

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048022.D
 Acq On : 06 Oct 2025 14:28
 Operator : JC/MD
 Sample : Q3201-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Quant Time: Oct 07 02:14:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

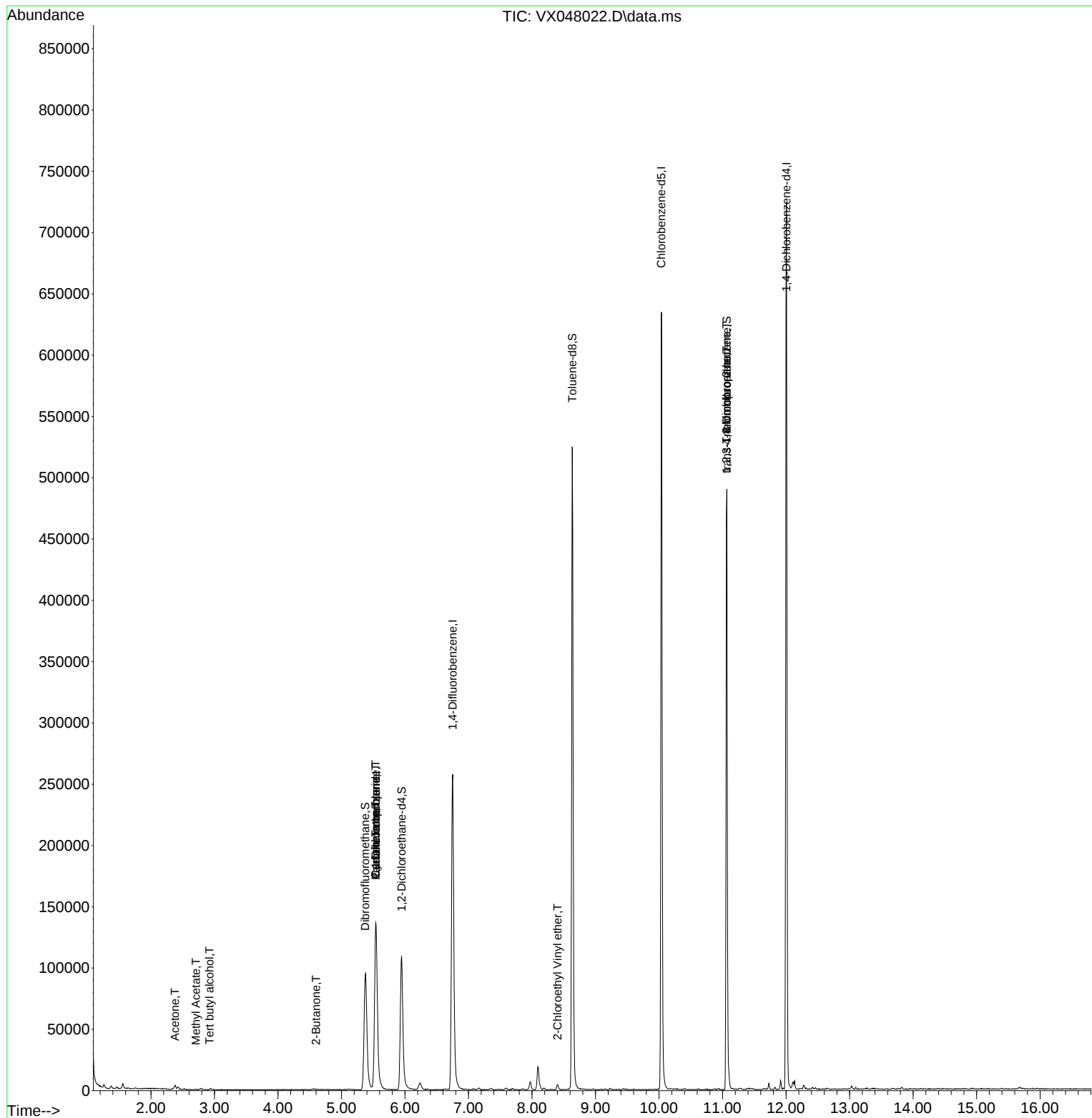
Internal Standards						
1) Pentafluorobenzene	5.544	168	136606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	279650	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	291369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	151792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	119135	54.789	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.580%	
35) Dibromofluoromethane	5.373	113	92127	49.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.240%	
50) Toluene-d8	8.635	98	317920	48.989	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.980%	
62) 4-Bromofluorobenzene	11.067	95	140709	57.131	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.922	59	127	0.524	ug/l #	72
16) Acetone	2.380	43	4399	4.653	ug/l #	84
18) Methyl Acetate	2.709	43	545	0.259	ug/l #	54
25) 2-Butanone	4.599	43	439	0.372	ug/l #	50
31) Cyclohexane	5.538	56	3101	1.079	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	11619	4.240	ug/l #	49
38) Carbon Tetrachloride	5.538	117	15081	5.065	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.403	63	46	7.923	ug/l #	47
76) 1,2,3-Trichloropropane	11.061	75	73554	23.933	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73554	61.033	ug/l #	8

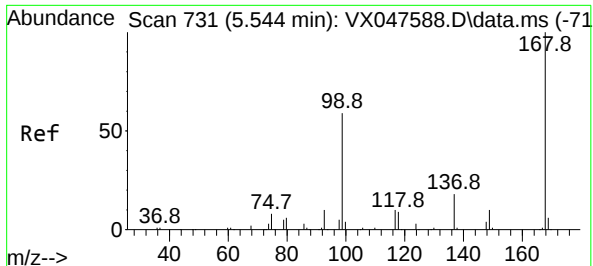
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
Data File : VX048022.D
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ALS Vial : 15 Sample Multiplier: 1

