.2 39.4



#70
 1,2,4-trichlorobenzene
 Concen: 54.855 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX044756.D
 Acq: 29 Jan 2025 09:36

Tgt Ion:180 Resp: 132035
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.5 114.7
 145 32.7 27.0 40.4





#71

Naphthalene

Concen: 52.057 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Instrument :

MSVOA_X

ClientSampleId :

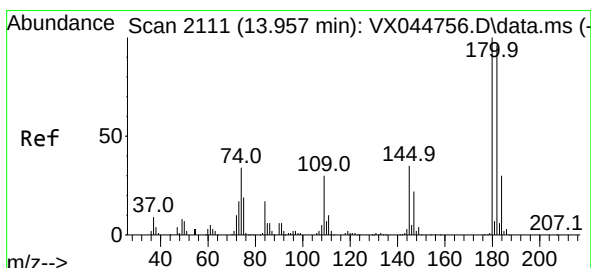
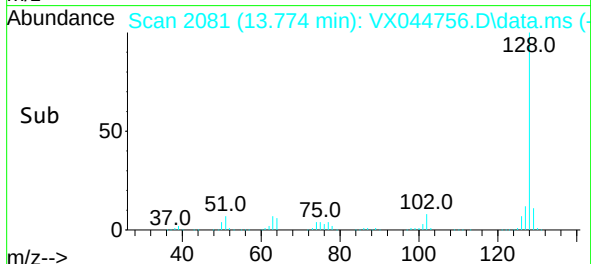
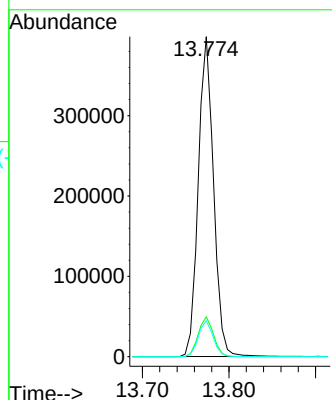
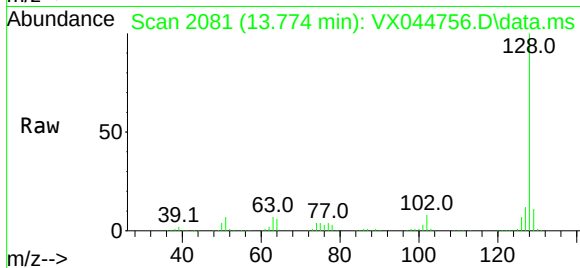
Tgt Ion:128 Resp: 485949

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 53.421 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX044756.D

Acq: 29 Jan 2025 09:36

Tgt Ion:180 Resp: 130385

Ion Ratio Lower Upper

180 100

182 96.1 77.1 115.7

145 34.6 28.3 42.5

