

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045854.D
 Acq On : 18 Apr 2025 13:47
 Operator : JC/MD
 Sample : Q1828-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RT4643

Quant Time: Apr 18 23:39:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

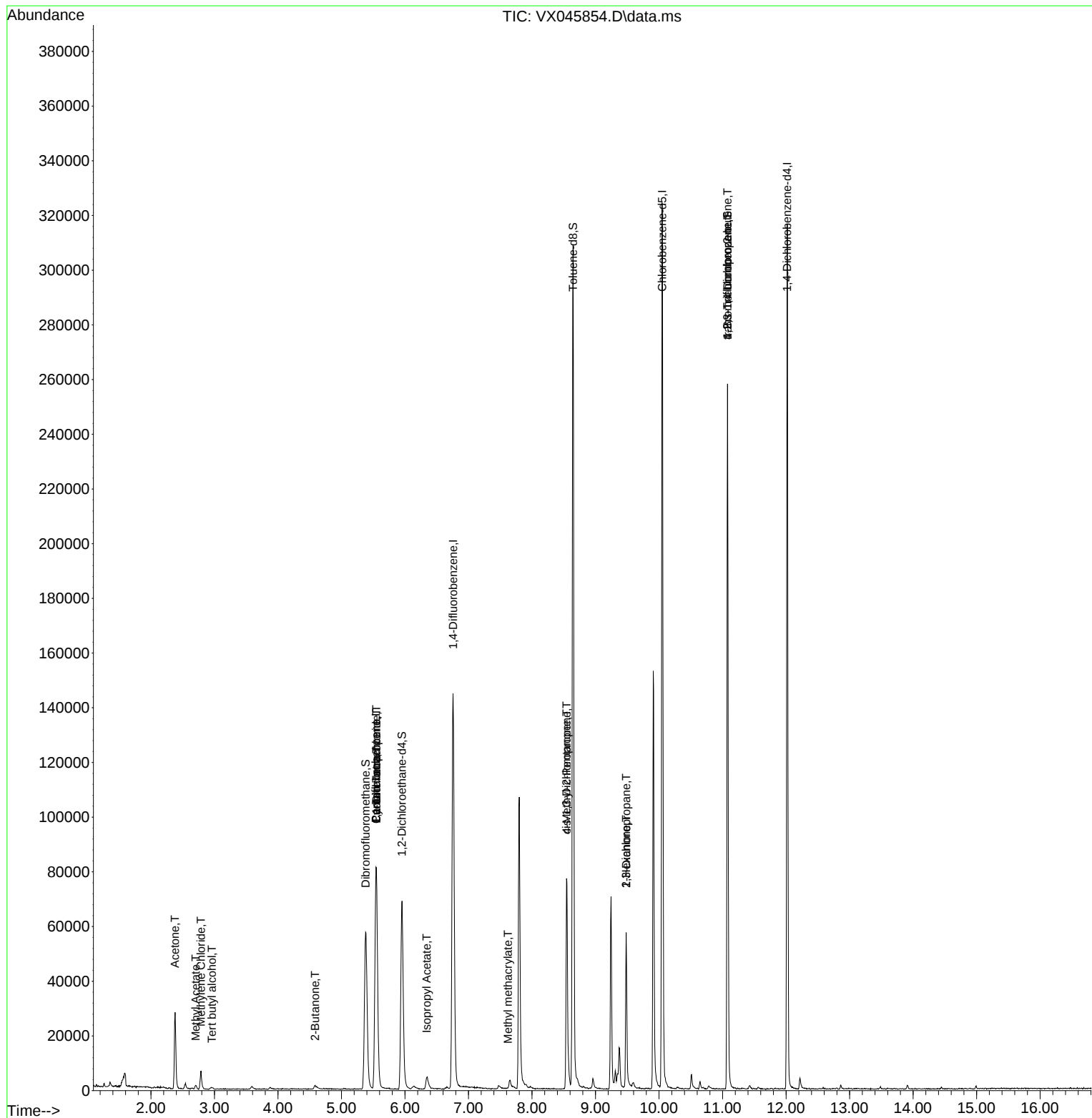
Internal Standards						
1) Pentafluorobenzene	5.544	168	70139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	140971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	131851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70338	54.838	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.680%		
35) Dibromofluoromethane	5.379	113	50744	50.734	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.460%		
50) Toluene-d8	8.647	98	177454	50.831	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.660%		
62) 4-Bromofluorobenzene	11.079	95	67427	53.025	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.040%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	319	1.851	ug/l #	72
16) Acetone	2.380	43	30684	58.258	ug/l	100
18) Methyl Acetate	2.703	43	1853	1.528	ug/l	95
20) Methylene Chloride	2.788	84	2734	2.773	ug/l	87
25) 2-Butanone	4.586	43	3252	4.218	ug/l	97
31) Cyclohexane	5.550	56	2139	1.359	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	6796	5.032	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8205	5.622	ug/l #	16
43) Isopropyl Acetate	6.342	43	7327	2.841	ug/l	96
48) Methyl methacrylate	7.622	41	687	0.516	ug/l #	15
51) 4-Methyl-2-Pentanone	8.543	43	32276	18.876	ug/l #	52
54) cis-1,3-Dichloropropene	8.543	75	11885	8.017	ug/l #	67
57) 1,3-Dichloropropane	9.482	76	439	0.253	ug/l #	42
59) 2-Hexanone	9.482	43	8625	6.811	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	39246	28.408	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39246	96.412	ug/l #	1

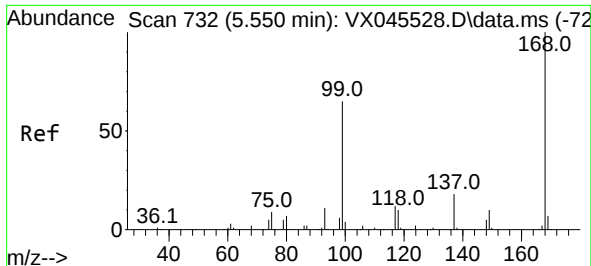
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

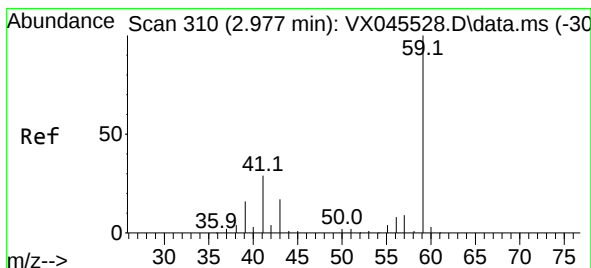
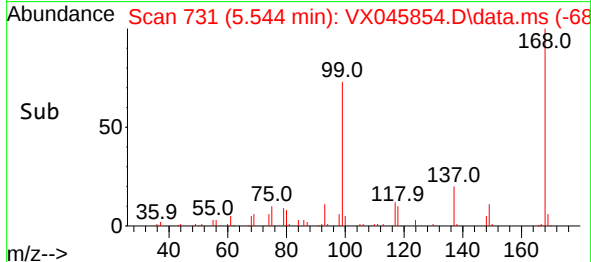
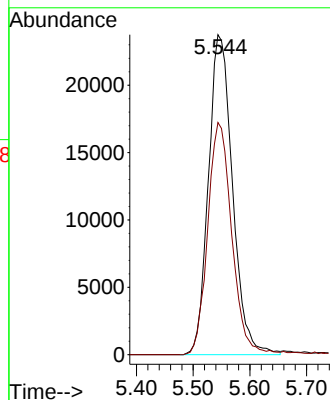
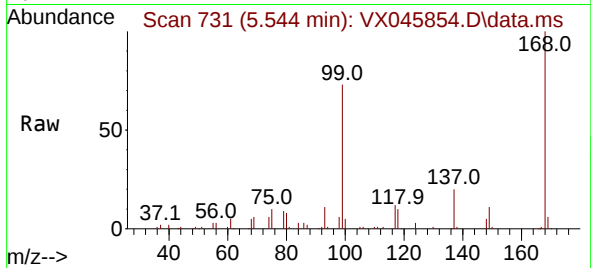