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MSVOA_X
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MW10

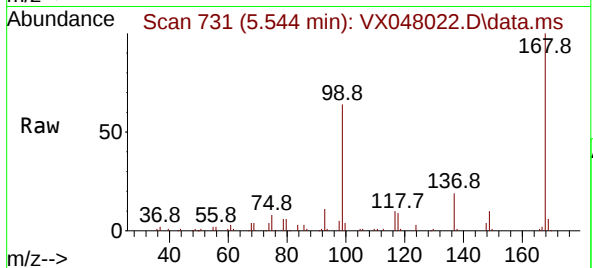
Quant Time: Oct 07 02:14:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



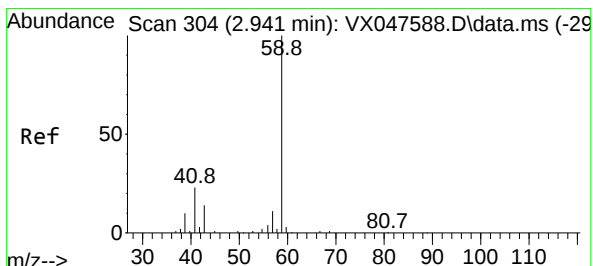
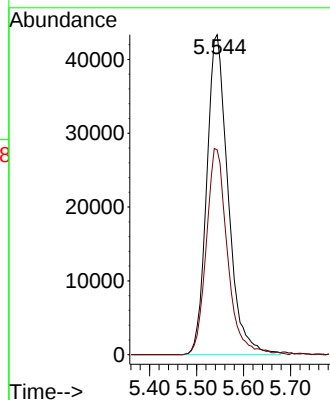
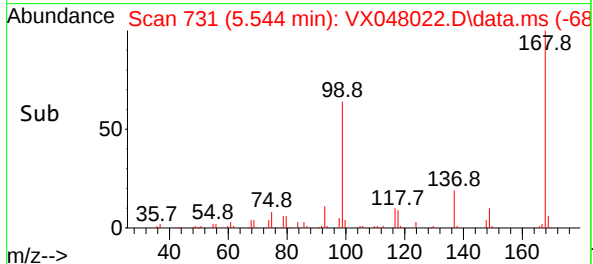


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

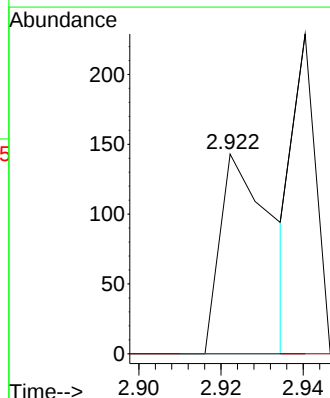
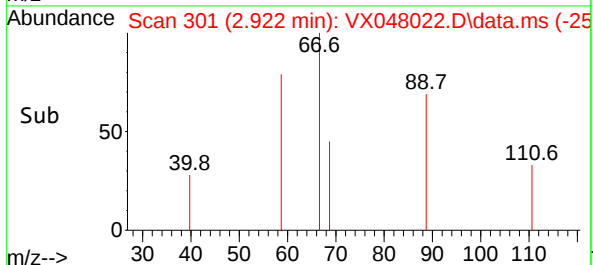
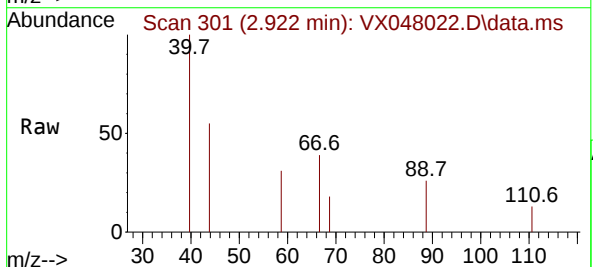


Tgt Ion:168 Resp: 136606
Ion Ratio Lower Upper
168 100
99 64.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.524 ug/l
RT: 2.922 min Scan# 301
Delta R.T. -0.018 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 59 Resp: 127
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

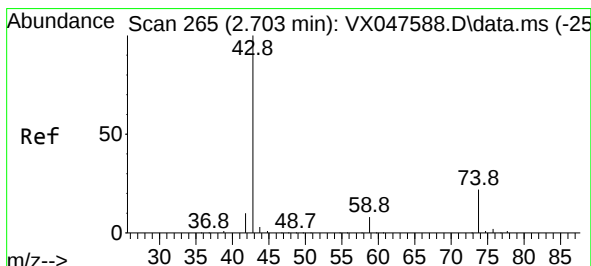
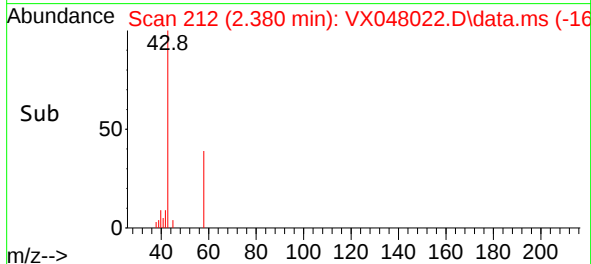
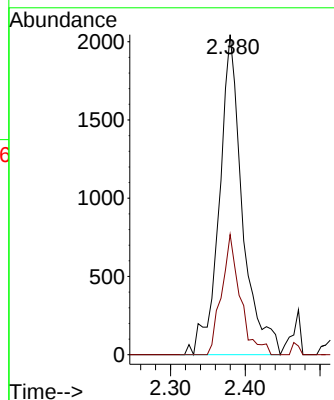
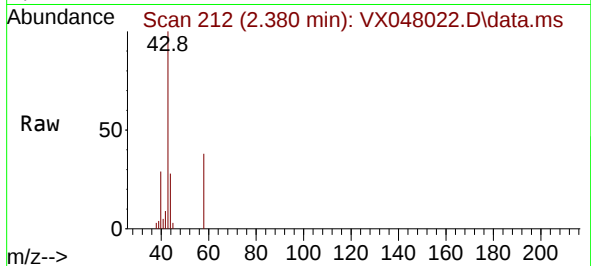




