

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047565.D
 Acq On : 29 Aug 2025 13:03
 Operator : JC/MD
 Sample : Q2987-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Aug 29 23:54:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

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

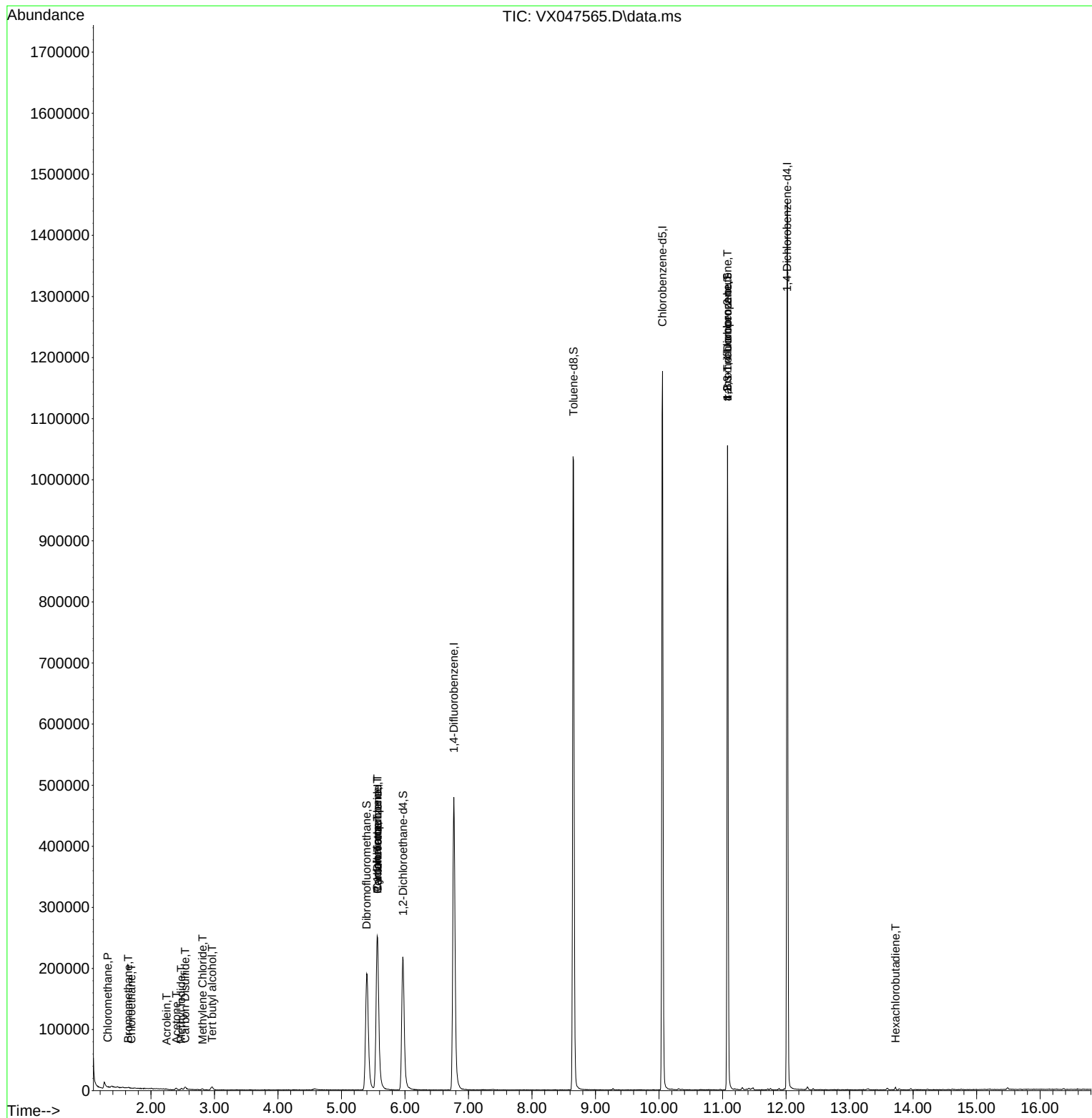
Internal Standards						
1) Pentafluorobenzene	5.568	168	252662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	514384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	529494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	228959	59.010	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.020%#	
35) Dibromofluoromethane	5.397	113	182234	51.618	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.240%	
50) Toluene-d8	8.653	98	640850	51.787	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.580%	
62) 4-Bromofluorobenzene	11.079	95	277376	59.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	705	0.233	ug/l #	77
5) Bromomethane	1.642	94	617	0.402	ug/l #	1
6) Chloroethane	1.691	64	680	0.301	ug/l #	40
10) Methyl Iodide	2.477	142	3274	0.657	ug/l #	87
11) Tert butyl alcohol	2.965	59	2663	7.467	ug/l #	84
13) Acrolein	2.246	56	152	0.213	ug/l #	41
16) Acetone	2.398	43	3481	2.265	ug/l #	87
17) Carbon Disulfide	2.538	76	1975	0.208	ug/l	96
20) Methylene Chloride	2.813	84	821	0.210	ug/l #	86
31) Cyclohexane	5.562	56	5653	1.036	ug/l #	22
36) 1,1-Dichloropropene	5.562	75	21449	4.269	ug/l #	50
38) Carbon Tetrachloride	5.568	117	27156	4.871	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	143238	28.501	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	143238	100.956	ug/l #	7
94) Hexachlorobutadiene	13.725	225	670	0.327	ug/l	91

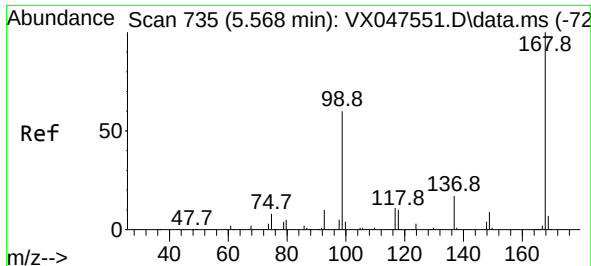
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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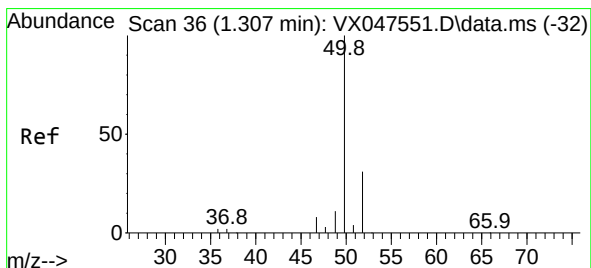
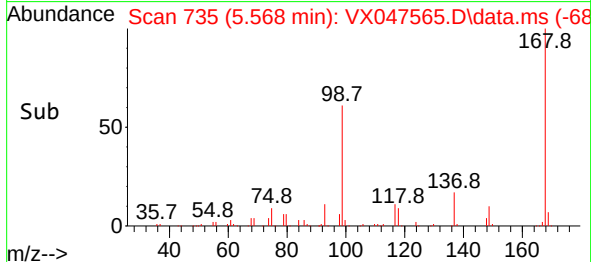
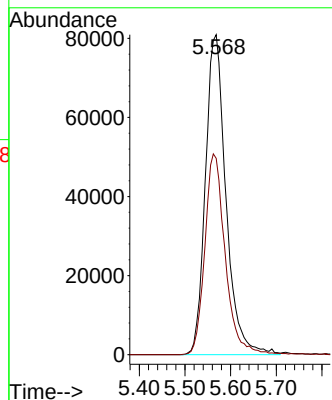
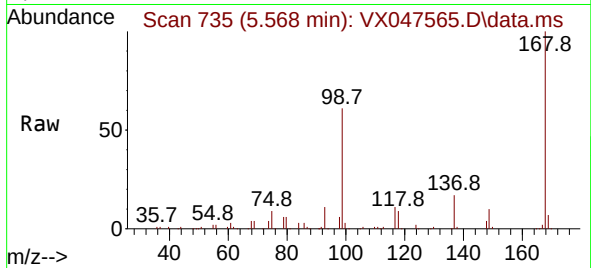