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

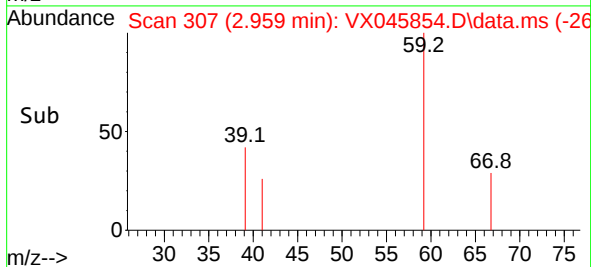
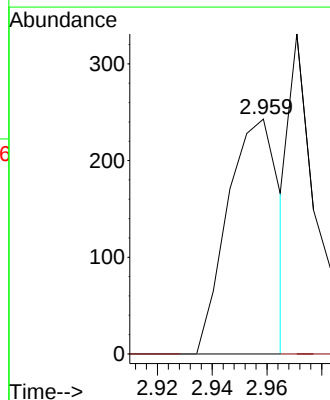
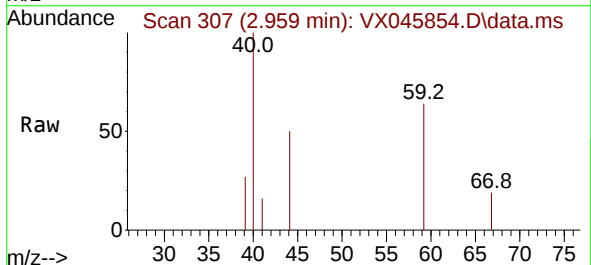
Instrument :
MSVOA_X
ClientSampleId :
RT4643

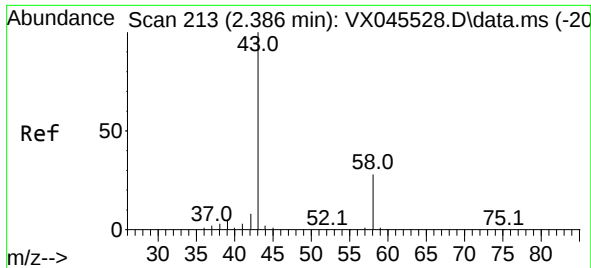
Tgt Ion:168 Resp: 70139
Ion Ratio Lower Upper
168 100
99 72.5 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.851 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 59 Resp: 319
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

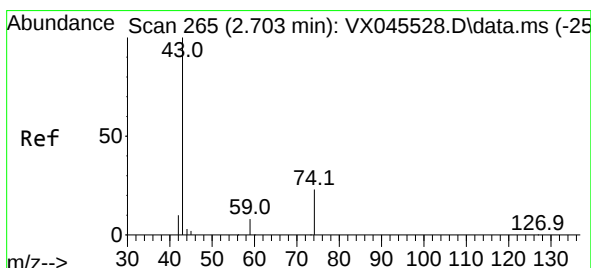
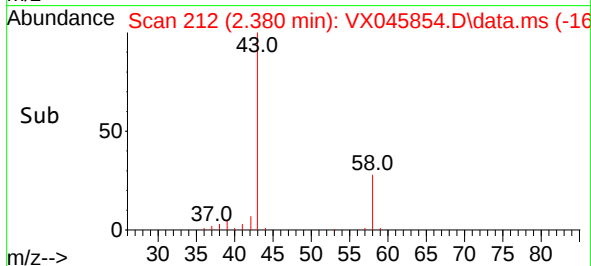
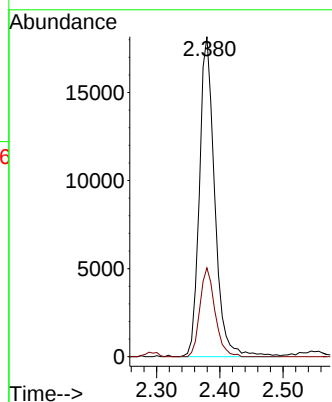
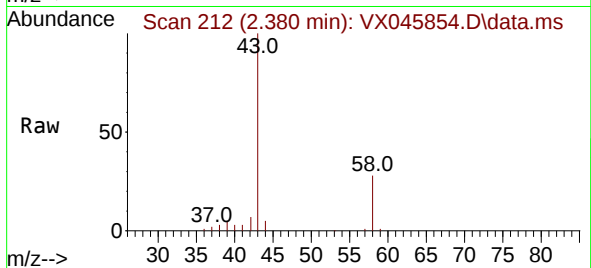




#16
Acetone
Concen: 58.258 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

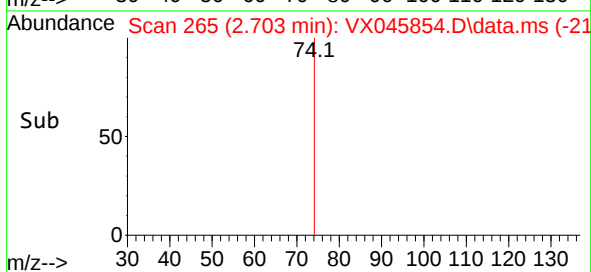
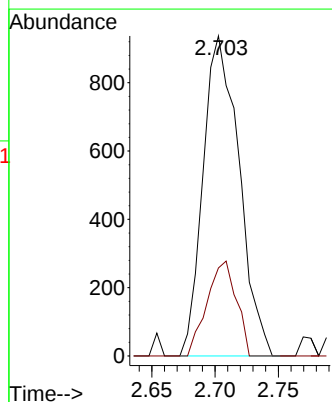
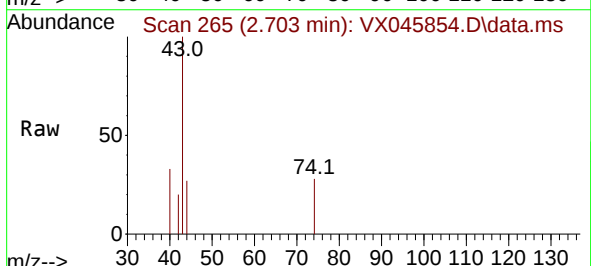
Instrument :
MSVOA_X
ClientSampleId :
RT4643

