

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044944.D
 Acq On : 12 Feb 2025 19:25
 Operator : JC/MD
 Sample : Q1356-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 13 00:54:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

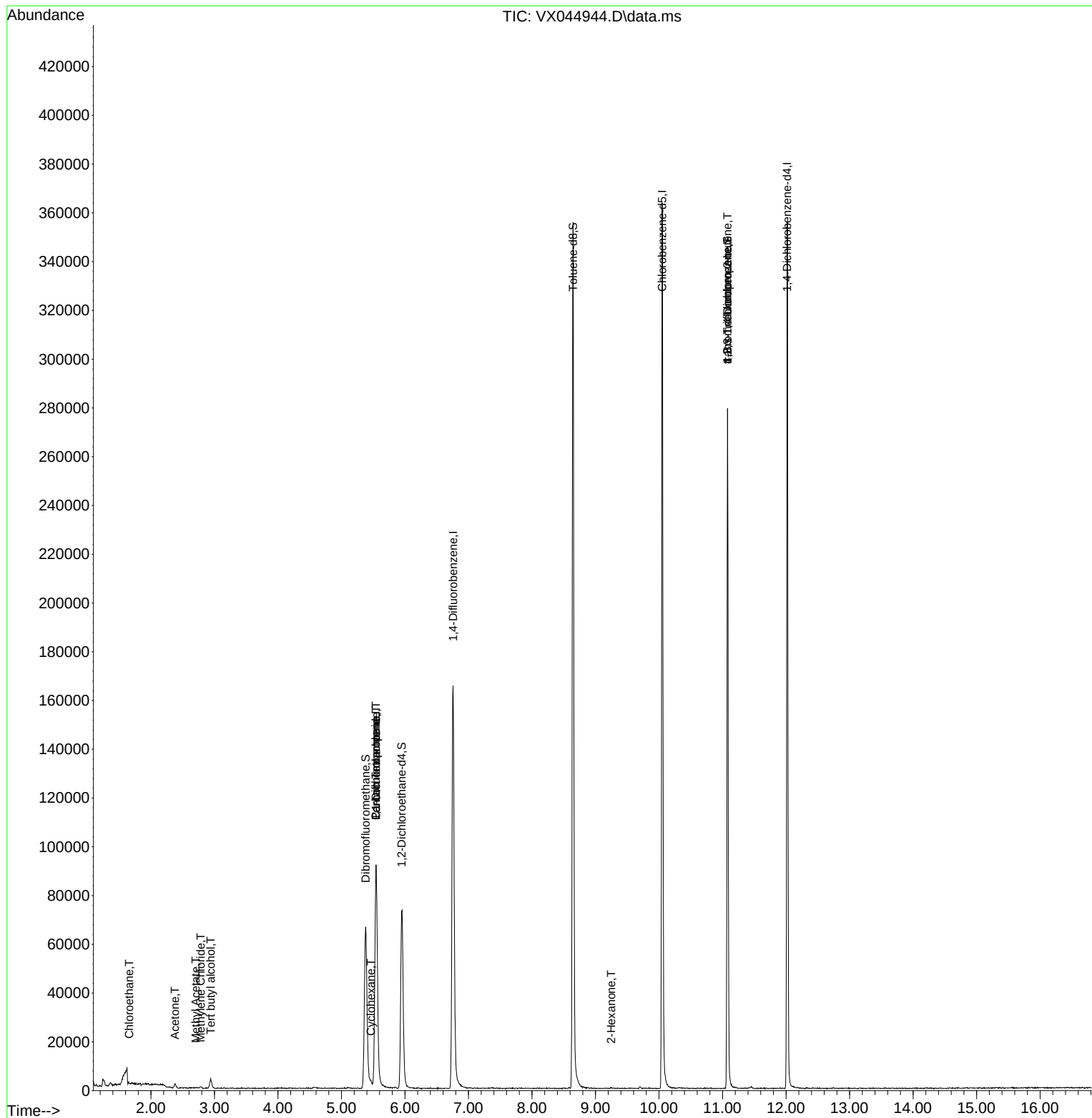
Internal Standards						
1) Pentafluorobenzene	5.544	168	86922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	176501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70371	55.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.620%	
35) Dibromofluoromethane	5.379	113	59152	51.546	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.100%	
50) Toluene-d8	8.647	98	218785	50.419	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.079	95	76089	52.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	27	1.380	ug/l #	42
11) Tert butyl alcohol	2.940	59	2241	9.494	ug/l #	73
16) Acetone	2.379	43	1715	3.353	ug/l	95
18) Methyl Acetate	2.703	43	485	0.300	ug/l #	52
20) Methylene Chloride	2.782	84	346	0.276	ug/l #	92
31) Cyclohexane	5.464	56	1578	0.799	ug/l #	88
36) 1,1-Dichloropropene	5.544	75	7441	4.494	ug/l #	47
38) Carbon Tetrachloride	5.544	117	9133	5.629	ug/l #	16
59) 2-Hexanone	9.244	43	311	0.239	ug/l #	24
76) 1,2,3-Trichloropropane	11.079	75	40112	26.976	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	40112	69.393	ug/l #	11

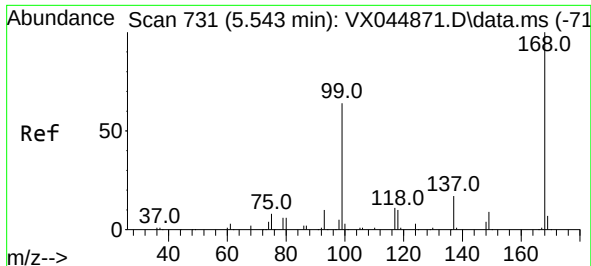
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
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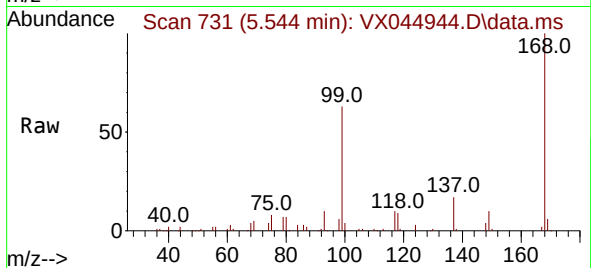