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

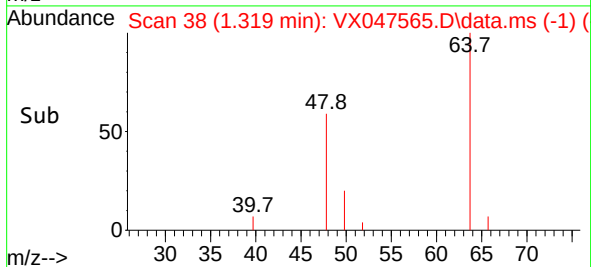
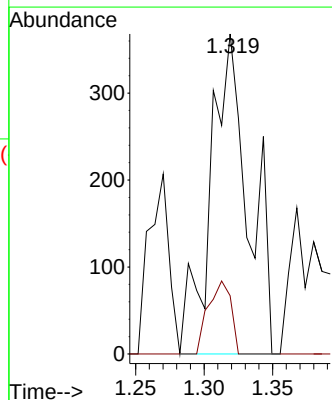
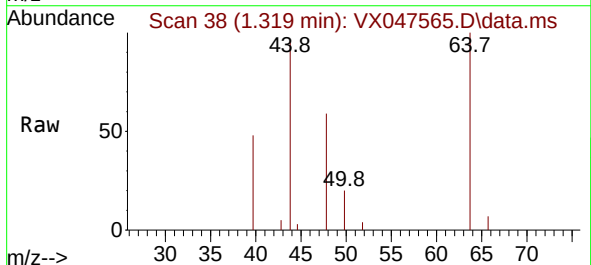
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

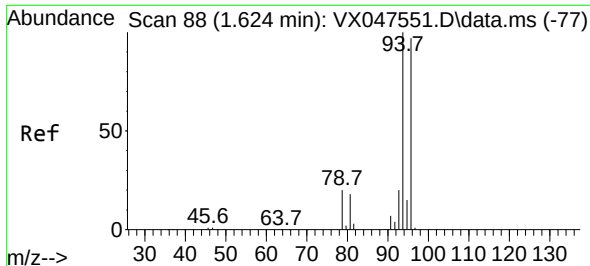
Tgt Ion:168 Resp: 252662
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.012 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 50 Resp: 705
Ion Ratio Lower Upper
50 100
52 18.2 24.6 37.0#

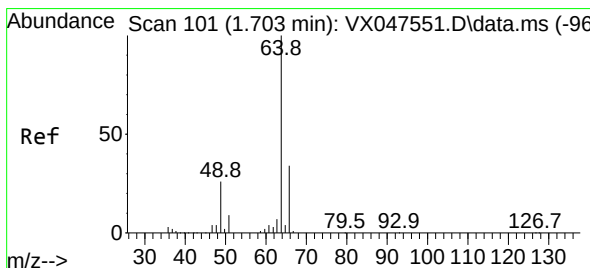
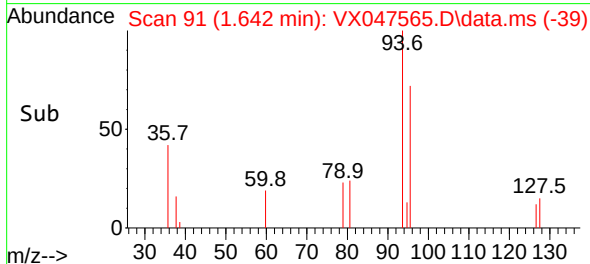
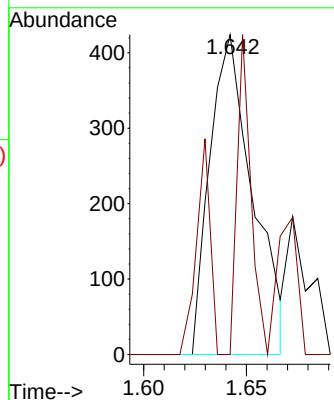
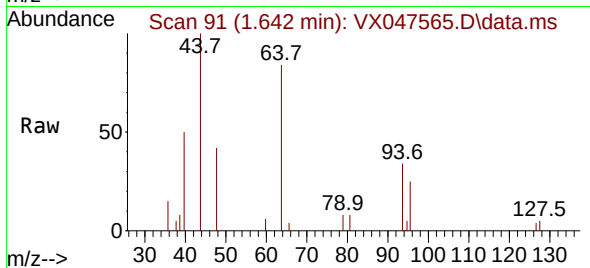




#5
Bromomethane
Concen: 0.402 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

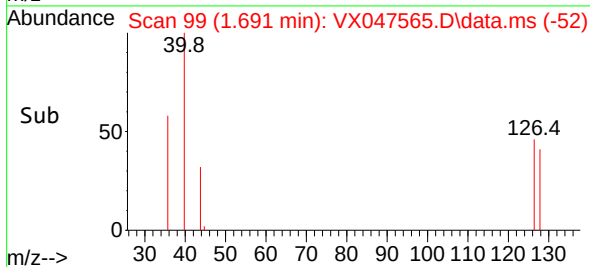
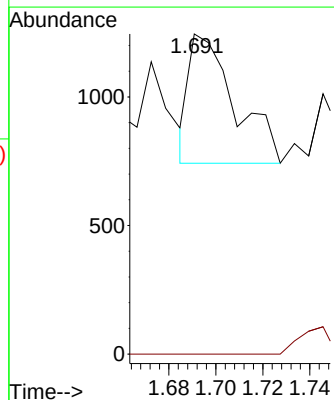
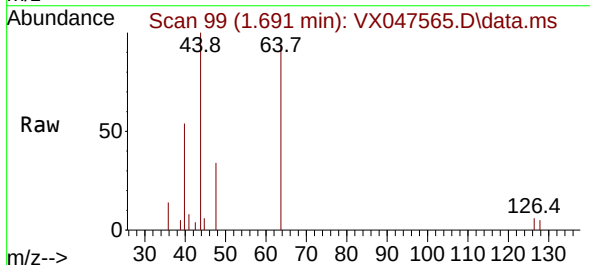
Instrument :
MSVOA_X
ClientSampleId :
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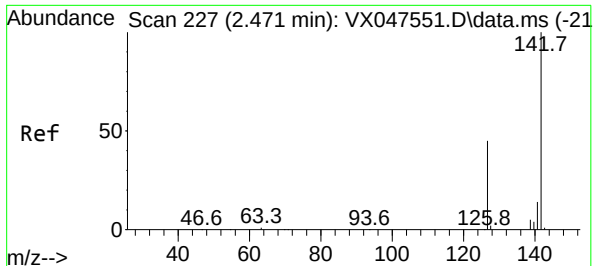
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 0.0 77.7 116.5#



