

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047409.D
 Acq On : 19 Aug 2025 14:07
 Operator : JC/MD
 Sample : Q2815-26
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB

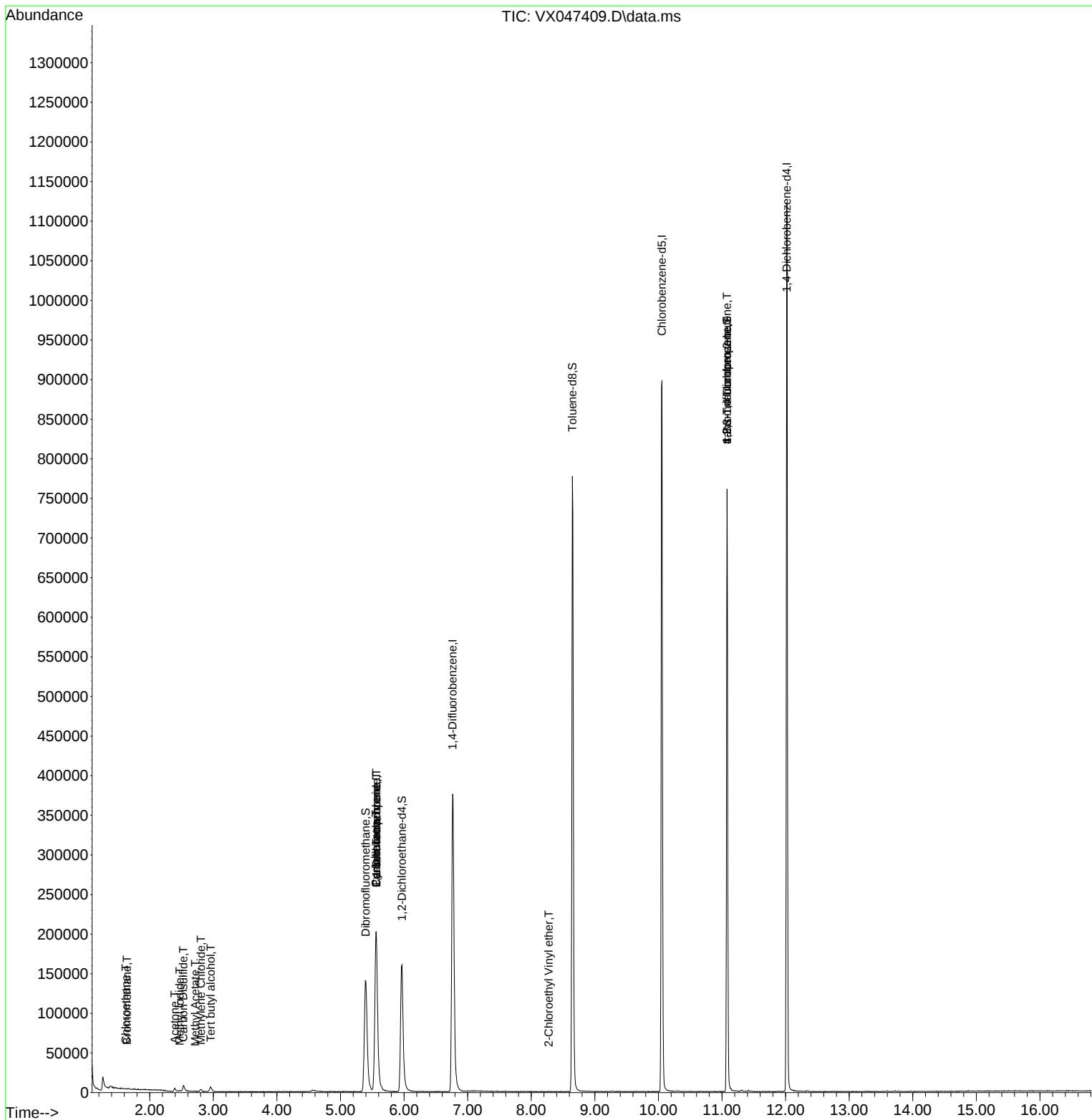
Quant Time: Aug 20 01:26:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

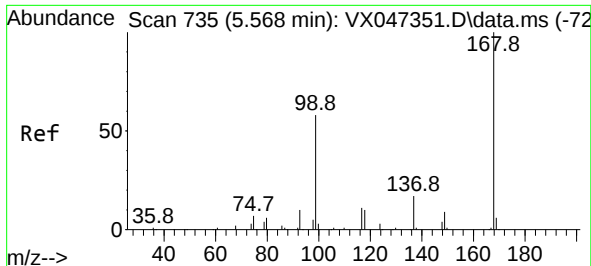
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	201862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	410421	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	218514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	171488	60.701	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.400%#
35) Dibromofluoromethane	5.398	113	135146	50.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	8.647	98	471537	49.528	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.060%
62) 4-Bromofluorobenzene	11.079	95	201494	57.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	114.700%
Target Compounds						
						Qvalue
5) Bromomethane	1.642	94	442	0.377	ug/l #	59
6) Chloroethane	1.624	64	1040	0.585	ug/l #	44
10) Methyl Iodide	2.471	142	1785	0.418	ug/l #	83
11) Tert butyl alcohol	2.959	59	3127	12.723	ug/l #	77
16) Acetone	2.392	43	4663	4.391	ug/l	94
17) Carbon Disulfide	2.526	76	7842	1.022	ug/l #	75
18) Methyl Acetate	2.715	43	716	0.260	ug/l #	53
20) Methylene Chloride	2.807	84	1356	0.482	ug/l #	89
31) Cyclohexane	5.556	56	4547	1.000	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	16863	4.010	ug/l #	50
38) Carbon Tetrachloride	5.562	117	21808	4.746	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.275	63	68	8.387	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	105961	26.439	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	105961	104.712	ug/l #	7

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

Quant Time: Aug 20 01:26:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration