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

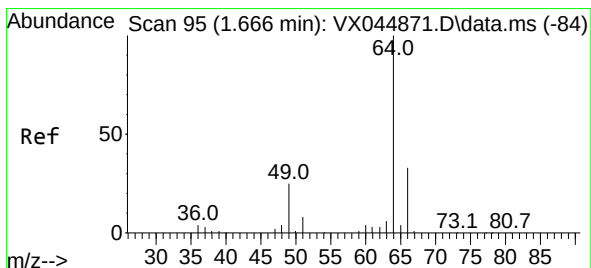
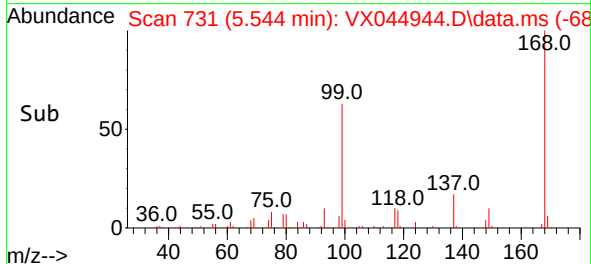
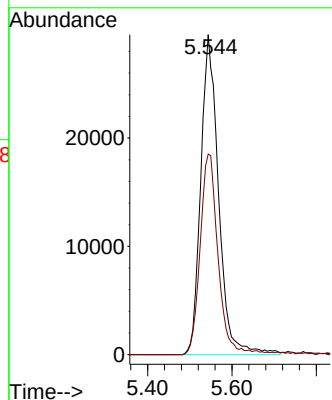
Instrument :

MSVOA_X

ClientSampleId :

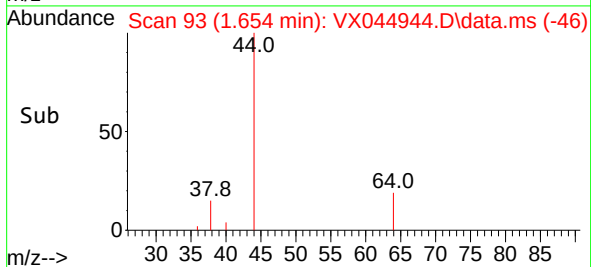
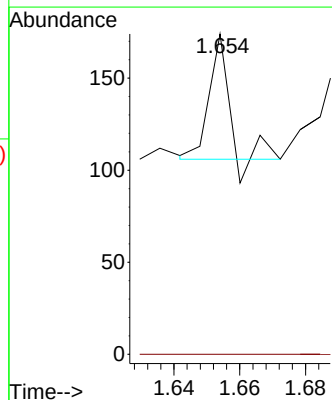
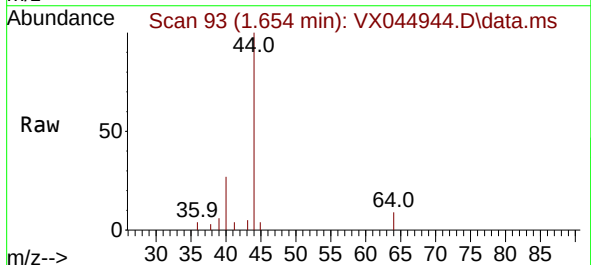


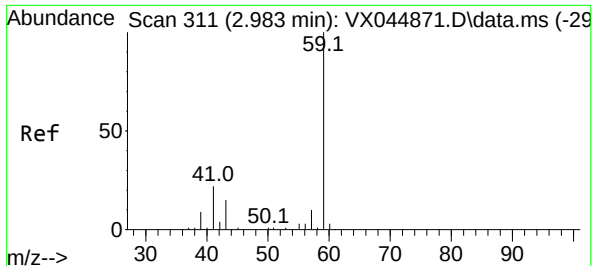
Tgt Ion:168 Resp: 86922
Ion Ratio Lower Upper
168 100
99 62.7 51.2 76.8



#6
Chloroethane
Concen: 1.380 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.012 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 64 Resp: 27
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 9.494 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.042 min

Lab File: VX044944.D

Acq: 12 Feb 2025 19:25

Instrument :

MSVOA_X

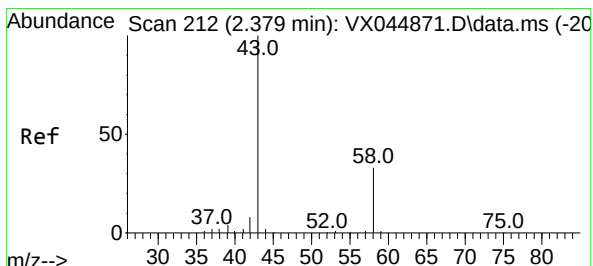
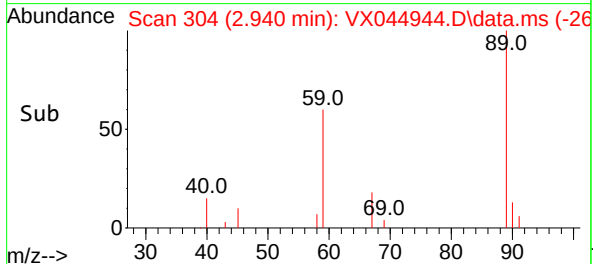
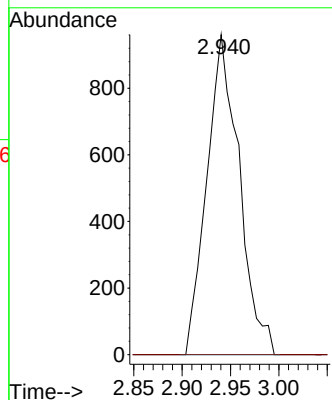
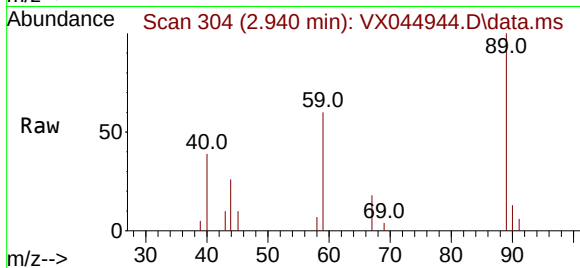
ClientSampleId :