#6
Chloroethane
Concen: 0.301 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

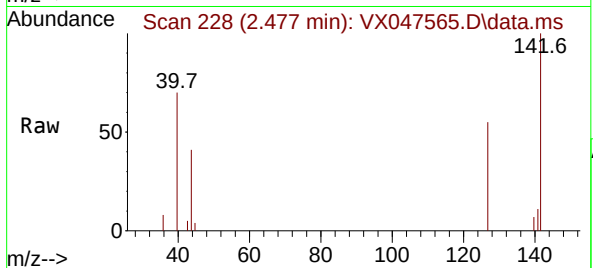
Tgt Ion: 64 Resp: 680
Ion Ratio Lower Upper
64 100
66 0.0 27.4 41.2#



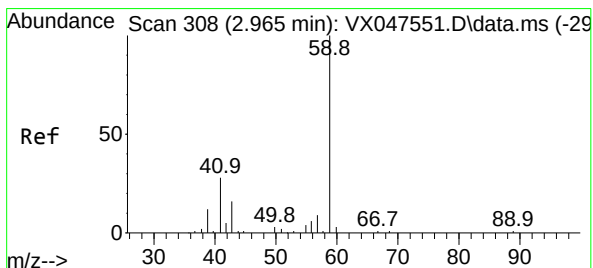
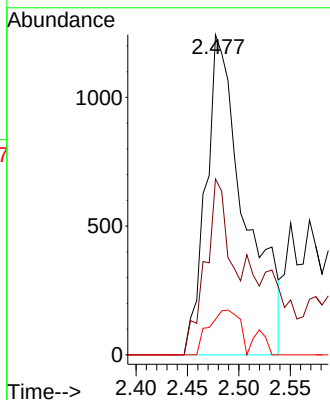
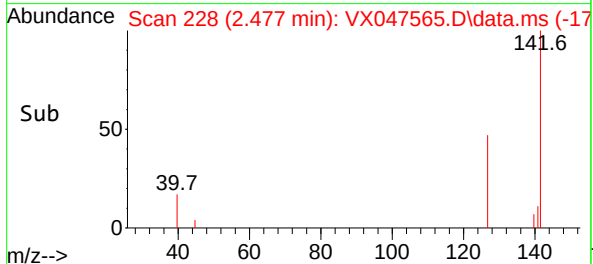


#10
Methyl Iodide
Concen: 0.657 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

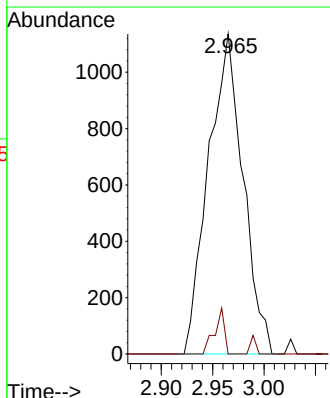
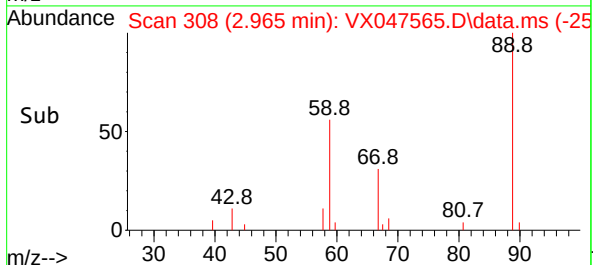
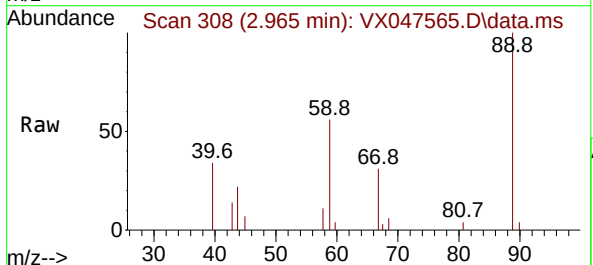


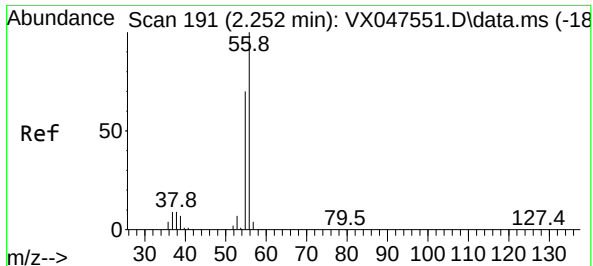
Tgt Ion:142 Resp: 3274
Ion Ratio Lower Upper
142 100
127 36.8 37.6 56.4#
141 11.0 10.6 16.0



#11
Tert butyl alcohol
Concen: 7.467 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 59 Resp: 2663
Ion Ratio Lower Upper
59 100
57 4.1 7.9 11.9#

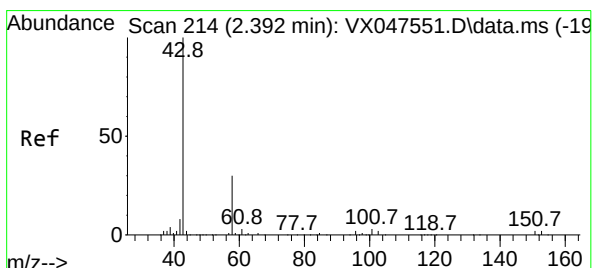
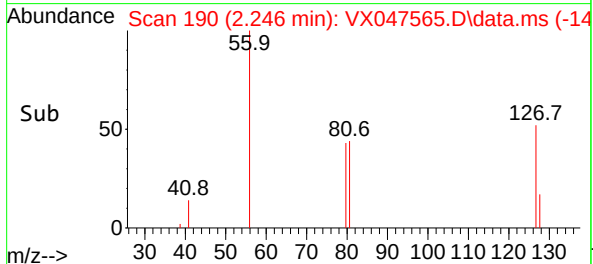
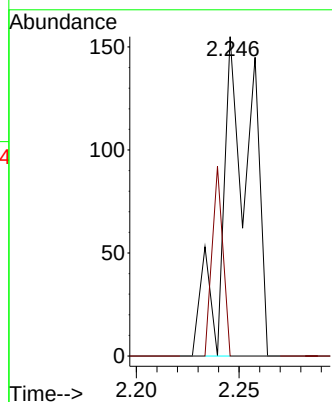
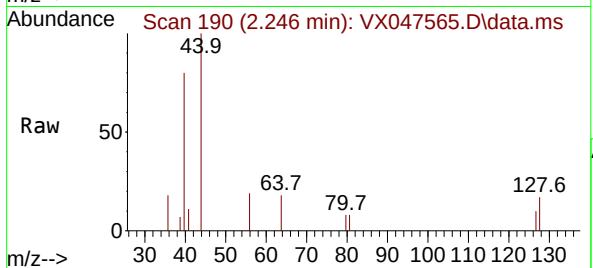