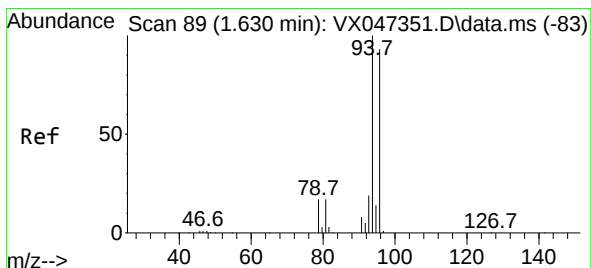
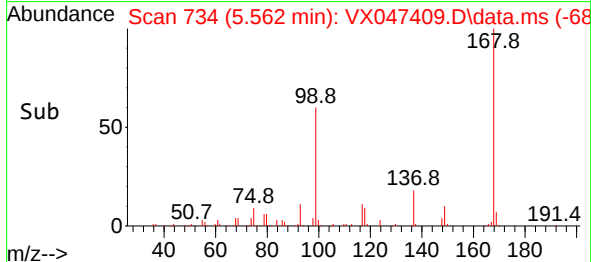
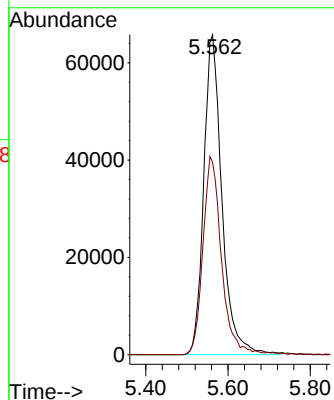
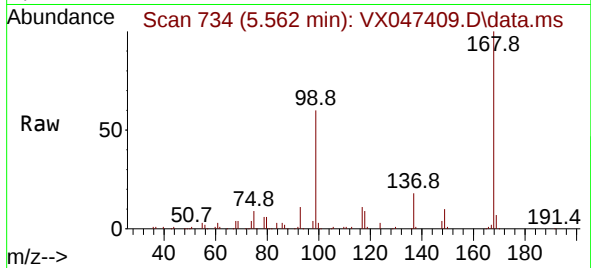




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

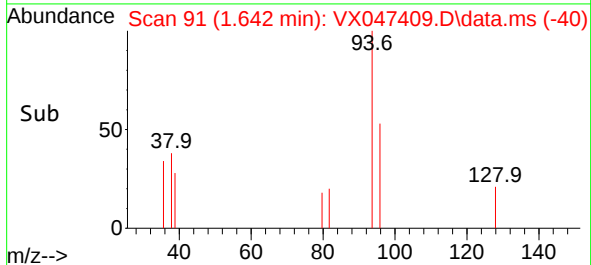
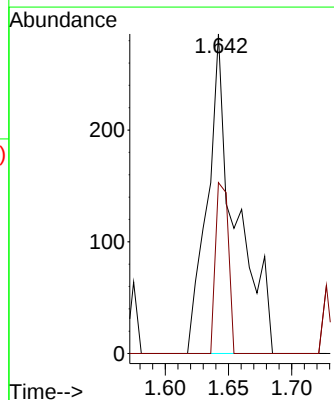
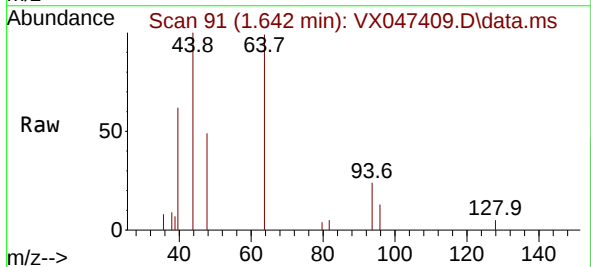
Instrument :
MSVOA_X
ClientSampleId :
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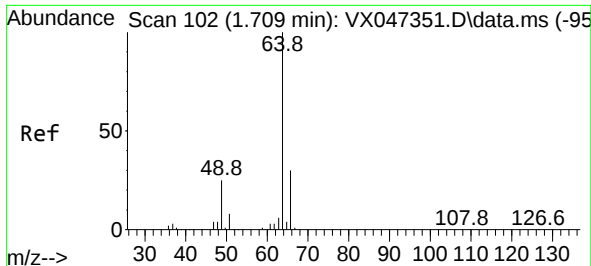
Tgt Ion:168 Resp: 201862
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#5
Bromomethane
Concen: 0.377 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 53.5 74.7 112.1#

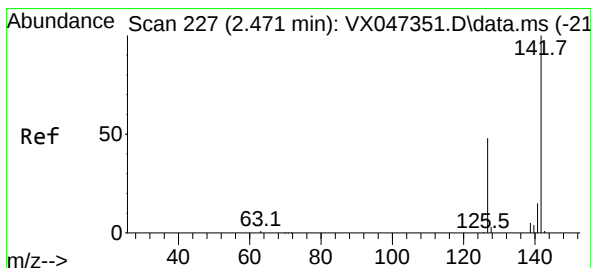
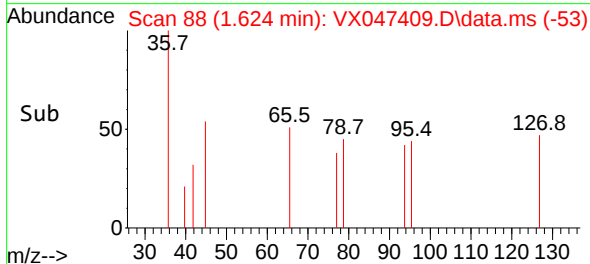
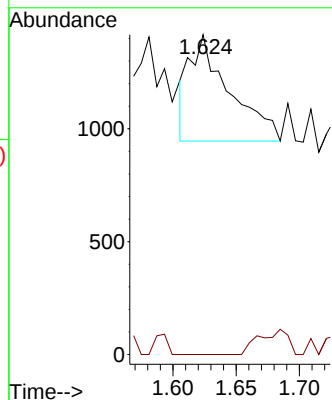
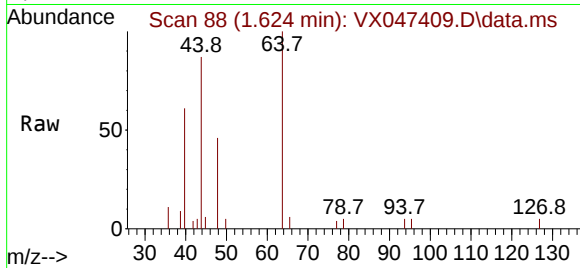




#6
Chloroethane
Concen: 0.585 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.085 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

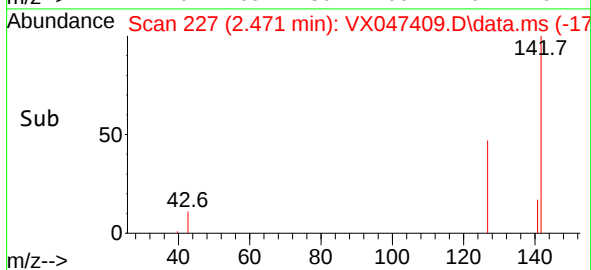
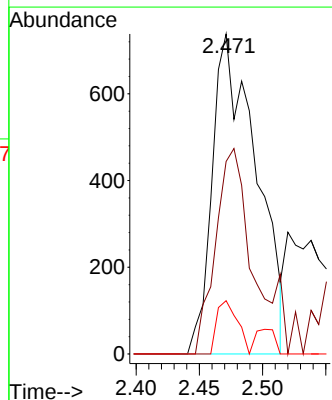
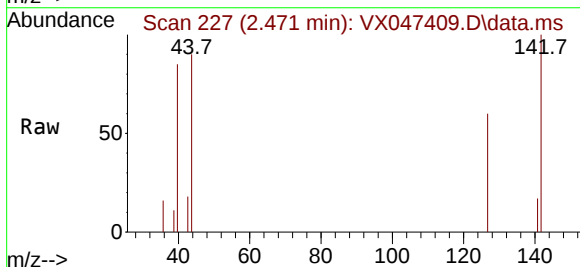
Instrument :
MSVOA_X
ClientSampleId :
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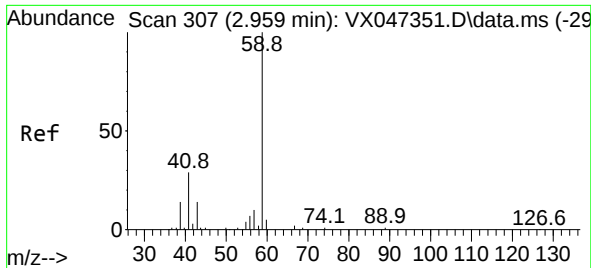
Tgt Ion: 64 Resp: 1040
Ion Ratio Lower Upper
64 100
66 0.0 24.4 36.6#