Tgt Ion: 59 Resp: 2241

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.353 ug/l

RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044944.D

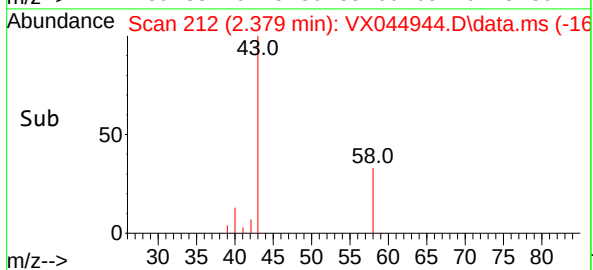
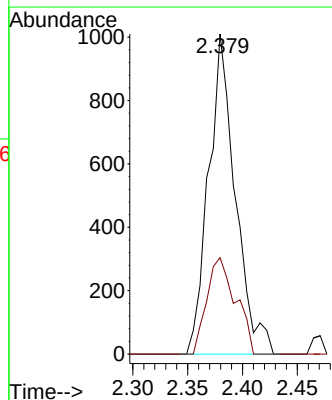
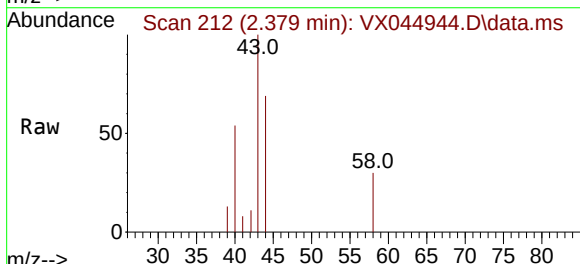
Acq: 12 Feb 2025 19:25

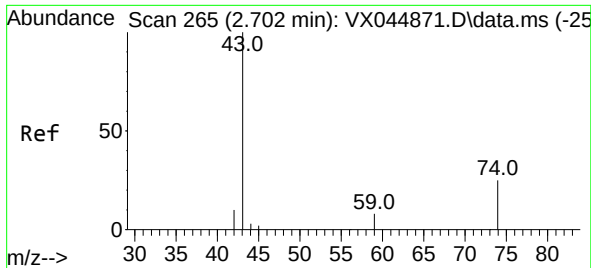
Tgt Ion: 43 Resp: 1715

Ion Ratio Lower Upper

43 100

58 30.1 26.5 39.7

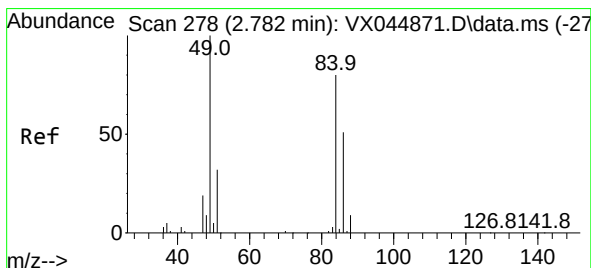
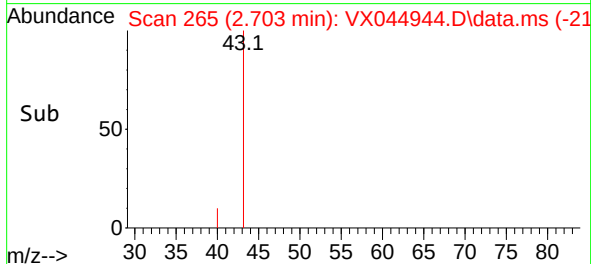
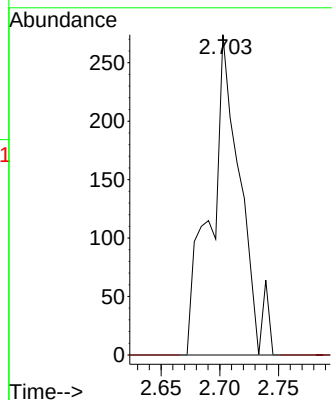
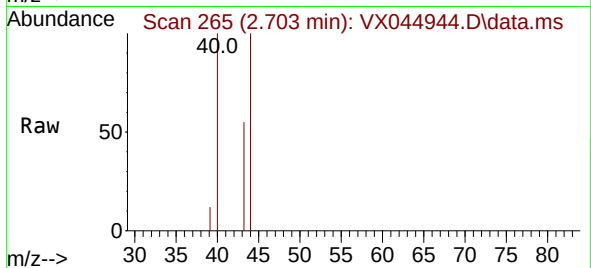