#16
Acetone
Concen: 4.653 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

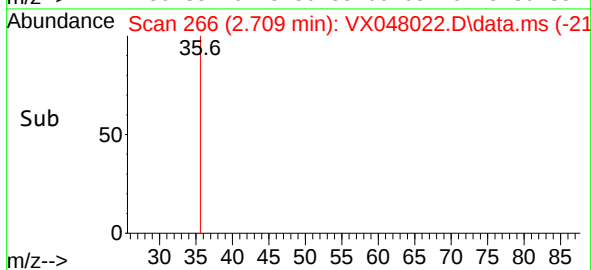
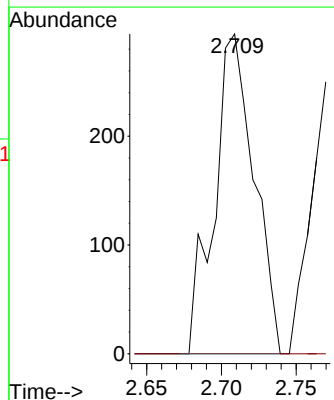
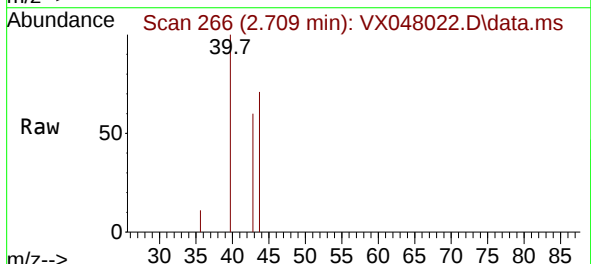
Instrument :
MSVOA_X
ClientSampleId :
MW10

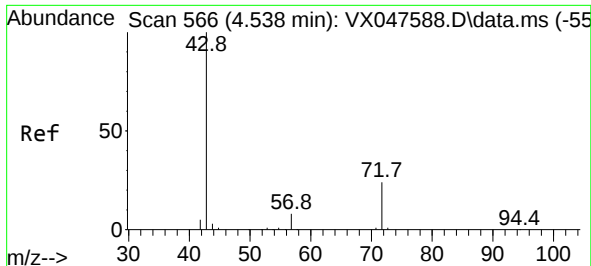
Tgt Ion: 43 Resp: 4399
Ion Ratio Lower Upper
43 100
58 37.6 23.4 35.0#



#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 43 Resp: 545
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#





#25

2-Butanone

Concen: 0.372 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.061 min

Lab File: VX048022.D

Acq: 06 Oct 2025 14:28

Instrument :

MSVOA_X

ClientSampleId :

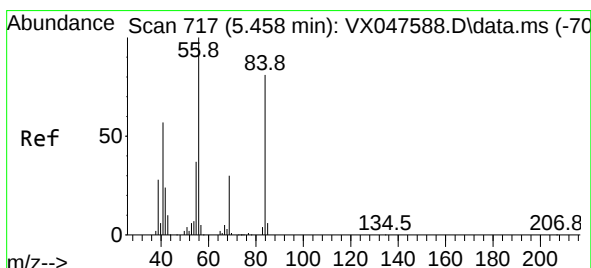
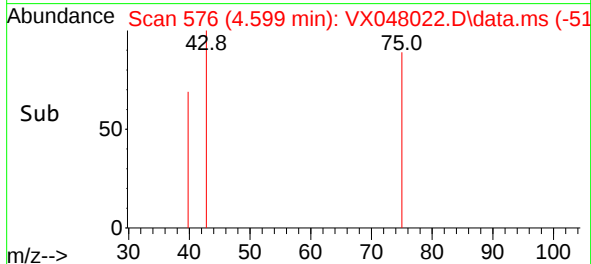
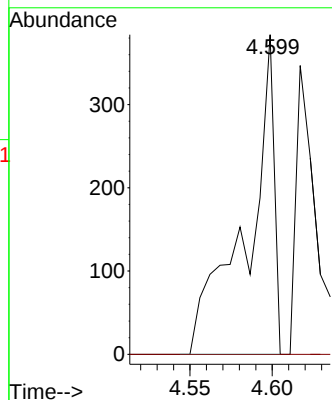
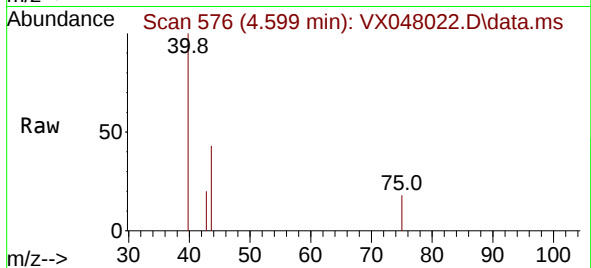
MW10