#10
Methyl Iodide
Concen: 0.418 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion:142 Resp: 1785
Ion Ratio Lower Upper
142 100
127 56.9 36.1 54.1#
141 7.8 11.1 16.7#

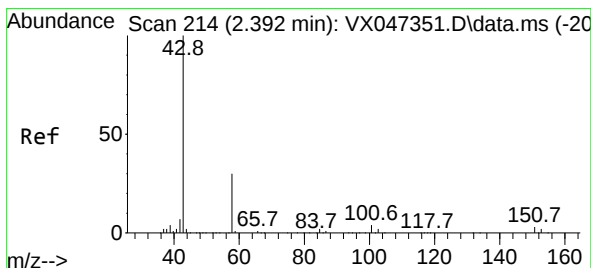
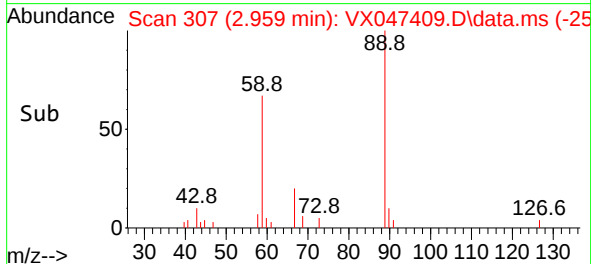
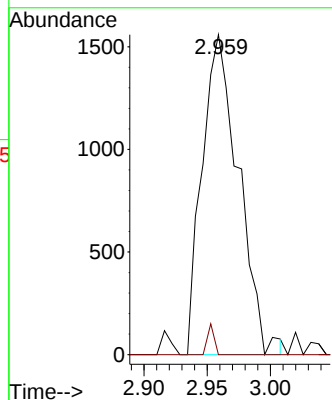
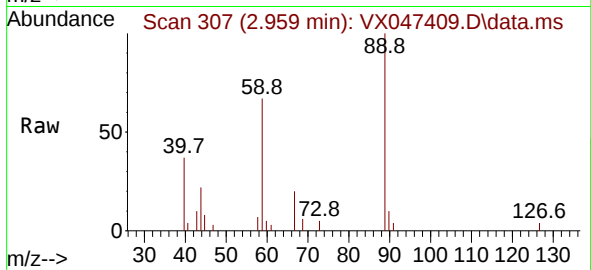




#11
Tert butyl alcohol
Concen: 12.723 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

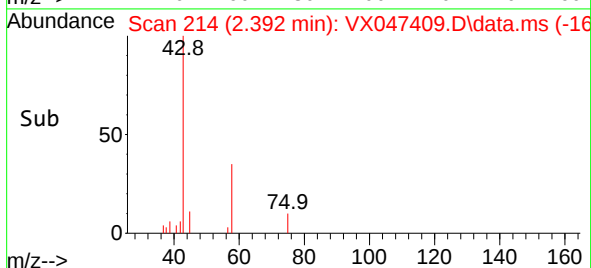
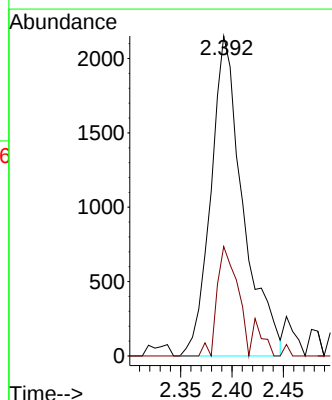
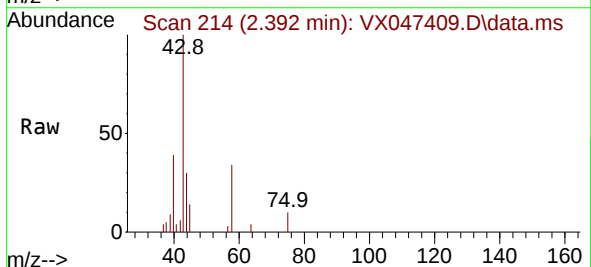
Instrument :
MSVOA_X
ClientSampleId :
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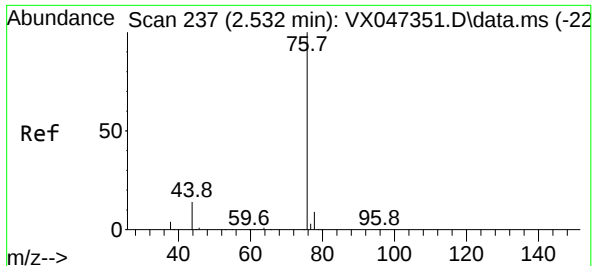
Tgt Ion: 59 Resp: 3127
Ion Ratio Lower Upper
59 100
57 1.8 8.3 12.5#



#16
Acetone
Concen: 4.391 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 43 Resp: 4663
Ion Ratio Lower Upper
43 100
58 34.2 24.8 37.2





#17

Carbon Disulfide

Concen: 1.022 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047409.D

Acq: 19 Aug 2025 14:07

Instrument :

MSVOA_X

ClientSampleId :

