

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047226.D
 Acq On : 04 Aug 2025 14:44
 Operator : JC/MD
 Sample : Q2759-04 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIQUID-DRUMS

Quant Time: Aug 05 02:59:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

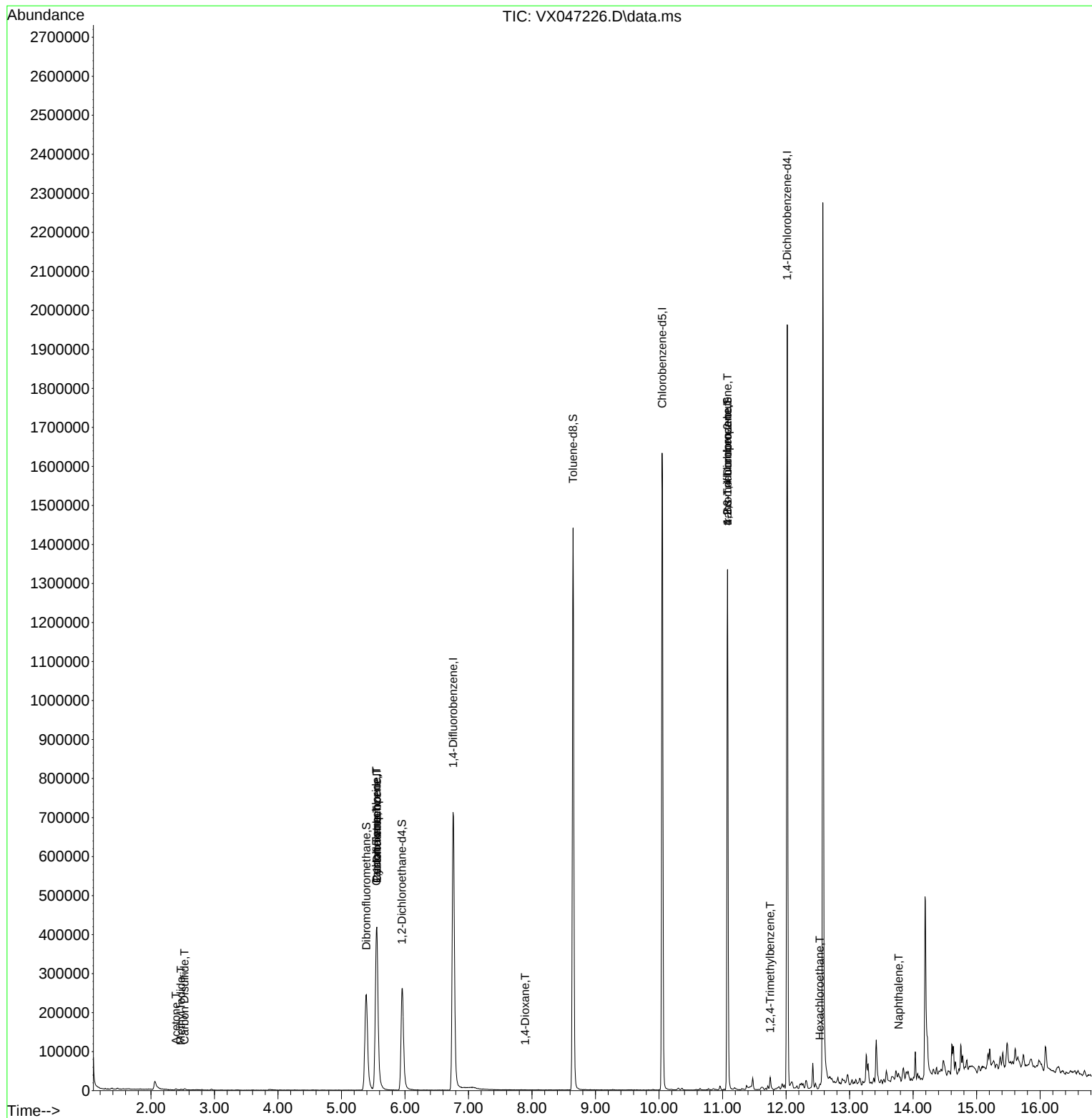
Internal Standards						
1) Pentafluorobenzene	5.556	168	415517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	767441	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.049	117	727115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	372512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	275802	53.284	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.560%			
35) Dibromofluoromethane	5.391	113	234393	49.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	8.647	98	846092	55.137	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.280%			
62) 4-Bromofluorobenzene	11.079	95	355377	53.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.480%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	2420	0.450	ug/l #	88
11) Tert butyl alcohol	2.940	59	65	Below Cal	#	72
16) Acetone	2.392	43	3721	1.795	ug/l #	83
17) Carbon Disulfide	2.526	76	3602	0.238	ug/l #	92
31) Cyclohexane	5.556	56	9086	0.939	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	36150	4.476	ug/l #	52
38) Carbon Tetrachloride	5.550	117	44835	5.201	ug/l #	16
49) 1,4-Dioxane	7.891	88	28	0.389	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	185685	26.930	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	185685	69.383	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	12428	0.513	ug/l	96
90) Hexachloroethane	12.530	117	1013	0.224	ug/l #	15
95) Naphthalene	13.774	128	12204	0.492	ug/l #	90

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

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ALS Vial : 12 Sample Multiplier: 1

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Quant Time: Aug 05 02:59:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
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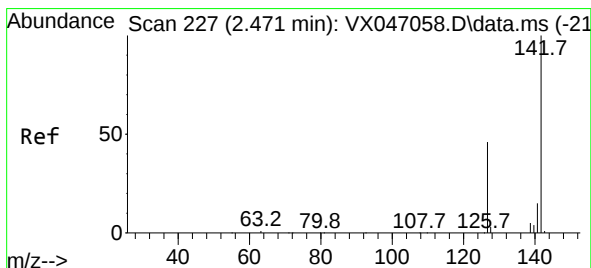
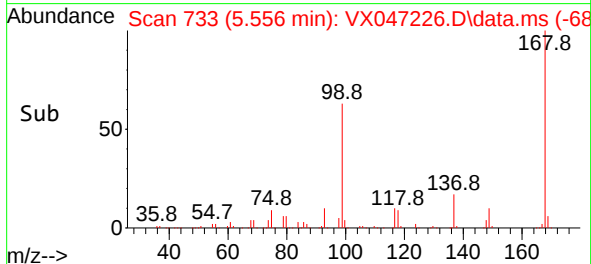
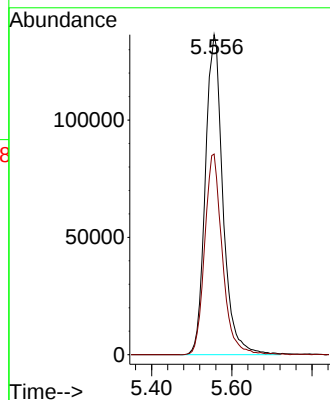
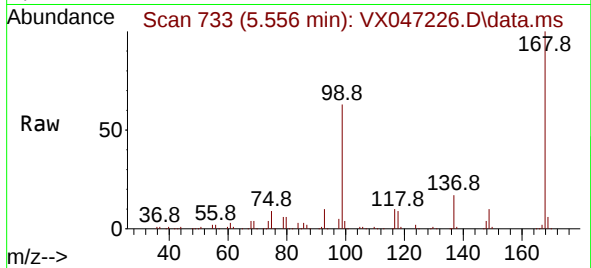




