

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047967.D
 Acq On : 02 Oct 2025 14:50
 Operator : JC/MD
 Sample : Q3194-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20250924

Quant Time: Oct 03 03:31:33 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)

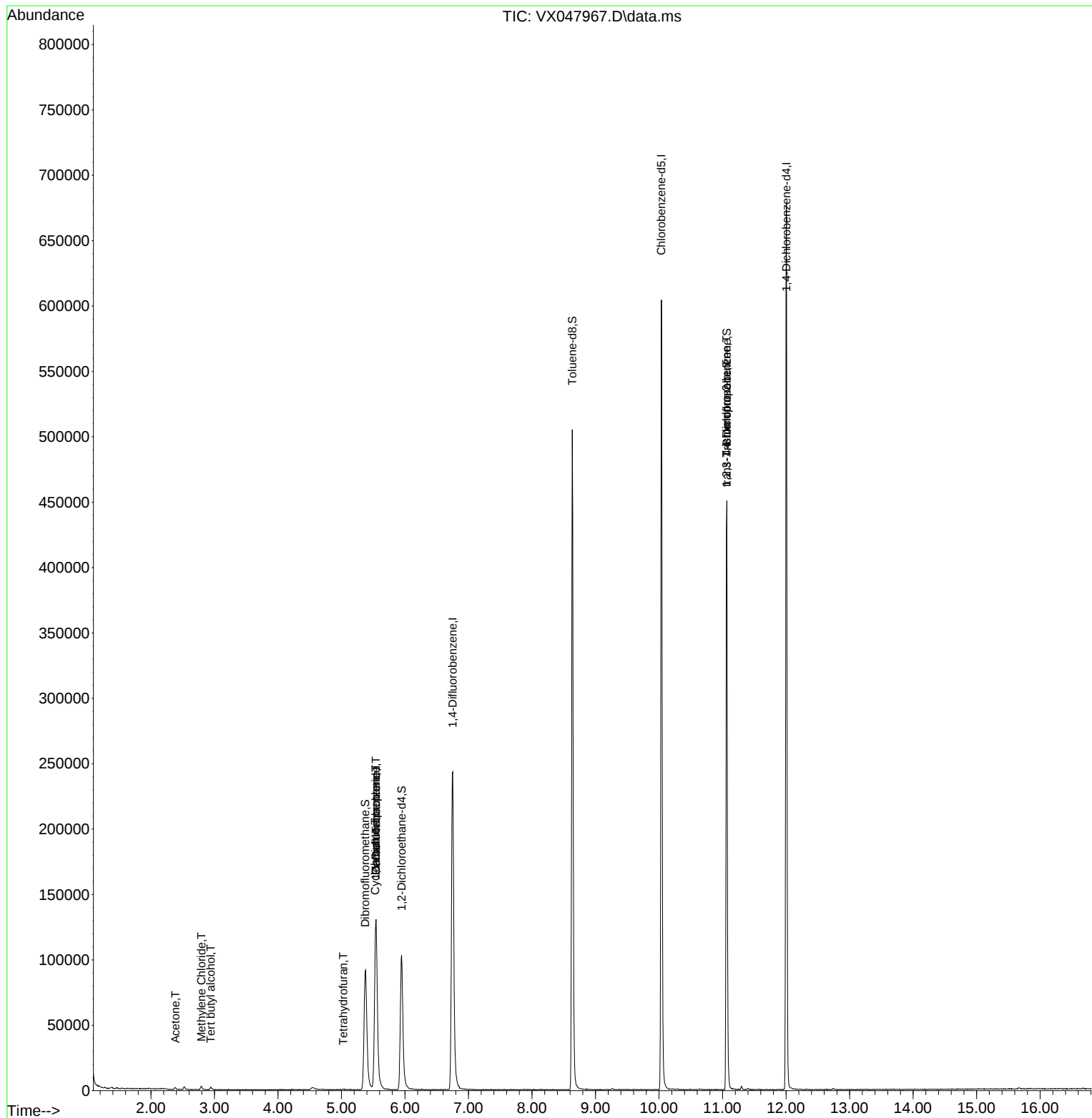
Internal Standards						
1) Pentafluorobenzene	5.544	168	130485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	279800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	142205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111156	53.518	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.040%	
35) Dibromofluoromethane	5.373	113	88480	48.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.980%	
50) Toluene-d8	8.635	98	307997	49.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	11.067	95	131505	55.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	914	3.951	ug/l #	72
16) Acetone	2.386	43	2139	2.369	ug/l	96
20) Methylene Chloride	2.794	84	1156	0.605	ug/l #	90
29) Tetrahydrofuran	5.025	42	288	0.425	ug/l #	67
31) Cyclohexane	5.531	56	3211	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	11388	4.315	ug/l #	50
38) Carbon Tetrachloride	5.544	117	14194	4.950	ug/l #	16
76) 1,2,3-Trichloropropane	11.061	75	68353	23.740	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	68353	60.541	ug/l #	8

