

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048042.D
 Acq On : 07 Oct 2025 11:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 08 01:24:40 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)

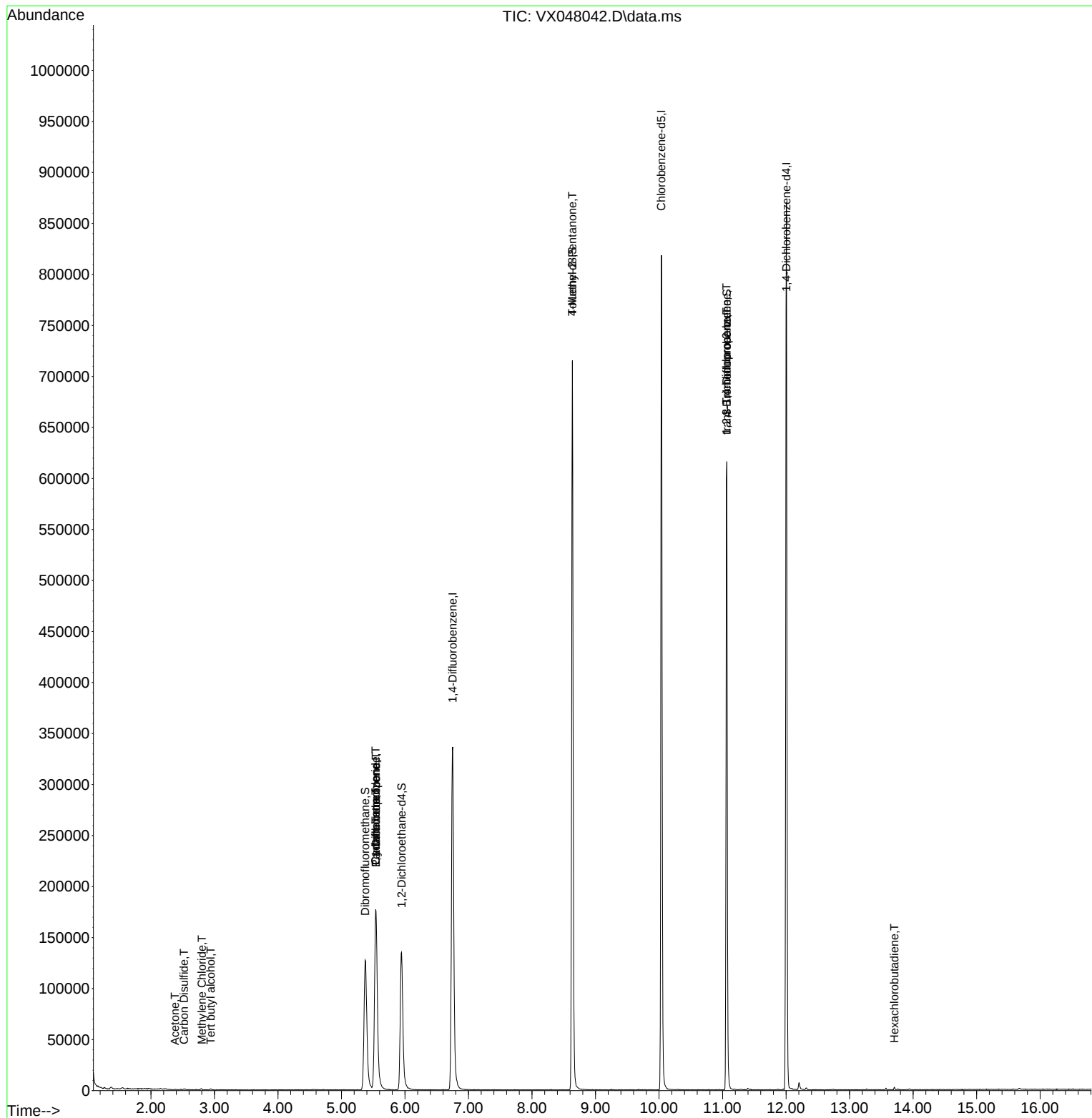
Internal Standards						
1) Pentafluorobenzene	5.543	168	178462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	368419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	370363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	177972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	148724	52.355	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.720%		
35) Dibromofluoromethane	5.373	113	123987	50.181	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.360%		
50) Toluene-d8	8.634	98	428416	50.110	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.220%		
62) 4-Bromofluorobenzene	11.067	95	178210	54.923	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.840%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	139	0.439	ug/l #	72
16) Acetone	2.379	43	600	0.486	ug/l #	45
17) Carbon Disulfide	2.520	76	1296	0.223	ug/l	96
20) Methylene Chloride	2.800	84	534	0.204	ug/l #	44
31) Cyclohexane	5.537	56	4198	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	15434	4.275	ug/l #	51
38) Carbon Tetrachloride	5.537	117	18816	4.797	ug/l #	18
51) 4-Methyl-2-Pentanone	8.634	43	2146	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.061	75	92569	25.689	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	92569	65.512	ug/l #	8
94) Hexachlorobutadiene	13.707	225	438	0.336	ug/l	90