#13
Acrolein
Concen: 0.213 ug/l
RT: 2.246 min Scan# 191
Delta R.T. -0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

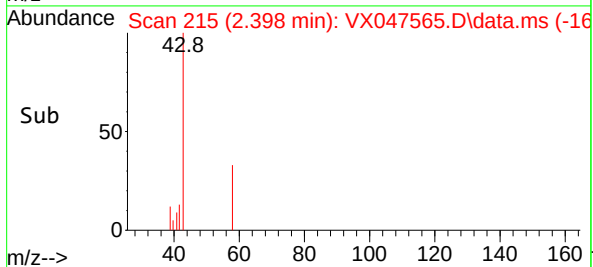
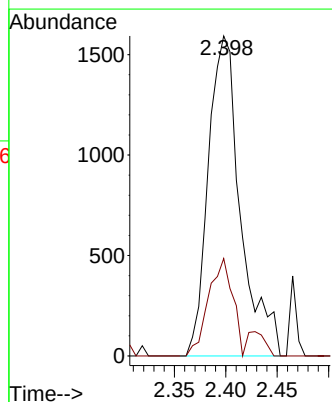
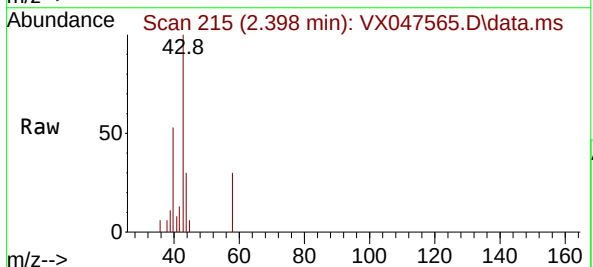
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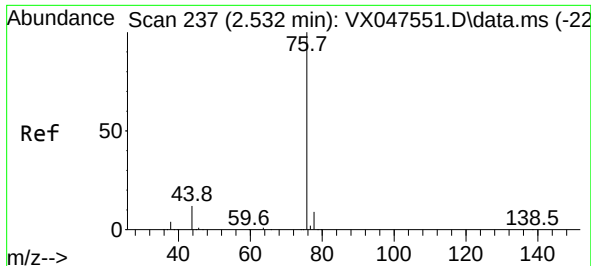
Tgt Ion: 56 Resp: 152
Ion Ratio Lower Upper
56 100
55 22.4 57.0 85.6#



#16
Acetone
Concen: 2.265 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
58 23.4 24.2 36.2#

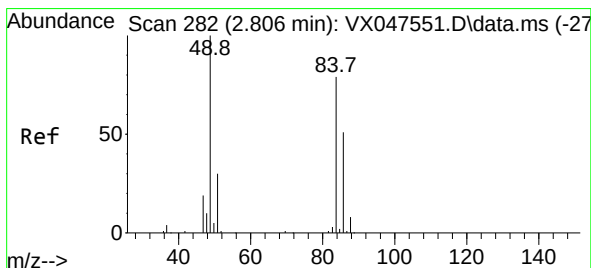
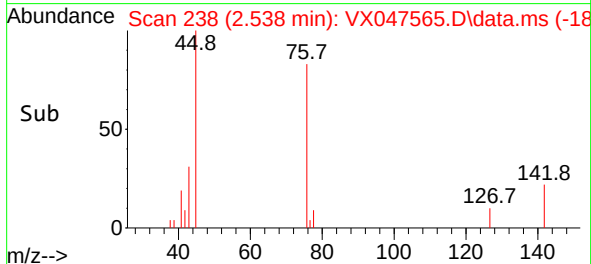
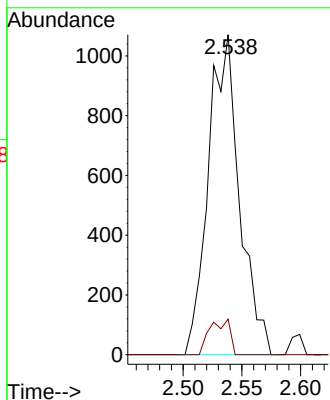
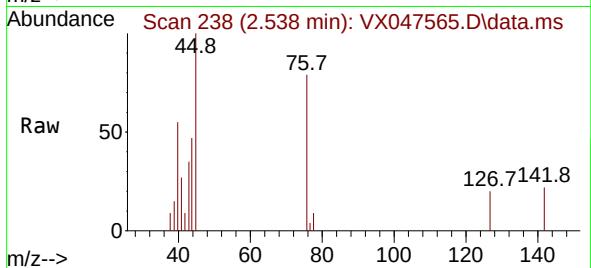




#17
Carbon Disulfide
Concen: 0.208 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

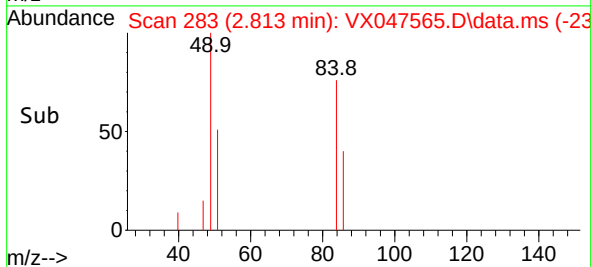
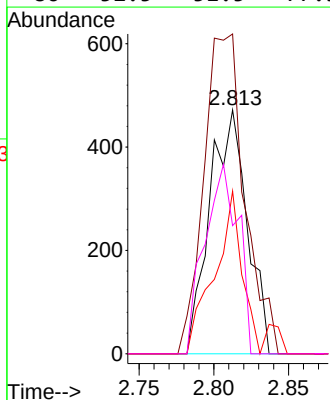
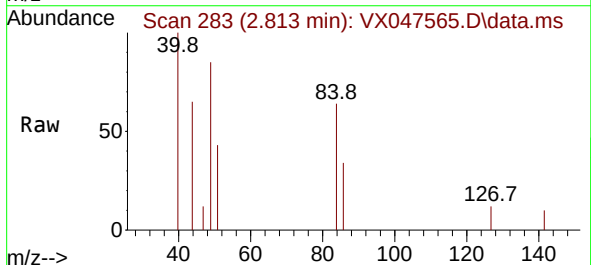
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ClientSampleId :
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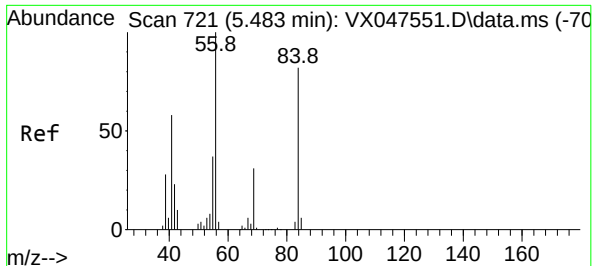
Tgt Ion: 76 Resp: 1975
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#20
Methylene Chloride
Concen: 0.210 ug/l
RT: 2.813 min Scan# 283
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 84 Resp: 821
Ion Ratio Lower Upper
84 100
49 131.1 101.4 152.2
51 66.7 30.6 46.0#
86 52.5 51.5 77.3