Tgt Ion: 43 Resp: 439

Ion Ratio Lower Upper

43 100

72 0.0 20.1 30.1#



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX048022.D

Acq: 06 Oct 2025 14:28

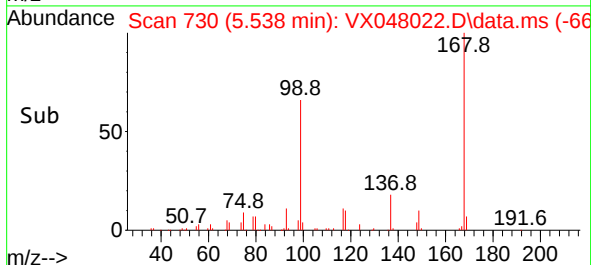
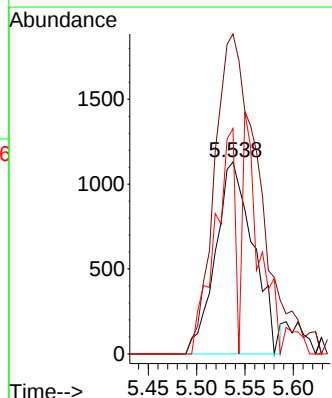
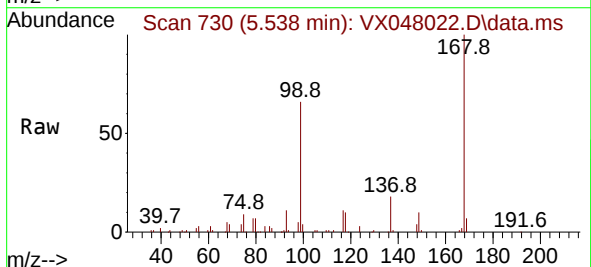
Tgt Ion: 56 Resp: 3101

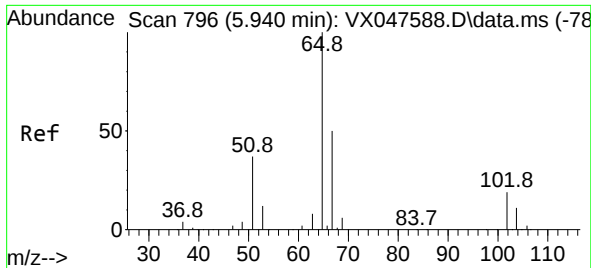
Ion Ratio Lower Upper

56 100

69 166.7 23.8 35.8#

84 117.4 64.6 97.0#

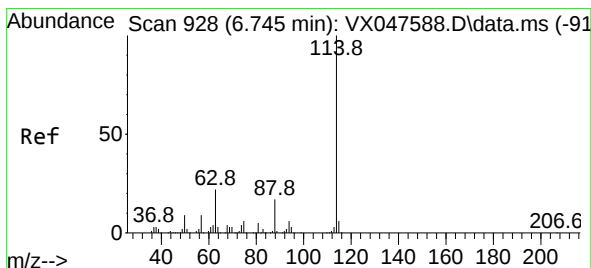
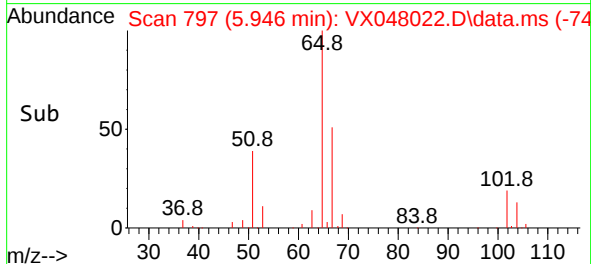
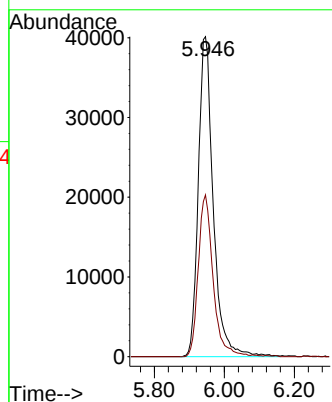
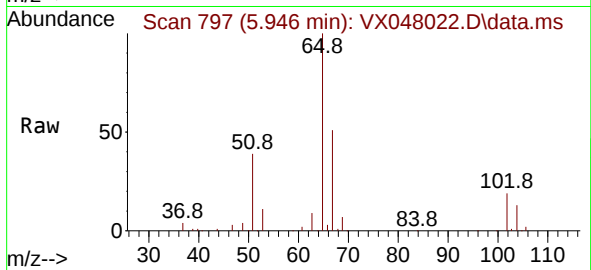




#33
 1,2-Dichloroethane-d4
 Concen: 54.789 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048022.D
 Acq: 06 Oct 2025 14:28