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

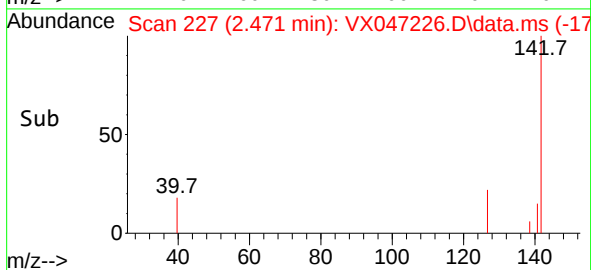
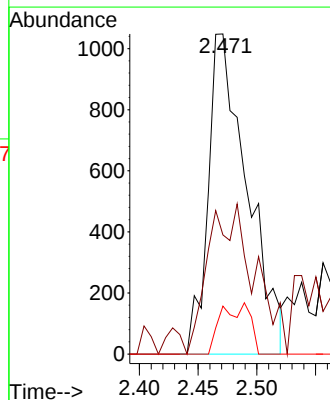
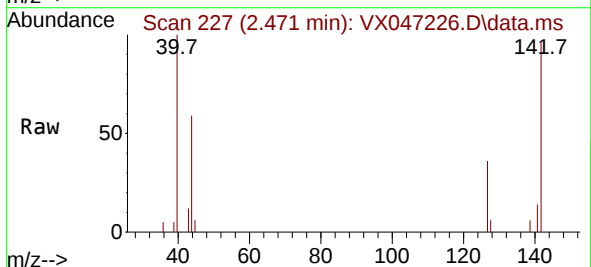
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

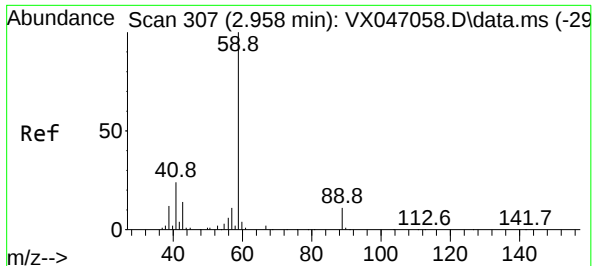
Tgt Ion:168 Resp: 415517
Ion Ratio Lower Upper
168 100
99 62.7 48.0 72.0



#10
Methyl Iodide
Concen: 0.450 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion:142 Resp: 2420
Ion Ratio Lower Upper
142 100
127 55.3 36.6 54.8#
141 11.8 10.9 16.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX047226.D

Acq: 04 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

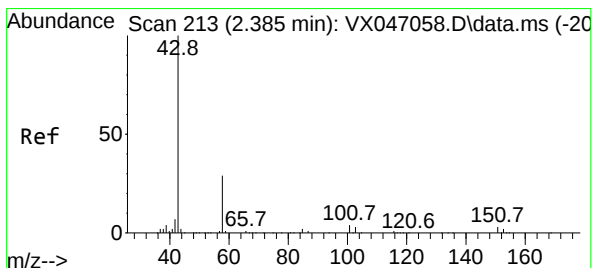
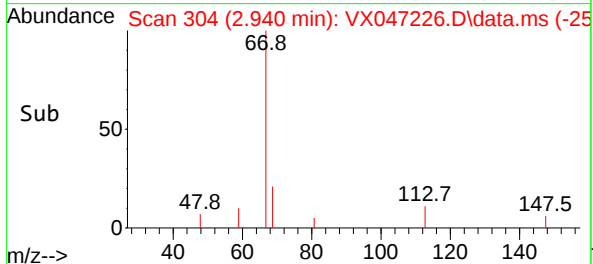
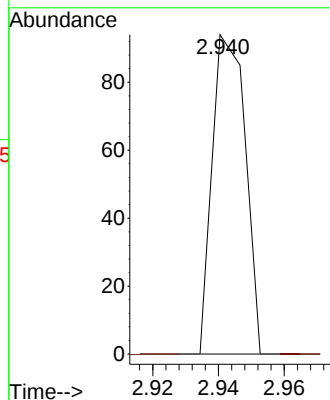
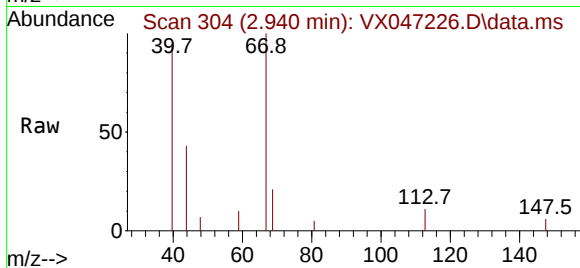
LIQUID-DRUMS

Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#16

Acetone

Concen: 1.795 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX047226.D

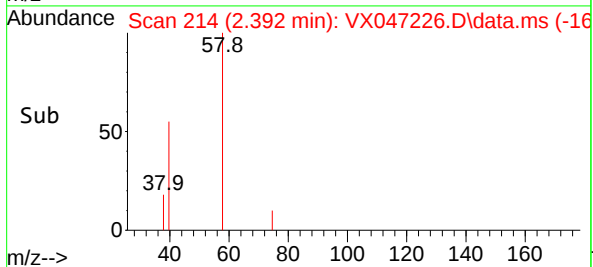
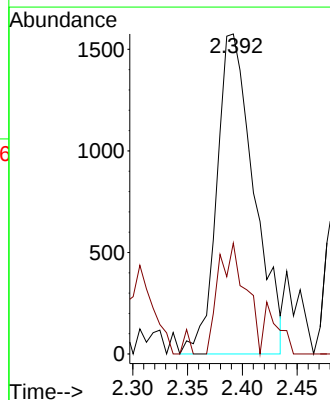
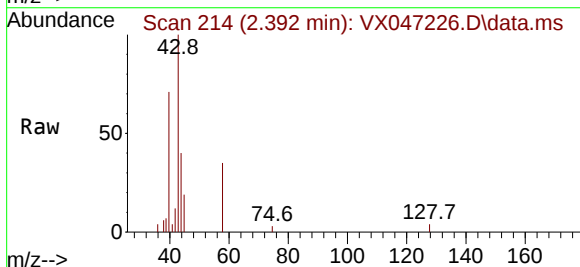
Acq: 04 Aug 2025 14:44

