

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
 Data File : VX048025.D
 Acq On : 06 Oct 2025 15:31
 Operator : JC/MD
 Sample : Q3202-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SY-2R

Quant Time: Oct 07 02:15:43 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)

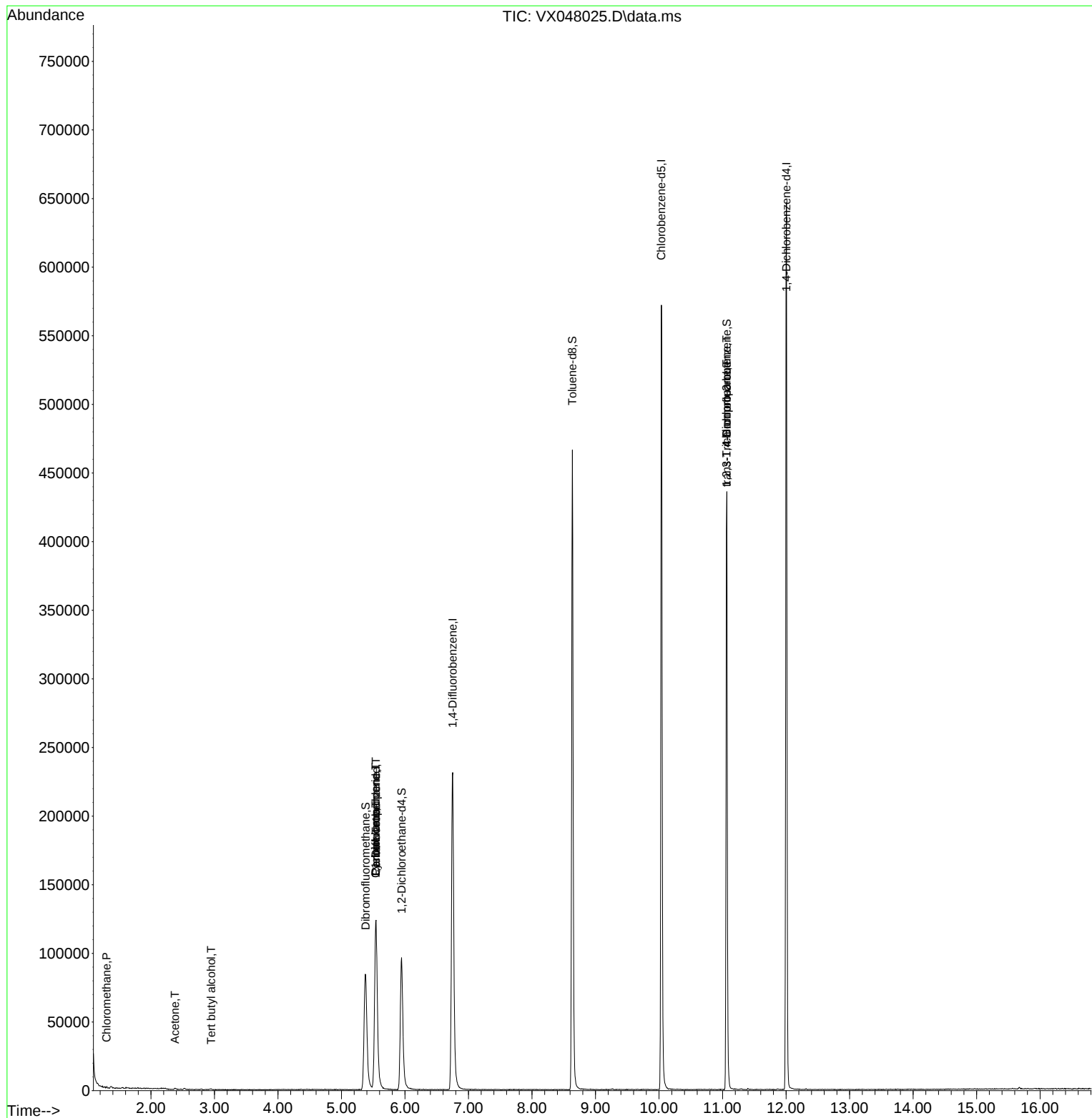
Internal Standards						
1) Pentafluorobenzene	5.544	168	122057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	251704	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	264687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	135085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103762	53.407	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.820%		
35) Dibromofluoromethane	5.379	113	84299	49.938	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.880%		
50) Toluene-d8	8.635	98	284869	48.770	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.540%		
62) 4-Bromofluorobenzene	11.067	95	126604	57.112	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 114.220%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	826	0.497	ug/l	94
11) Tert butyl alcohol	2.947	59	90	0.416	ug/l #	72
16) Acetone	2.380	43	1128	1.335	ug/l #	86
31) Cyclohexane	5.538	56	2748	1.070	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10722	4.347	ug/l #	50
38) Carbon Tetrachloride	5.544	117	13179	4.917	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	65737	24.035	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	65737	61.293	ug/l #	8