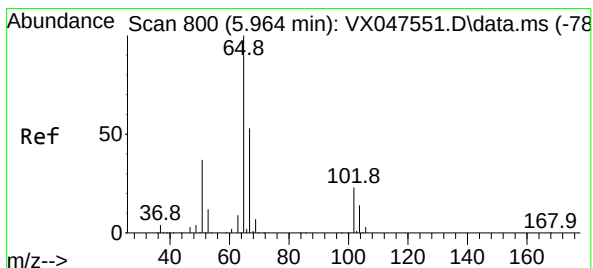
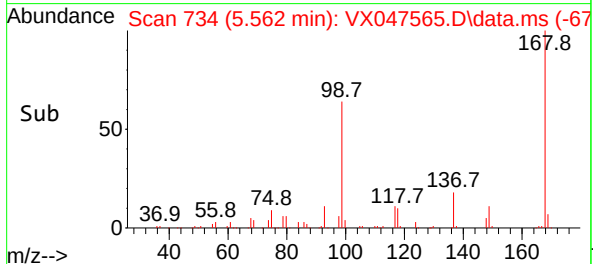
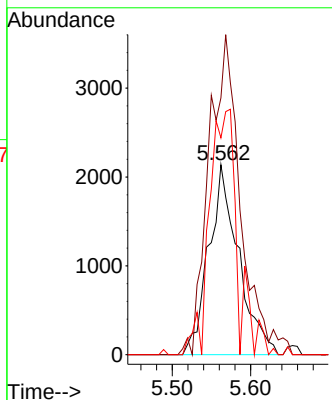
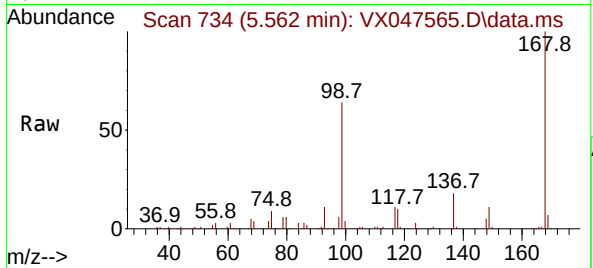




#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

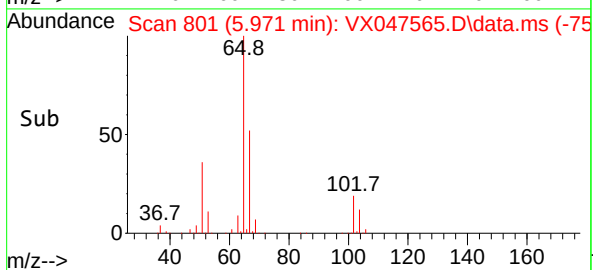
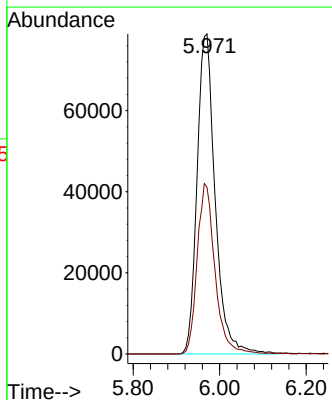
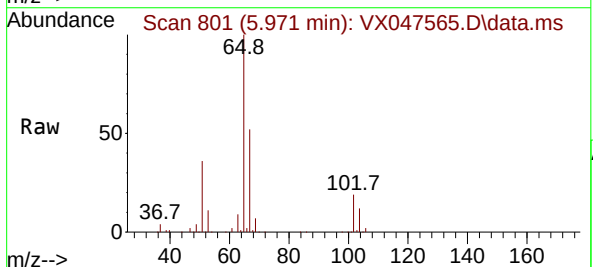
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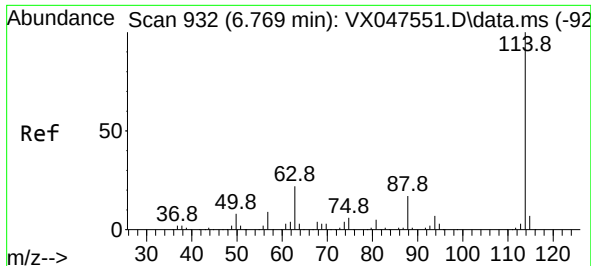
Tgt Ion: 56 Resp: 5653
Ion Ratio Lower Upper
56 100
69 135.2 24.2 36.2#
84 114.2 65.5 98.3#



#33
1,2-Dichloroethane-d4
Concen: 59.010 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 65 Resp: 228959
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.8

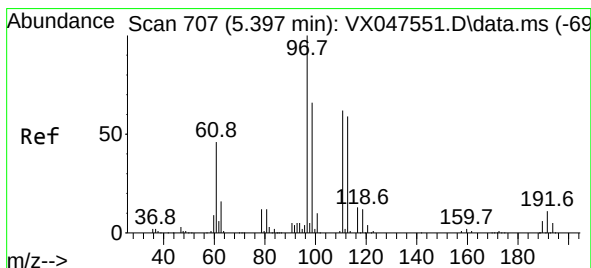
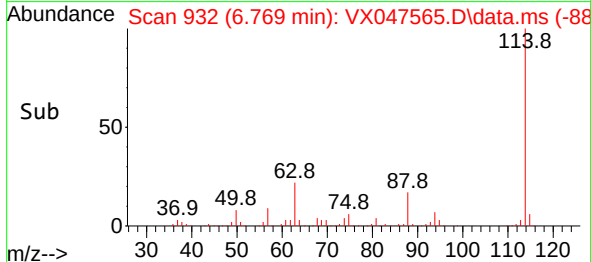
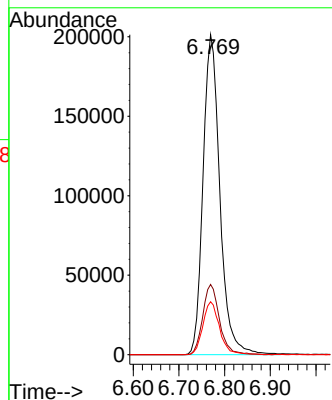
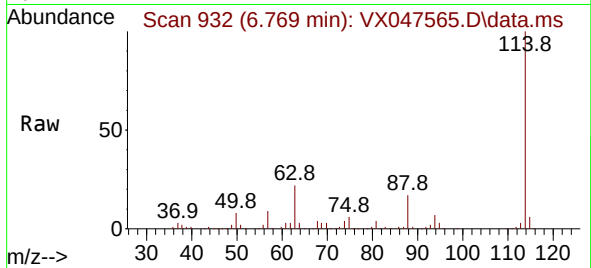