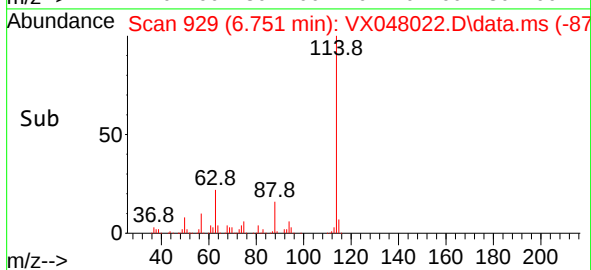
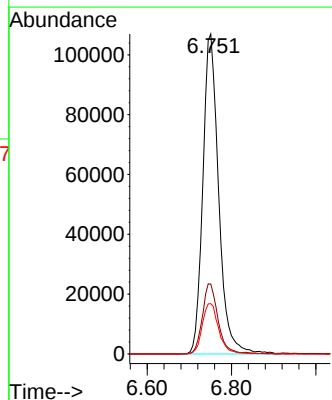
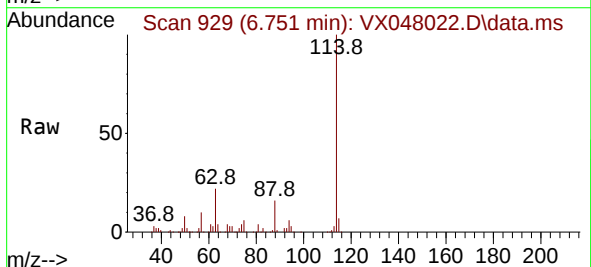
Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

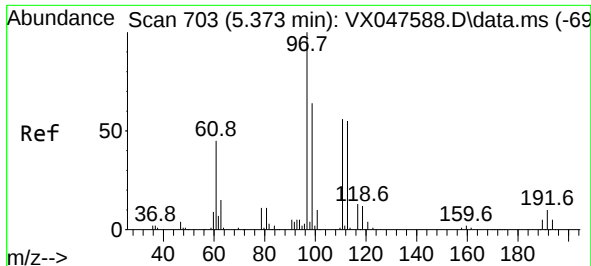
Tgt Ion: 65 Resp: 119135
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048022.D
 Acq: 06 Oct 2025 14:28

Tgt Ion: 114 Resp: 279650
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 44.0
 88 15.7 0.0 34.2

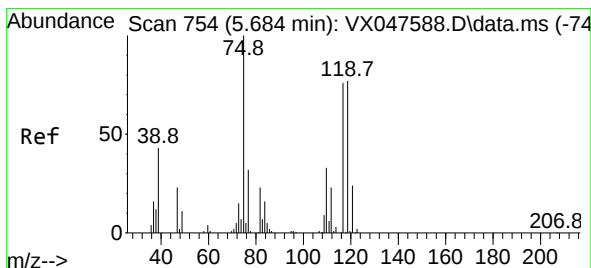
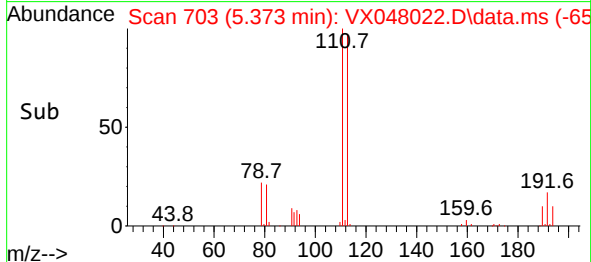
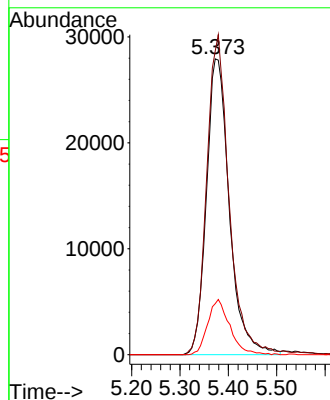
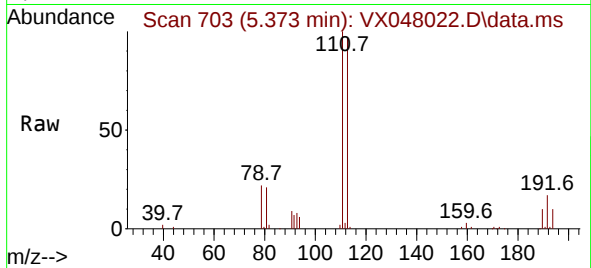




#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

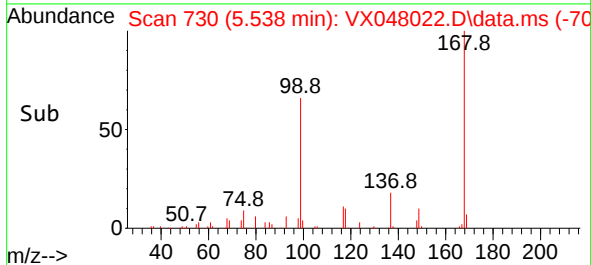
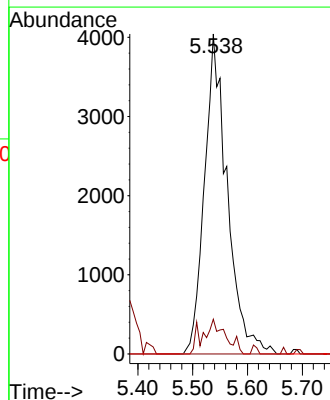
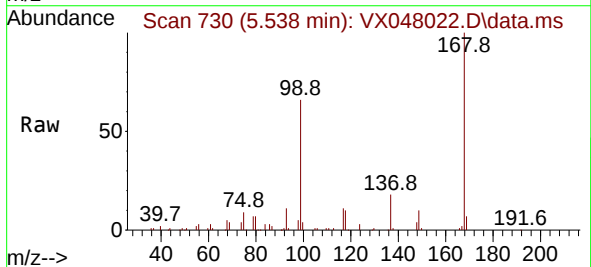
Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:113 Resp: 92127
Ion Ratio Lower Upper
113 100
111 105.1 80.9 121.3
192 18.0 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 75 Resp: 11619
Ion Ratio Lower Upper
75 100
110 7.4 16.7 50.1#
77 0.0 24.3 36.5#