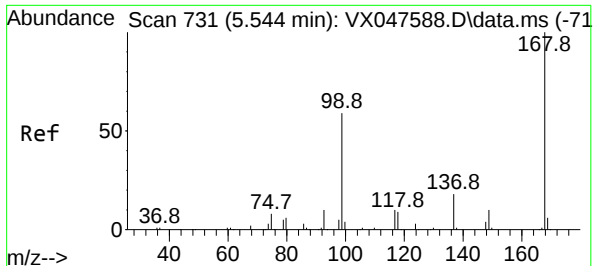
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
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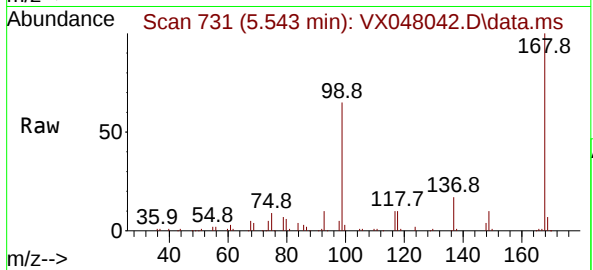
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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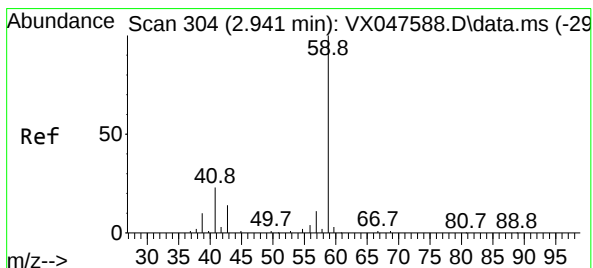
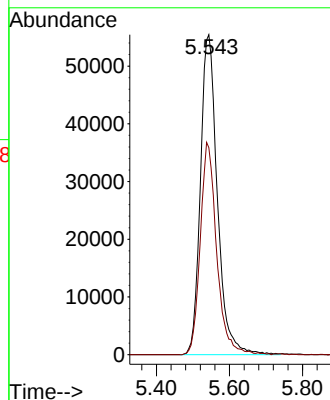
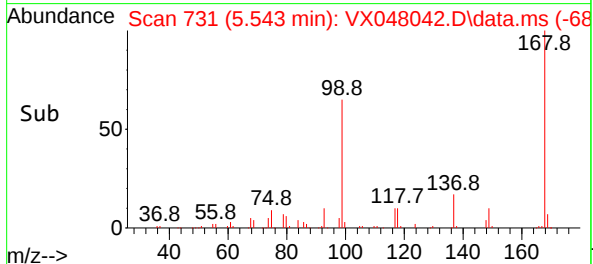


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Instrument :
MSVOA_X
ClientSampleId :
IBLK

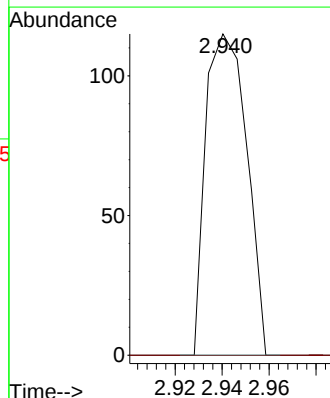
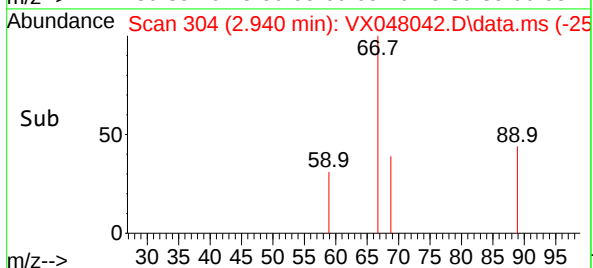
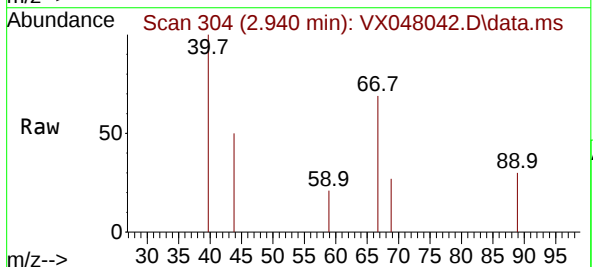


