

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045264.D
 Acq On : 13 Mar 2025 13:14
 Operator : JC/MD
 Sample : Q1526-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:28:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

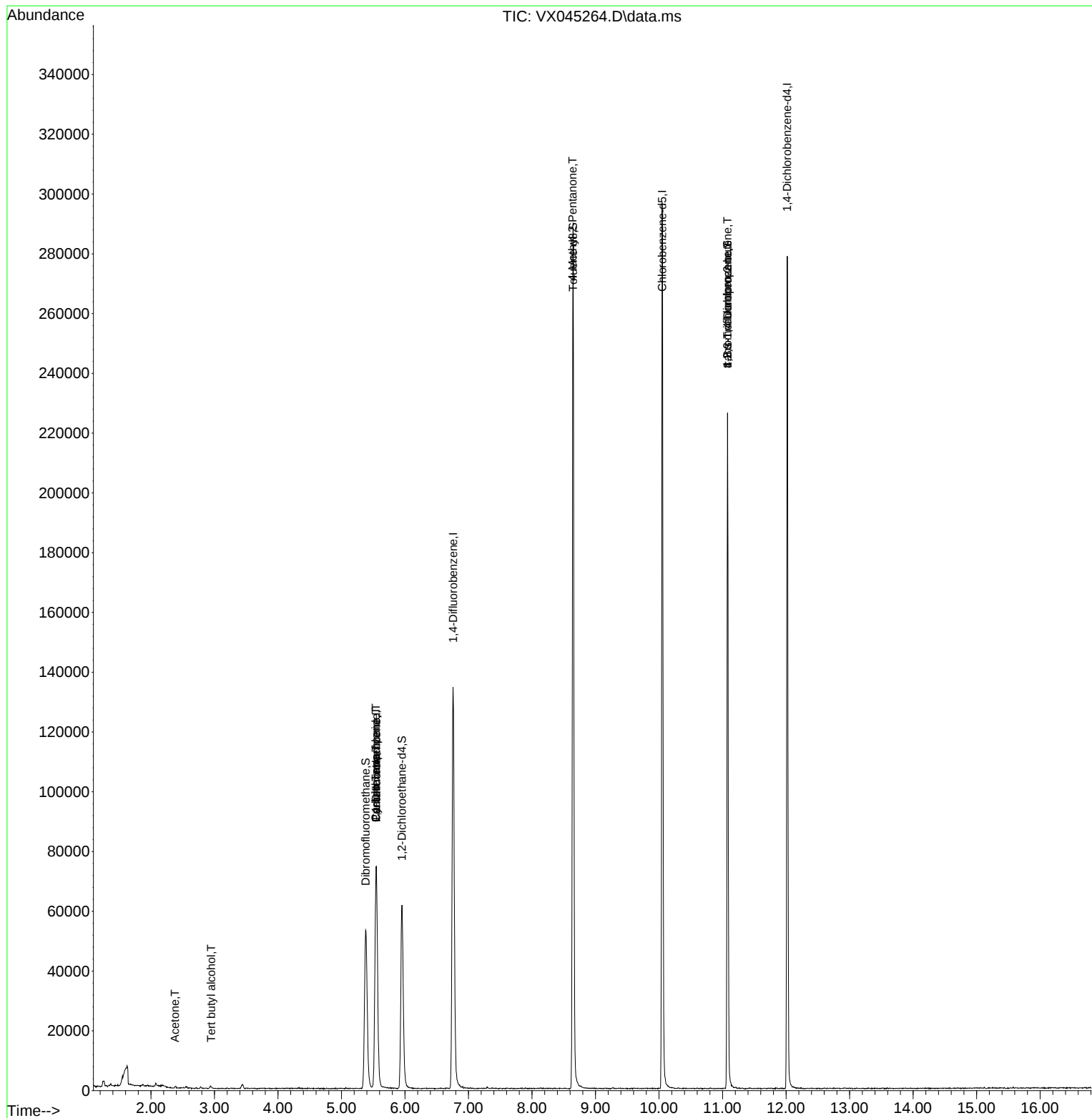
Internal Standards						
1) Pentafluorobenzene	5.550	168	69522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59461	53.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	5.379	113	47080	52.266	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.540%	
50) Toluene-d8	8.647	98	168168	51.496	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	11.079	95	58442	54.006	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	295	1.408	ug/l #	73
16) Acetone	2.379	43	545	1.062	ug/l #	44
31) Cyclohexane	5.544	56	1906	1.267	ug/l #	16
36) 1,1-Dichloropropene	5.544	75	6071	4.915	ug/l #	48
38) Carbon Tetrachloride	5.544	117	7406	5.905	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	945	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32080	26.918	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32080	92.118	ug/l #	6

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

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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