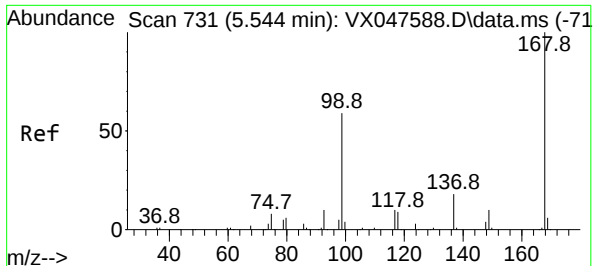
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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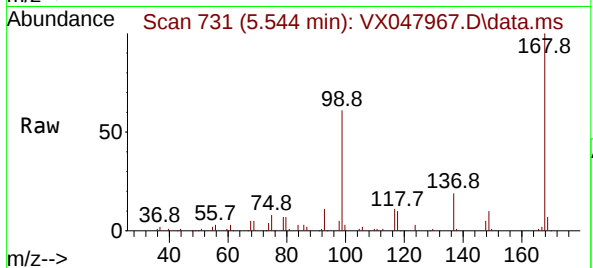
Quant Time: Oct 03 03:31:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



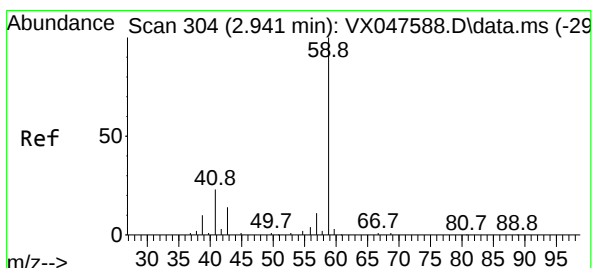
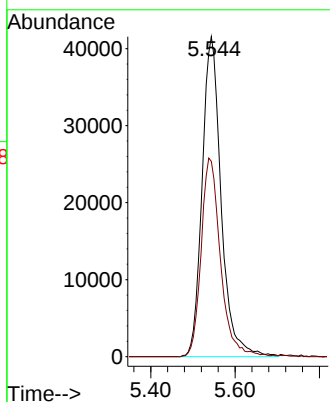
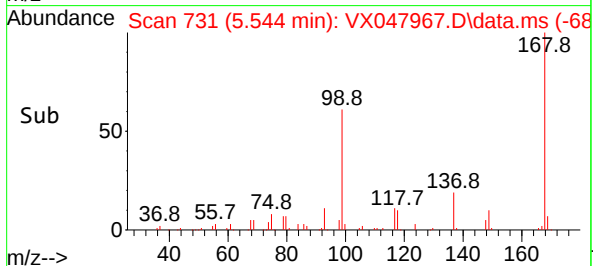


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Instrument :
MSVOA_X
ClientSampleId :
FB01-20250924

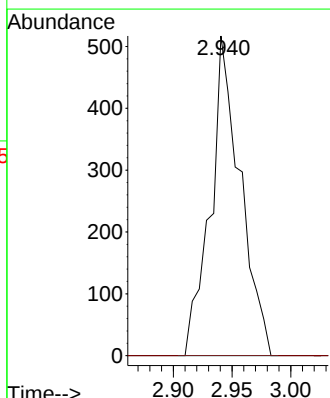
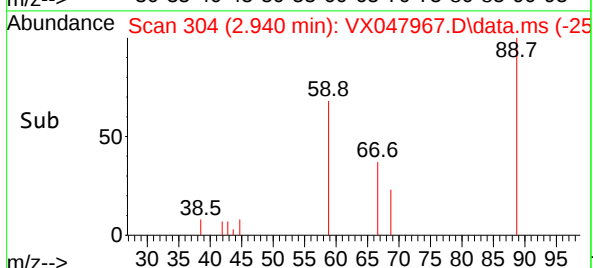
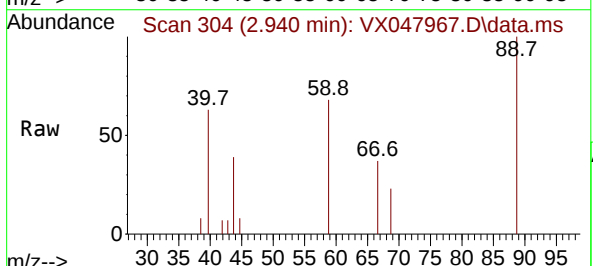


Tgt Ion:168 Resp: 130485
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2



#11
Tert butyl alcohol
Concen: 3.951 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 59 Resp: 914
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