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

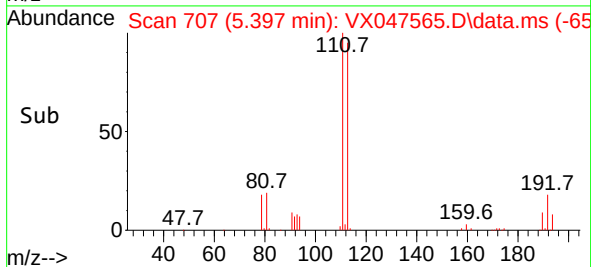
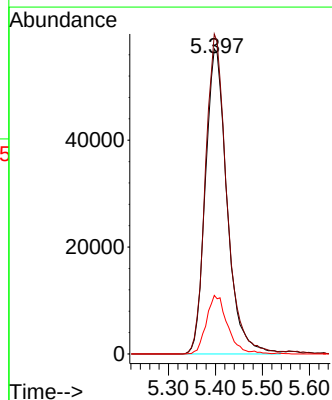
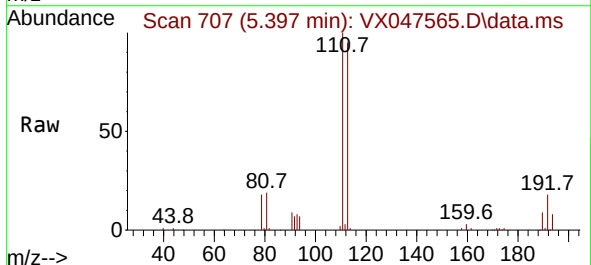
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

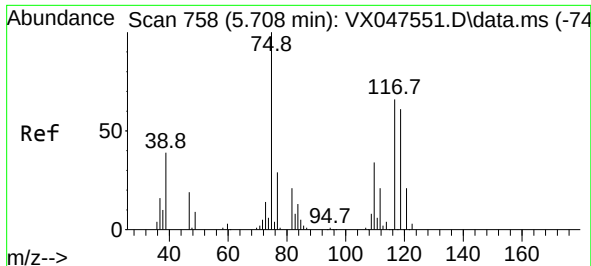
Tgt Ion:114 Resp: 514384
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.6
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.618 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion:113 Resp: 182234
Ion Ratio Lower Upper
113 100
111 103.5 81.2 121.8
192 18.9 14.2 21.4

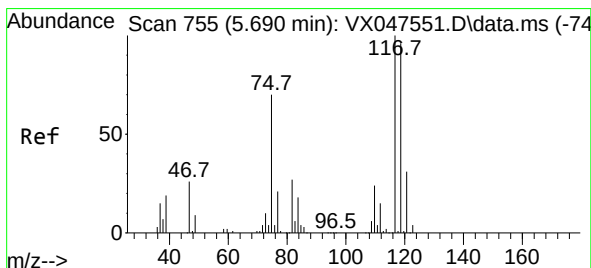
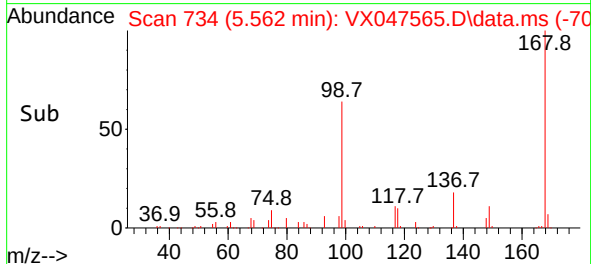
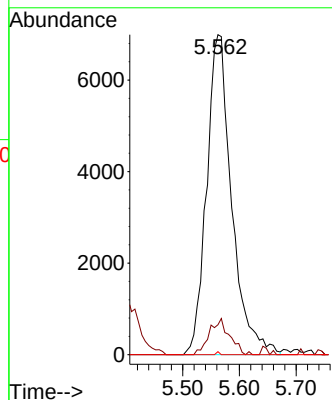
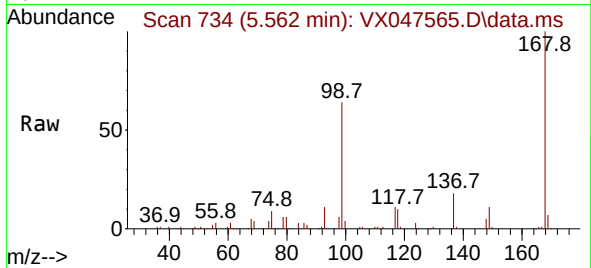




#36
1,1-Dichloropropene
Concen: 4.269 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.146 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

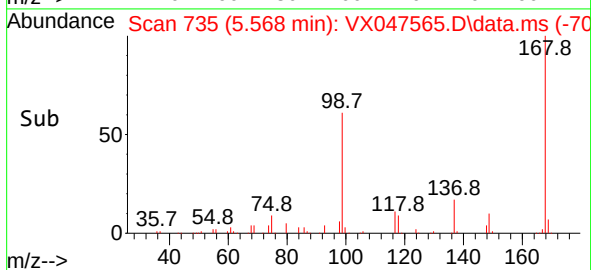
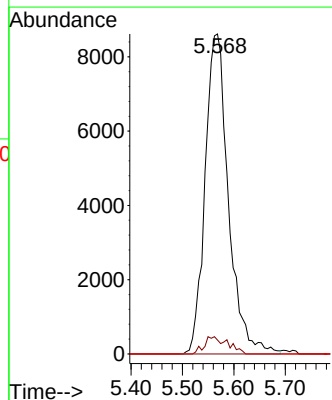
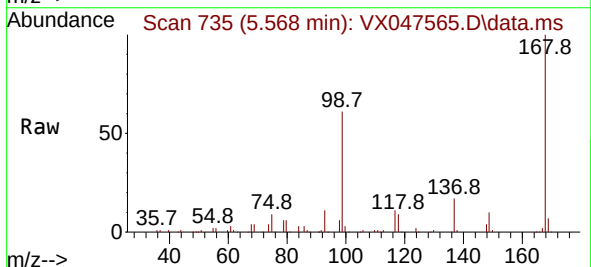
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

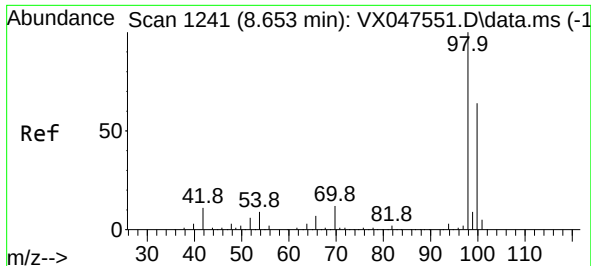
Tgt Ion: 75 Resp: 21449
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.3#
77 0.1 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 4.871 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 117 Resp: 27156
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 24.9 37.3#