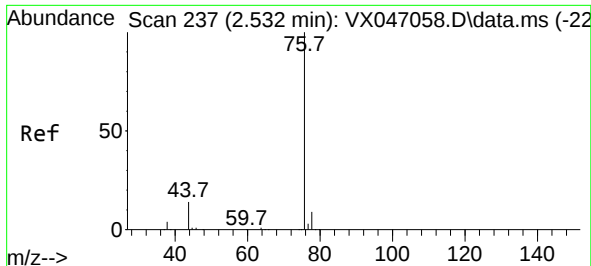
Tgt Ion: 43 Resp: 3721

Ion Ratio Lower Upper

43 100

58 39.3 24.0 36.0#





#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX047226.D

Acq: 04 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

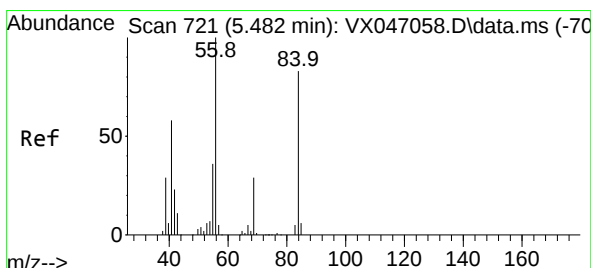
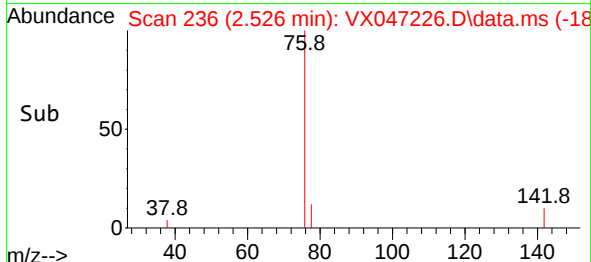
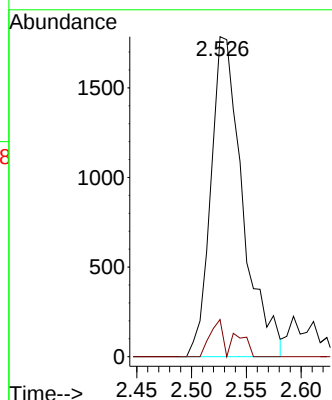
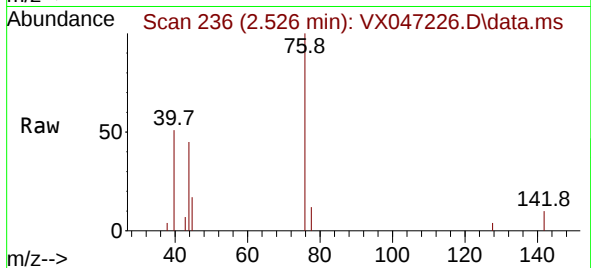
LIQUID-DRUMS

Tgt Ion: 76 Resp: 3602

Ion Ratio Lower Upper

76 100

78 11.6 7.0 10.4#



#31

Cyclohexane

Concen: 0.939 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.074 min

Lab File: VX047226.D

Acq: 04 Aug 2025 14:44

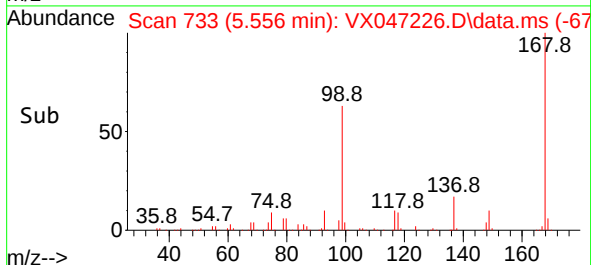
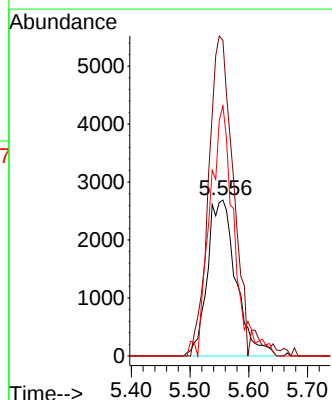
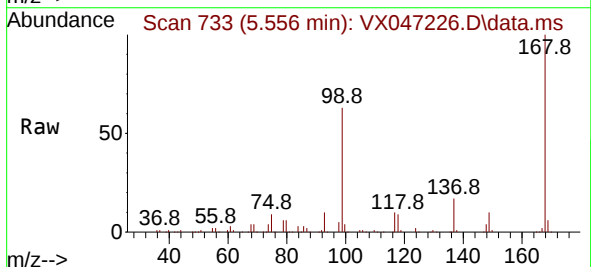
Tgt Ion: 56 Resp: 9086