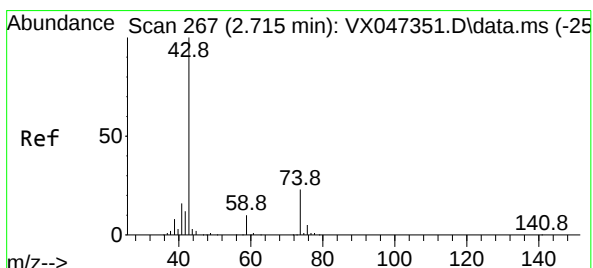
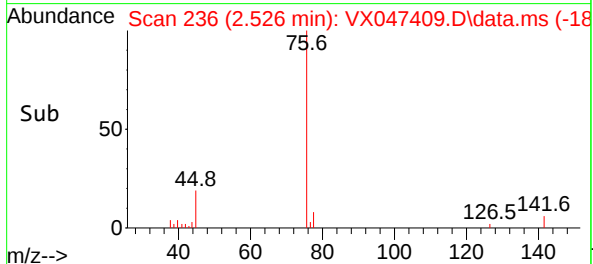
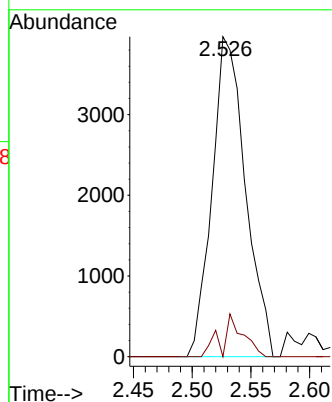
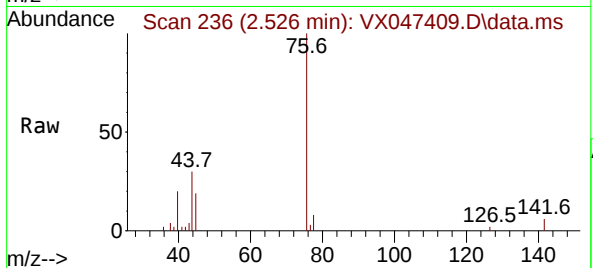
FB

Tgt Ion: 76 Resp: 7842

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.260 ug/l

RT: 2.715 min Scan# 267

Delta R.T. 0.000 min

Lab File: VX047409.D

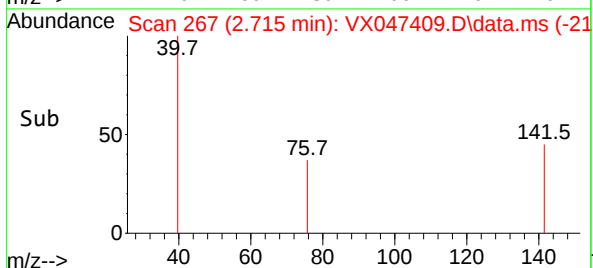
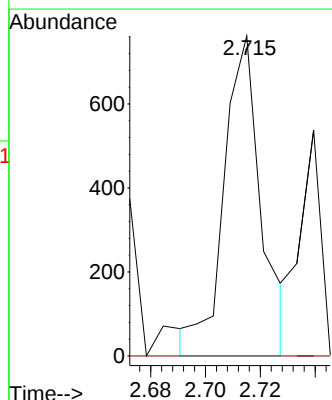
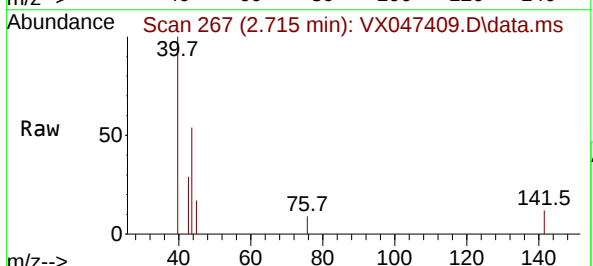
Acq: 19 Aug 2025 14:07

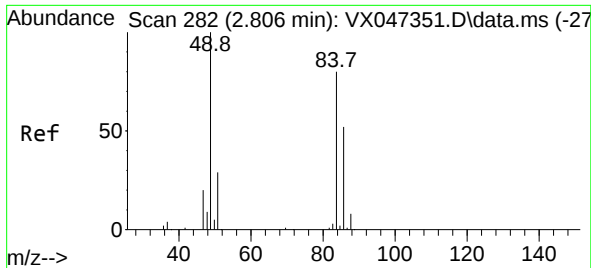
Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

74 0.0 18.4 27.6#

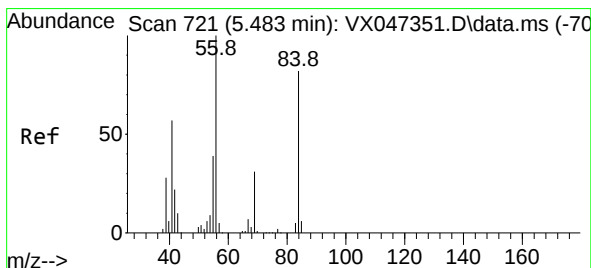
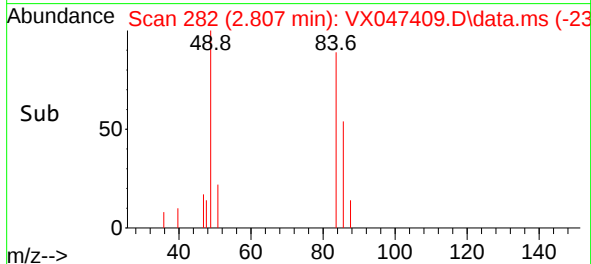
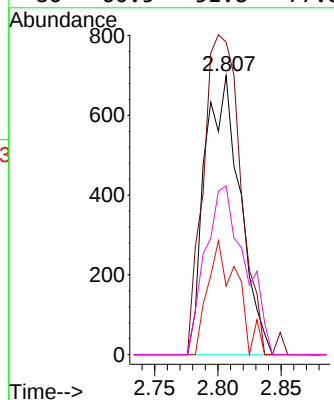
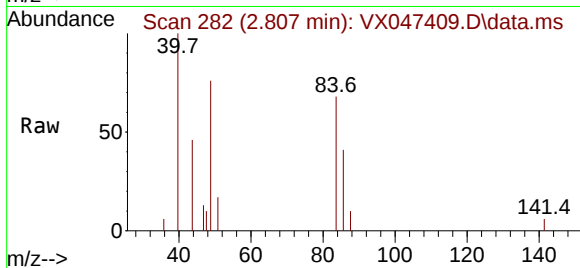




#20
Methylene Chloride
Concen: 0.482 ug/l
RT: 2.807 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