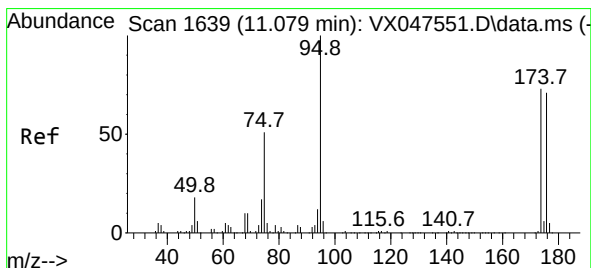
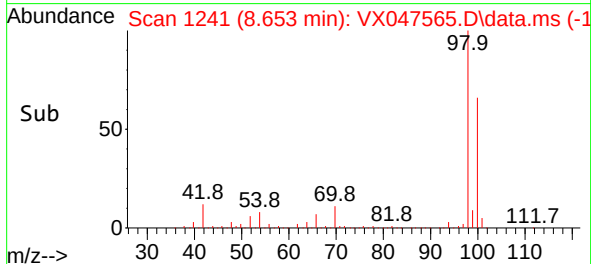
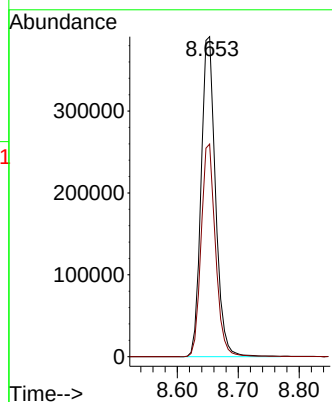
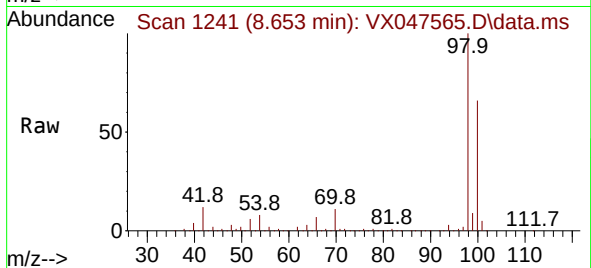




#50
Toluene-d8
Concen: 51.787 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

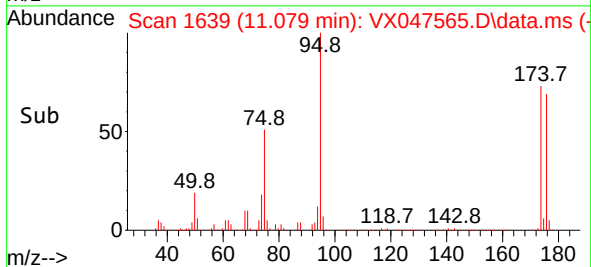
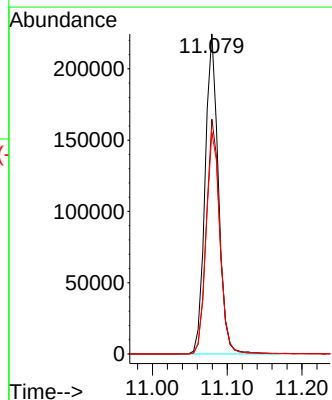
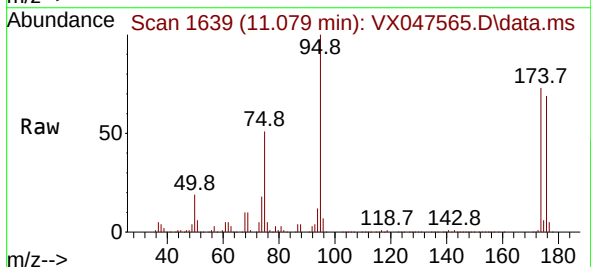
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

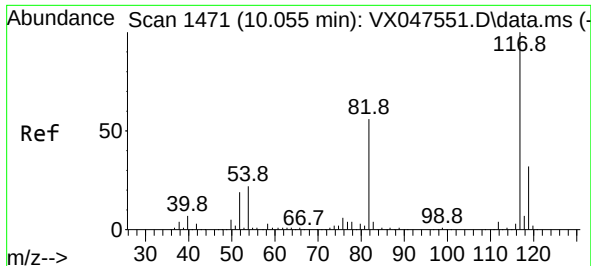
Tgt Ion: 98 Resp: 640850
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 59.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 95 Resp: 277376
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 72.0 0.0 140.4

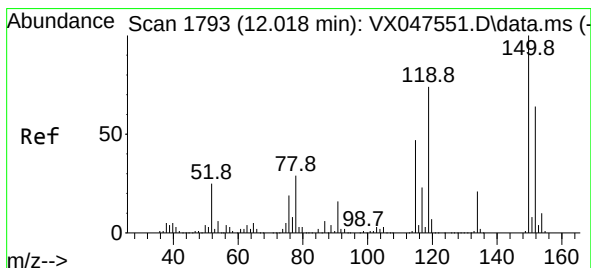
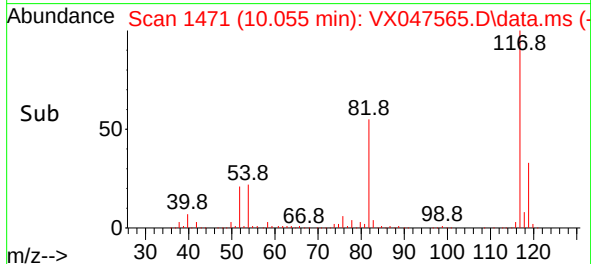
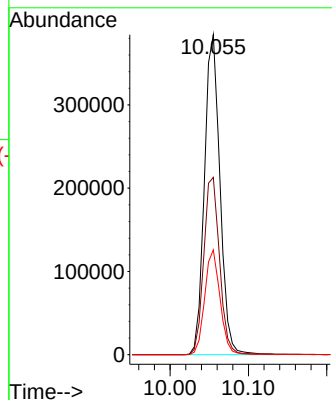
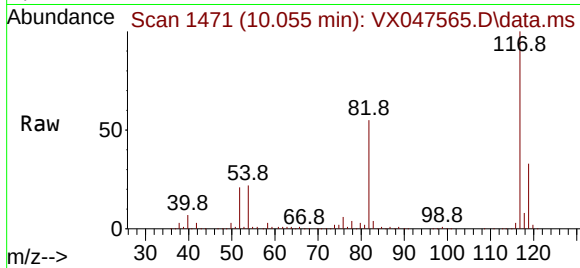