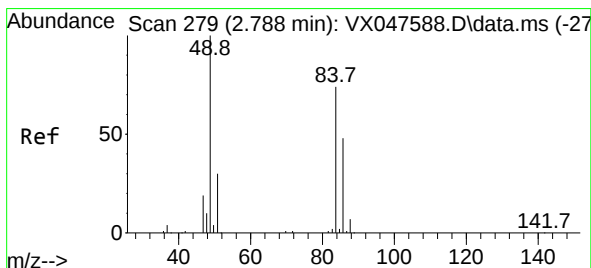
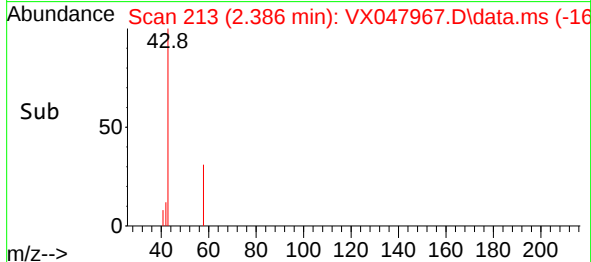
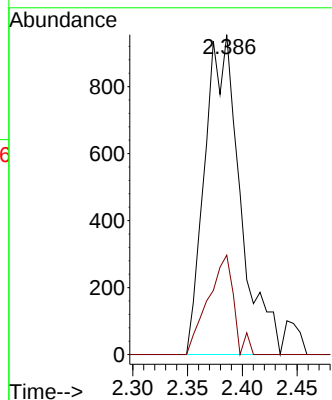
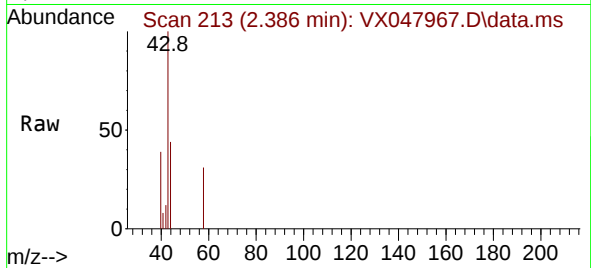




#16
Acetone
Concen: 2.369 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

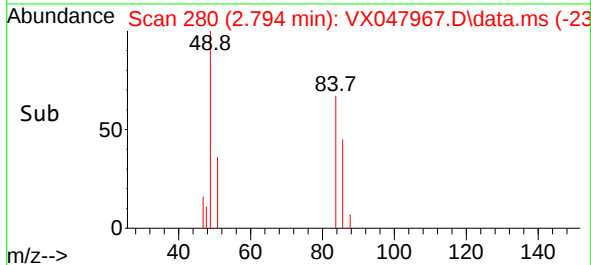
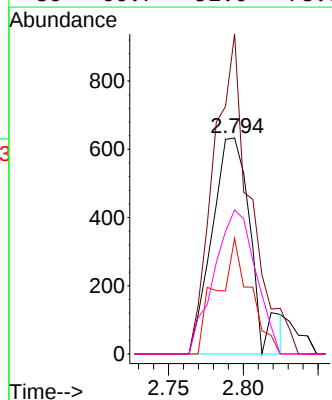
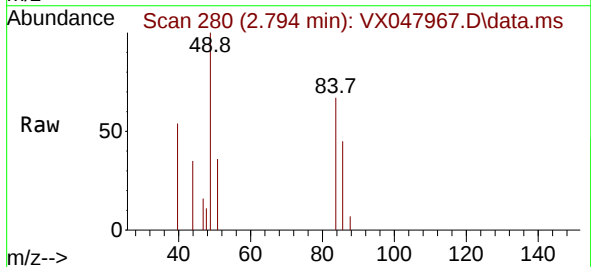
Instrument :
MSVOA_X
ClientSampleId :
FB01-20250924

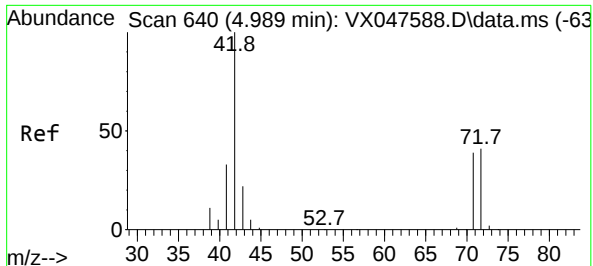
Tgt Ion: 43 Resp: 2139
Ion Ratio Lower Upper
43 100
58 31.1 23.4 35.0



#20
Methylene Chloride
Concen: 0.605 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 84 Resp: 1156
Ion Ratio Lower Upper
84 100
49 148.2 108.6 162.8
51 53.6 32.6 48.8#
86 66.7 52.0 78.0