Tgt Ion:168 Resp: 178462
Ion Ratio Lower Upper
168 100
99 64.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.439 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 59 Resp: 139
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

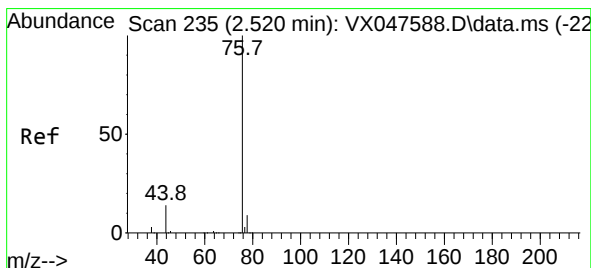
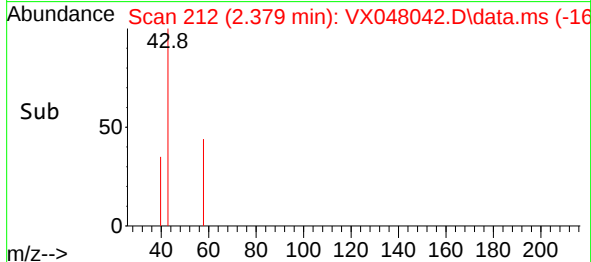
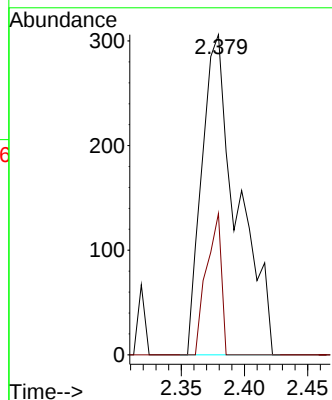
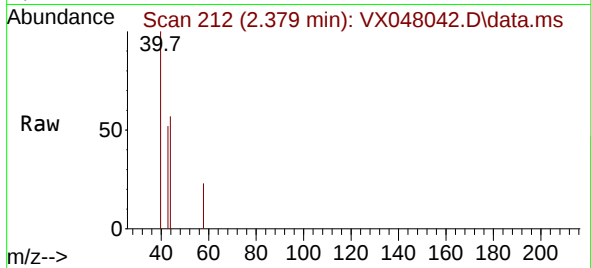




#16
Acetone
Concen: 0.486 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

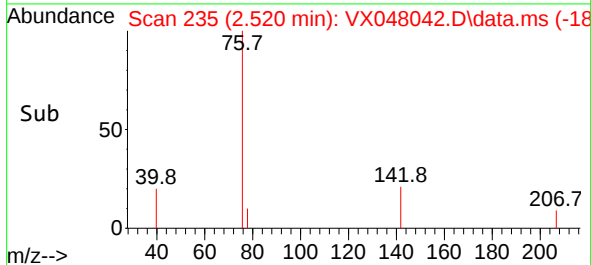
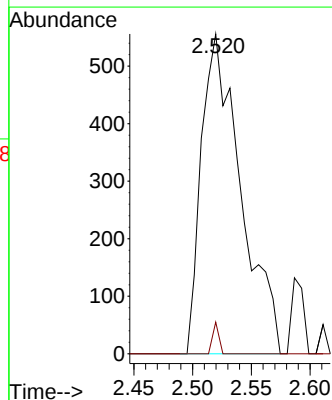
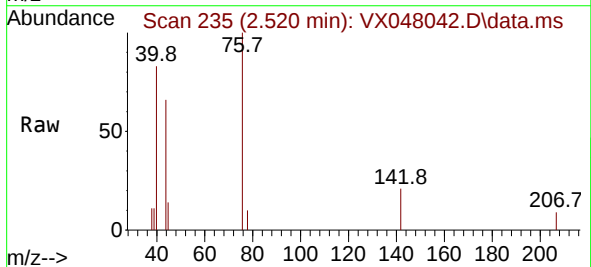
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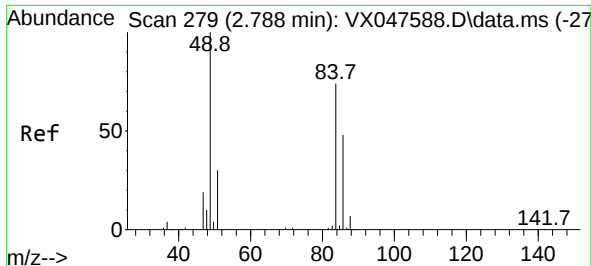
Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.223 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 76 Resp: 1296
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2