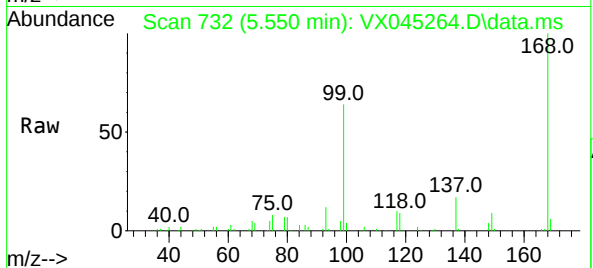
Quant Time: Mar 14 12:28:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
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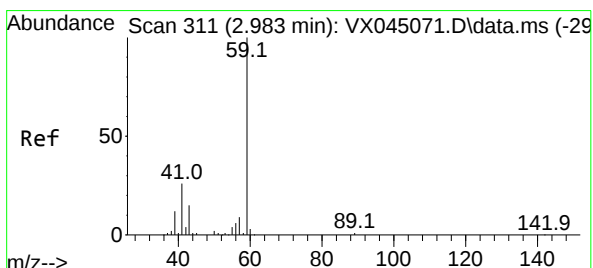
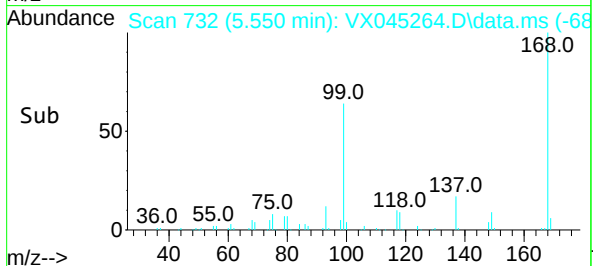
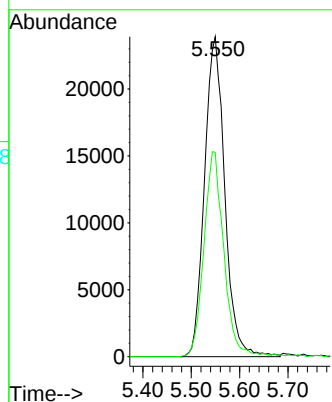


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :

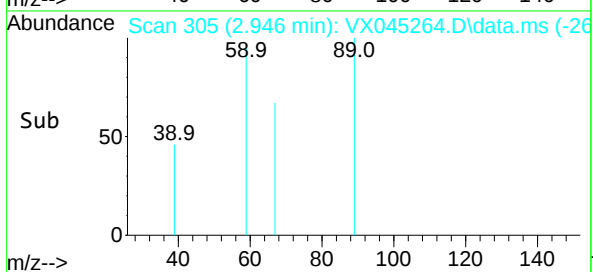
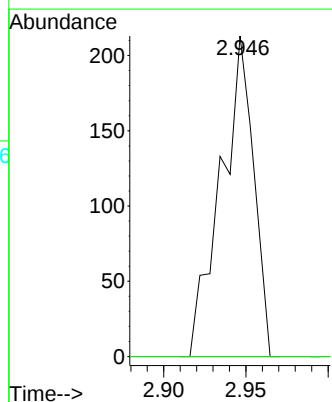
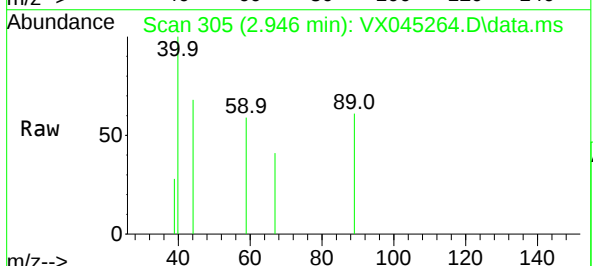


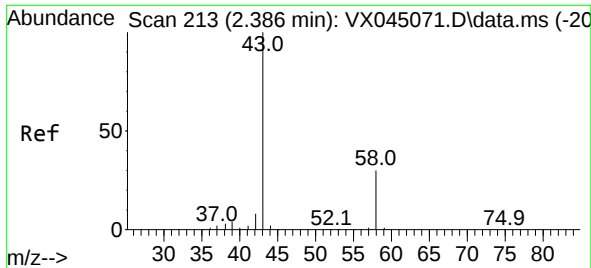
Tgt Ion:168 Resp: 69522
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

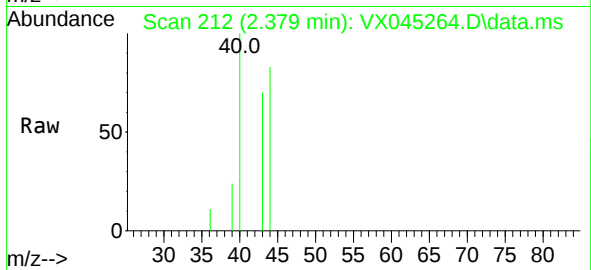
Tgt Ion: 59 Resp: 295
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