#29

Tetrahydrofuran

Concen: 0.425 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.036 min

Lab File: VX047967.D

Acq: 02 Oct 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

FB01-20250924

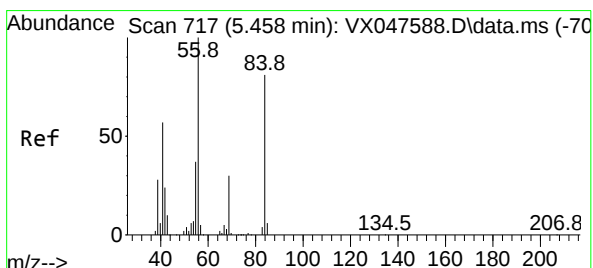
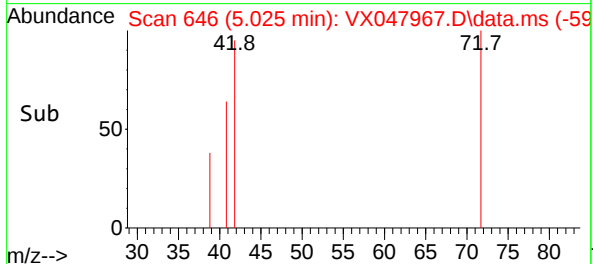
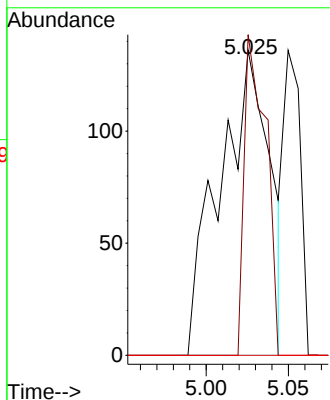
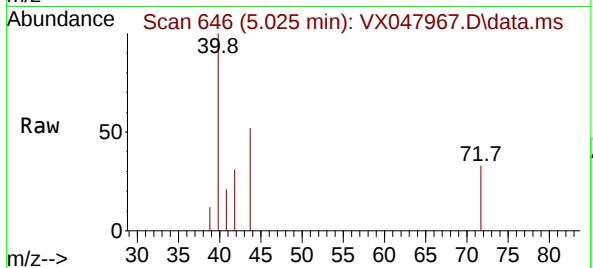
Tgt Ion: 42 Resp: 288

Ion Ratio Lower Upper

42 100

72 45.5 34.2 51.2

71 0.0 31.9 47.9#



#31

Cyclohexane

Concen: 1.170 ug/l

RT: 5.531 min Scan# 729

Delta R.T. 0.073 min

Lab File: VX047967.D

Acq: 02 Oct 2025 14:50

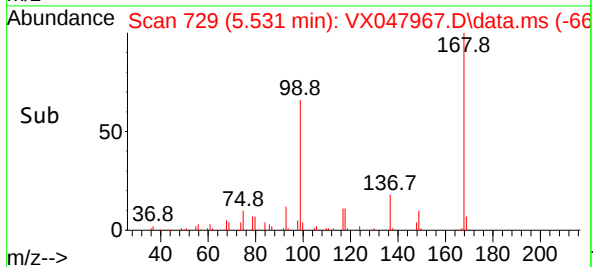
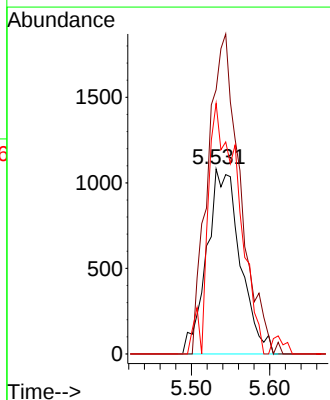
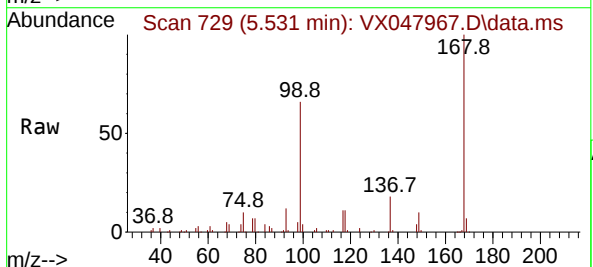
Tgt Ion: 56 Resp: 3211

Ion Ratio Lower Upper

56 100

69 142.8 23.8 35.8#

84 135.4 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 53.518 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047967.D

Acq: 02 Oct 2025 14:50

Instrument :

MSVOA_X

ClientSampleId :

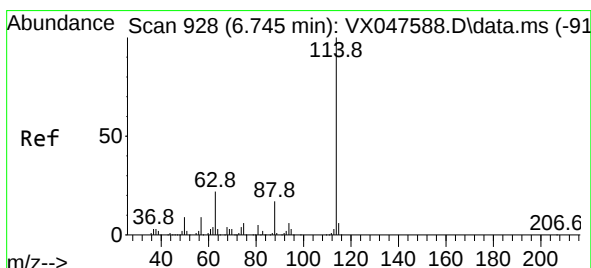
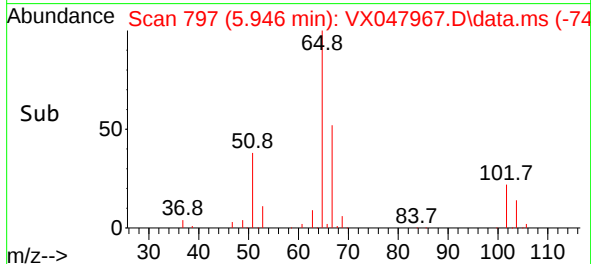
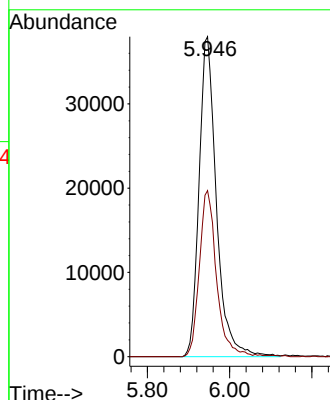
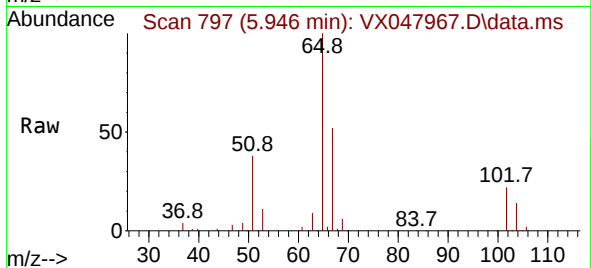
FB01-20250924