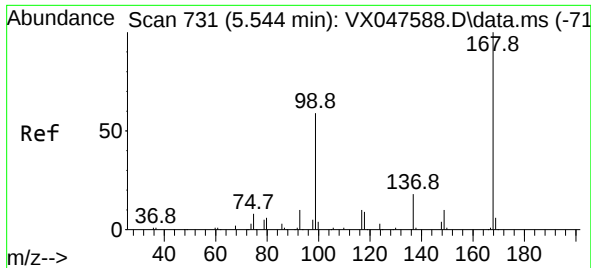
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100625\
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Quant Title : SW846 8260
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Response via : Initial Calibration

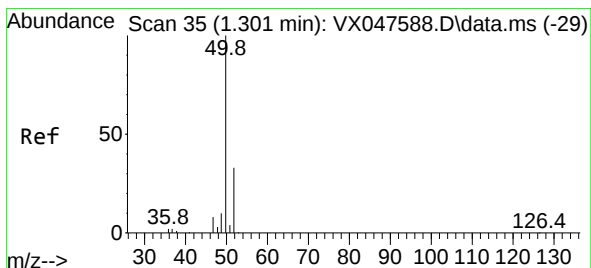
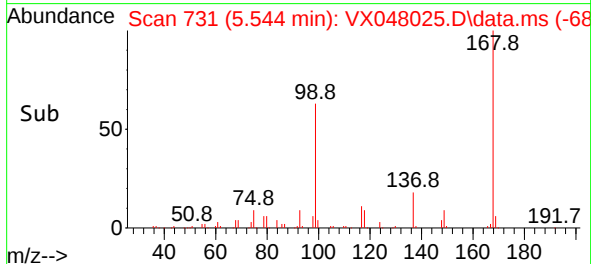
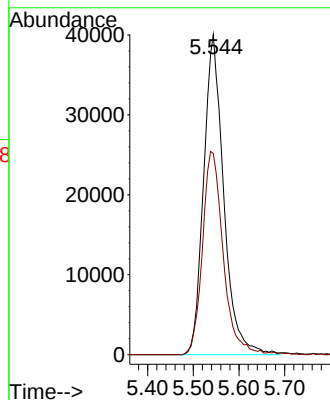
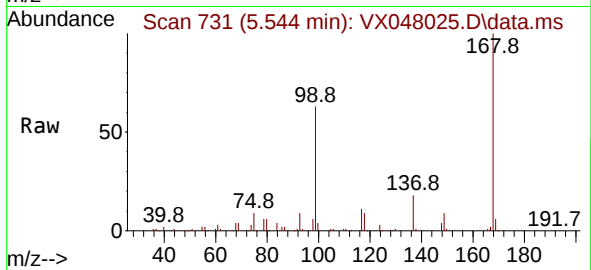




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

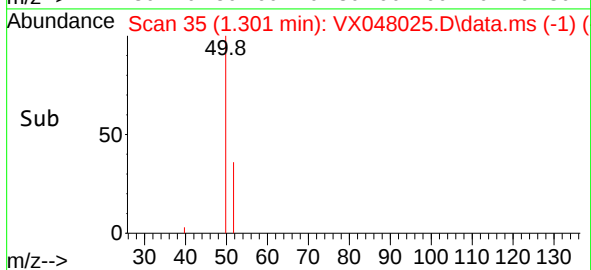
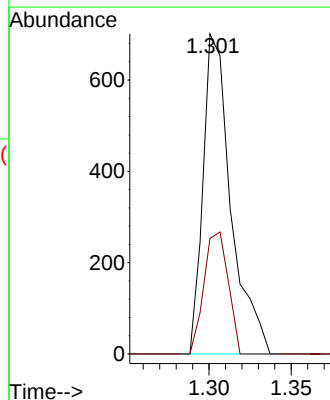
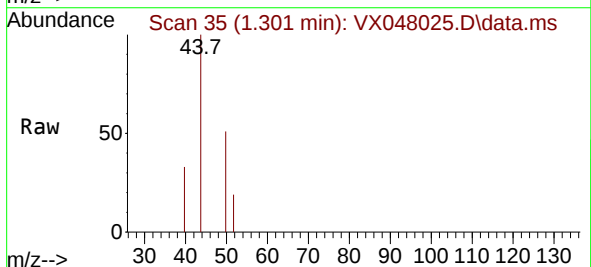
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

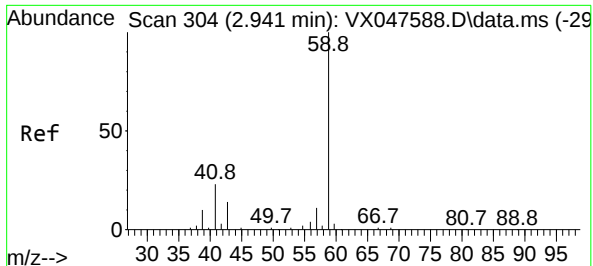
Tgt Ion:168 Resp: 122057
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#3
Chloromethane
Concen: 0.497 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 50 Resp: 826
Ion Ratio Lower Upper
50 100
52 36.1 26.1 39.1