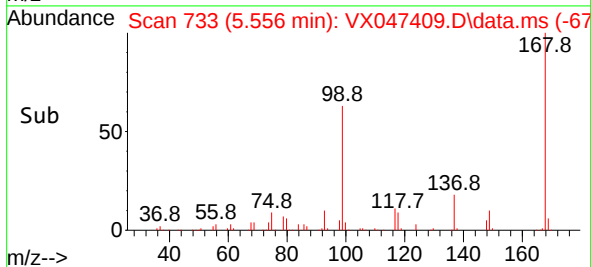
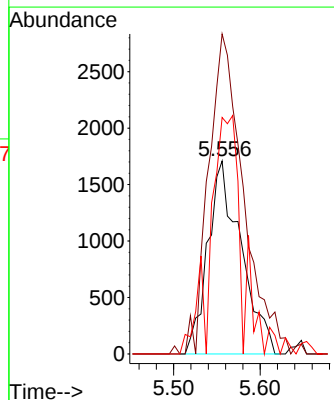
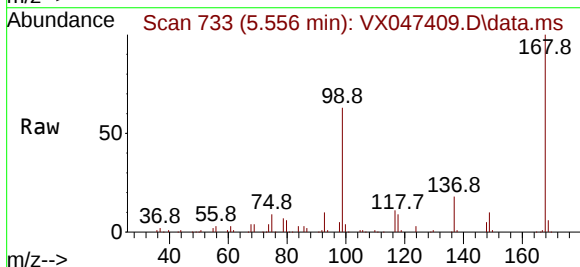
Instrument :
MSVOA_X
ClientSampleId :
FB

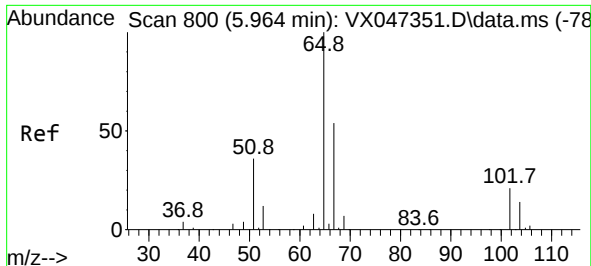
Tgt Ion:	84	Resp:	1356
Ion	Ratio	Lower	Upper
84	100		
49	112.0	100.1	150.1
51	24.6	29.5	44.3#
86	60.5	51.8	77.8



#31
Cyclohexane
Concen: 1.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion:	56	Resp:	4547
Ion	Ratio	Lower	Upper
56	100		
69	165.8	24.3	36.5#
84	122.5	65.3	97.9#

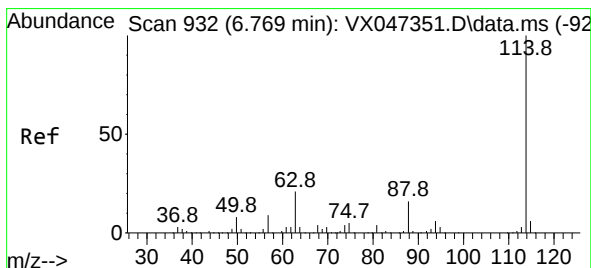
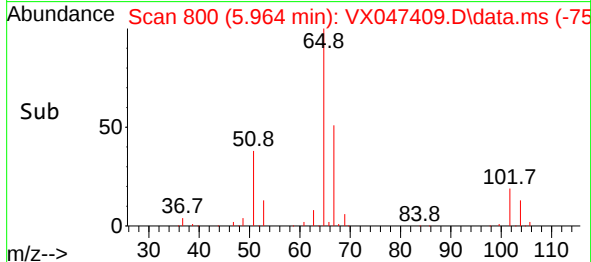
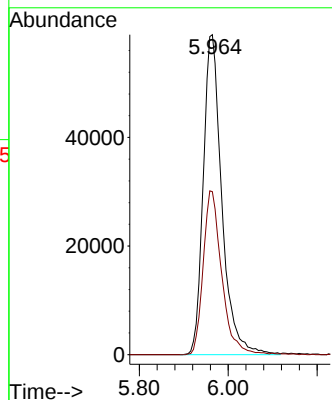
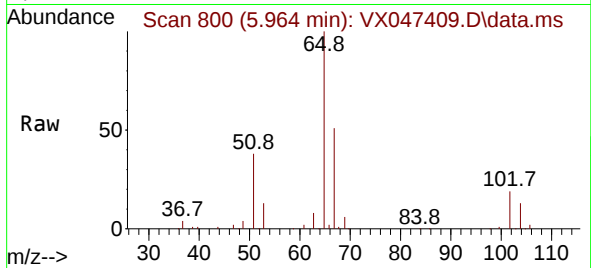




#33
 1,2-Dichloroethane-d4
 Concen: 60.701 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047409.D
 Acq: 19 Aug 2025 14:07

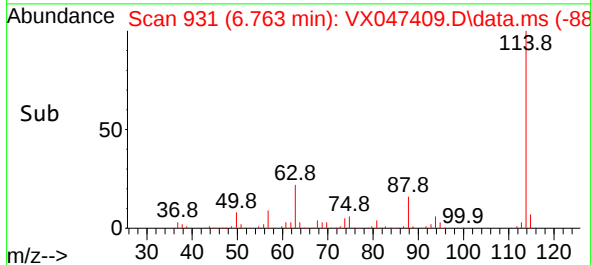
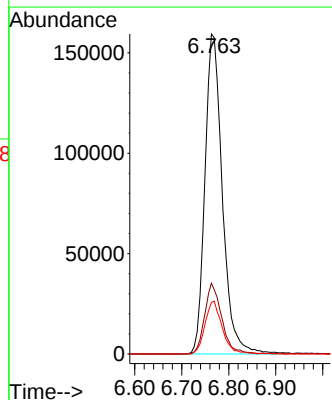
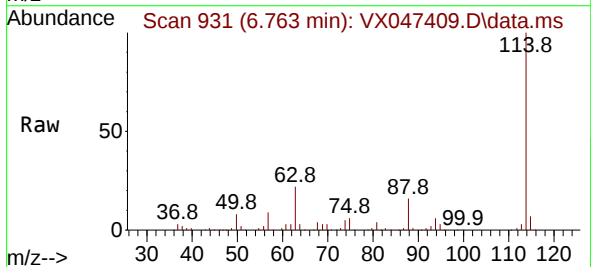
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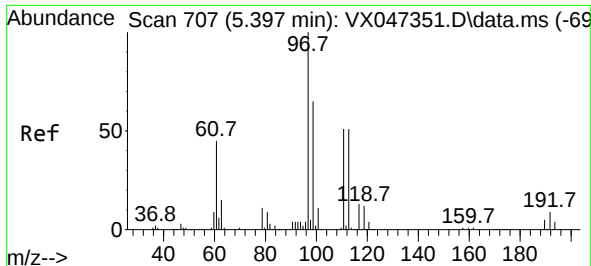
Tgt Ion: 65 Resp: 171488
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047409.D
 Acq: 19 Aug 2025 14:07

Tgt Ion: 114 Resp: 410421
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.4
 88 16.1 0.0 33.0