Tgt Ion: 65 Resp: 111156

Ion Ratio Lower Upper

65 100

67 51.3 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: VX047967.D

Acq: 02 Oct 2025 14:50

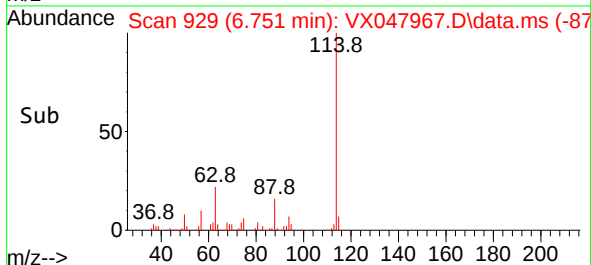
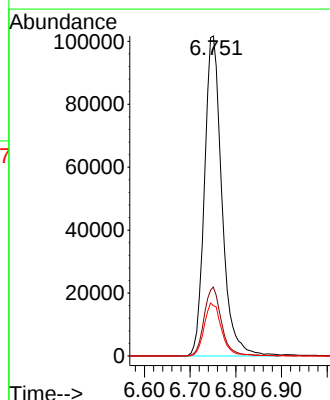
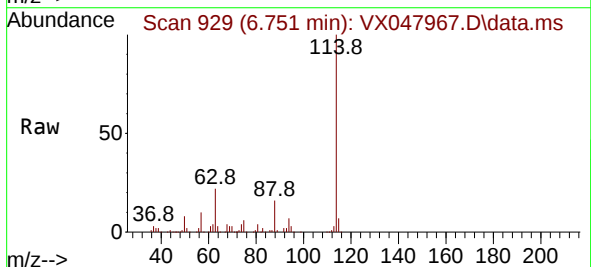
Tgt Ion: 114 Resp: 269304

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 15.7 0.0 34.2

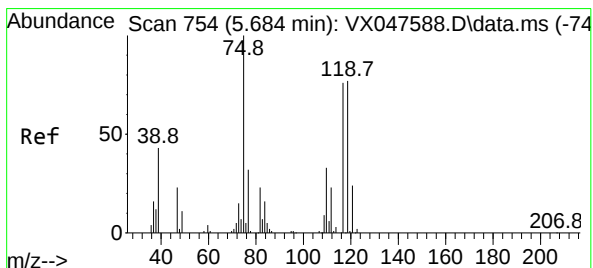
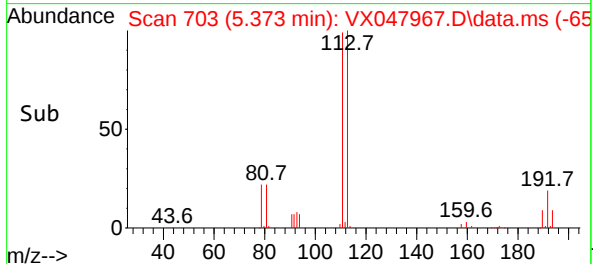
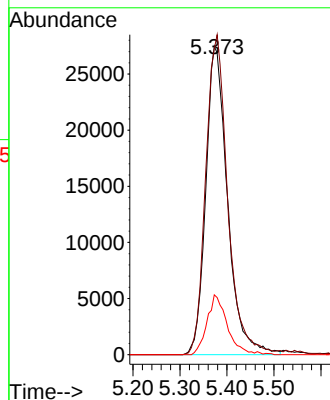
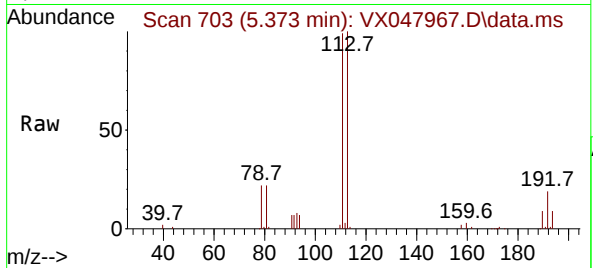




#35
Dibromofluoromethane
Concen: 48.990 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