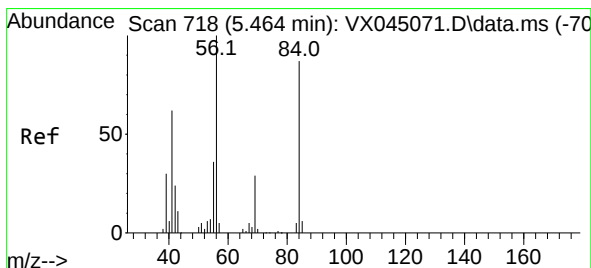
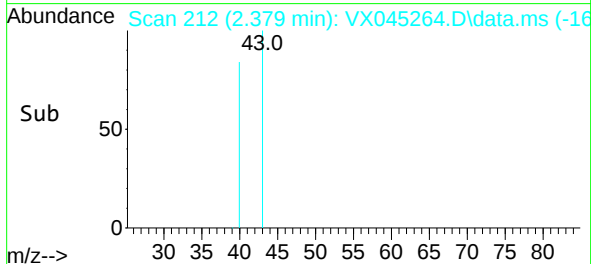
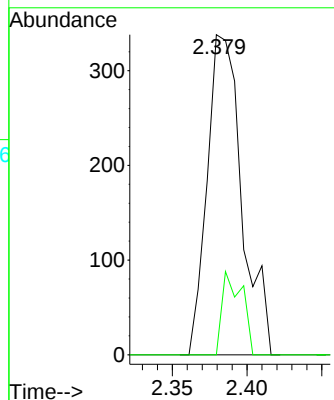


#16
Acetone
Concen: 1.062 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :

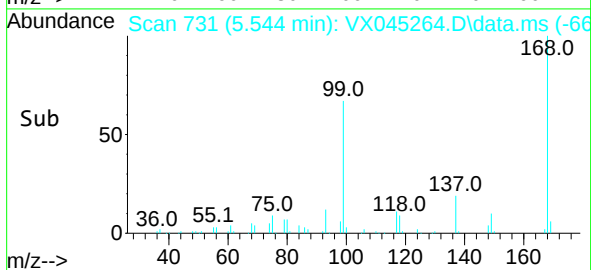
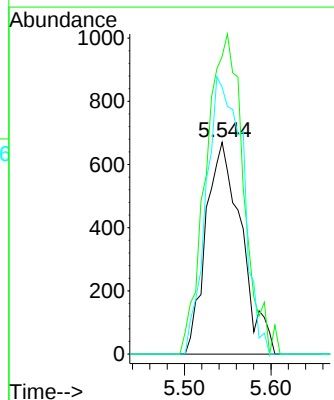
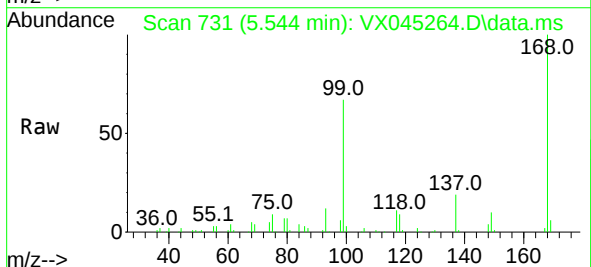


Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#31
Cyclohexane
Concen: 1.267 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Tgt Ion: 56 Resp: 1906
Ion Ratio Lower Upper
56 100
69 140.6 23.4 35.2#
84 126.0 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 53.770 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045264.D

Acq: 13 Mar 2025 13:14

Instrument :

MSVOA_X

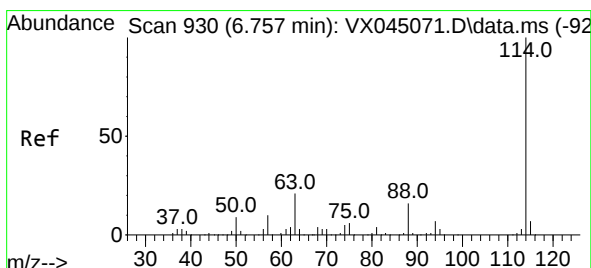
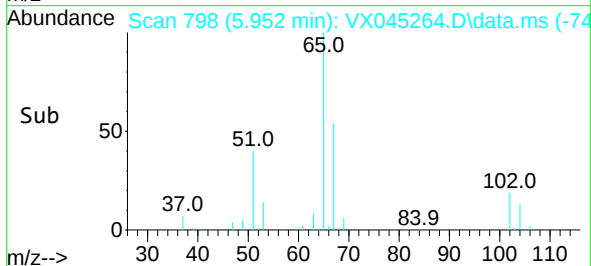
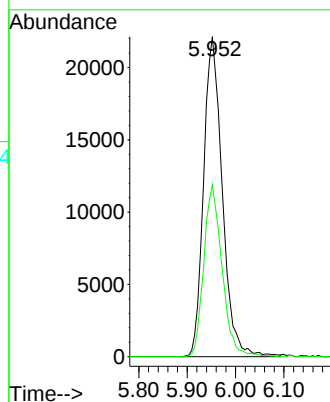
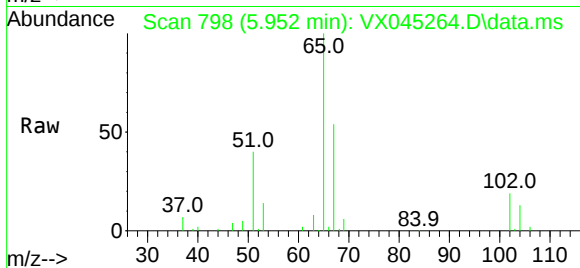
ClientSampleId :