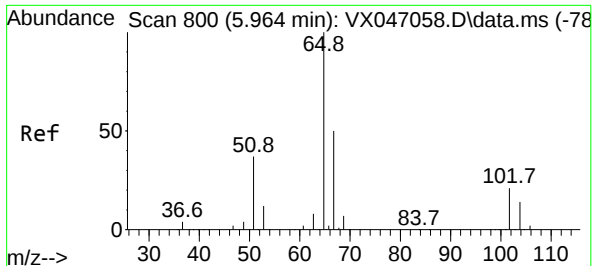
Ion Ratio Lower Upper

56 100

69 204.8 23.3 34.9#

84 160.5 66.5 99.7#

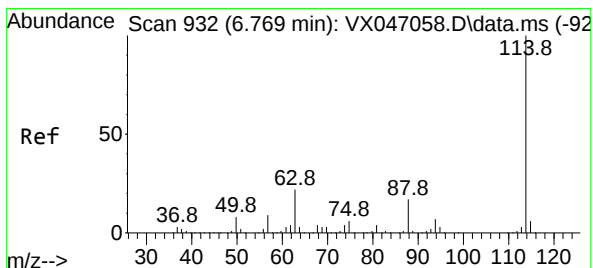
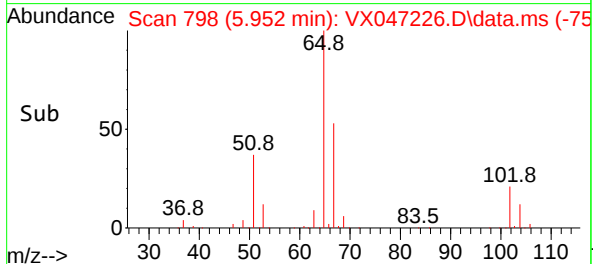
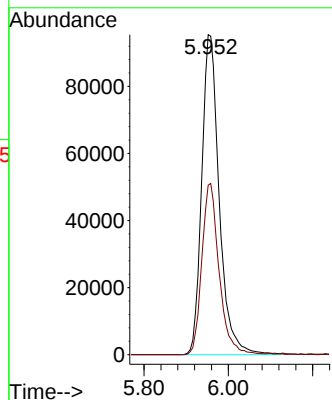
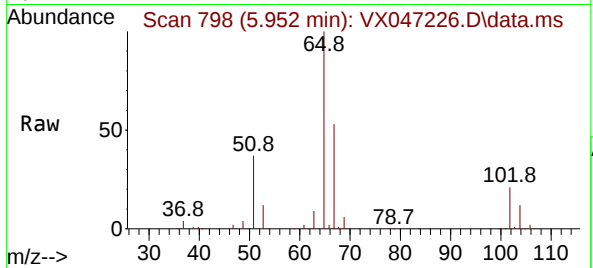




#33
 1,2-Dichloroethane-d4
 Concen: 53.284 ug/l
 RT: 5.952 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

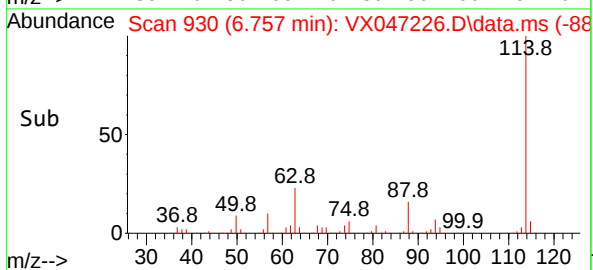
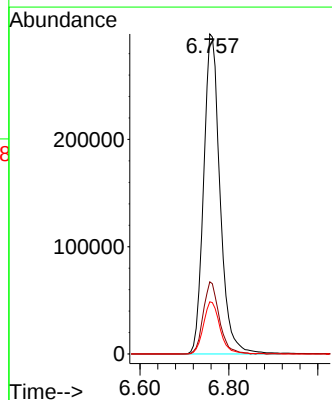
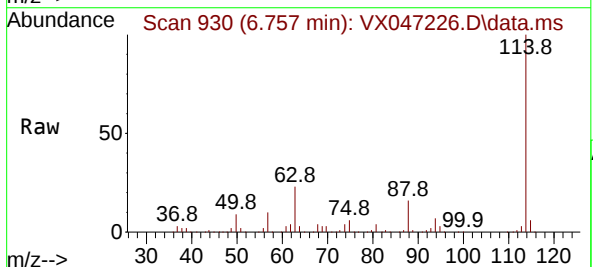
Instrument :
 MSVOA_X
 ClientSampleId :
 LIQUID-DRUMS

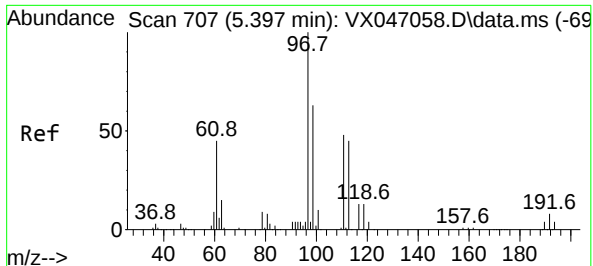
Tgt Ion: 65 Resp: 275802
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.012 min
 Lab File: VX047226.D
 Acq: 04 Aug 2025 14:44

Tgt Ion: 114 Resp: 767441
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.2
 88 16.3 0.0 33.8

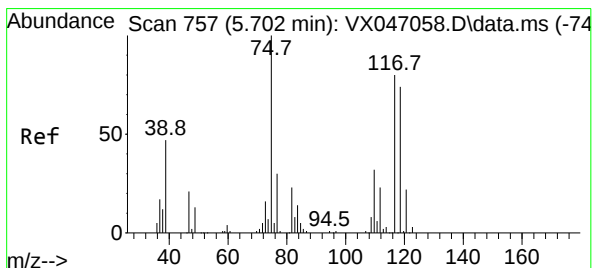
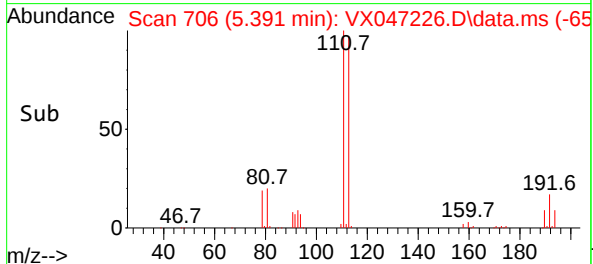
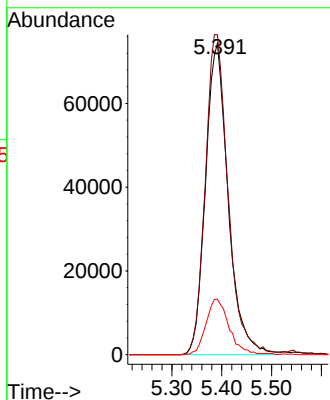
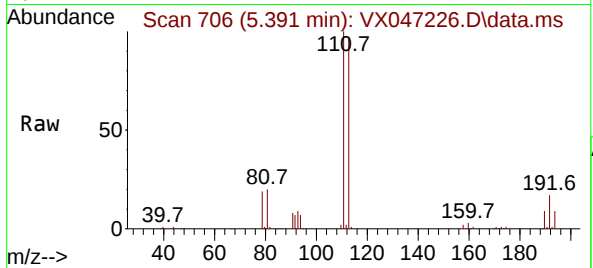




#35
Dibromofluoromethane
Concen: 49.466 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