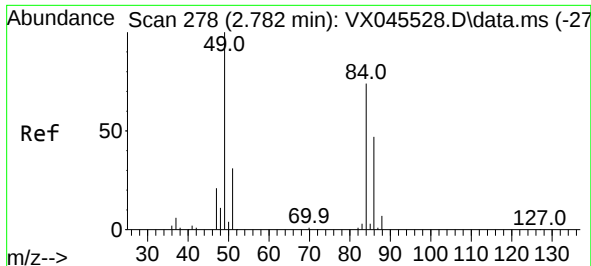
Tgt Ion: 43 Resp: 30684
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5



#18
Methyl Acetate
Concen: 1.528 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3

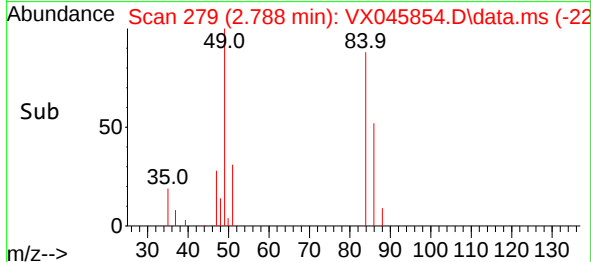
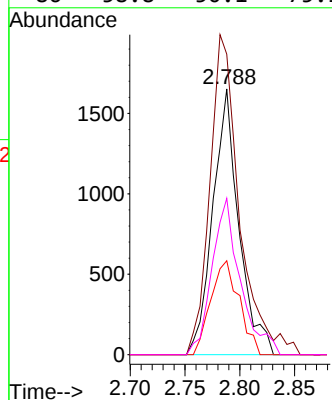
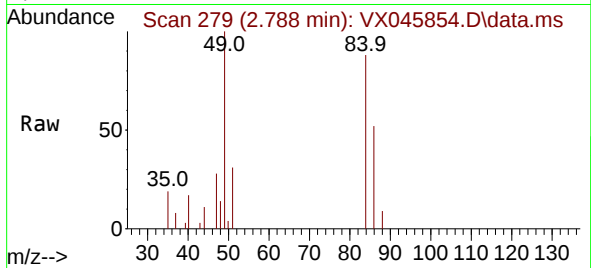




#20
Methylene Chloride
Concen: 2.773 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

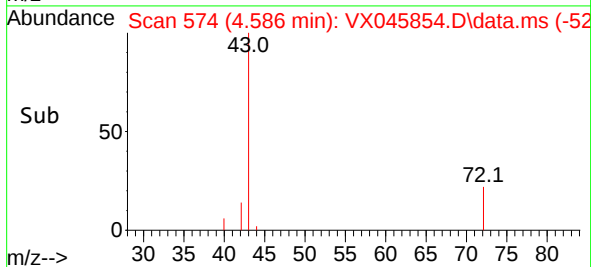
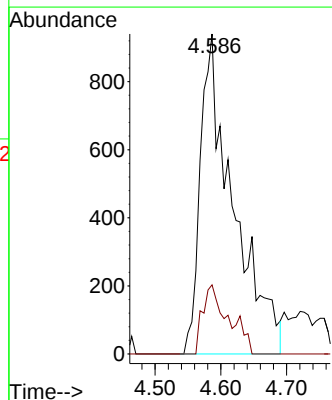
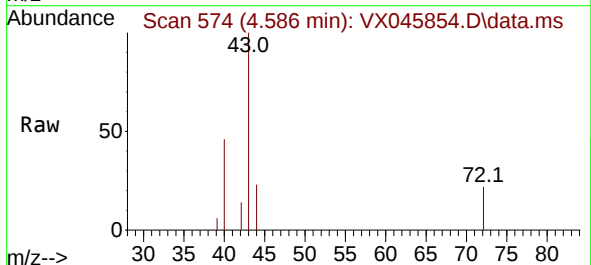
Instrument :
MSVOA_X
ClientSampleId :
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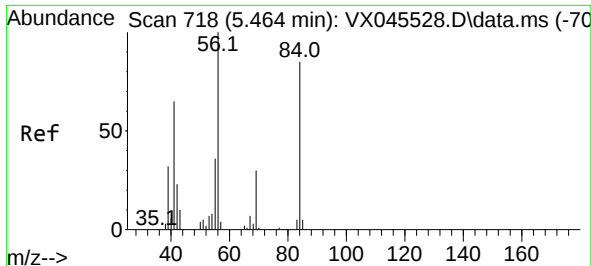
Tgt Ion:	84	Resp:	2734
Ion	Ratio	Lower	Upper
84	100		
49	113.1	107.5	161.3
51	35.3	33.0	49.6
86	58.8	50.1	75.1



#25
2-Butanone
Concen: 4.218 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion:	43	Resp:	3252
Ion	Ratio	Lower	Upper
43	100		
72	21.6	18.6	28.0

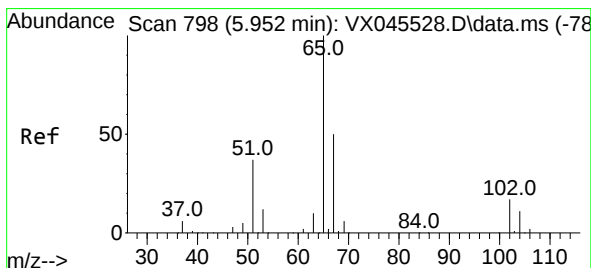
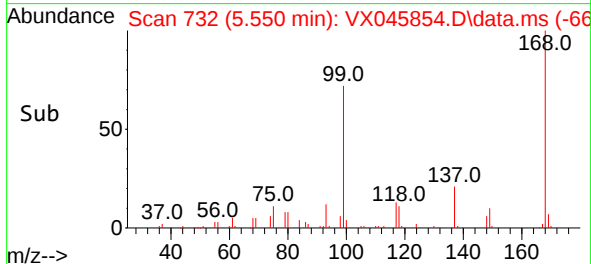
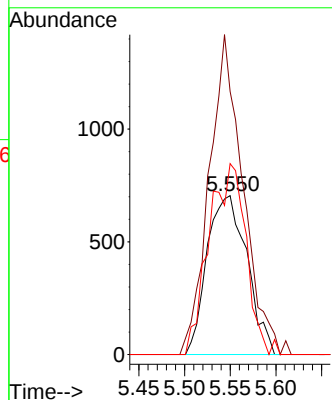
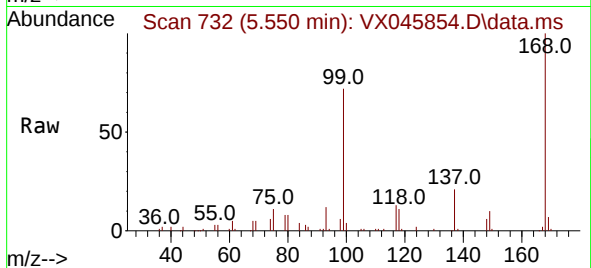