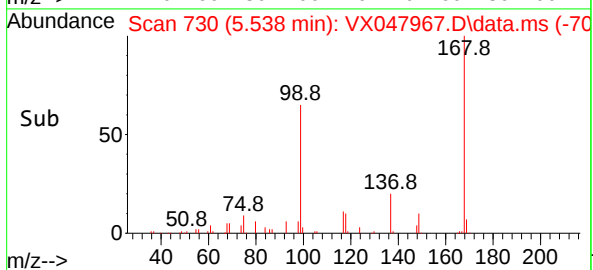
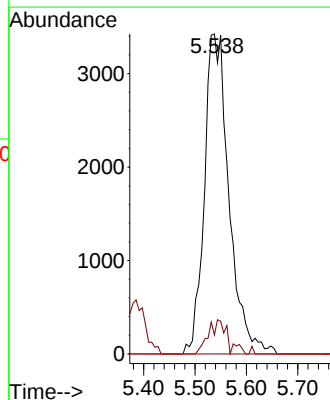
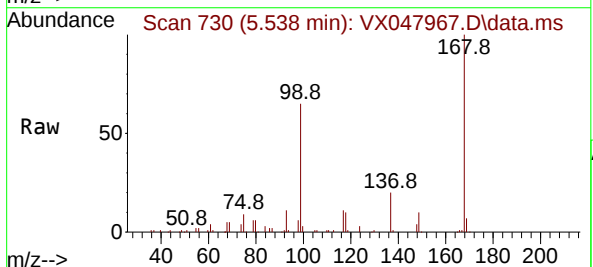
Instrument :
MSVOA_X
ClientSampleId :
FB01-20250924

Tgt Ion:113 Resp: 88480
Ion Ratio Lower Upper
113 100
111 104.4 80.9 121.3
192 18.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 75 Resp: 11388
Ion Ratio Lower Upper
75 100
110 7.9 16.7 50.1#
77 0.0 24.3 36.5#

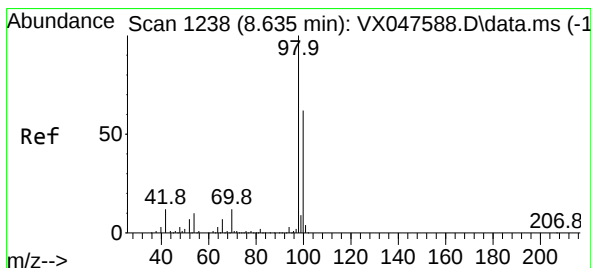
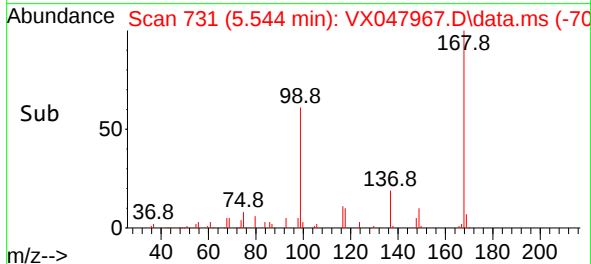
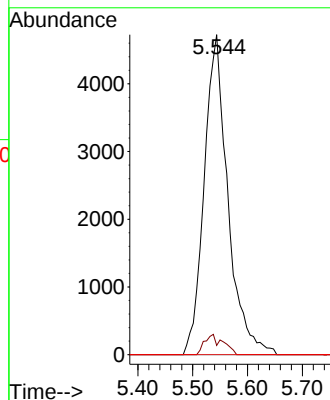
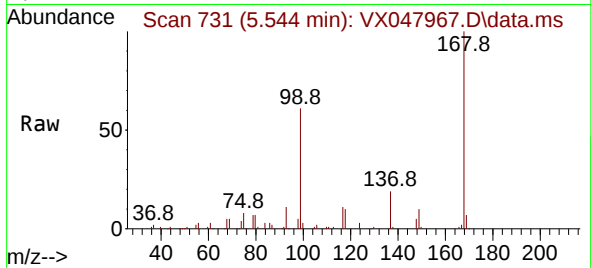




#38
Carbon Tetrachloride
Concen: 4.950 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

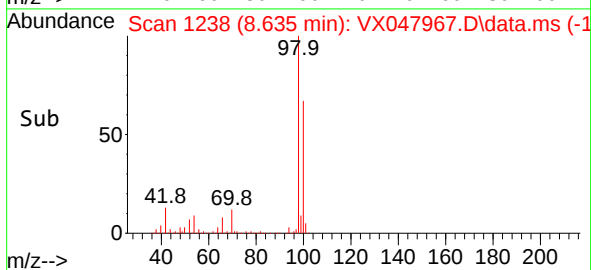
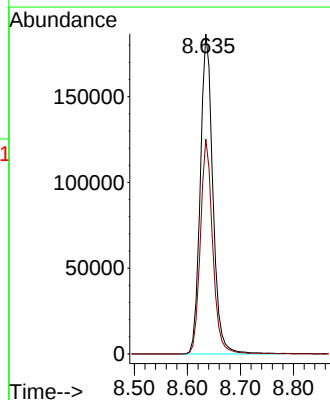
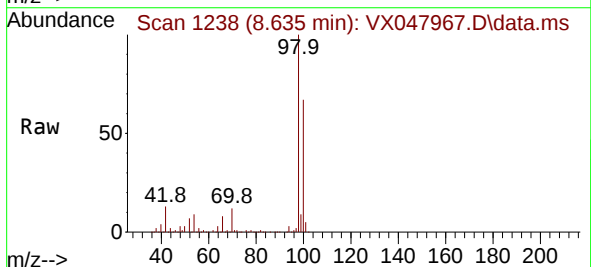
Instrument :
MSVOA_X
ClientSampleId :
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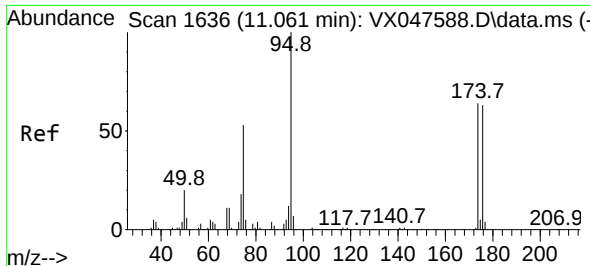
Tgt Ion:117 Resp: 14194
Ion Ratio Lower Upper
117 100
119 2.9 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.284 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 98 Resp: 307997
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