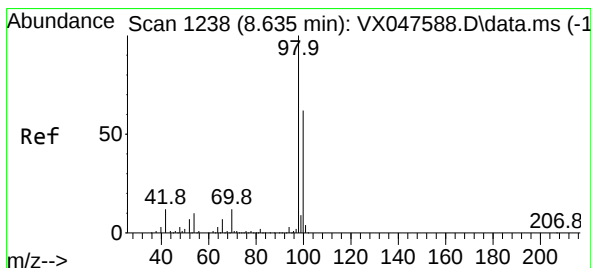
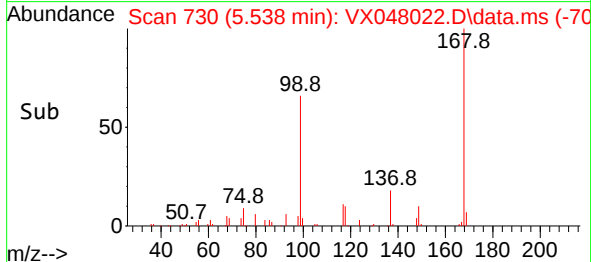
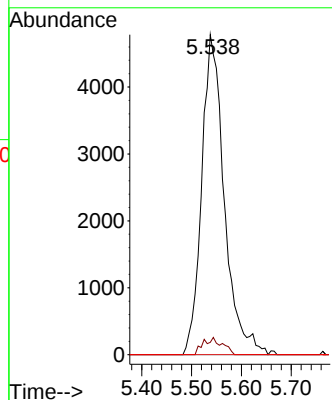
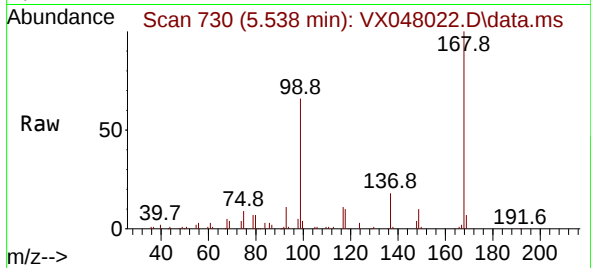




#38
Carbon Tetrachloride
Concen: 5.065 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

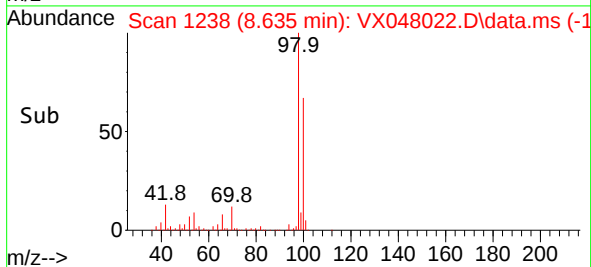
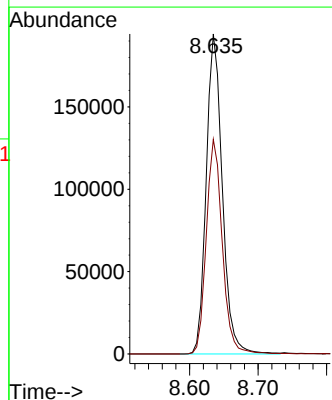
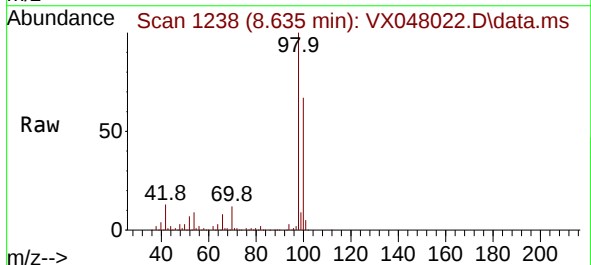
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ClientSampleId :
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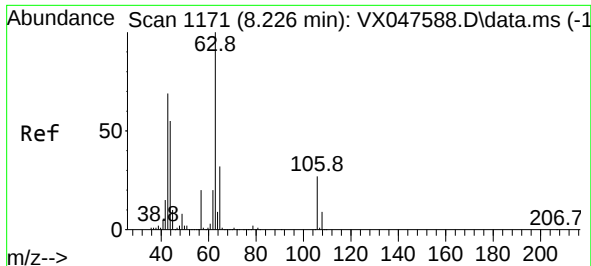
Tgt Ion:117 Resp: 15081
Ion Ratio Lower Upper
117 100
119 3.8 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.989 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 98 Resp: 317920
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