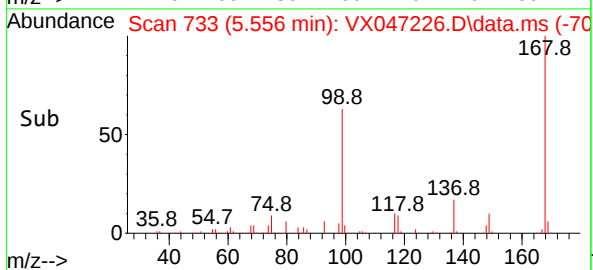
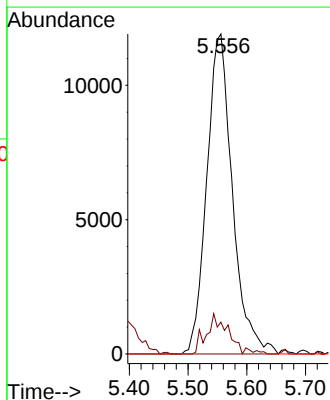
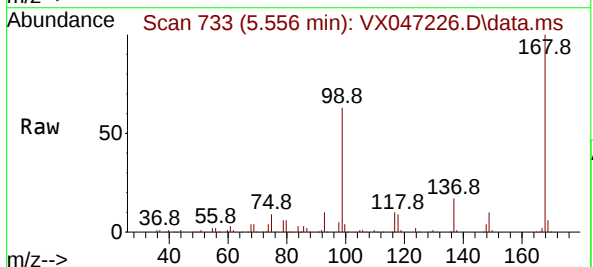
Instrument :
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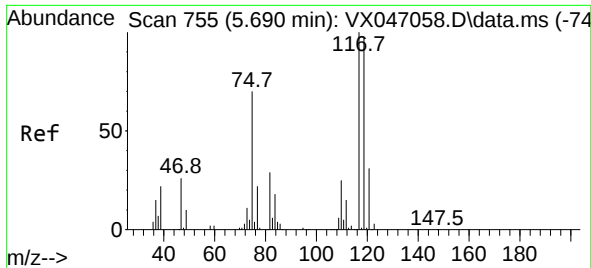
Tgt Ion:113 Resp: 234393
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.3 14.9 22.3



#36
1,1-Dichloropropene
Concen: 4.476 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 75 Resp: 36150
Ion Ratio Lower Upper
75 100
110 10.8 17.2 51.5#
77 0.0 25.1 37.7#

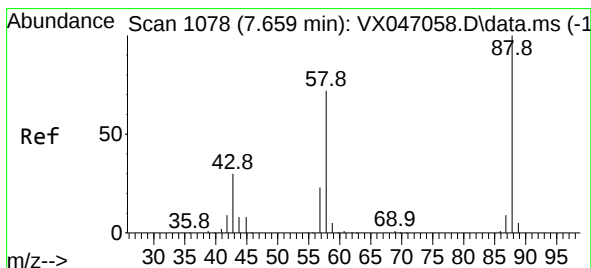
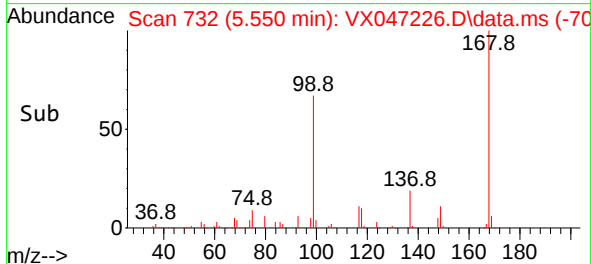
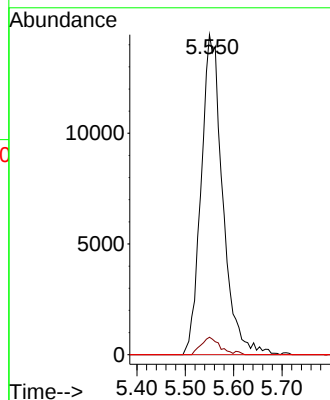
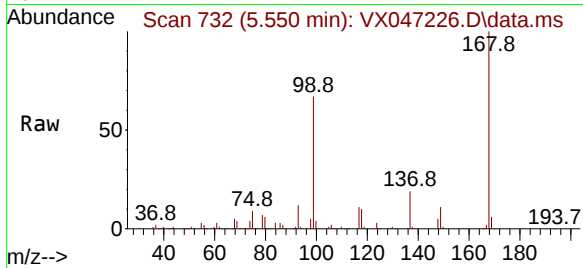




#38
Carbon Tetrachloride
Concen: 5.201 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

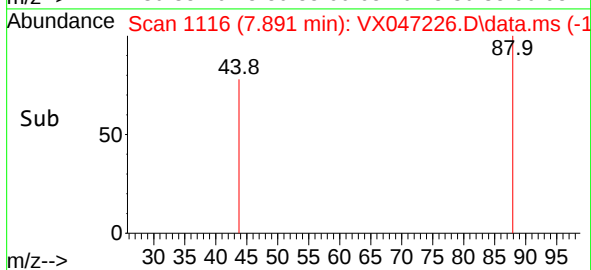
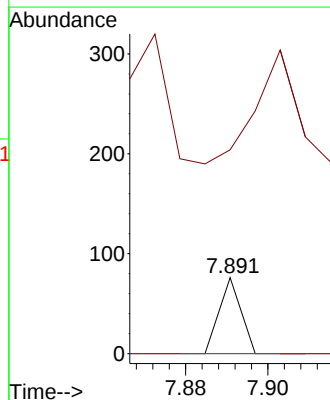
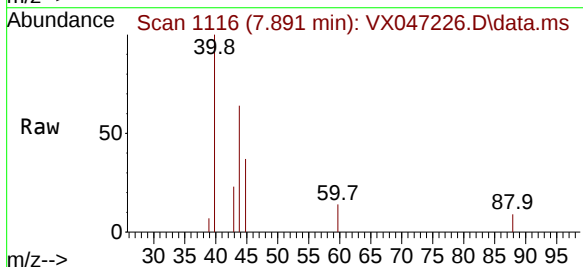
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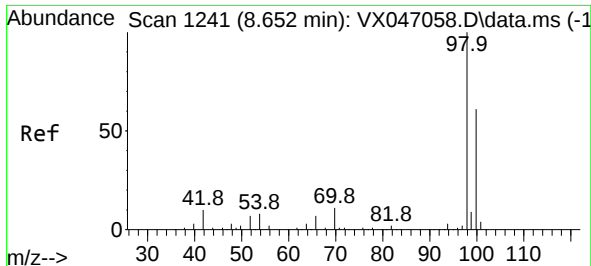
Tgt Ion:117 Resp: 44835
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.389 ug/l
RT: 7.891 min Scan# 1116
Delta R.T. 0.232 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 88 Resp: 28
Ion Ratio Lower Upper
88 100
43 1278.6 33.6 50.4#
58 0.0 58.8 88.2#