Tgt Ion: 65 Resp: 59461

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045264.D

Acq: 13 Mar 2025 13:14

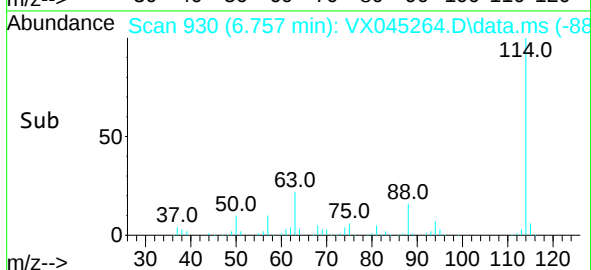
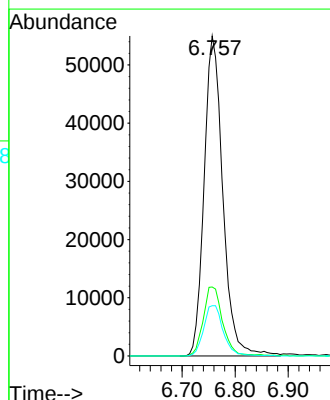
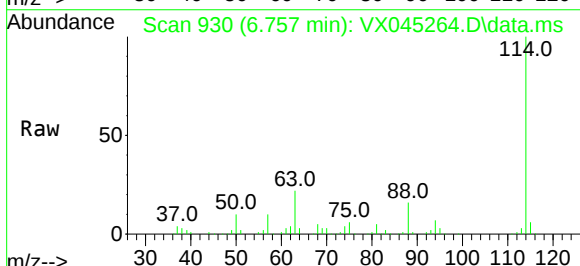
Tgt Ion: 114 Resp: 134711

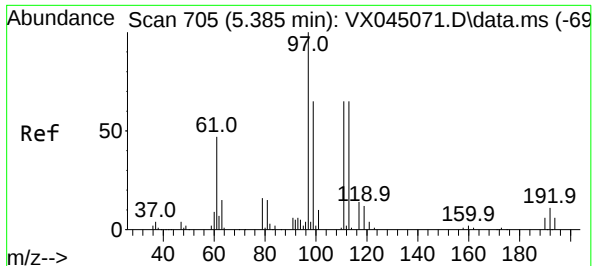
Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.8

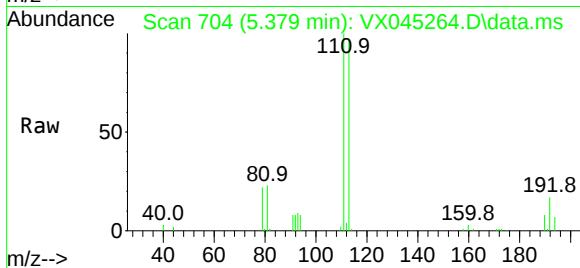
88 15.7 0.0 32.8



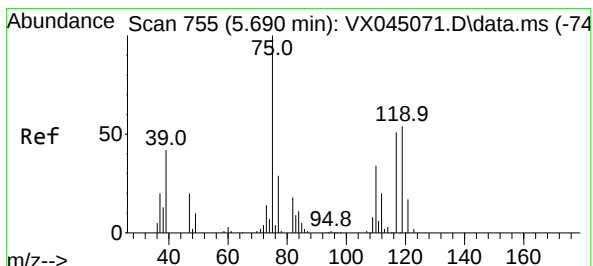
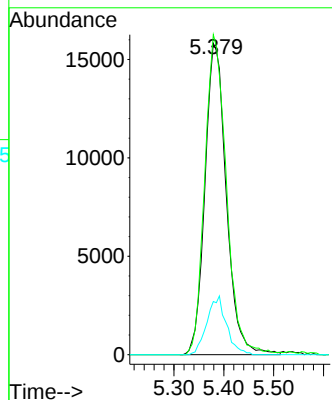
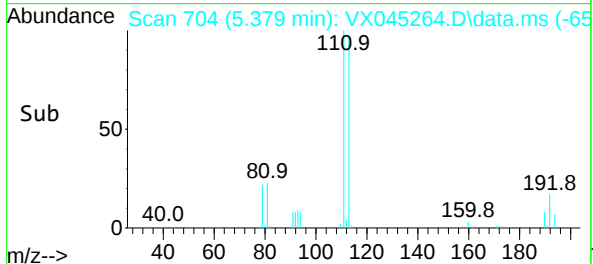