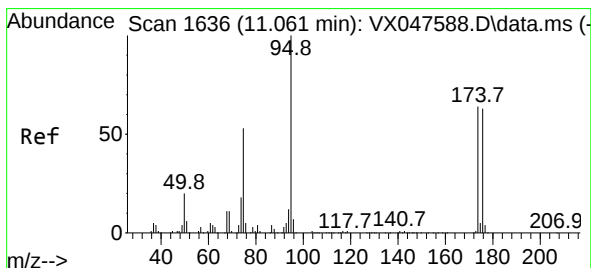
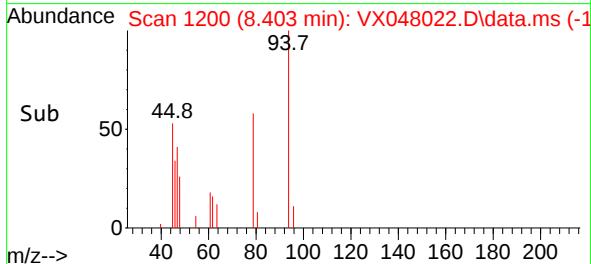
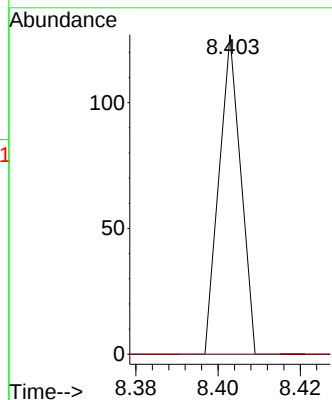
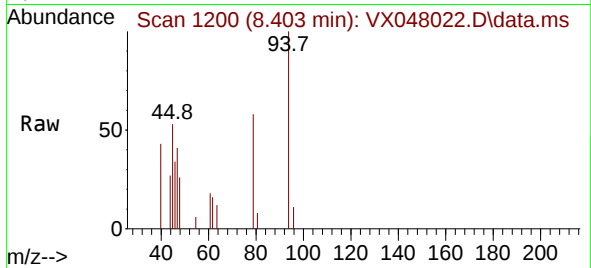




#58
2-Chloroethyl Vinyl ether
Concen: 7.923 ug/l
RT: 8.403 min Scan# 1171
Delta R.T. 0.177 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

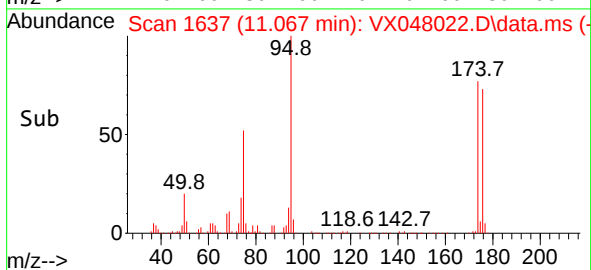
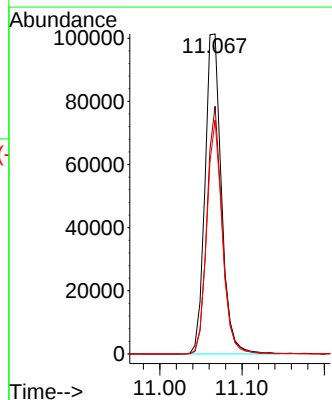
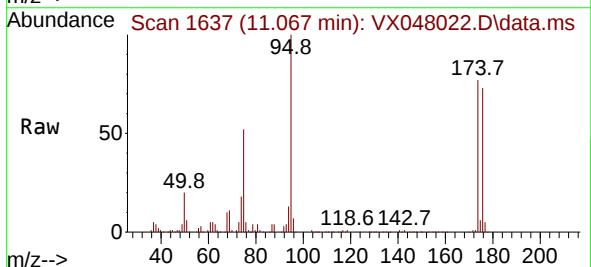
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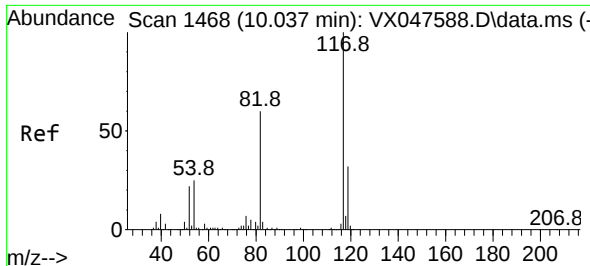
Tgt Ion: 63 Resp: 46
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 57.131 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 95 Resp: 140709
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 69.1 0.0 138.4

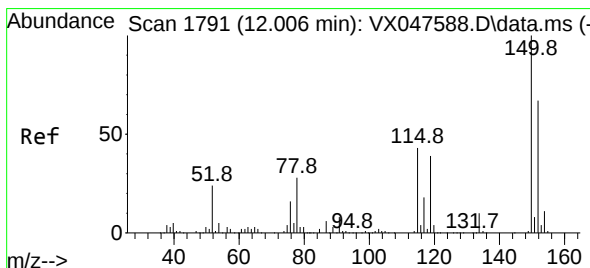
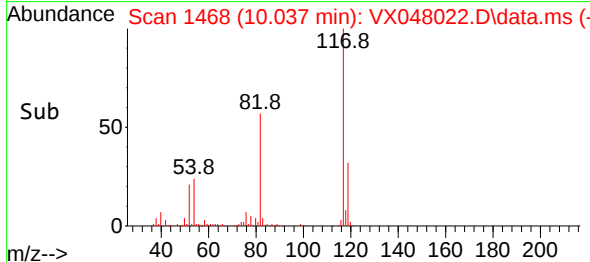
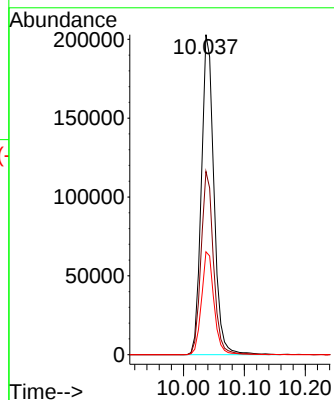
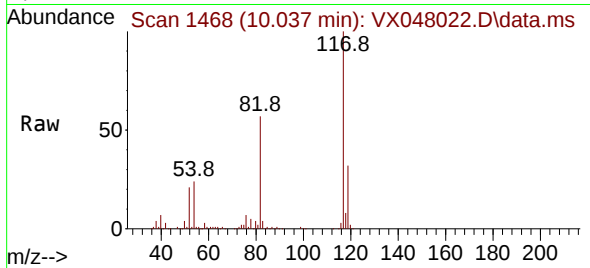