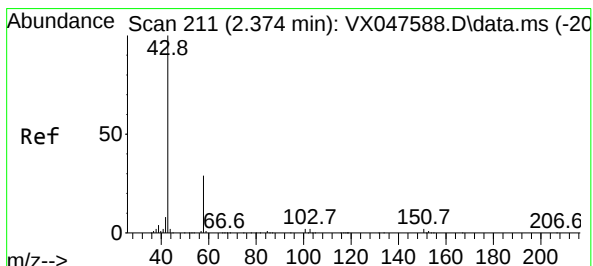
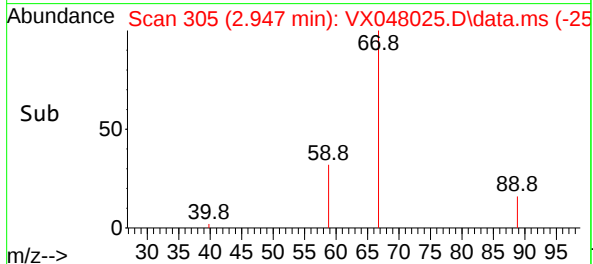
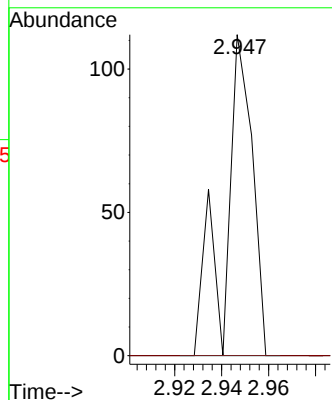
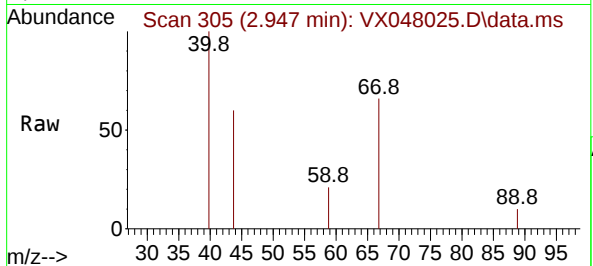




#11
Tert butyl alcohol
Concen: 0.416 ug/l
RT: 2.947 min Scan# 304
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

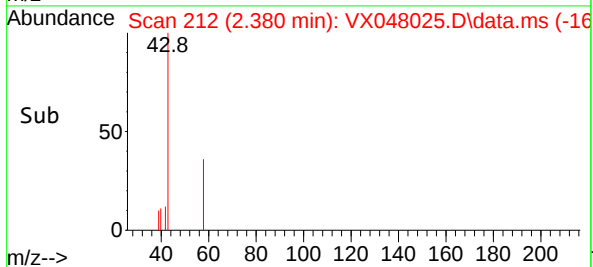
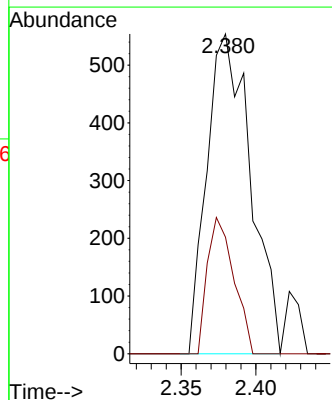
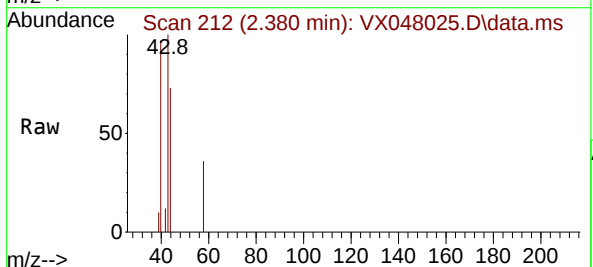
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

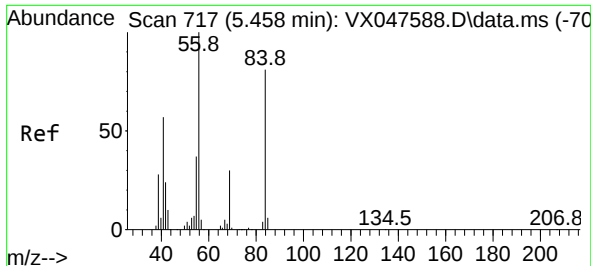
Tgt Ion: 59 Resp: 90
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.335 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
58 36.5 23.4 35.0#