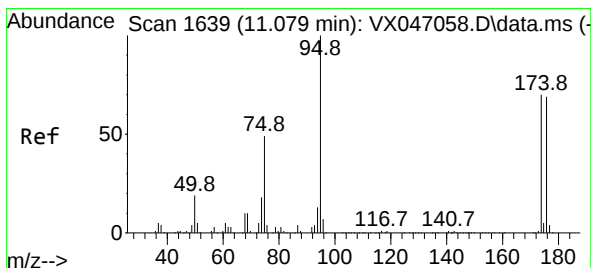
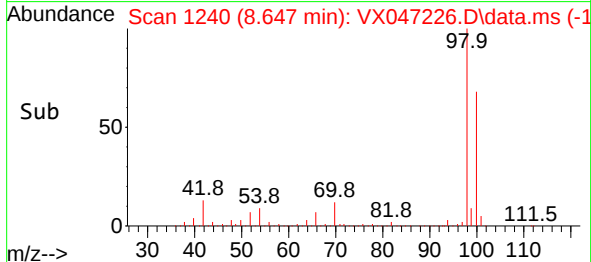
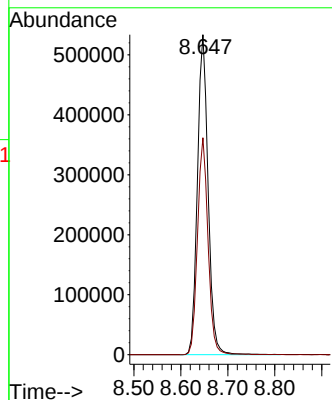
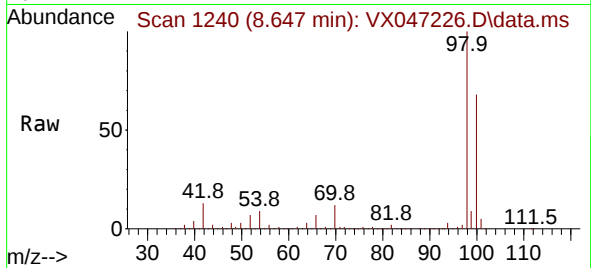




#50
Toluene-d8
Concen: 55.137 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

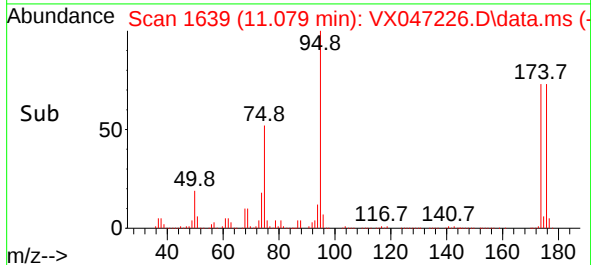
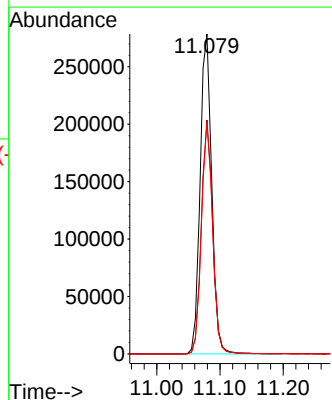
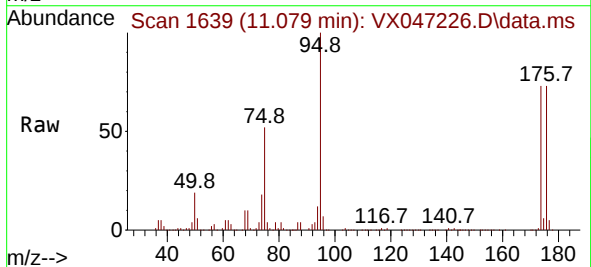
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

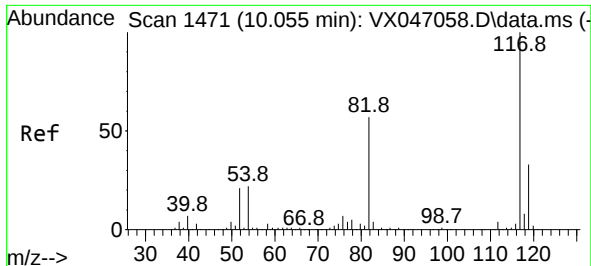
Tgt Ion: 98 Resp: 846092
Ion Ratio Lower Upper
98 100
100 66.9 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 53.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 95 Resp: 355377
Ion Ratio Lower Upper
95 100
174 71.8 0.0 144.6
176 70.2 0.0 139.6

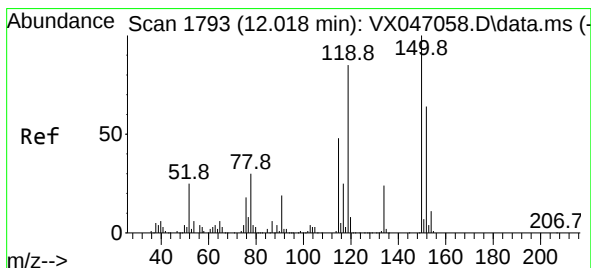
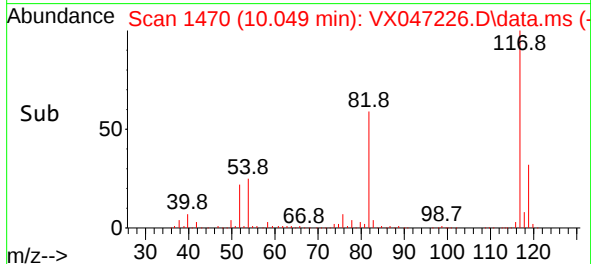
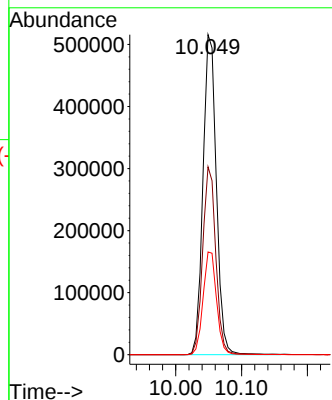
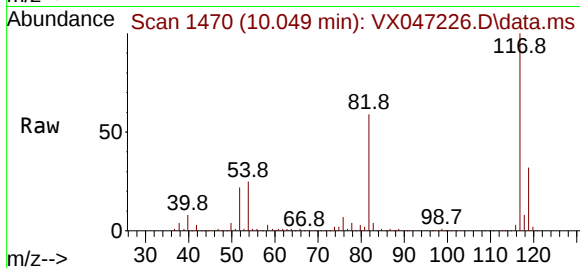