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

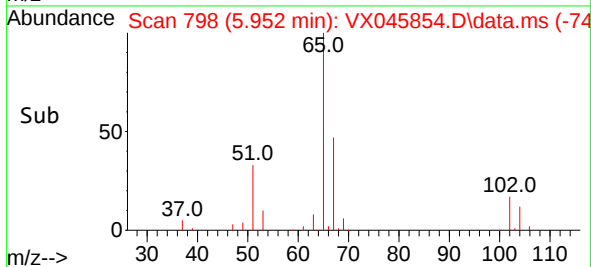
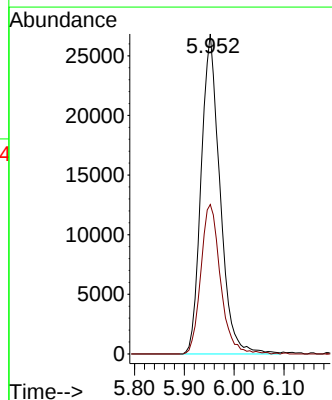
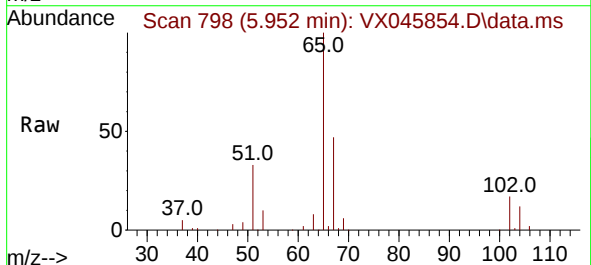
Instrument :
MSVOA_X
ClientSampleId :
RT4643

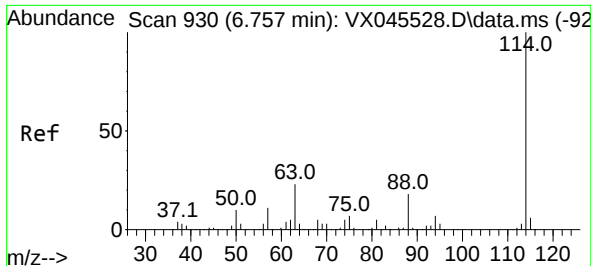
Tgt Ion: 56 Resp: 2139
Ion Ratio Lower Upper
56 100
69 165.5 23.6 35.4#
84 120.1 67.7 101.5#



#33
1,2-Dichloroethane-d4
Concen: 54.838 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 65 Resp: 70338
Ion Ratio Lower Upper
65 100
67 48.7 0.0 99.0

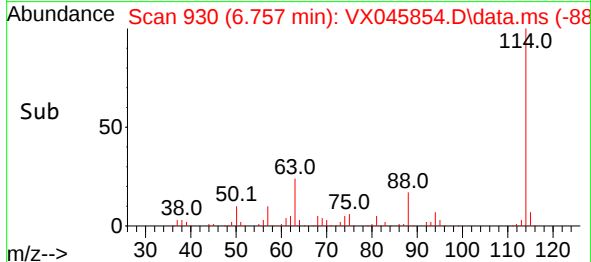
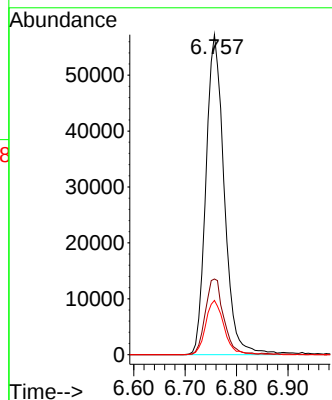
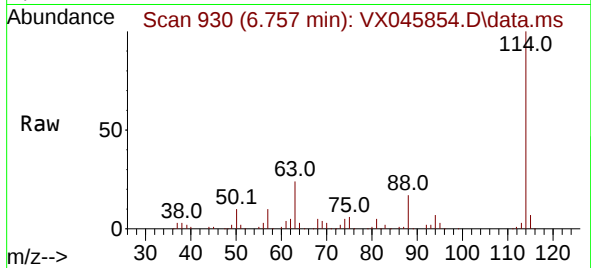




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

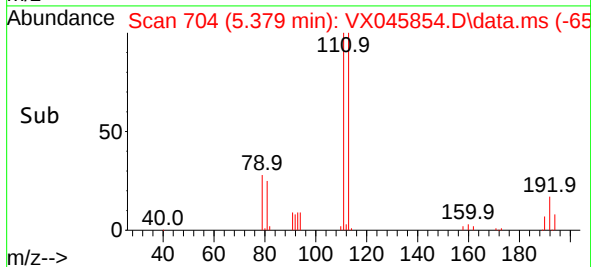
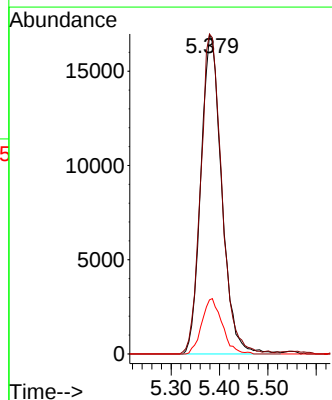
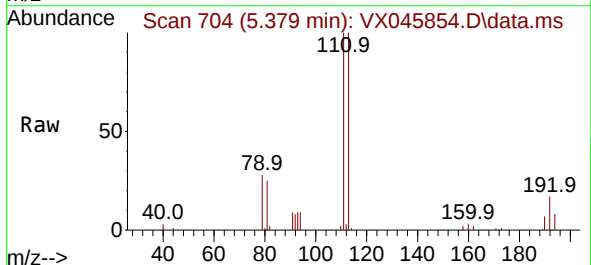
Instrument :
MSVOA_X
ClientSampleId :
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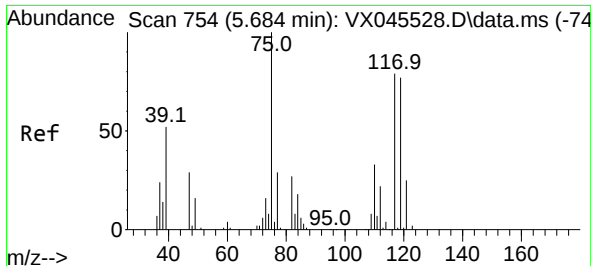
Tgt Ion:114 Resp: 140971
Ion Ratio Lower Upper
114 100
63 23.6 0.0 46.8
88 17.0 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.734 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

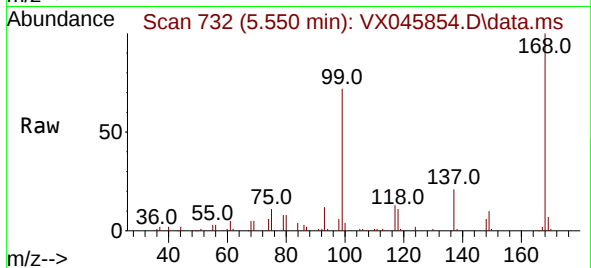
Tgt Ion:113 Resp: 50744
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.6
192 16.9 13.8 20.6