#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

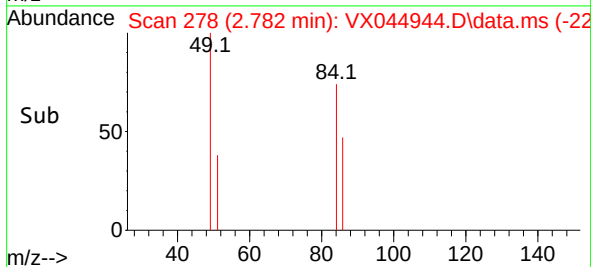
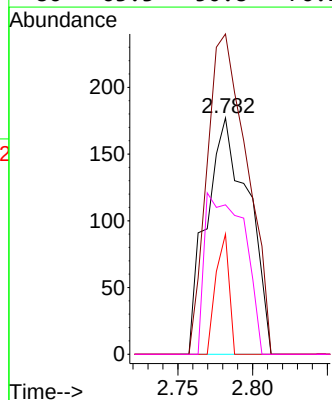
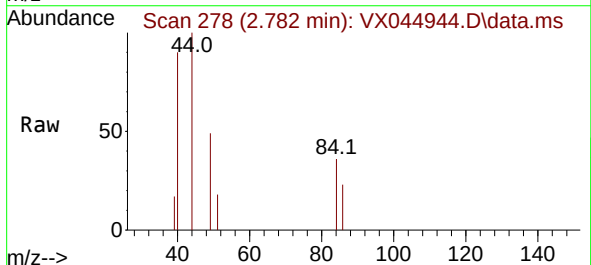
Instrument :
MSVOA_X
ClientSampleId :

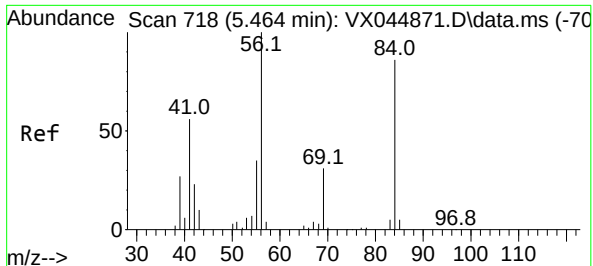
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
74 0.0 18.9 28.3#



#20
Methylene Chloride
Concen: 0.276 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 84 Resp: 346
Ion Ratio Lower Upper
84 100
49 135.6 100.1 150.1
51 50.8 31.7 47.5#
86 63.3 50.8 76.2

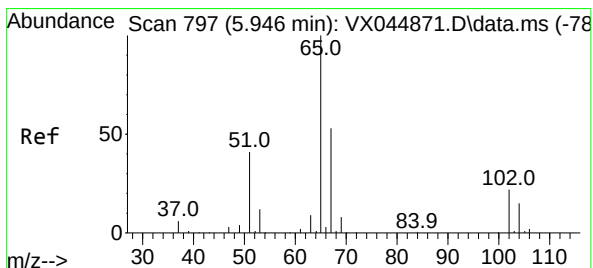
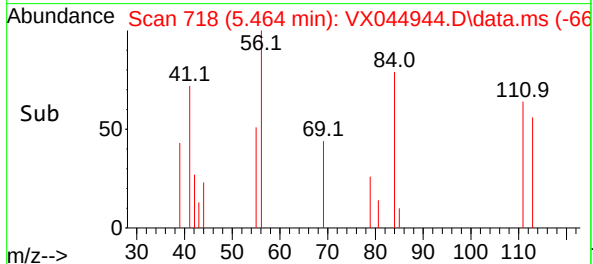
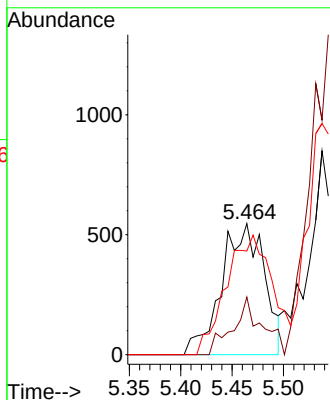
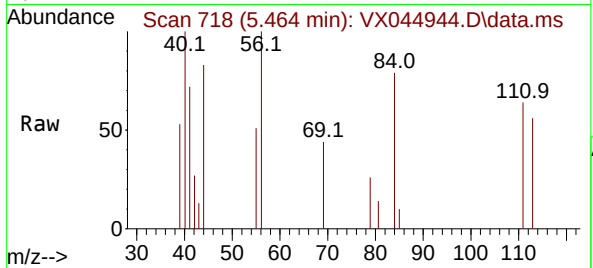




#31
Cyclohexane
Concen: 0.799 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

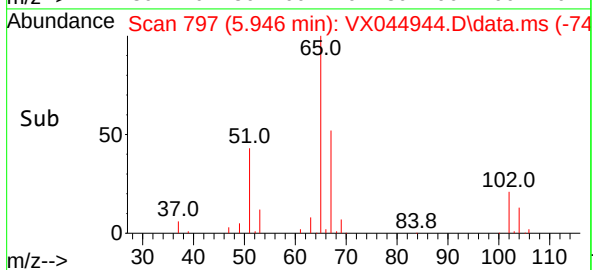
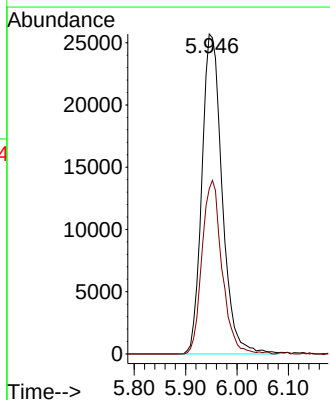
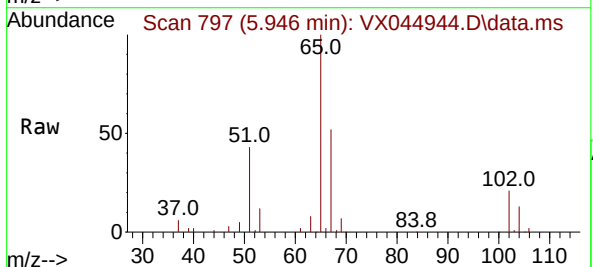
Instrument :
MSVOA_X
ClientSampleId :