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

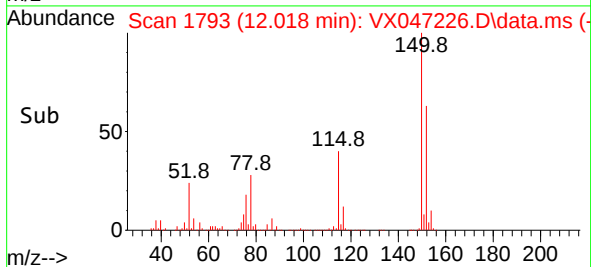
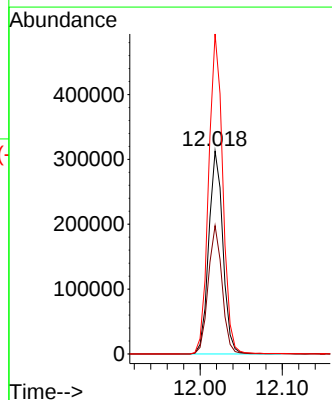
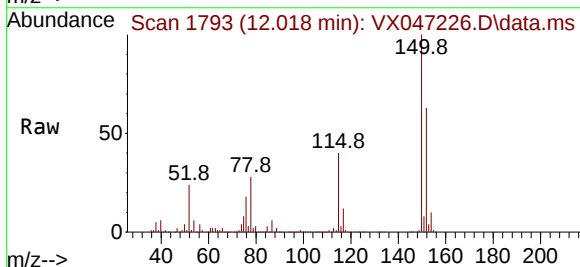
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

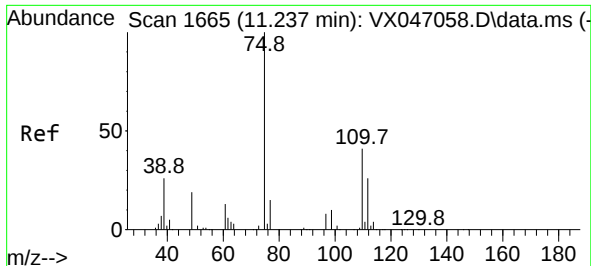
Tgt Ion:117 Resp: 727115
Ion Ratio Lower Upper
117 100
82 58.7 45.4 68.2
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion:152 Resp: 372512
Ion Ratio Lower Upper
152 100
115 61.9 45.6 136.7
150 157.7 0.0 354.6

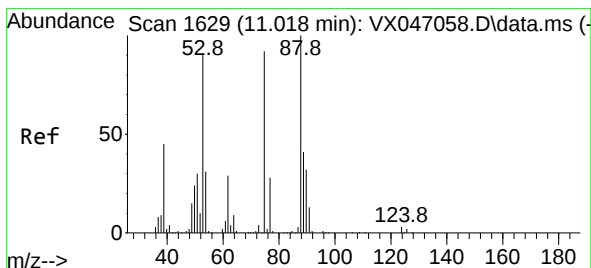
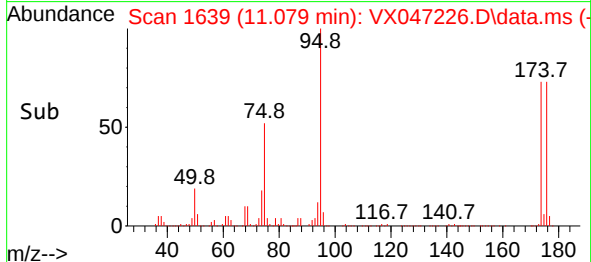
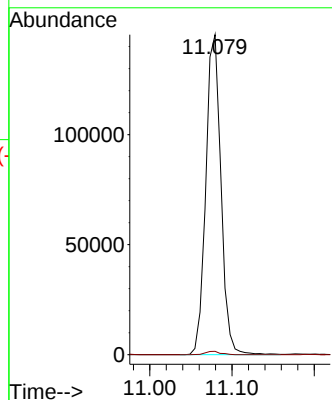
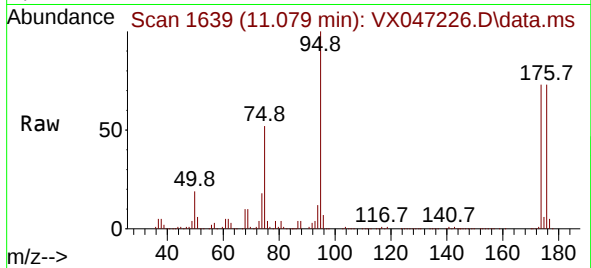




#76
1,2,3-Trichloropropane
Concen: 26.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

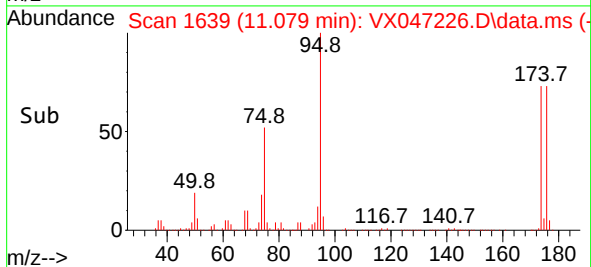
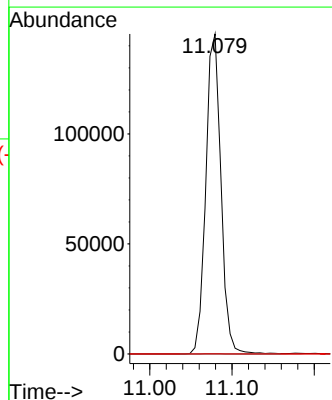
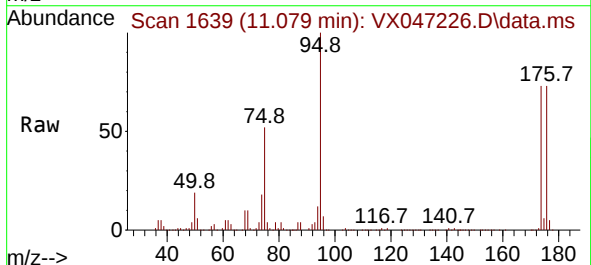
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