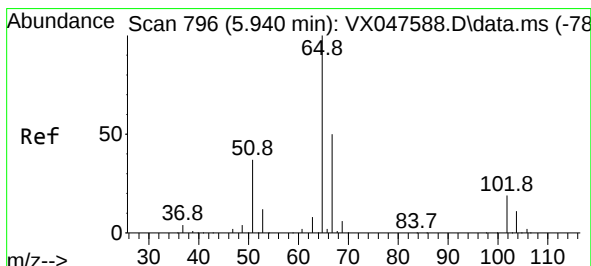
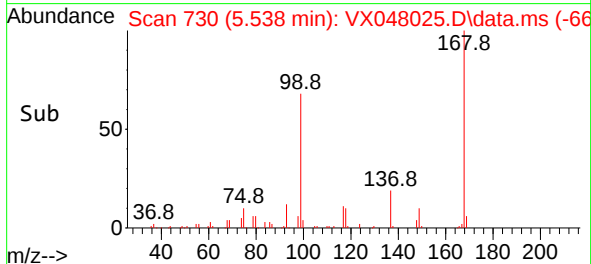
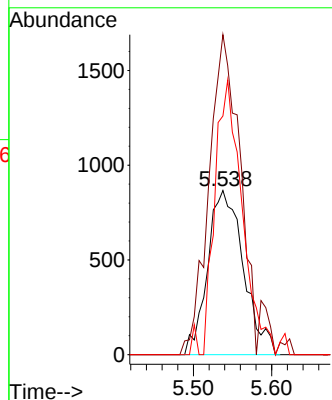
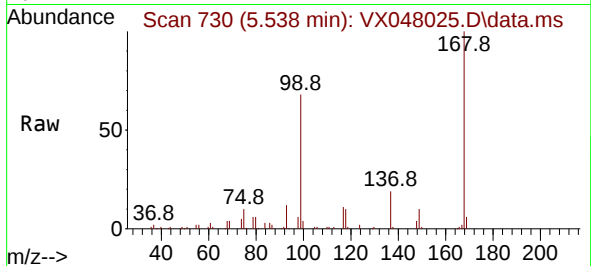




#31
Cyclohexane
Concen: 1.070 ug/l
RT: 5.538 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

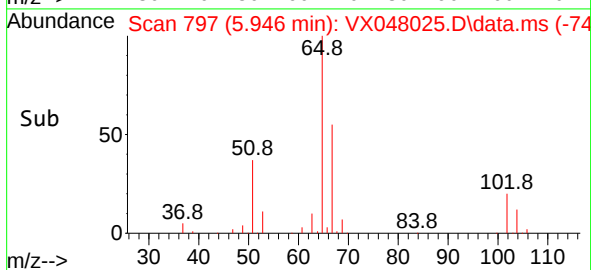
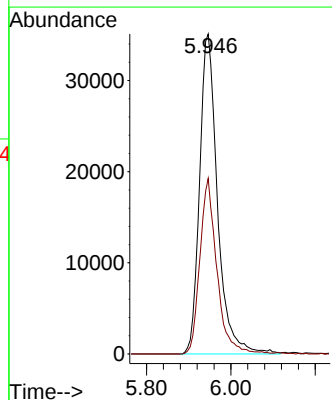
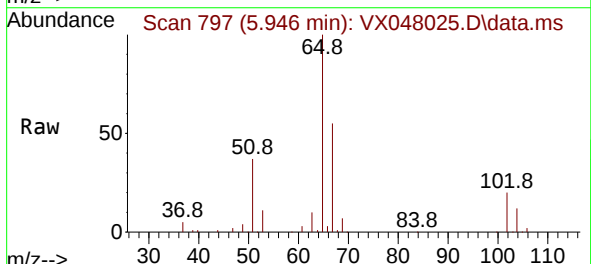
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

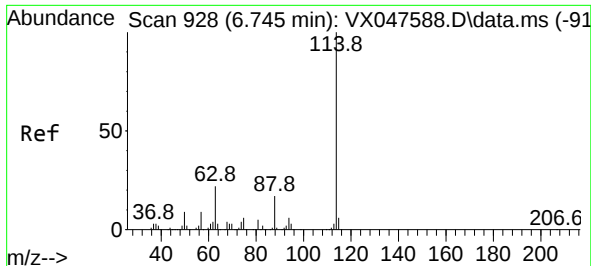
Tgt Ion: 56 Resp: 2748
Ion Ratio Lower Upper
56 100
69 195.0 23.8 35.8#
84 145.5 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 53.407 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 65 Resp: 103762
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