#35
Dibromofluoromethane
Concen: 52.266 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :

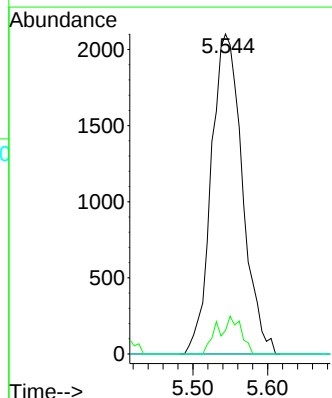
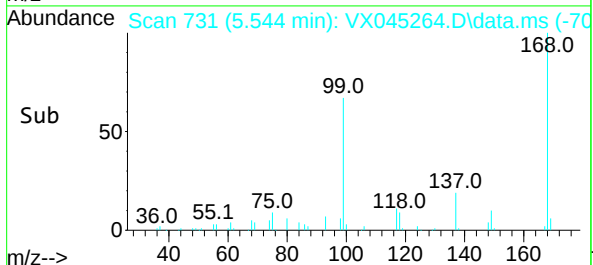
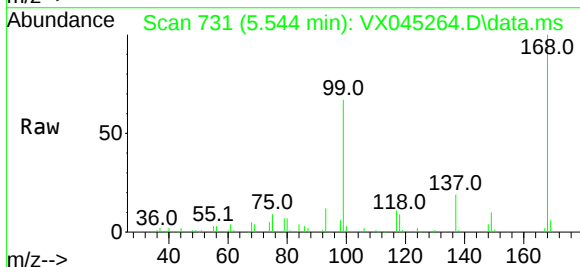


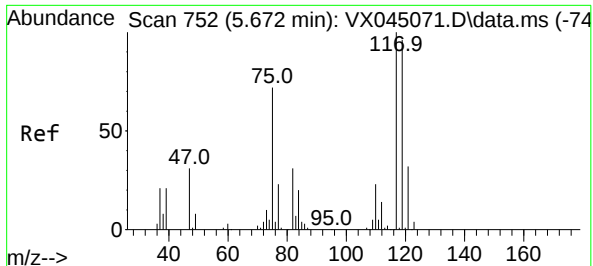
Tgt Ion:113 Resp: 47080
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 17.2 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.915 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

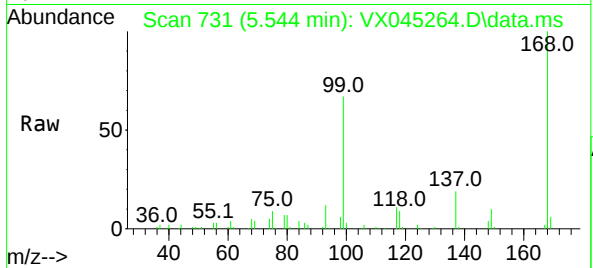
Tgt Ion: 75 Resp: 6071
Ion Ratio Lower Upper
75 100
110 5.9 16.9 50.6#
77 0.0 24.5 36.7#



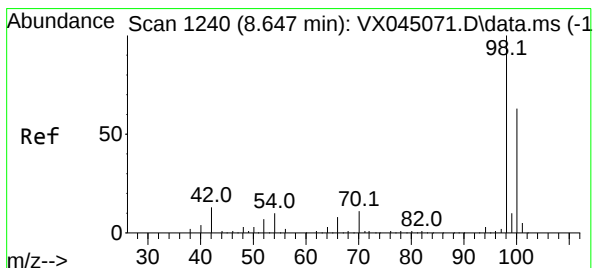
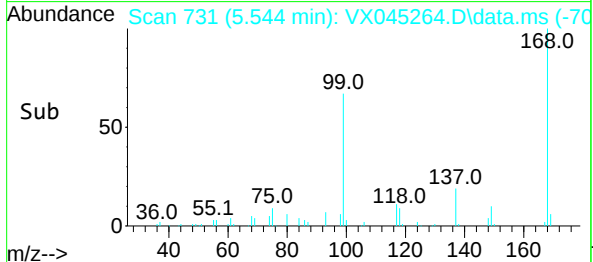
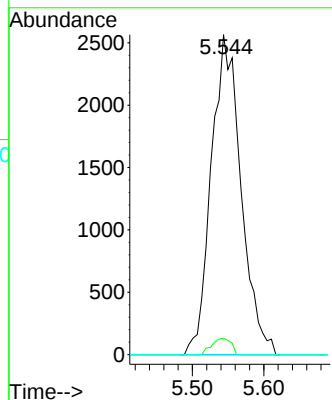