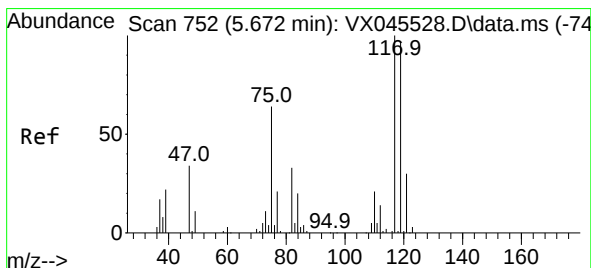
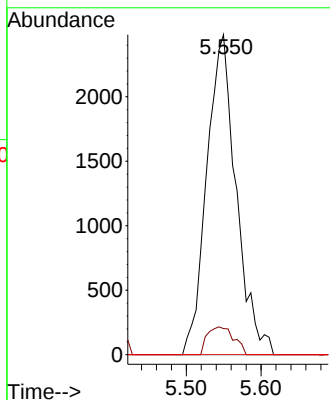
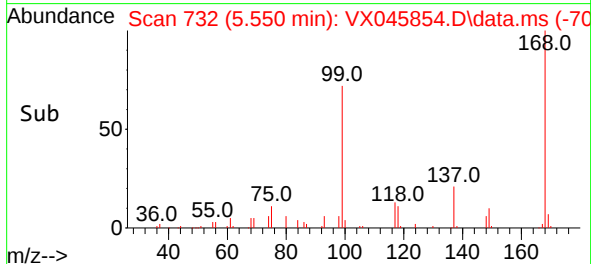


#36
1,1-Dichloropropene
Concen: 5.032 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
RT4643

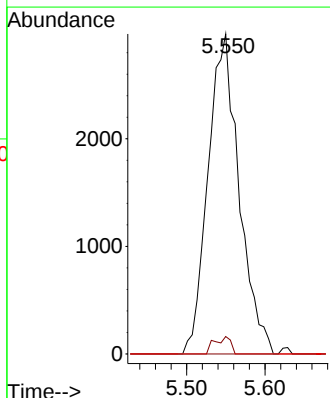
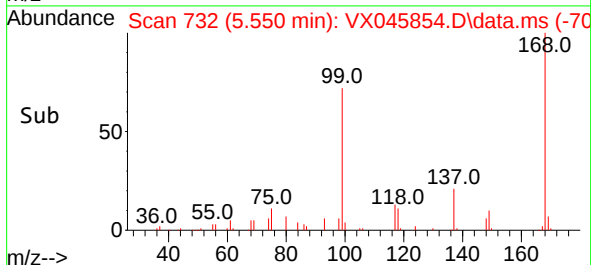
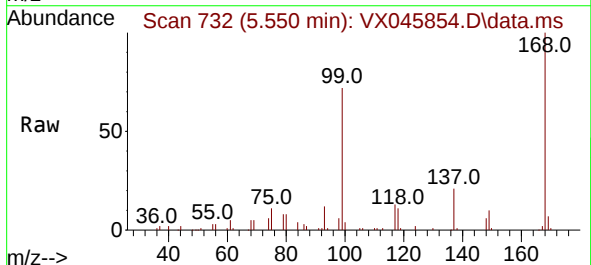


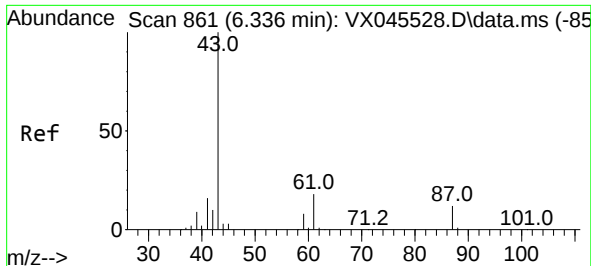
Tgt Ion: 75 Resp: 6796
Ion Ratio Lower Upper
75 100
110 7.8 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 117 Resp: 8205
Ion Ratio Lower Upper
117 100
119 5.5 76.9 115.3#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 2.841 ug/l

RT: 6.342 min Scan# 8

Delta R.T. 0.006 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

Instrument :

MSVOA_X

ClientSampleId :

RT4643

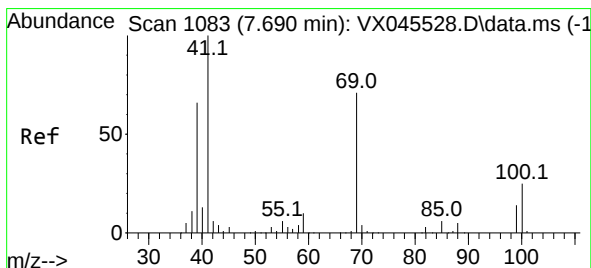
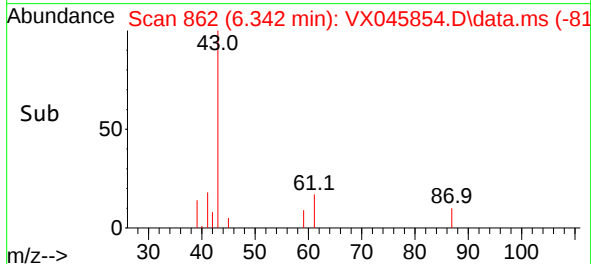
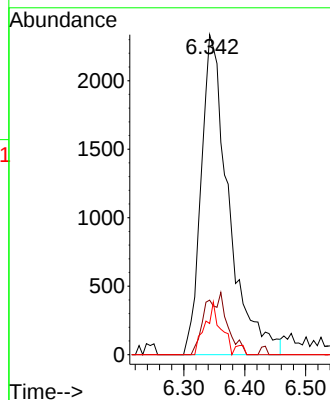
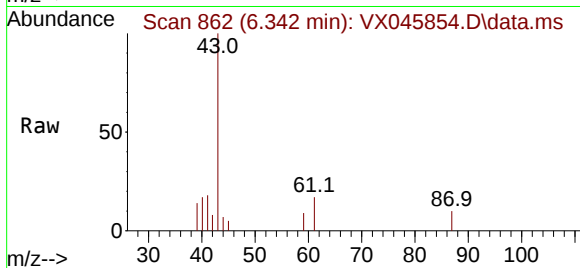
Tgt Ion: 43 Resp: 7327

Ion Ratio Lower Upper

43 100

61 16.0 14.1 21.1

87 9.6 9.2 13.8



#48

Methyl methacrylate

Concen: 0.516 ug/l

RT: 7.622 min Scan# 1072

Delta R.T. -0.067 min

Lab File: VX045854.D

Acq: 18 Apr 2025 13:47

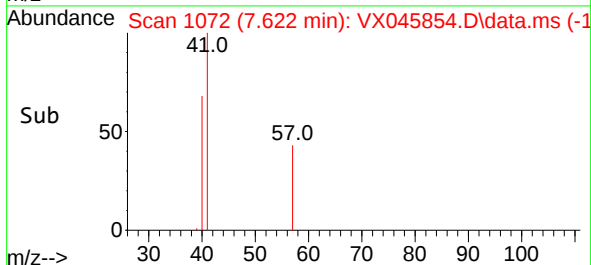
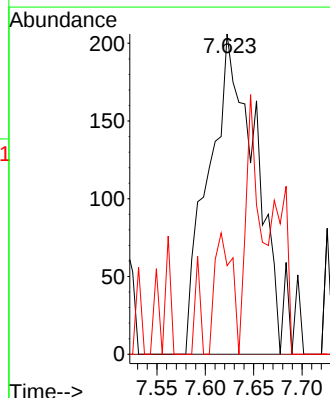
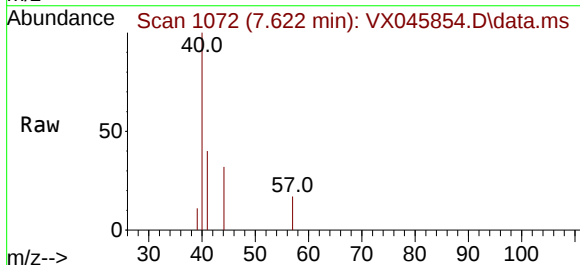
Tgt Ion: 41 Resp: 687