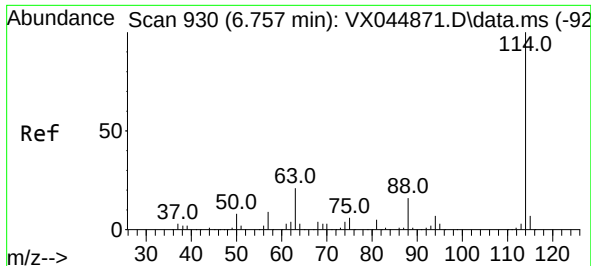
Tgt Ion: 56 Resp: 1578
Ion Ratio Lower Upper
56 100
69 44.0 24.4 36.6#
84 79.1 69.0 103.6



#33
1,2-Dichloroethane-d4
Concen: 55.307 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 65 Resp: 70371
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.2

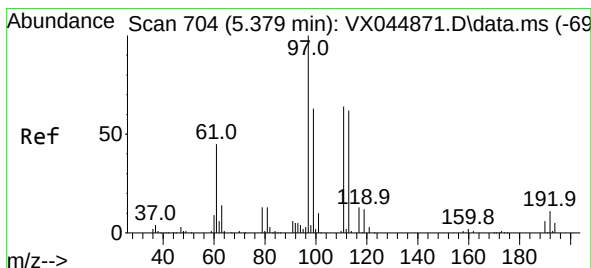
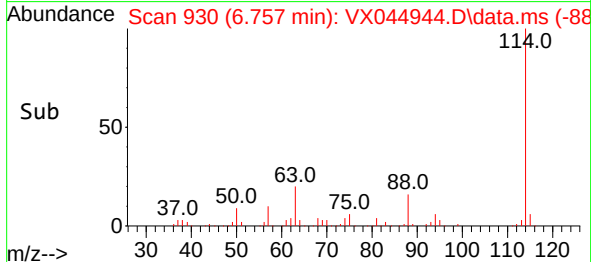
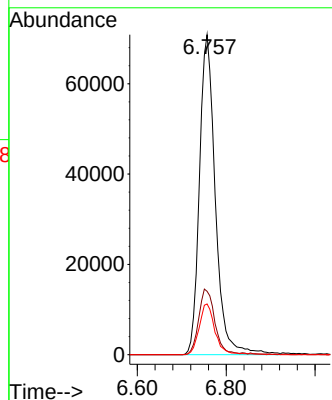
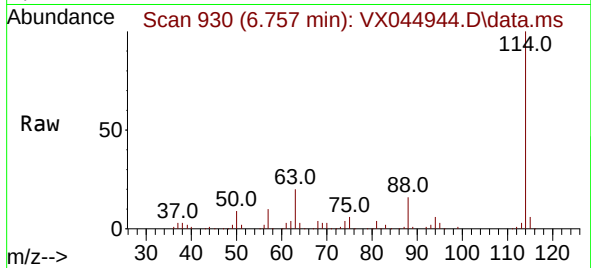




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

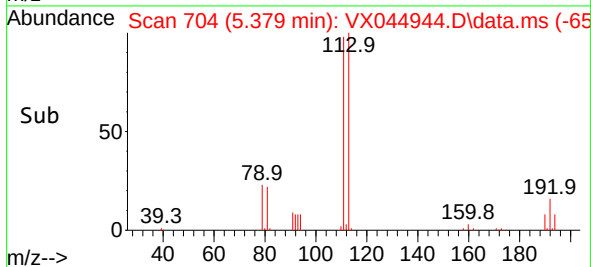
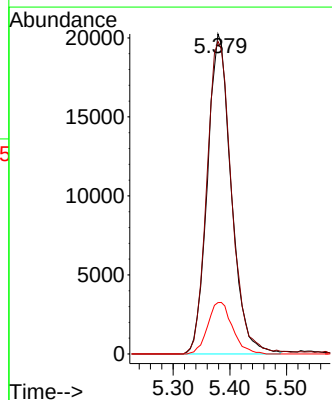
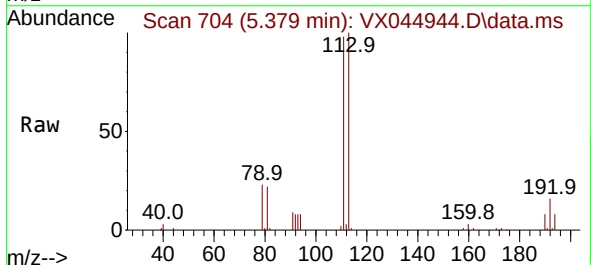
Instrument :
MSVOA_X
ClientSampleId :

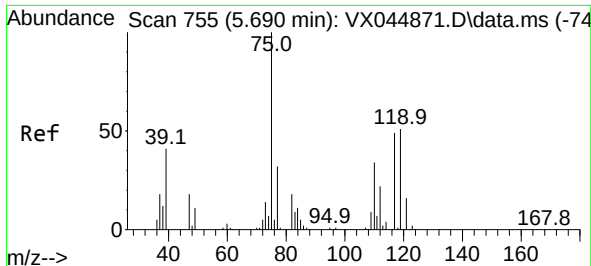
Tgt Ion:114 Resp: 176501
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion:113 Resp: 59152
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 16.7 14.4 21.6