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

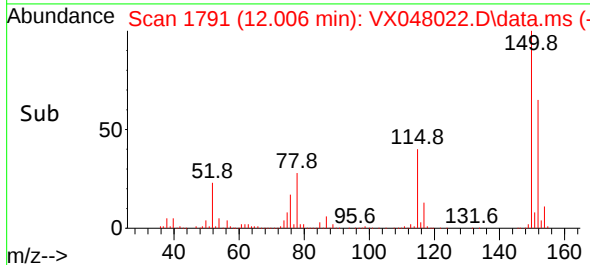
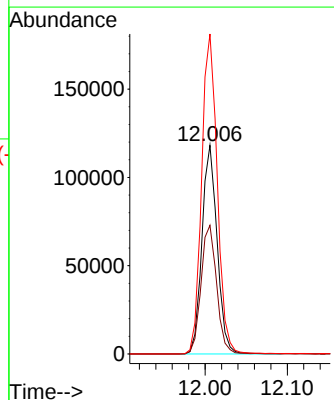
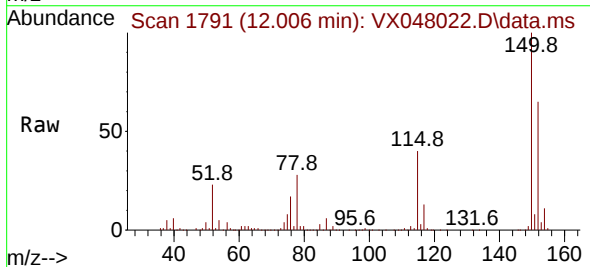
Instrument :
MSVOA_X
ClientSampleId :
MW10

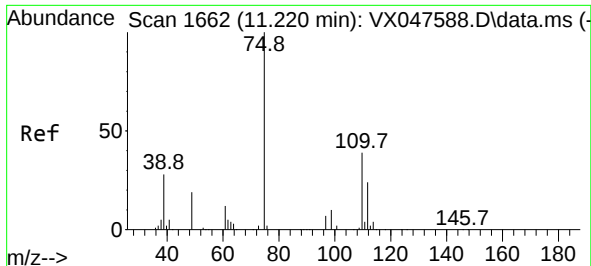
Tgt Ion:117 Resp: 291369
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion:152 Resp: 151792
Ion Ratio Lower Upper
152 100
115 63.3 44.9 134.5
150 157.8 0.0 352.0

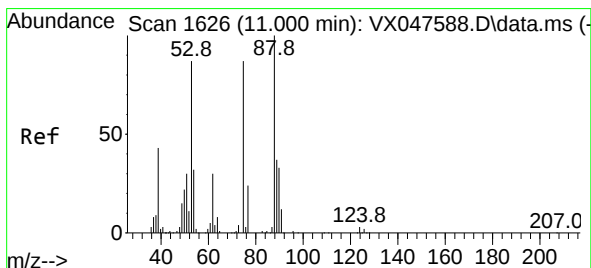
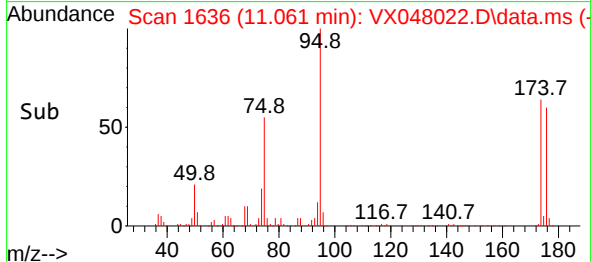
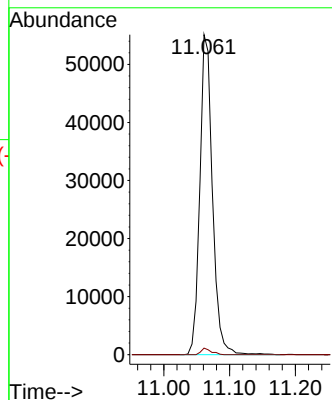
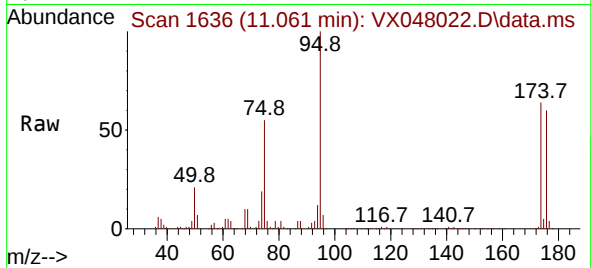




#76
1,2,3-Trichloropropane
Concen: 23.933 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 75 Resp: 73554
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.033 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048022.D
Acq: 06 Oct 2025 14:28

Tgt Ion: 75 Resp: 73554
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