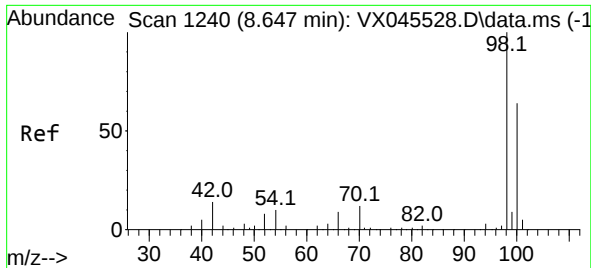
Ion Ratio Lower Upper

41 100

69 0.0 58.2 87.2#

39 0.0 53.6 80.4#

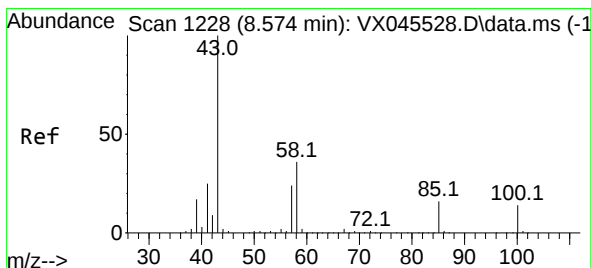
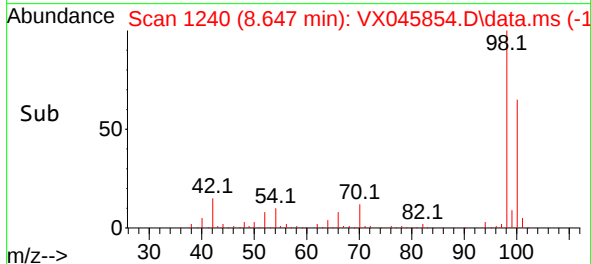
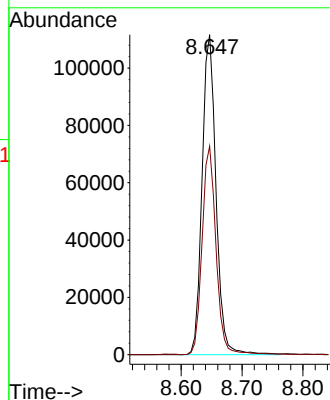
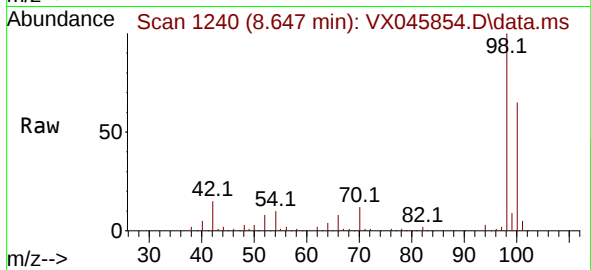




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

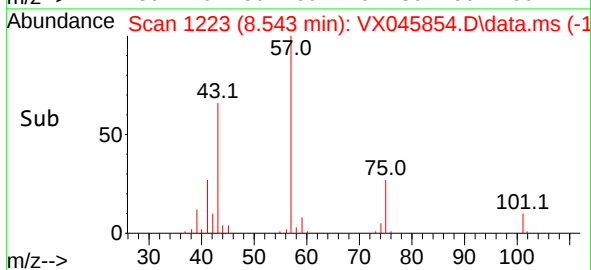
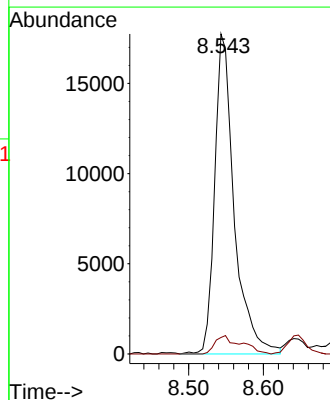
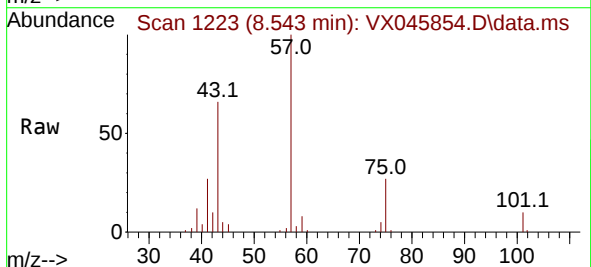
Instrument :
MSVOA_X
ClientSampleId :
RT4643

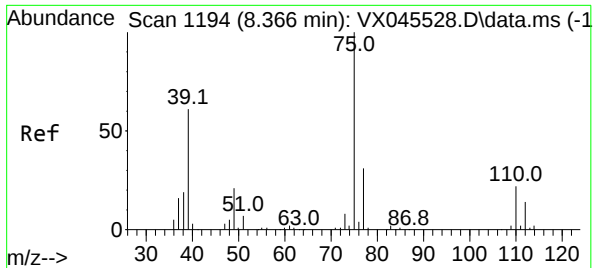
Tgt Ion: 98 Resp: 177454
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 18.876 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.031 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 43 Resp: 32276
Ion Ratio Lower Upper
43 100
58 7.7 28.5 42.7#

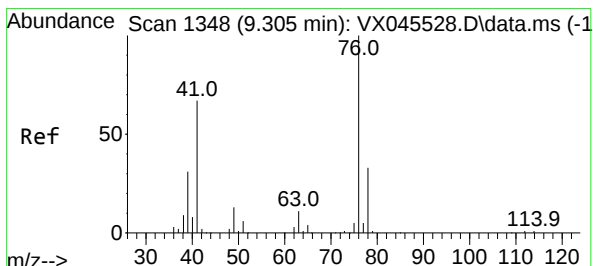
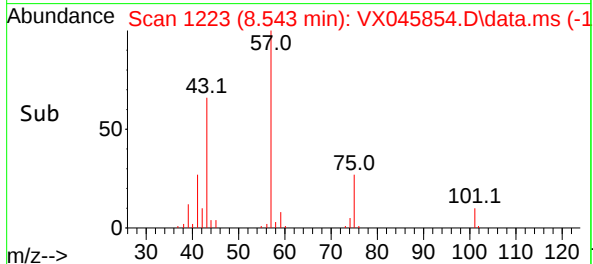
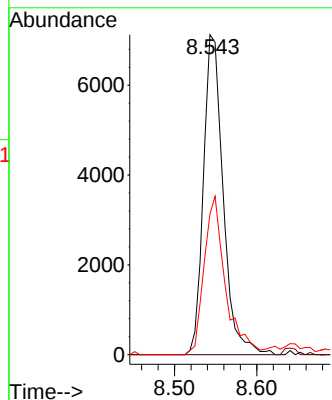
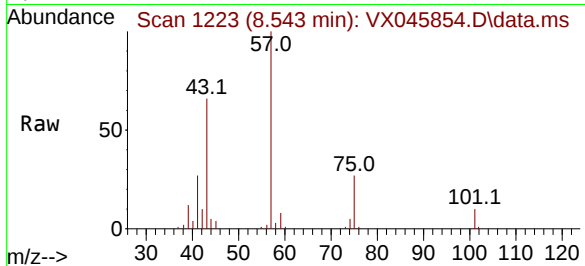