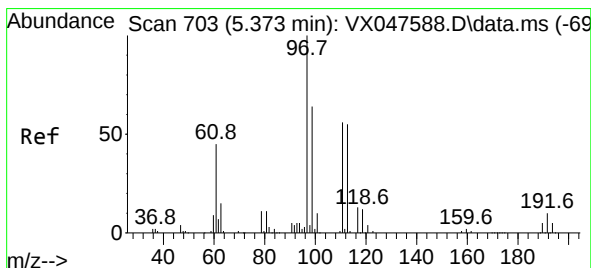
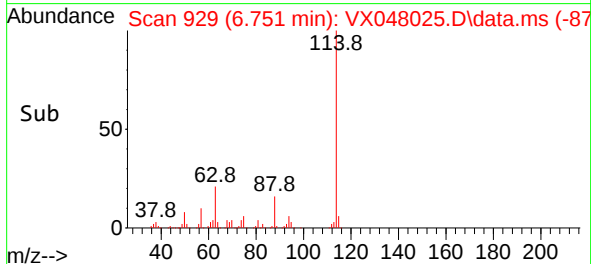
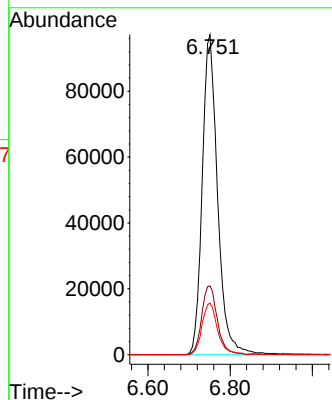
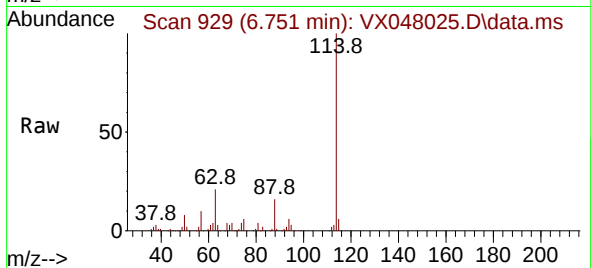




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

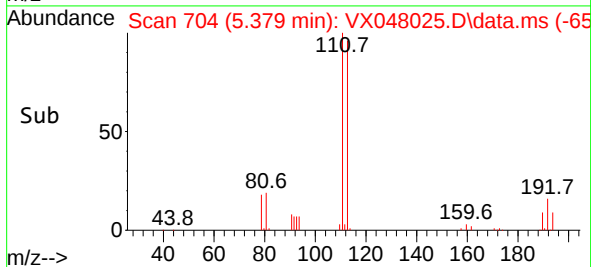
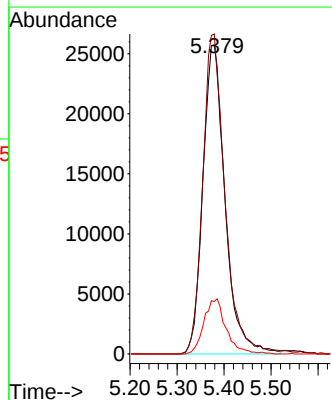
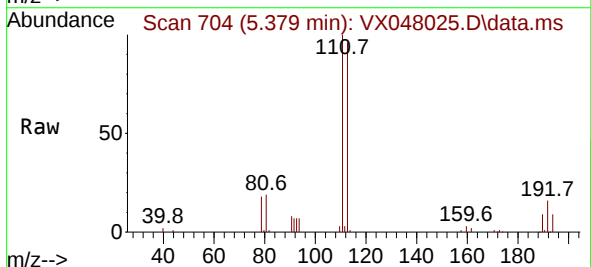
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

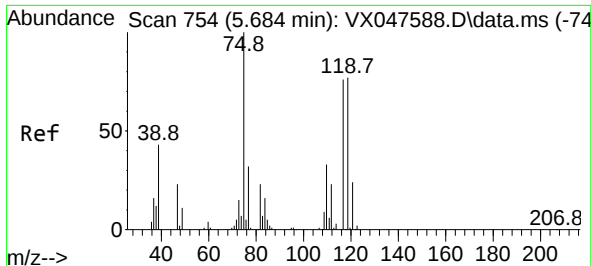
Tgt Ion:114 Resp: 251704
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.938 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion:113 Resp: 84299
Ion Ratio Lower Upper
113 100
111 103.4 80.9 121.3
192 17.6 14.2 21.4

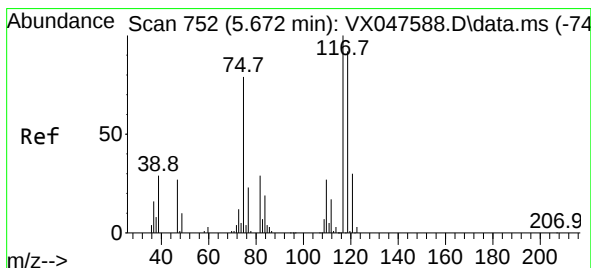
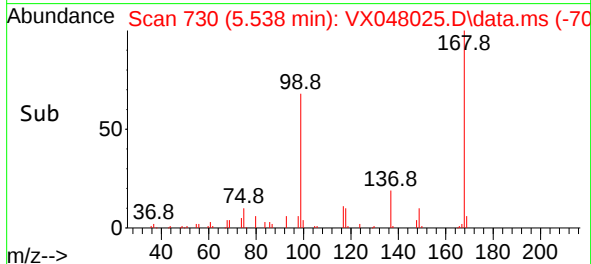
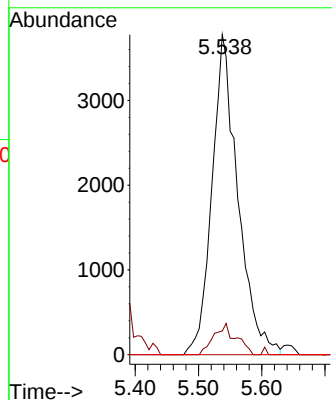
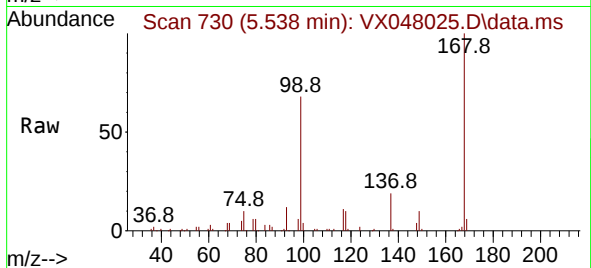