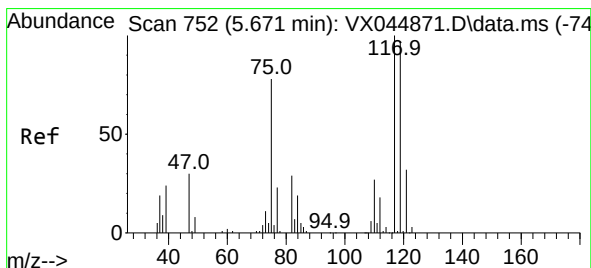
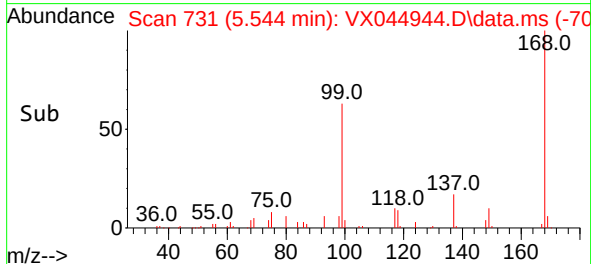
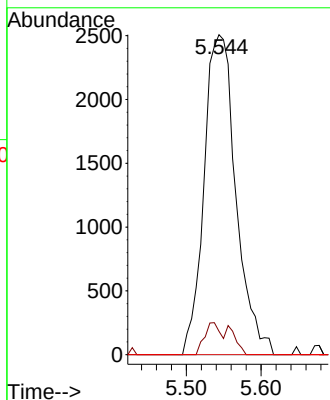
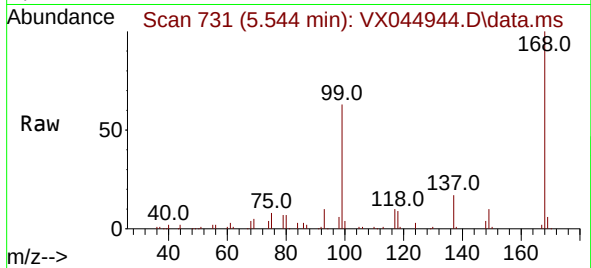




#36
 1,1-Dichloropropene
 Concen: 4.494 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX044944.D
 Acq: 12 Feb 2025 19:25

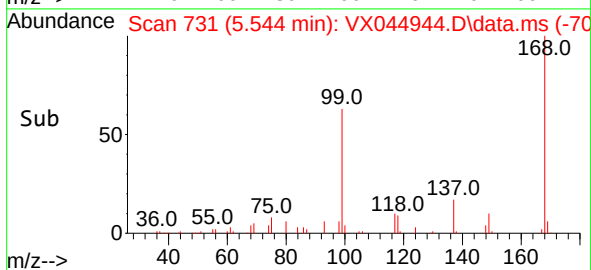
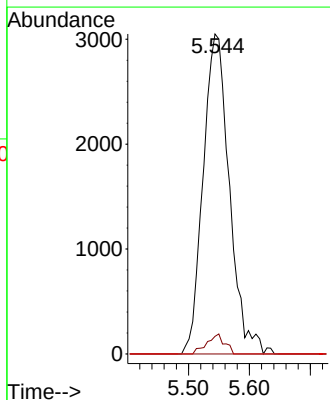
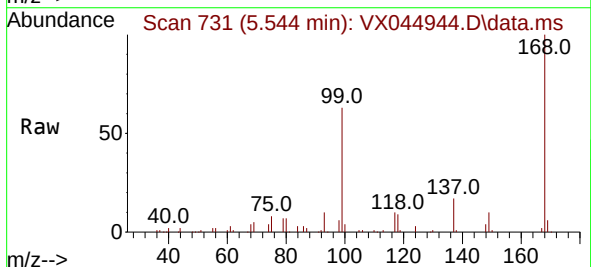
Instrument :
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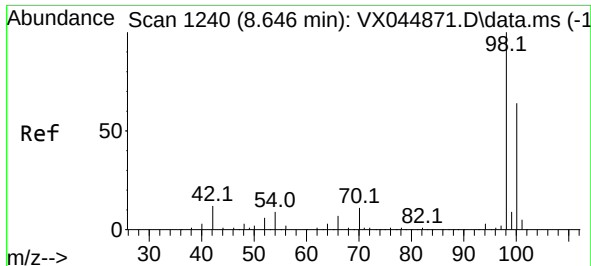
Tgt Ion: 75 Resp: 7441
 Ion Ratio Lower Upper
 75 100
 110 5.2 17.2 51.6#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 5.629 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044944.D
 Acq: 12 Feb 2025 19:25

Tgt Ion: 117 Resp: 9133
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.5 116.3#
 121 0.0 25.6 38.4#

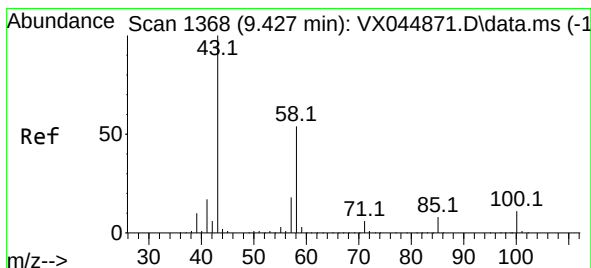
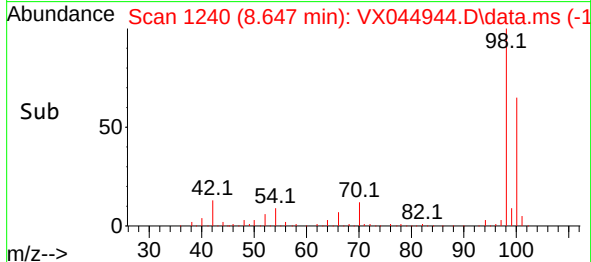
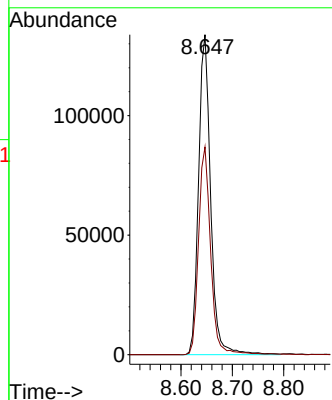
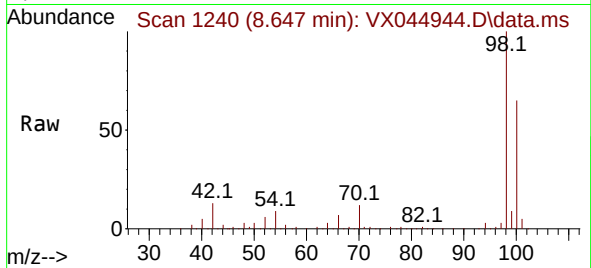