#54
 cis-1,3-Dichloropropene
 Concen: 8.017 ug/l
 RT: 8.543 min Scan# 1194
 Delta R.T. 0.177 min
 Lab File: VX045854.D
 Acq: 18 Apr 2025 13:47

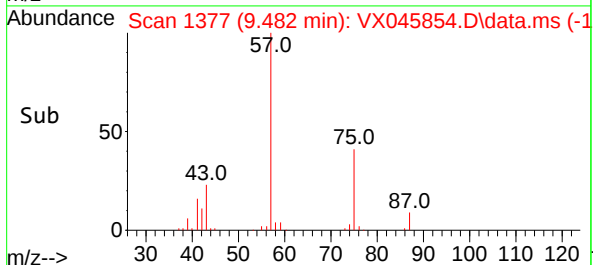
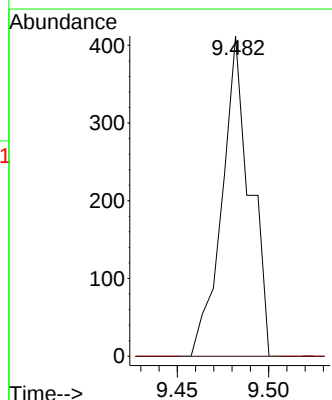
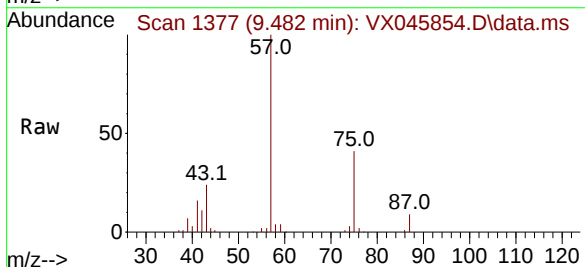
Instrument :
 MSVOA_X
 ClientSampleId :
 RT4643

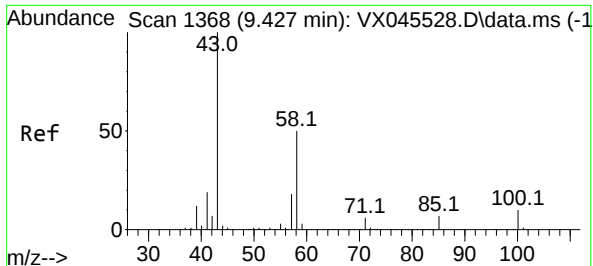
Tgt Ion: 75 Resp: 11885
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 43.9 48.4 72.6#



#57
 1,3-Dichloropropane
 Concen: 0.253 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.177 min
 Lab File: VX045854.D
 Acq: 18 Apr 2025 13:47

Tgt Ion: 76 Resp: 439
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

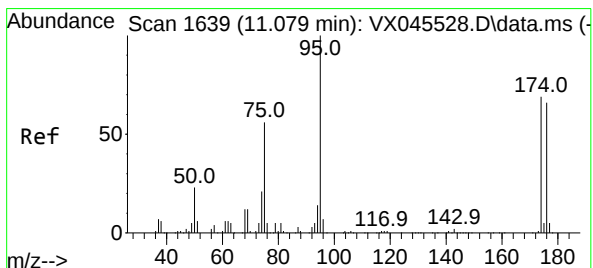
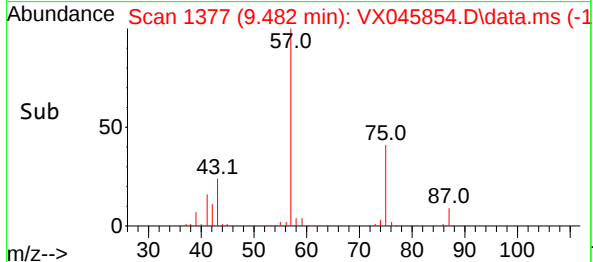
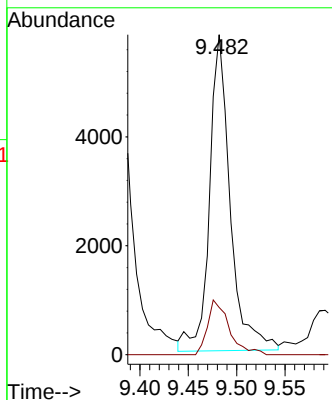
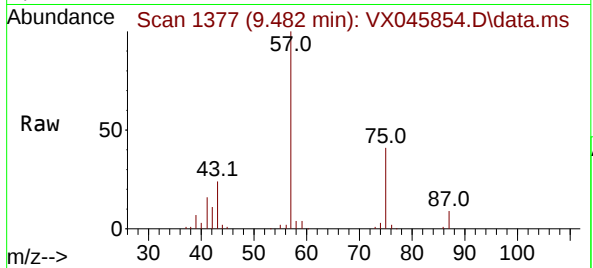




#59
2-Hexanone
Concen: 6.811 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

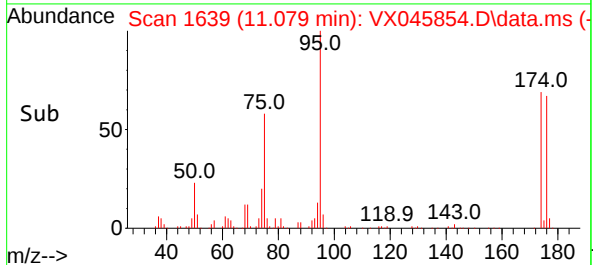
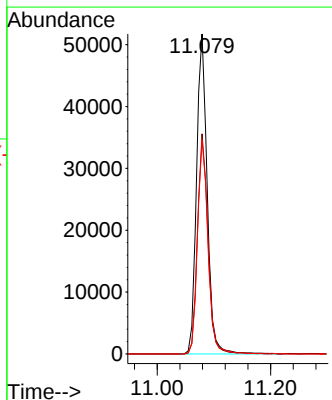
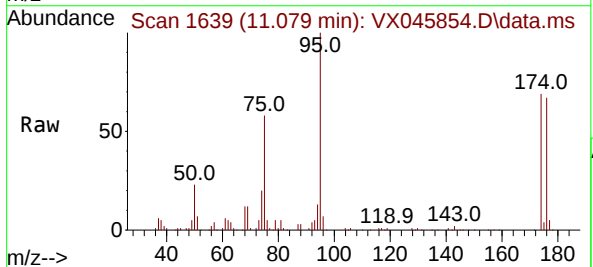
Instrument :
MSVOA_X
ClientSampleId :
RT4643

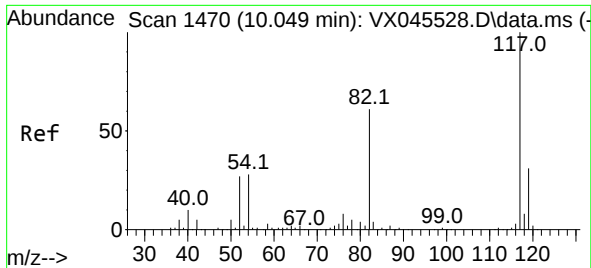
Tgt Ion: 43 Resp: 8625
Ion Ratio Lower Upper
43 100
58 18.1 24.9 74.6#