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

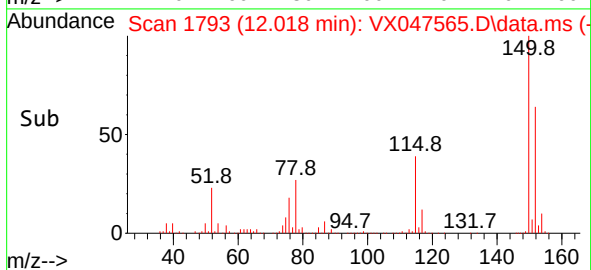
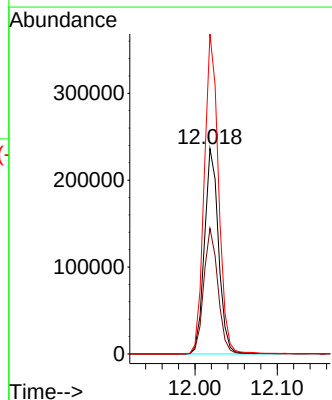
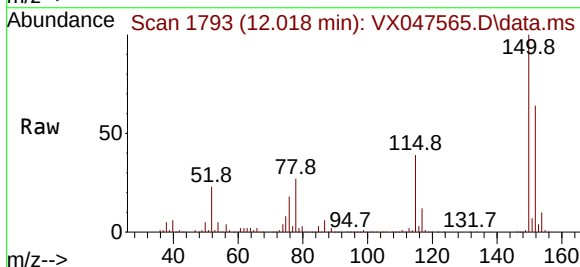
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

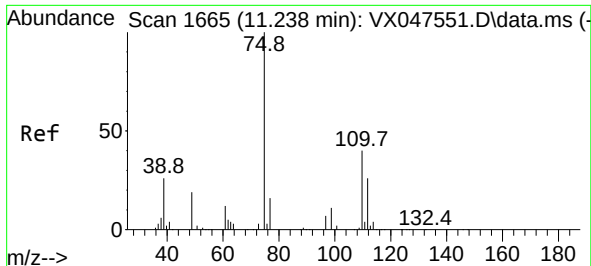
Tgt Ion:117 Resp: 529494
Ion Ratio Lower Upper
117 100
82 55.4 44.6 66.8
119 32.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

Tgt Ion:152 Resp: 281595
Ion Ratio Lower Upper
152 100
115 61.8 42.9 128.5
150 158.0 0.0 351.0

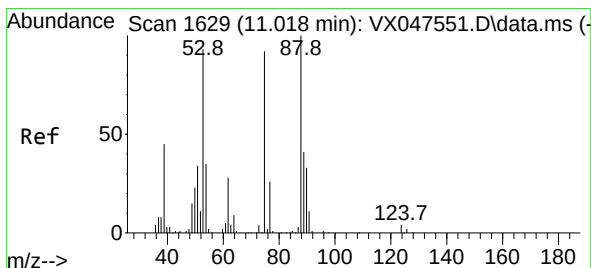
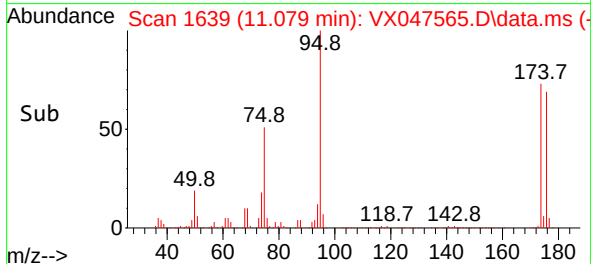
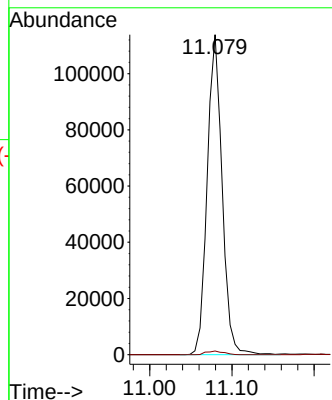
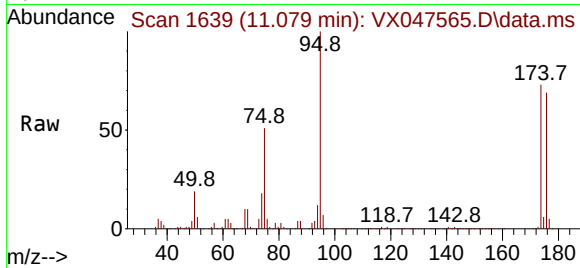




#76
1,2,3-Trichloropropane
Concen: 28.501 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

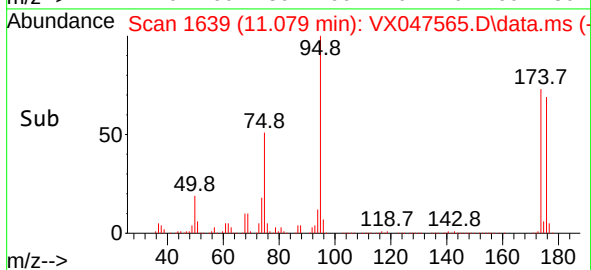
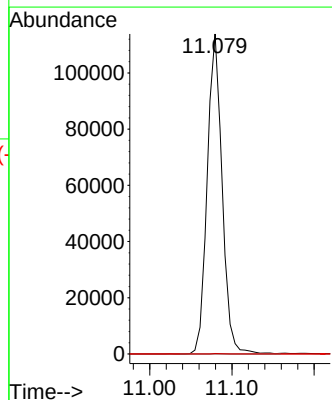
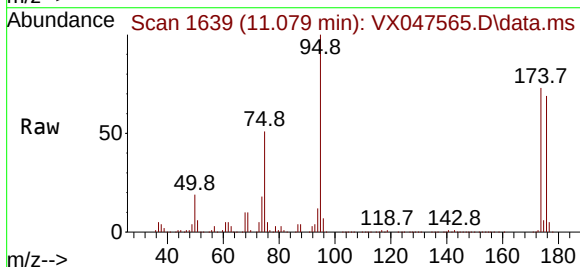
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

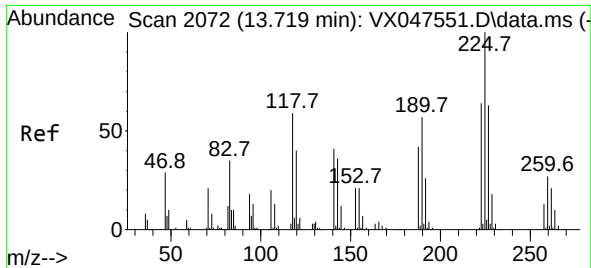
Tgt Ion: 75 Resp: 143238
Ion Ratio Lower Upper
75 100
77 1.3 19.7 59.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047565.D
Acq: 29 Aug 2025 13:03

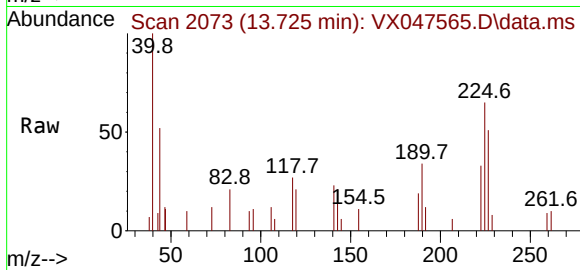
Tgt Ion: 75 Resp: 143238
Ion Ratio Lower Upper
75 100
53 0.1 85.7 128.5#
89 0.0 36.4 54.6#





#94
 Hexachlorobutadiene
 Concen: 0.327 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX047565.D
 Acq: 29 Aug 2025 13:03

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT



Tgt Ion:	225	Resp:	670
Ion	Ratio	Lower	Upper
225	100		
223	70.6	31.1	93.5
227	69.1	31.8	95.3