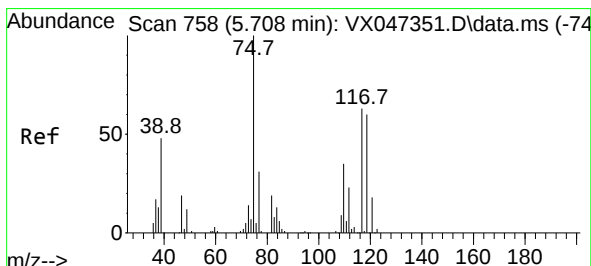
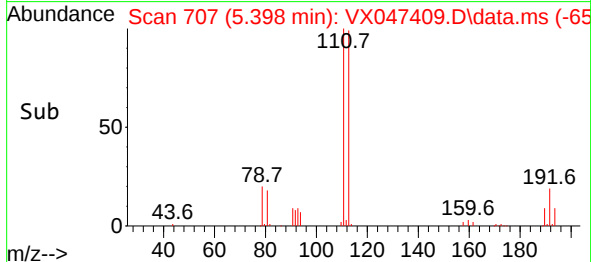
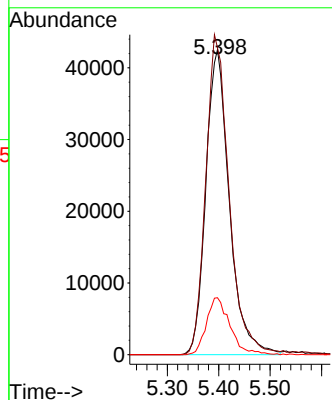
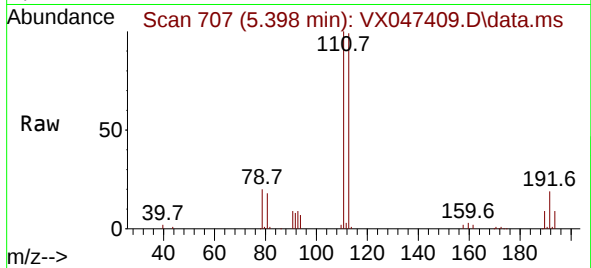




#35
Dibromofluoromethane
Concen: 50.737 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

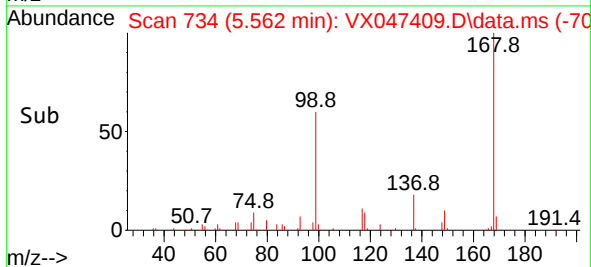
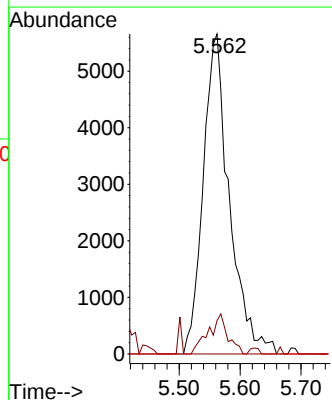
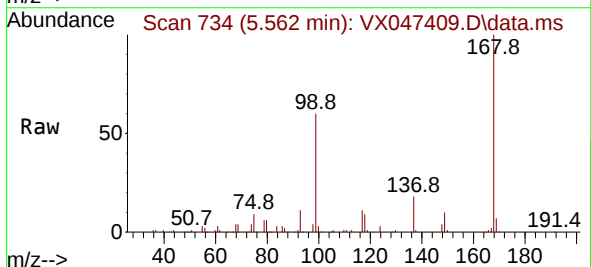
Instrument :
MSVOA_X
ClientSampleId :
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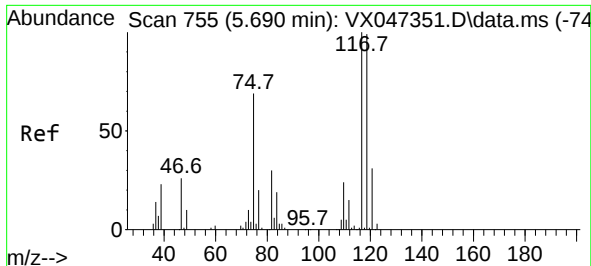
Tgt Ion:113 Resp: 135146
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 18.8 14.1 21.1



#36
1,1-Dichloropropene
Concen: 4.010 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.146 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 75 Resp: 16863
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.2#
77 0.0 24.4 36.6#

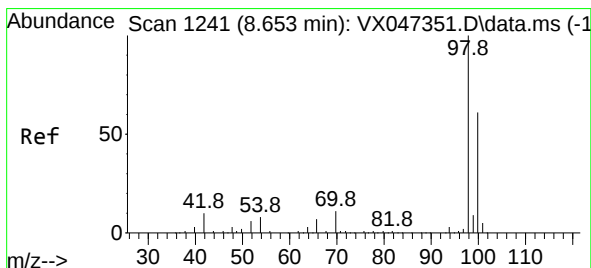
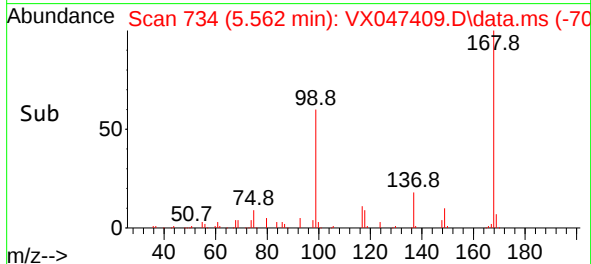
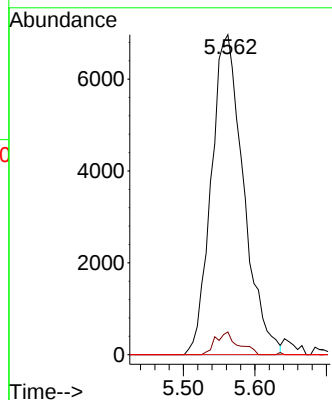
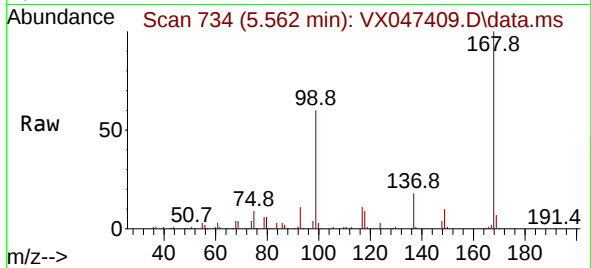




#38
Carbon Tetrachloride
Concen: 4.746 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