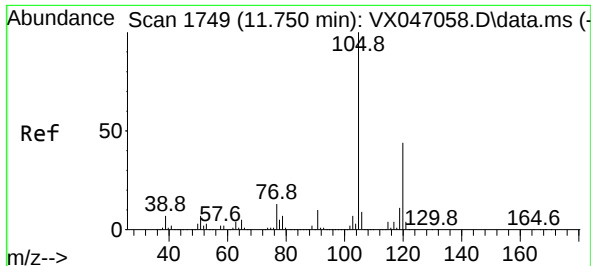
Tgt Ion: 75 Resp: 185685
Ion Ratio Lower Upper
75 100
77 1.0 21.6 65.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.383 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion: 75 Resp: 185685
Ion Ratio Lower Upper
75 100
53 0.1 84.2 126.4#
89 0.0 36.0 54.0#

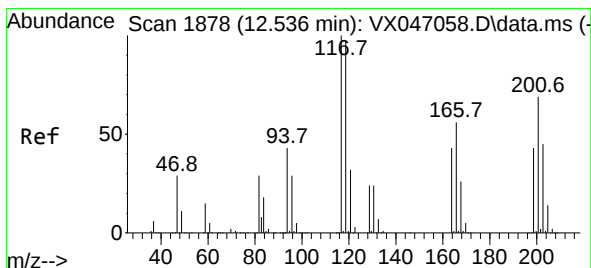
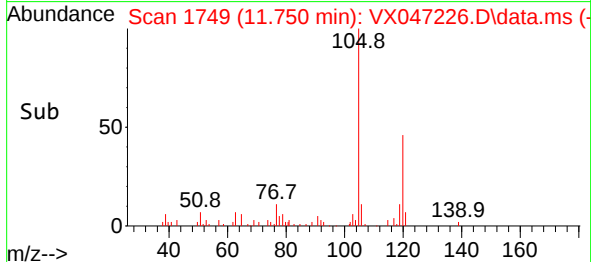
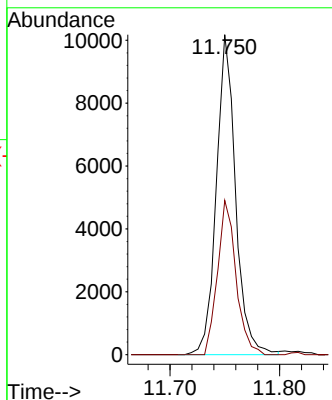
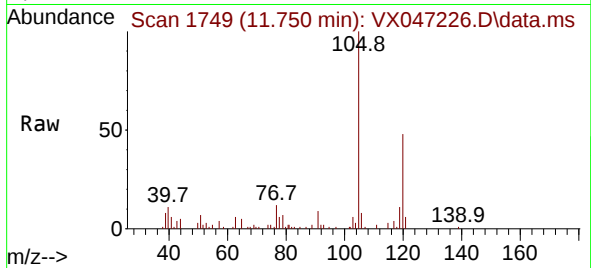




#84
1,2,4-Trimethylbenzene
Concen: 0.513 ug/l
RT: 11.750 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

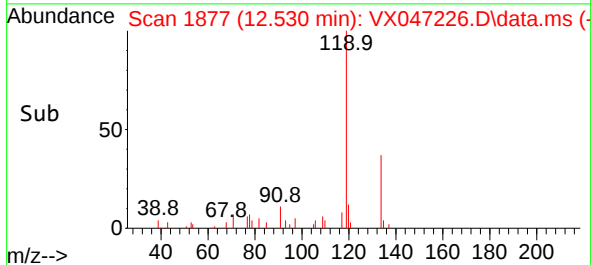
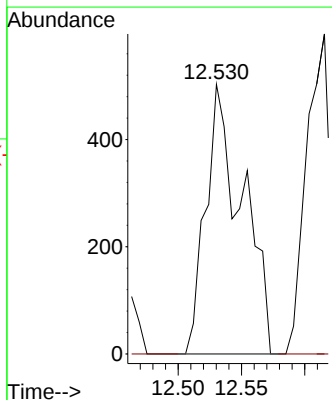
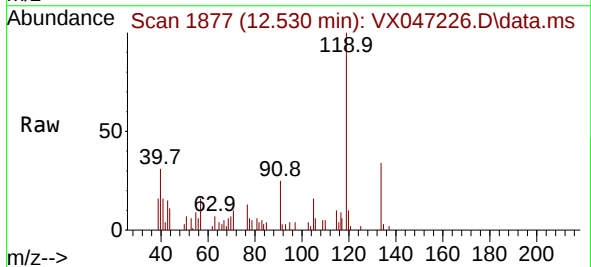
Instrument :
MSVOA_X
ClientSampleId :
LIQUID-DRUMS

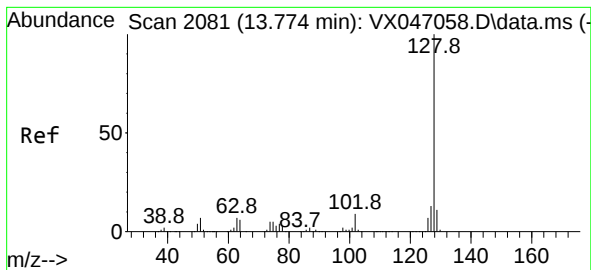
Tgt Ion:105 Resp: 12428
Ion Ratio Lower Upper
105 100
120 46.4 22.0 66.0



#90
Hexachloroethane
Concen: 0.224 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX047226.D
Acq: 04 Aug 2025 14:44

Tgt Ion:117 Resp: 1013
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.5#





#95

Naphthalene

Concen: 0.492 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX047226.D

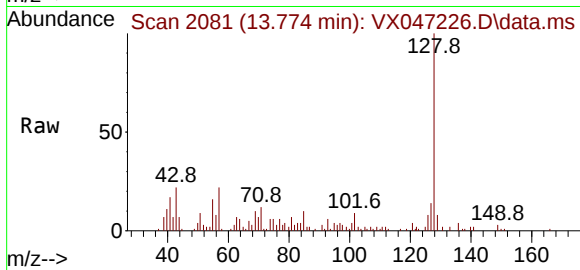
Acq: 04 Aug 2025 14:44

Instrument :

MSVOA_X

ClientSampleId :

LIQUID-DRUMS



Tgt Ion:128 Resp: 12204

Ion Ratio Lower Upper

128 100

127 16.0 10.1 15.1#

129 15.2 8.6 13.0#