#50
Toluene-d8
Concen: 50.419 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

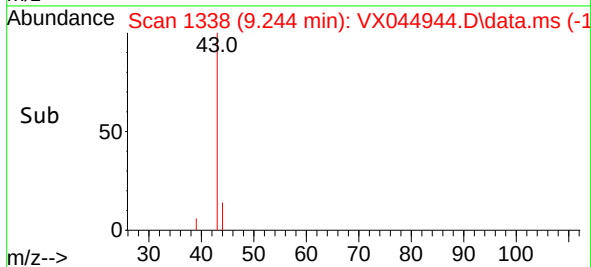
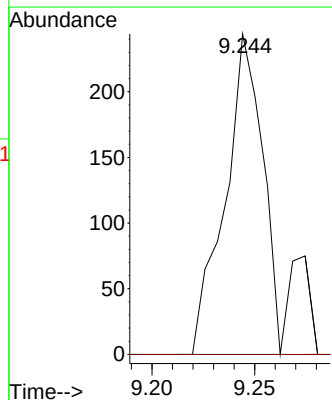
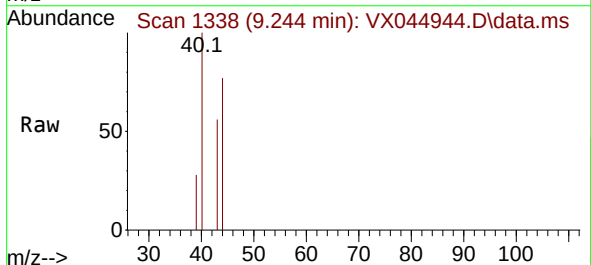
Instrument :
MSVOA_X
ClientSampleId :

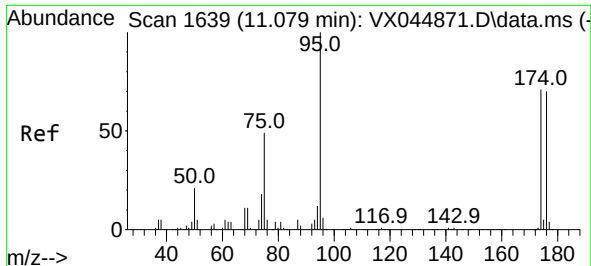
Tgt Ion: 98 Resp: 218785
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#59
2-Hexanone
Concen: 0.239 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.183 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 27.5 82.4#

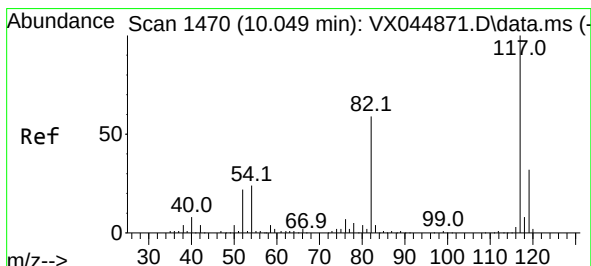
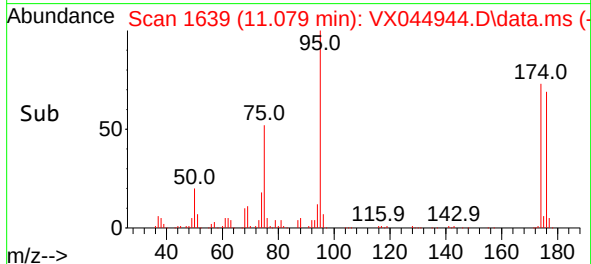
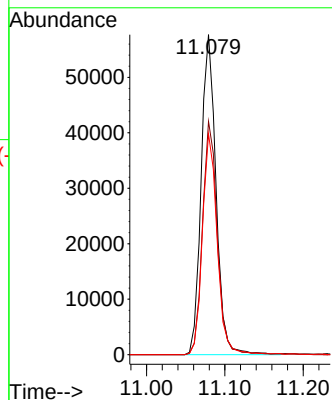
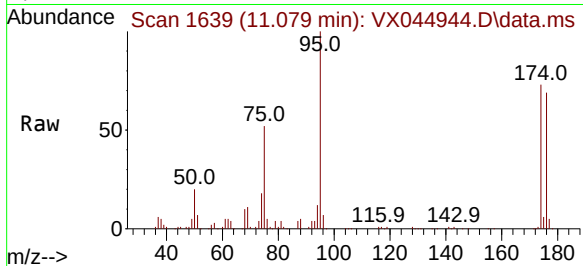




#62
4-Bromofluorobenzene
Concen: 52.013 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

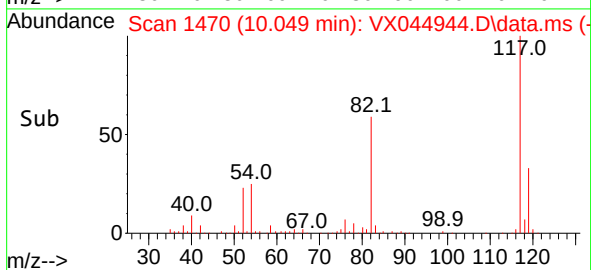
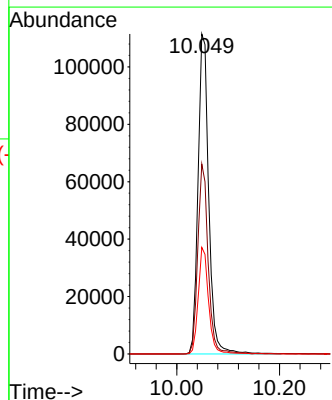
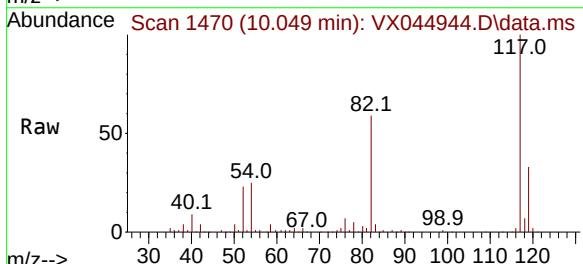
Instrument :
MSVOA_X
ClientSampleId :