#38
Carbon Tetrachloride
Concen: 5.905 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Instrument :
MSVOA_X
ClientSampleId :

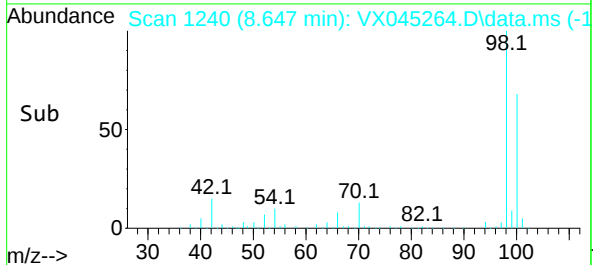
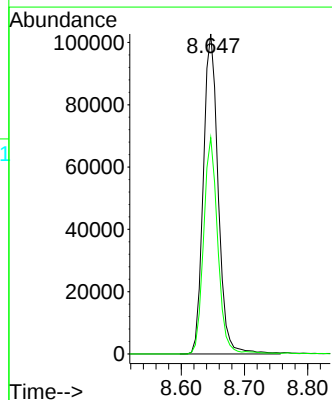
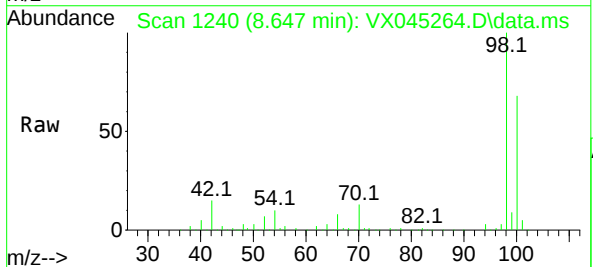


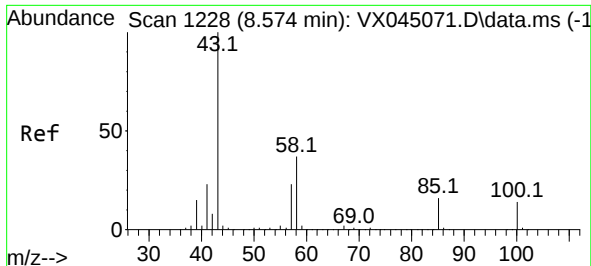
Tgt Ion:117 Resp: 7406
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Tgt Ion: 98 Resp: 168168
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

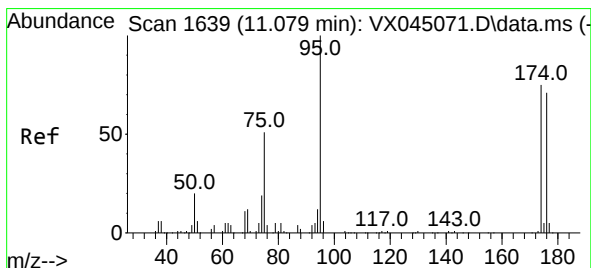
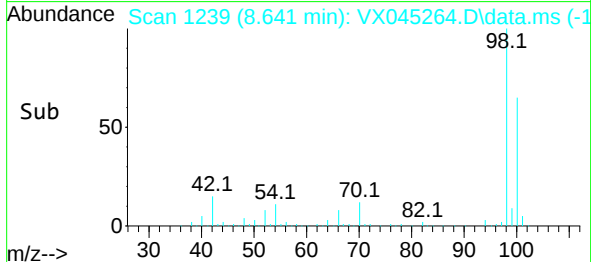
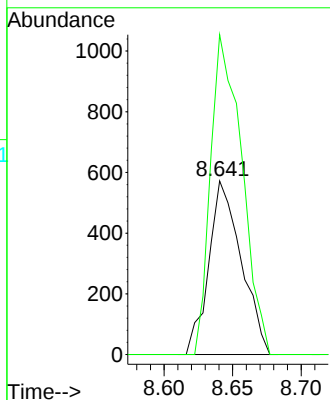
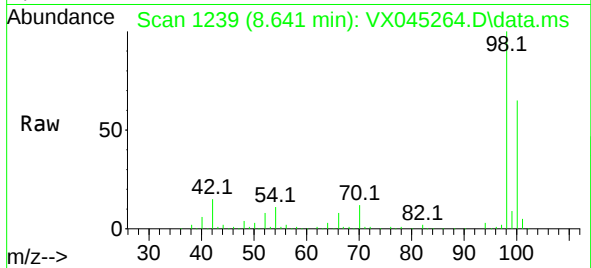