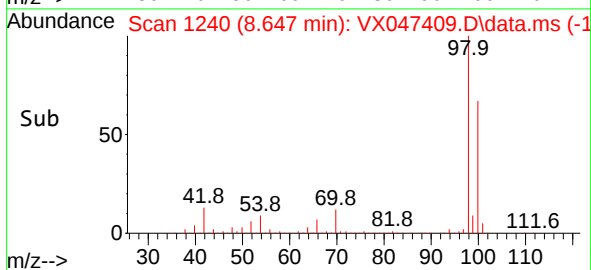
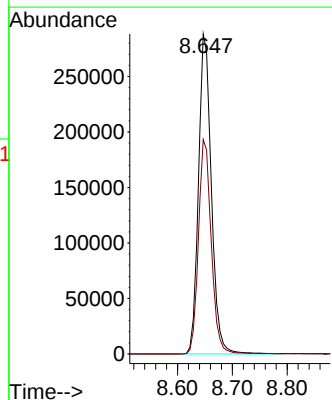
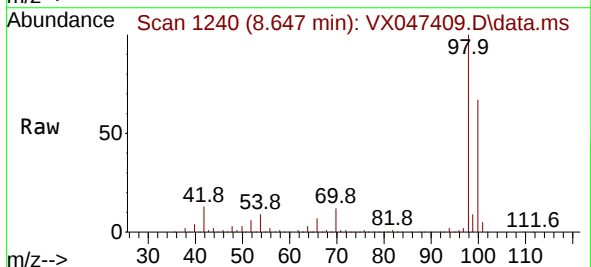
Instrument :
MSVOA_X
ClientSampleId :
FB

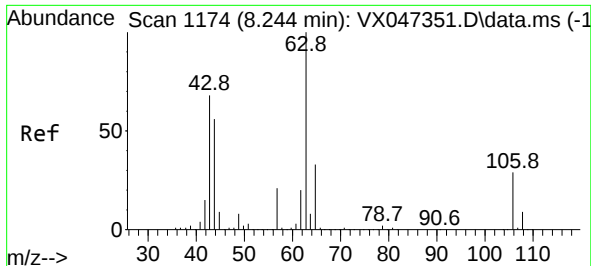
Tgt Ion:117 Resp: 21808
Ion Ratio Lower Upper
117 100
119 7.1 78.5 117.7#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.528 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 98 Resp: 471537
Ion Ratio Lower Upper
98 100
100 66.6 53.9 80.9

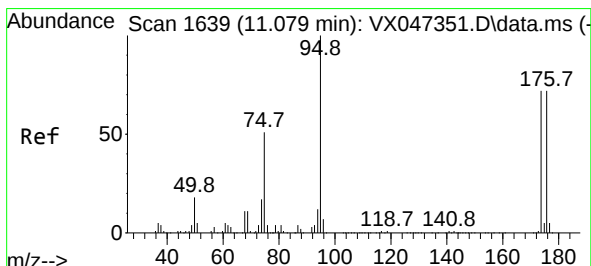
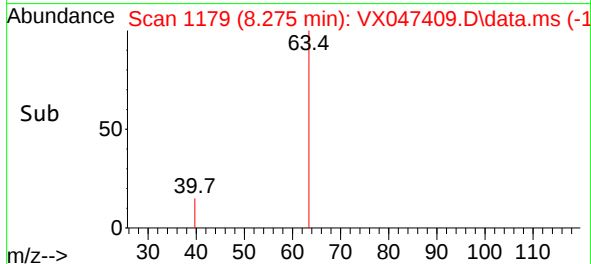
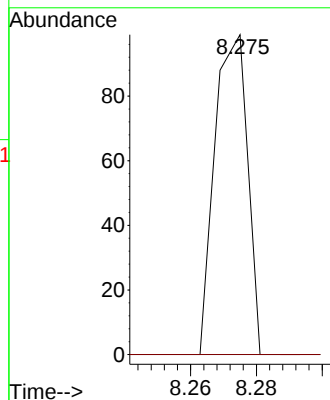
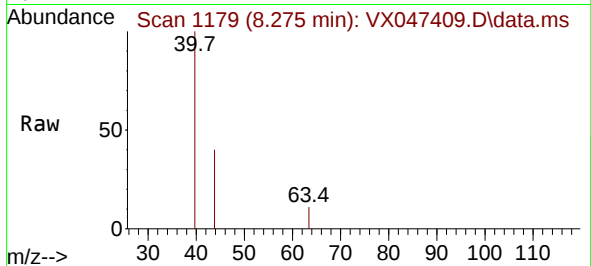




#58
2-Chloroethyl Vinyl ether
Concen: 8.387 ug/l
RT: 8.275 min Scan# 1174
Delta R.T. 0.031 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

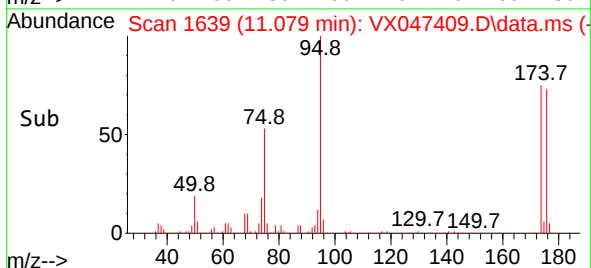
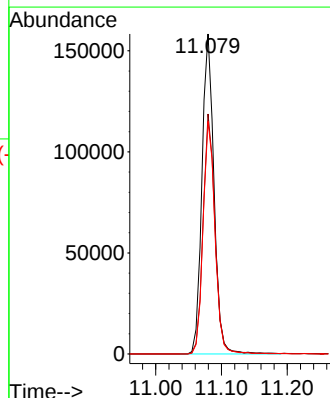
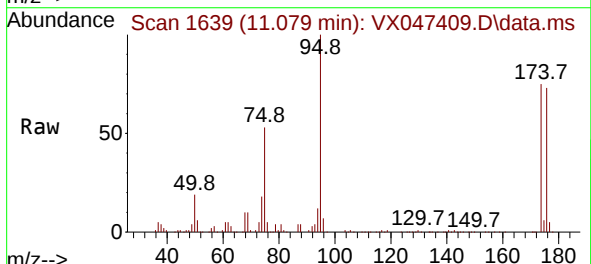
Instrument :
MSVOA_X
ClientSampleId :
FB

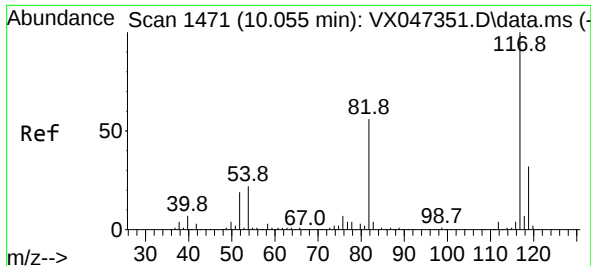
Tgt Ion: 63 Resp: 68
Ion Ratio Lower Upper
63 100
106 0.0 22.8 34.2#



#62
4-Bromofluorobenzene
Concen: 57.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 95 Resp: 201494
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.0
176 71.9 0.0 145.4