#36
1,1-Dichloropropene
Concen: 4.347 ug/l
RT: 5.538 min Scan# 710
Delta R.T. -0.146 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

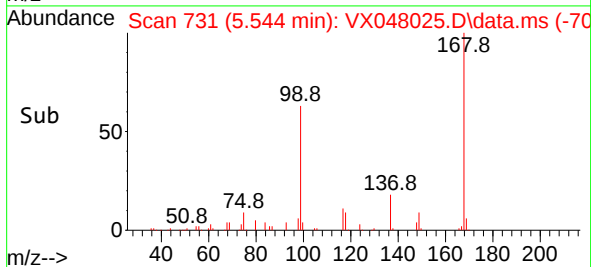
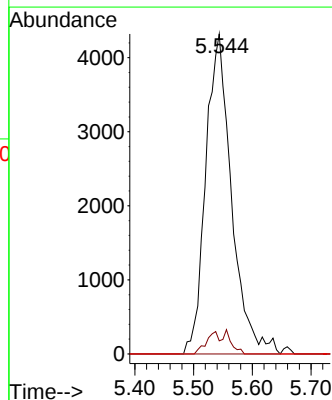
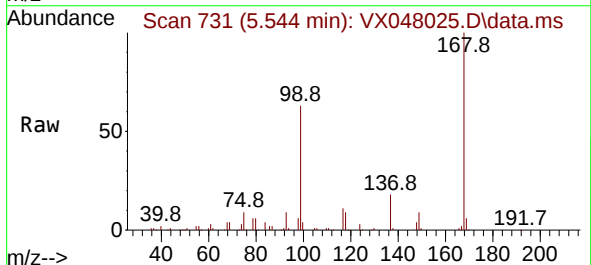
Instrument :
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ClientSampleId :
SY-2R

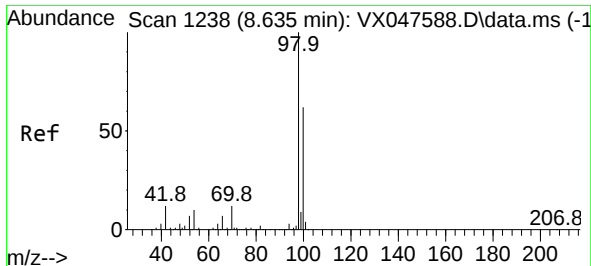
Tgt Ion: 75 Resp: 10722
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.917 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 117 Resp: 13179
Ion Ratio Lower Upper
117 100
119 4.1 73.4 110.2#
121 0.0 23.8 35.6#

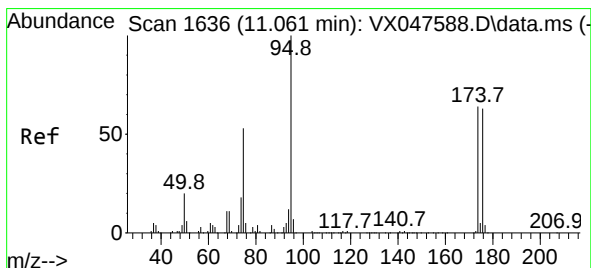
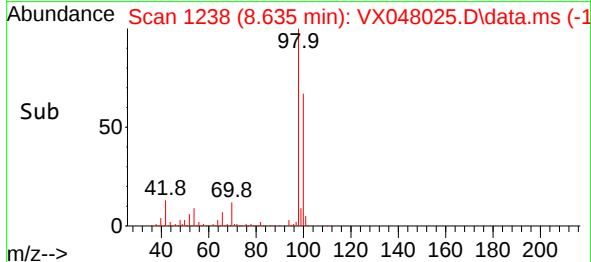
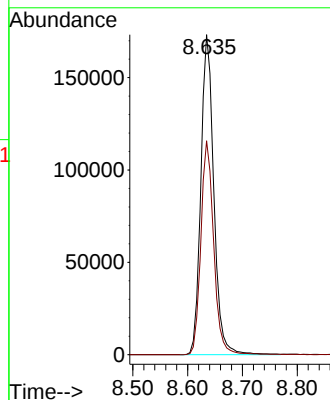
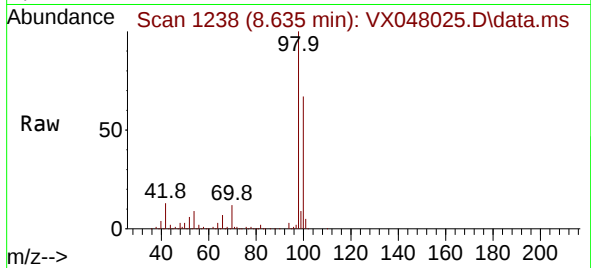