#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

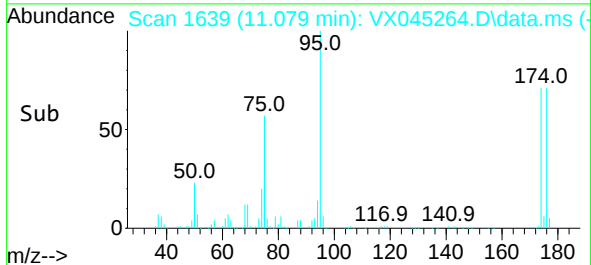
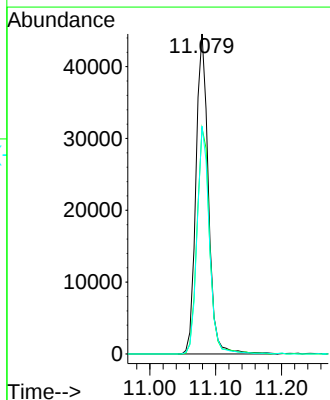
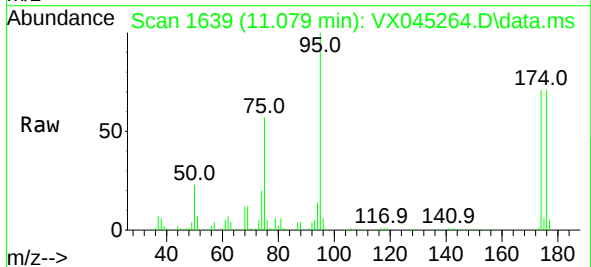
Instrument :
MSVOA_X
ClientSampleId :

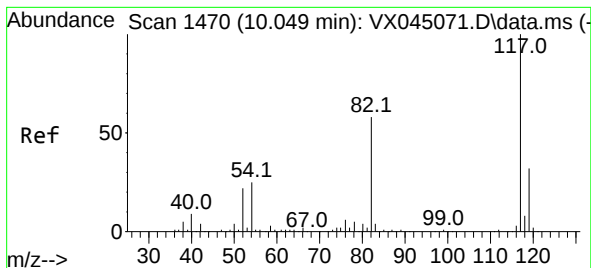
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 177.4 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.006 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Tgt Ion: 95 Resp: 58442
Ion Ratio Lower Upper
95 100
174 71.8 0.0 148.2
176 70.2 0.0 141.4

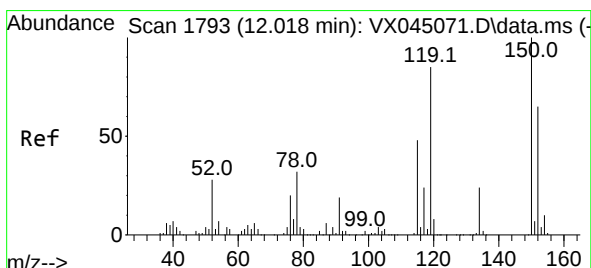
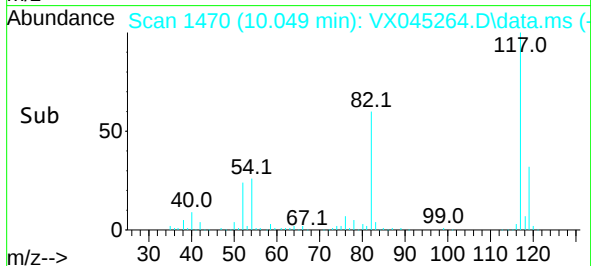
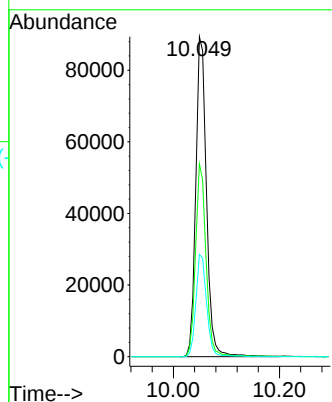
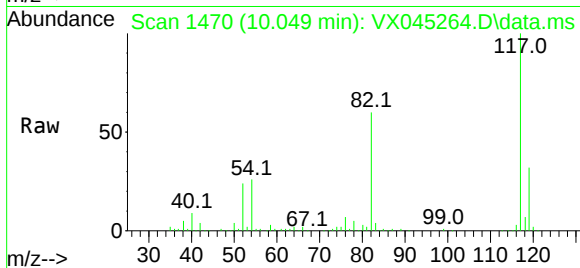