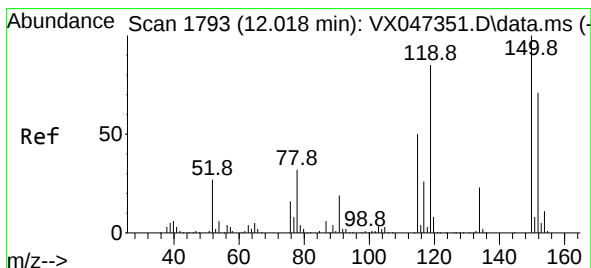
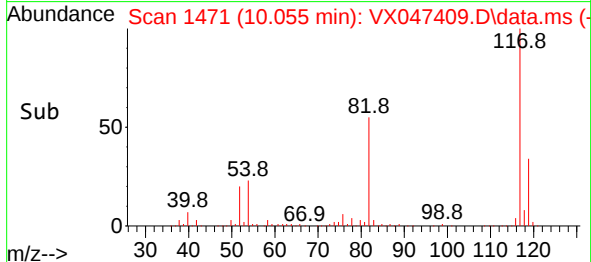
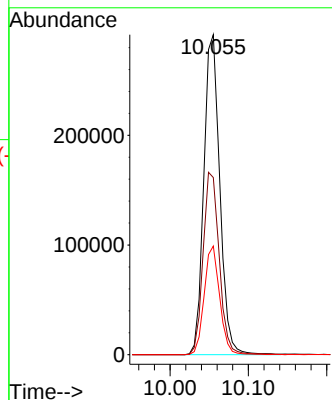
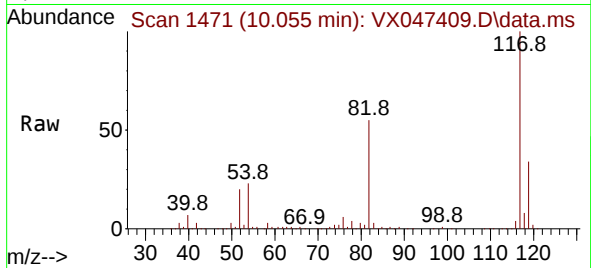




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

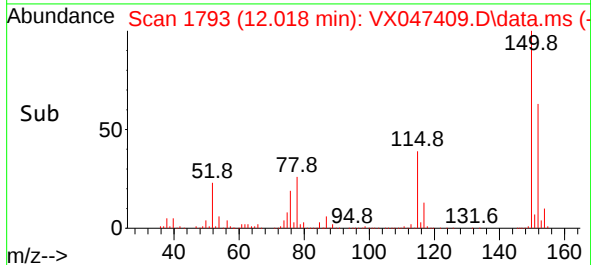
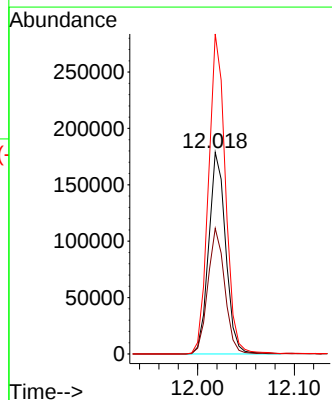
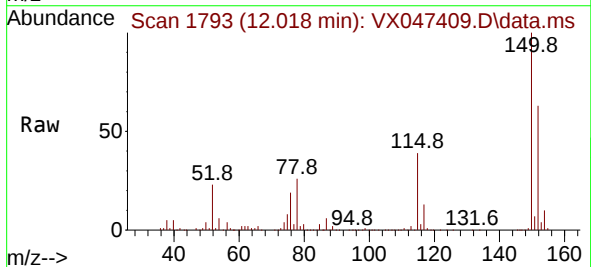
Instrument :
MSVOA_X
ClientSampleId :
FB

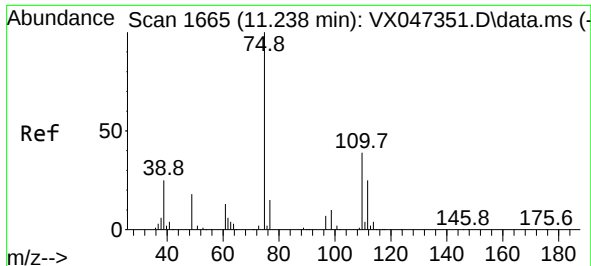
Tgt Ion:117 Resp: 413702
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 33.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion:152 Resp: 218514
Ion Ratio Lower Upper
152 100
115 62.4 44.6 133.8
150 158.1 0.0 349.8

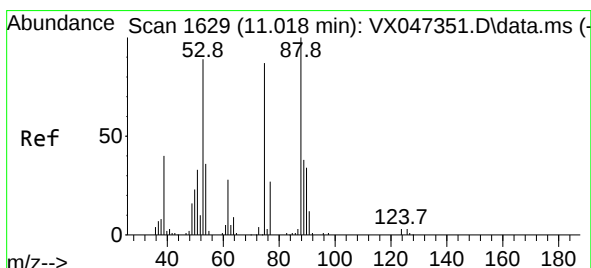
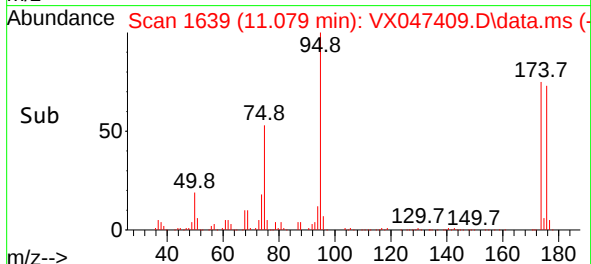
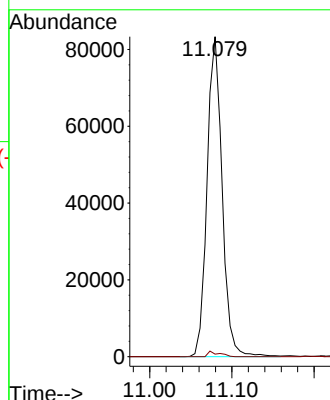
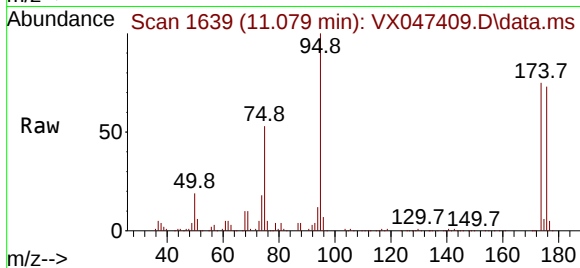




#76
1,2,3-Trichloropropane
Concen: 26.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 75 Resp: 105961
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047409.D
Acq: 19 Aug 2025 14:07

Tgt Ion: 75 Resp: 105961
Ion Ratio Lower Upper
75 100
53 0.0 85.2 127.8#
89 0.0 36.7 55.1#