#62
4-Bromofluorobenzene
Concen: 53.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 95 Resp: 67427
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.9 0.0 131.4

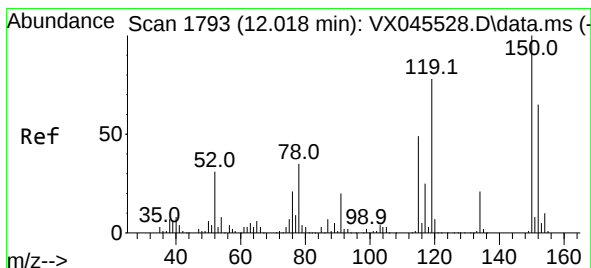
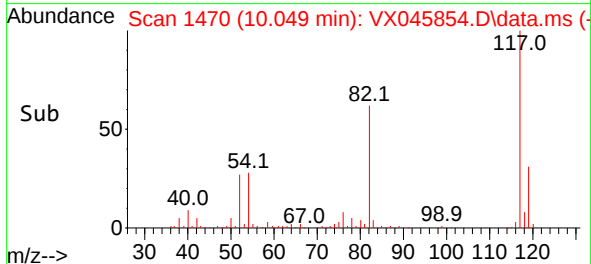
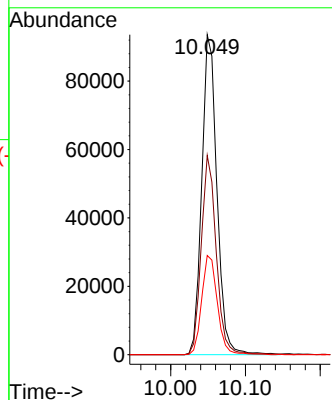
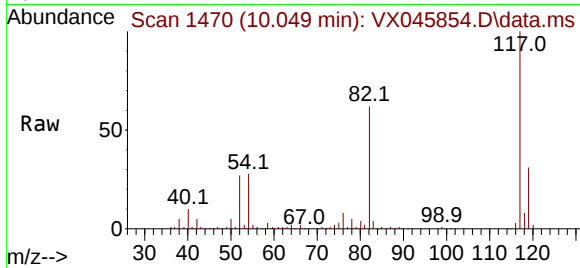




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

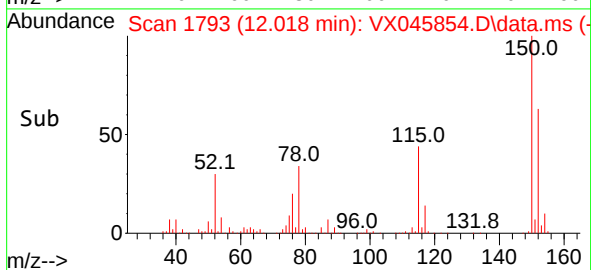
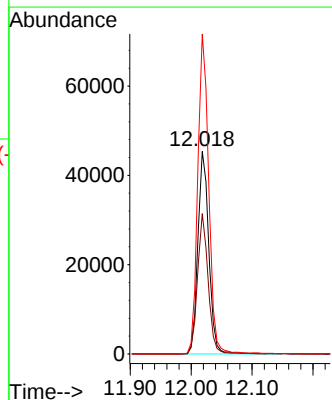
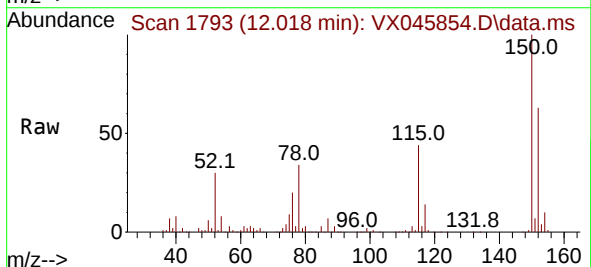
Instrument :
MSVOA_X
ClientSampleId :
RT4643

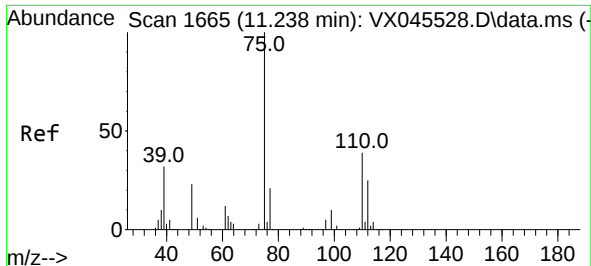
Tgt Ion:117 Resp: 131851
Ion Ratio Lower Upper
117 100
82 62.3 49.2 73.8
119 31.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion:152 Resp: 56638
Ion Ratio Lower Upper
152 100
115 67.2 46.9 140.7
150 157.2 0.0 349.4

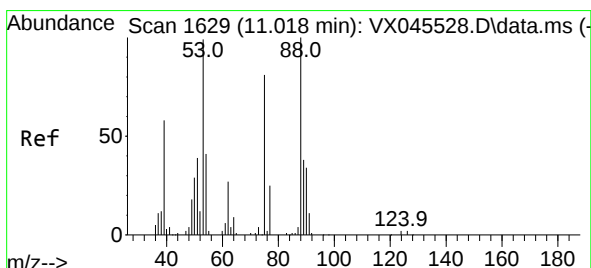
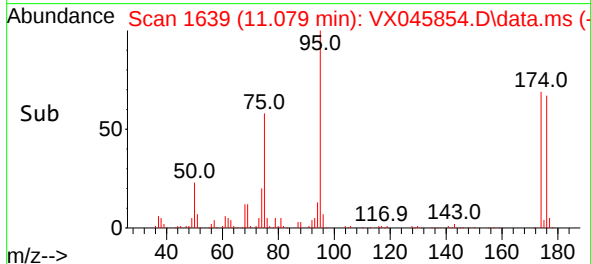
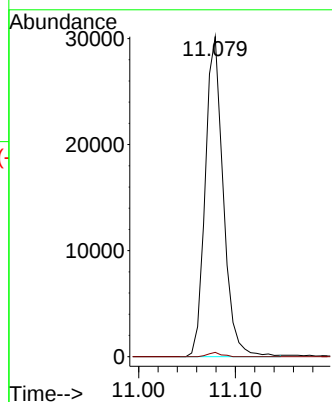
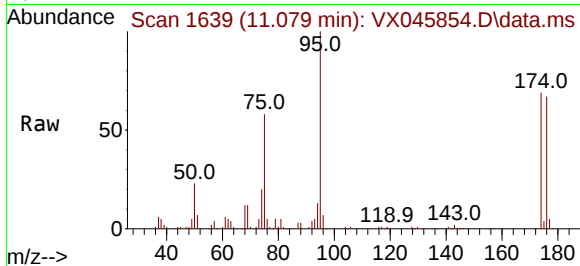




#76
1,2,3-Trichloropropane
Concen: 28.408 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Instrument :
MSVOA_X
ClientSampleId :
RT4643

Tgt Ion: 75 Resp: 39246
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045854.D
Acq: 18 Apr 2025 13:47

Tgt Ion: 75 Resp: 39246
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#