#50
Toluene-d8
Concen: 48.770 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

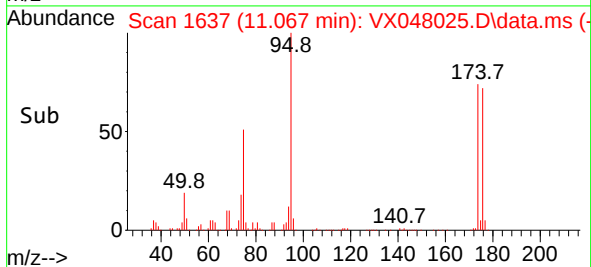
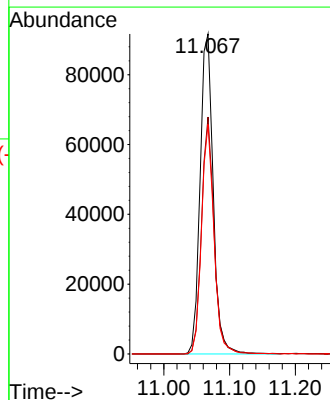
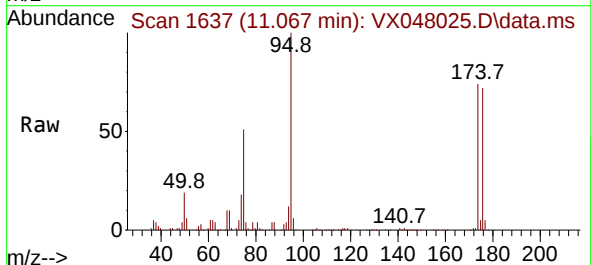
Instrument :
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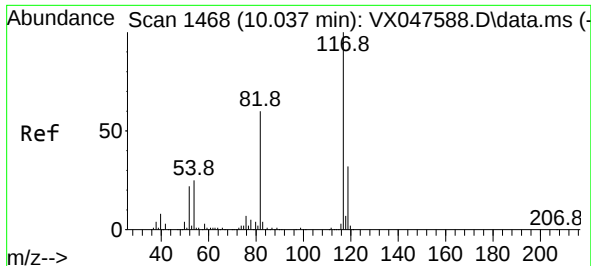
Tgt Ion: 98 Resp: 284869
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.112 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion: 95 Resp: 126604
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.6 0.0 138.4

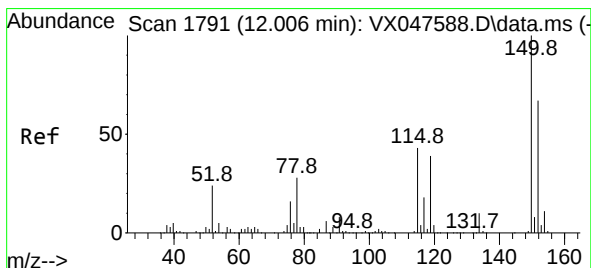
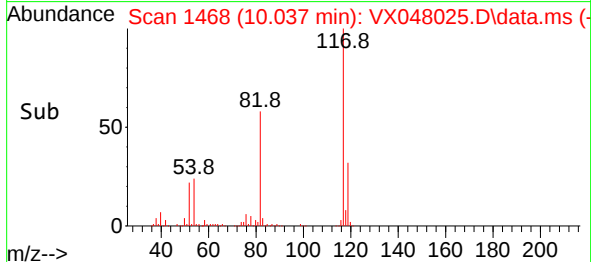
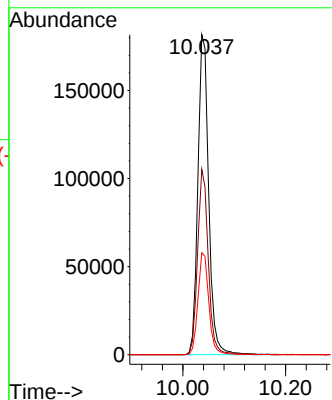
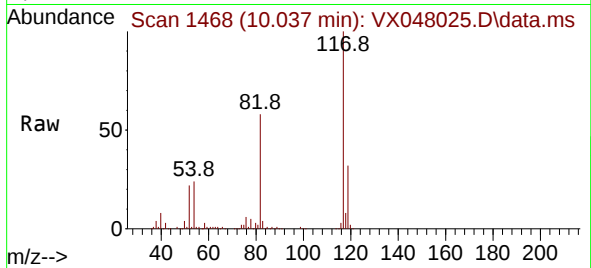