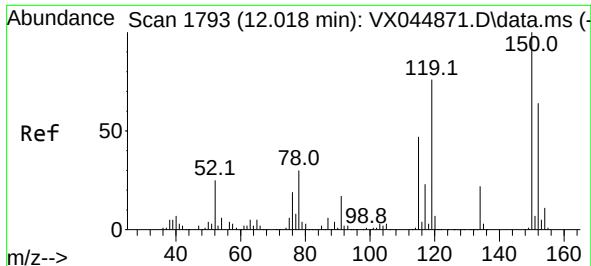
Tgt Ion: 95 Resp: 76089
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 69.1 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044944.D
Acq: 12 Feb 2025 19:25

Tgt Ion: 117 Resp: 161108
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 33.3 25.4 38.0

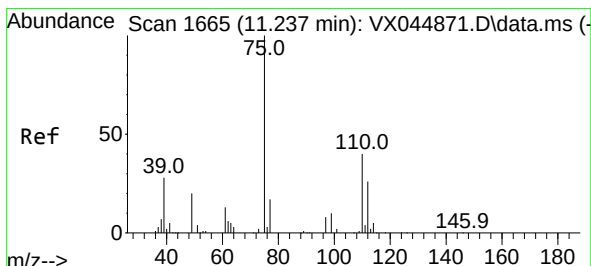
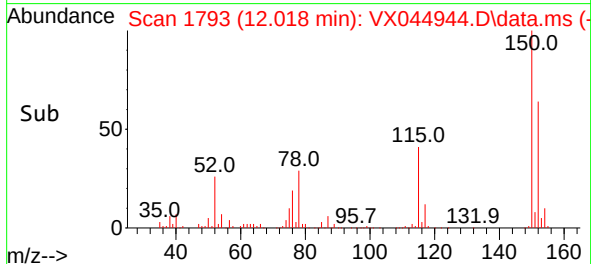
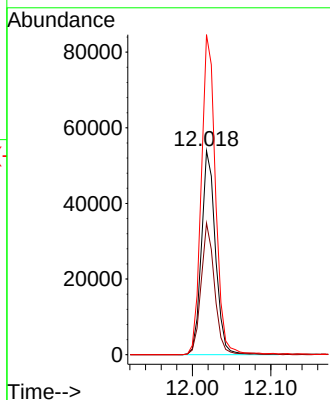
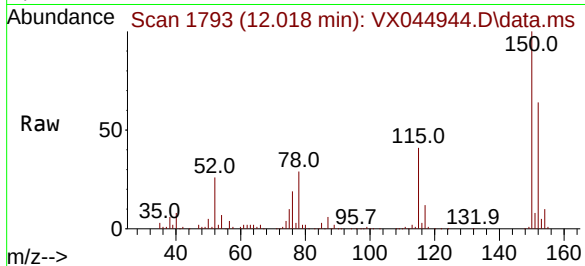




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044944.D
 Acq: 12 Feb 2025 19:25

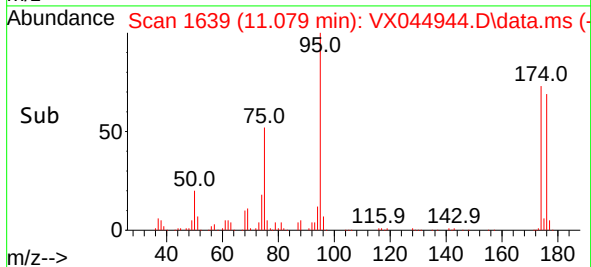
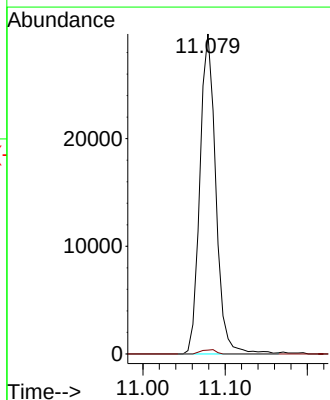
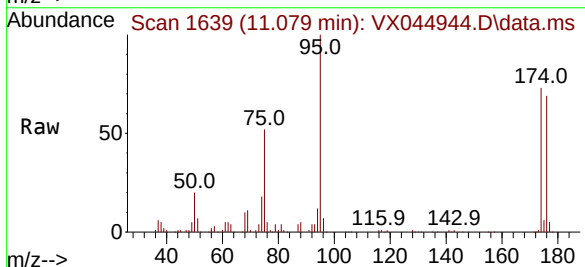
Instrument :
 MSVOA_X
 ClientSampleId :

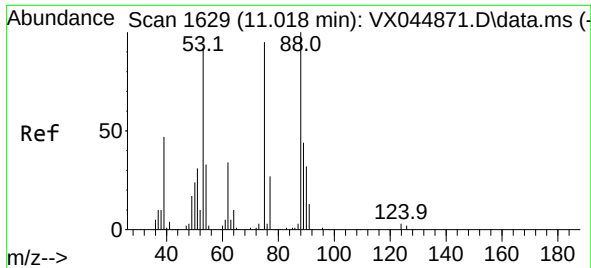
Tgt Ion:152 Resp: 67066
 Ion Ratio Lower Upper
 152 100
 115 62.0 43.4 130.1
 150 159.4 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 26.976 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX044944.D
 Acq: 12 Feb 2025 19:25

Tgt Ion: 75 Resp: 40112
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.9 65.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.393 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044944.D
 Acq: 12 Feb 2025 19:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 40112
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 36.6 54.8#