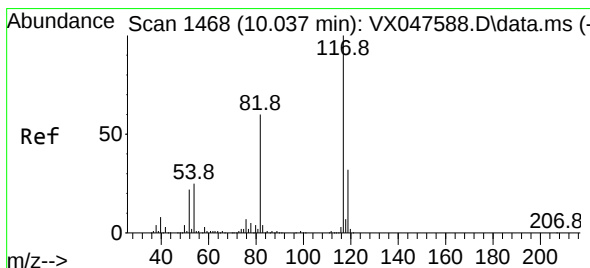
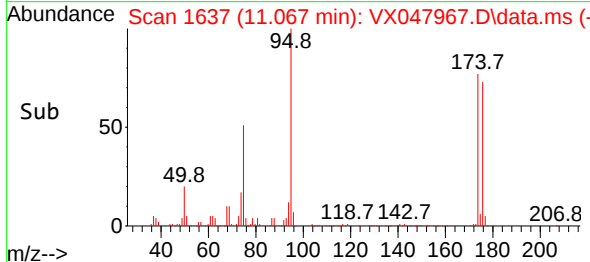
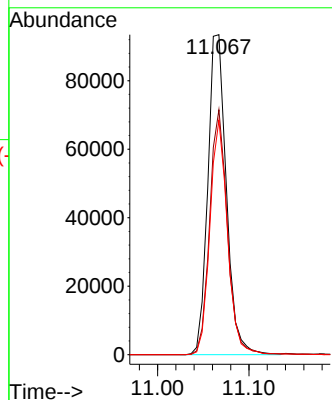
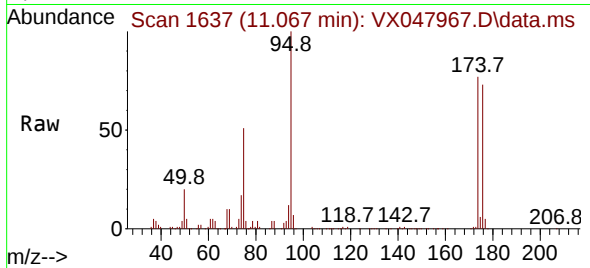




#62
4-Bromofluorobenzene
Concen: 55.446 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

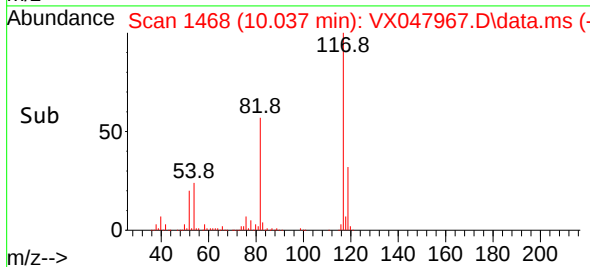
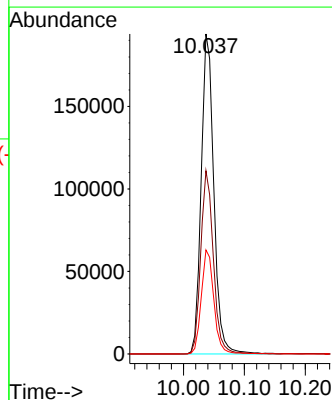
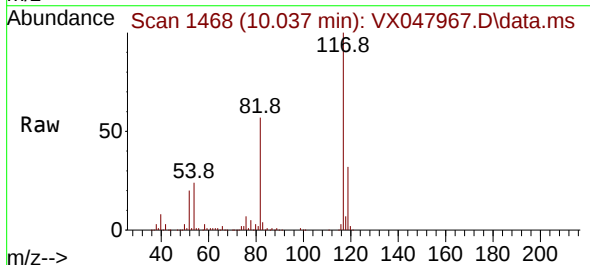
Instrument :
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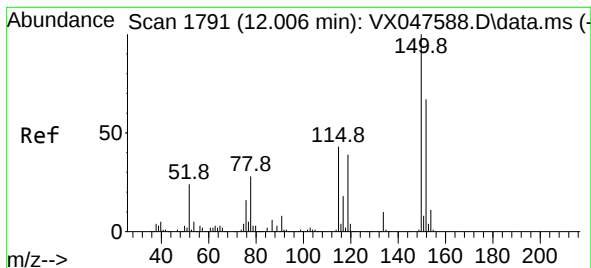
Tgt Ion: 95 Resp: 131505
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 69.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 117 Resp: 279800
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 32.5 25.2 37.8