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

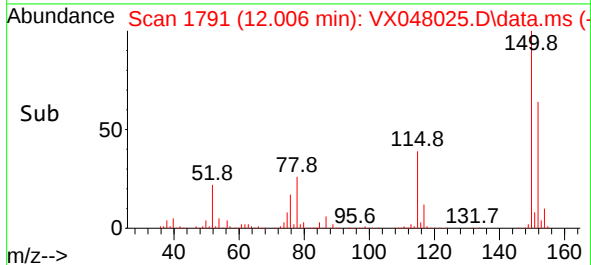
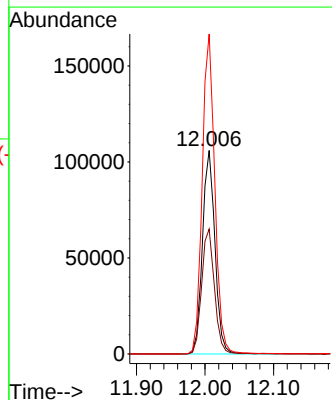
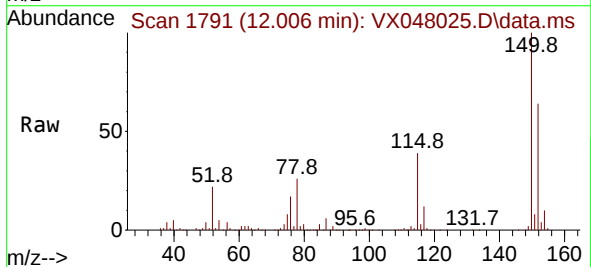
Instrument :
MSVOA_X
ClientSampleId :
SY-2R

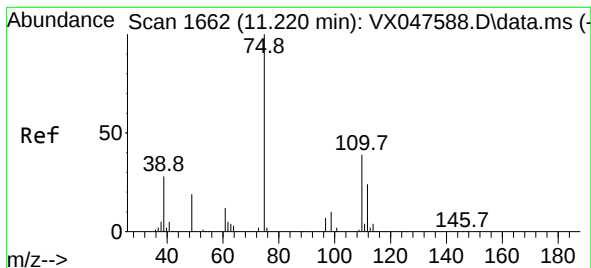
Tgt Ion:117 Resp: 264687
Ion Ratio Lower Upper
117 100
82 57.9 47.8 71.6
119 31.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048025.D
Acq: 06 Oct 2025 15:31

Tgt Ion:152 Resp: 135085
Ion Ratio Lower Upper
152 100
115 62.7 44.9 134.5
150 158.0 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 24.035 ug/l

RT: 11.061 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Instrument :

MSVOA_X

ClientSampleId :

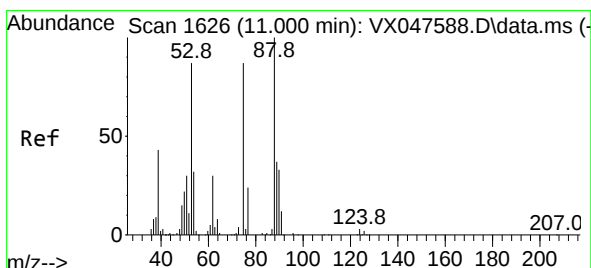
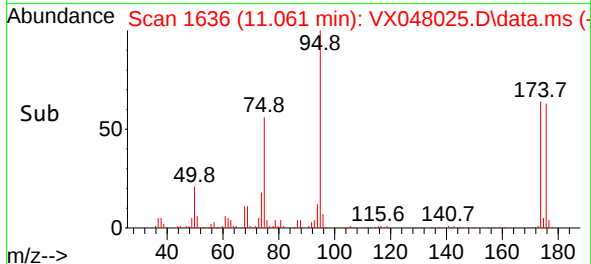
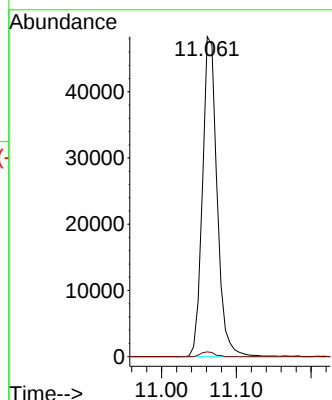
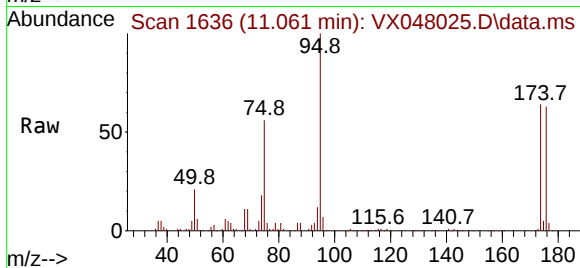
SY-2R

Tgt Ion: 75 Resp: 65737

Ion Ratio Lower Upper

75 100

77 1.4 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.293 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX048025.D

Acq: 06 Oct 2025 15:31

Tgt Ion: 75 Resp: 65737

Ion Ratio Lower Upper

75 100

53 0.1 83.4 125.2#

89 0.0 36.3 54.5#