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

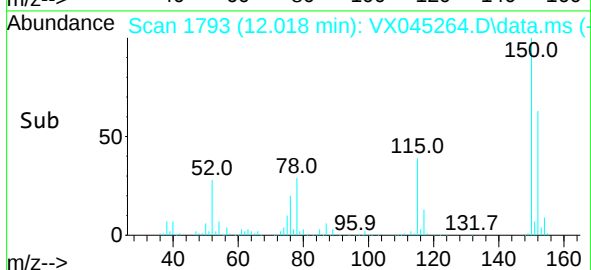
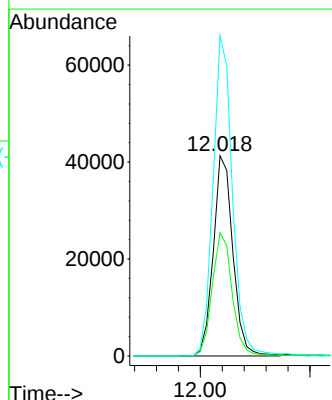
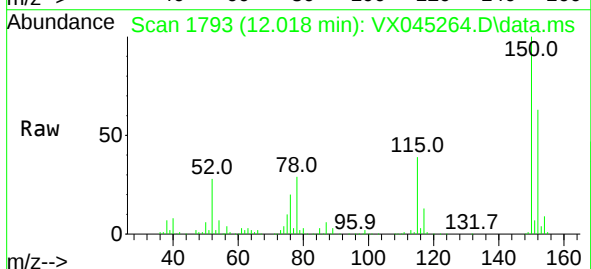
Instrument :
MSVOA_X
ClientSampleId :

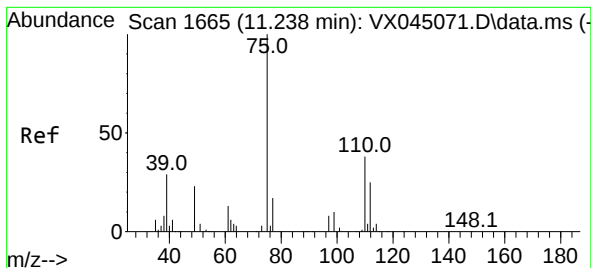
Tgt Ion:117 Resp: 125045
Ion Ratio Lower Upper
117 100
82 60.2 46.3 69.5
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045264.D
Acq: 13 Mar 2025 13:14

Tgt Ion:152 Resp: 51204
Ion Ratio Lower Upper
152 100
115 62.9 44.2 132.6
150 159.6 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 26.918 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045264.D

Acq: 13 Mar 2025 13:14

Instrument :

MSVOA_X

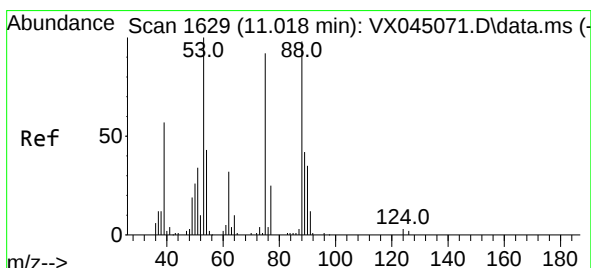
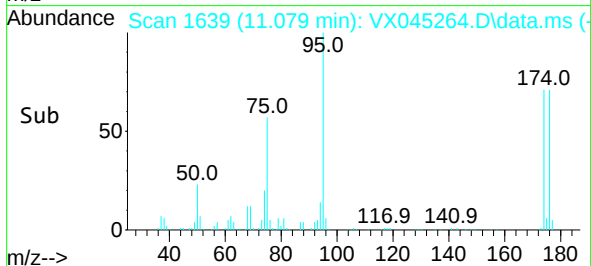
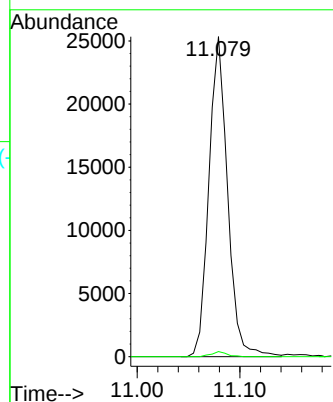
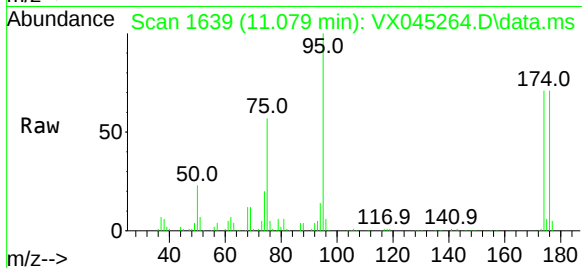
ClientSampleId :

Tgt Ion: 75 Resp: 32080

Ion Ratio Lower Upper

75 100

77 1.3 20.7 62.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 92.118 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045264.D

Acq: 13 Mar 2025 13:14

Tgt Ion: 75 Resp: 32080

Ion Ratio Lower Upper

75 100

53 0.0 88.5 132.7#

89 0.0 36.2 54.4#