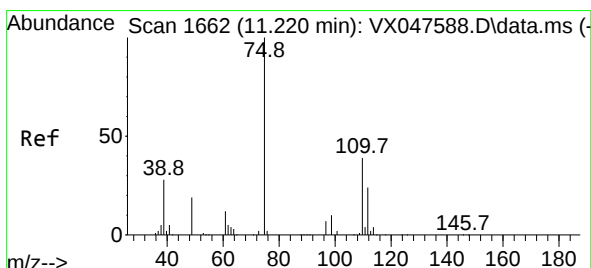
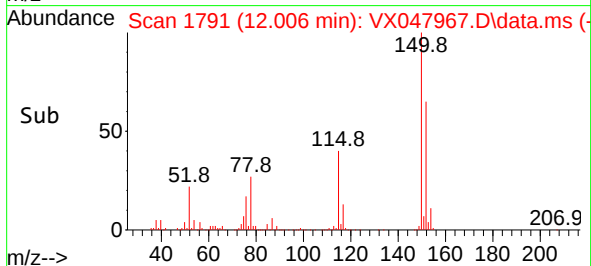
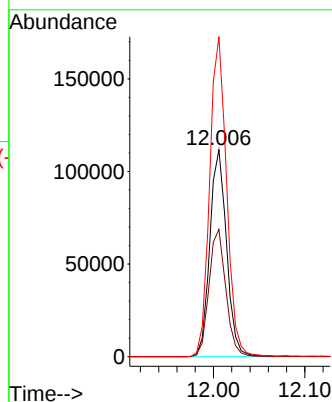
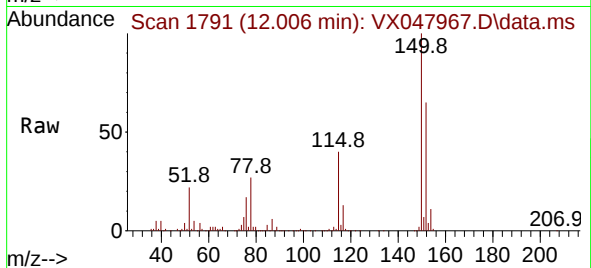




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

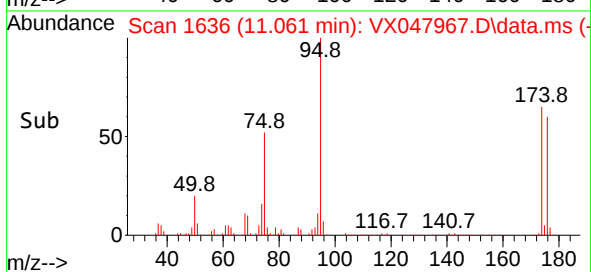
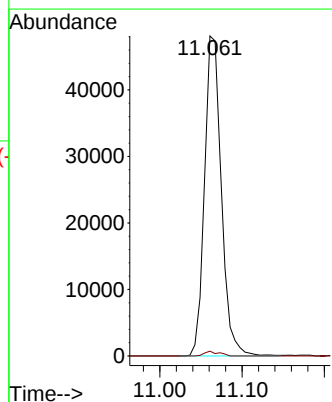
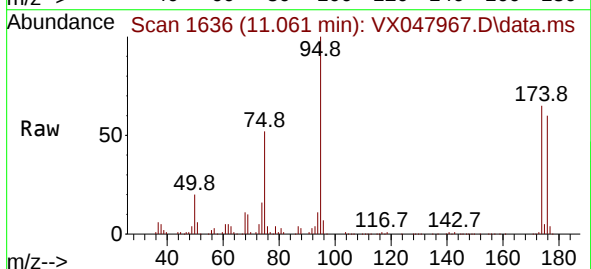
Instrument :
MSVOA_X
ClientSampleId :
FB01-20250924

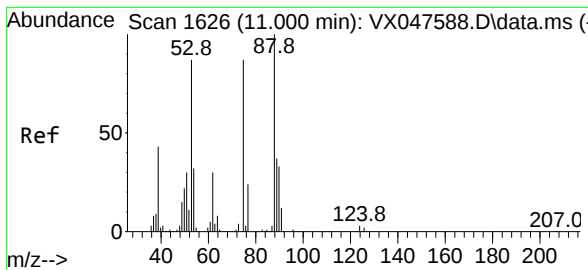
Tgt Ion:152 Resp: 142205
Ion Ratio Lower Upper
152 100
115 62.1 44.9 134.5
150 156.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 23.740 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047967.D
Acq: 02 Oct 2025 14:50

Tgt Ion: 75 Resp: 68353
Ion Ratio Lower Upper
75 100
77 1.3 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.541 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047967.D
 Acq: 02 Oct 2025 14:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20250924

Tgt Ion: 75 Resp: 68353
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