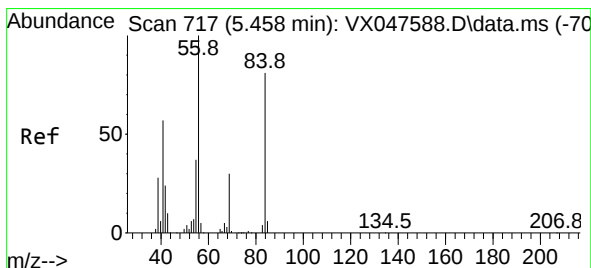
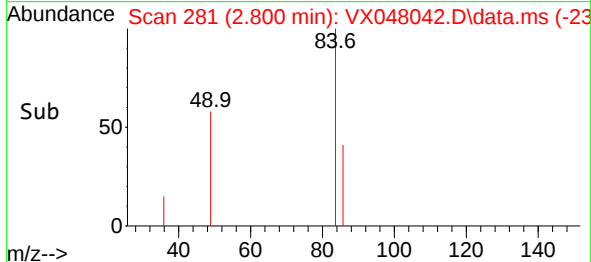
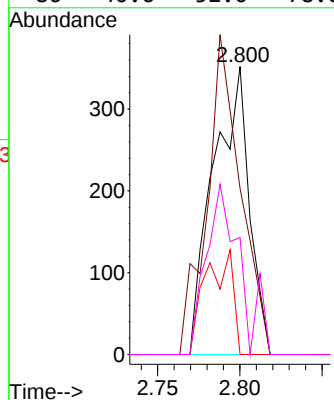
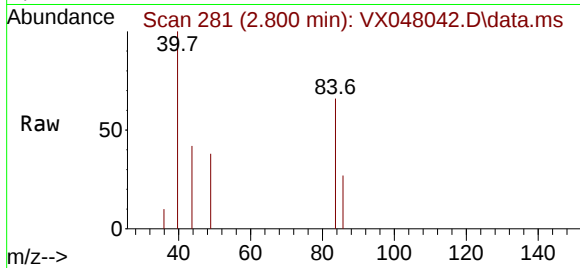




#20
Methylene Chloride
Concen: 0.204 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

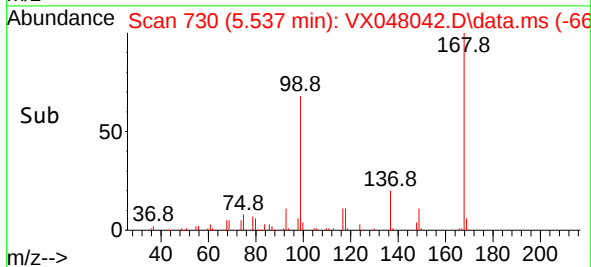
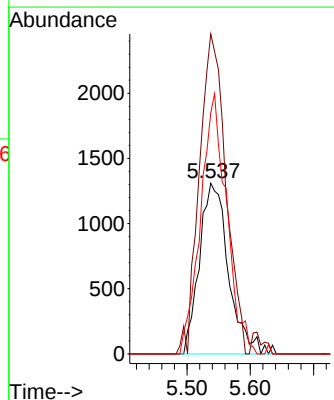
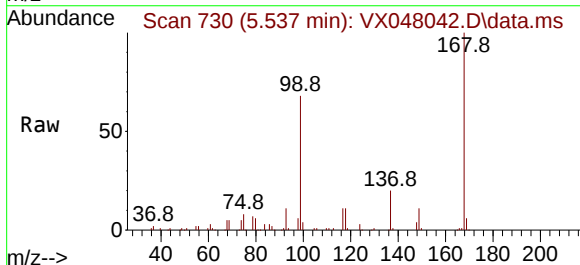
Instrument :
MSVOA_X
ClientSampleId :
IBLK

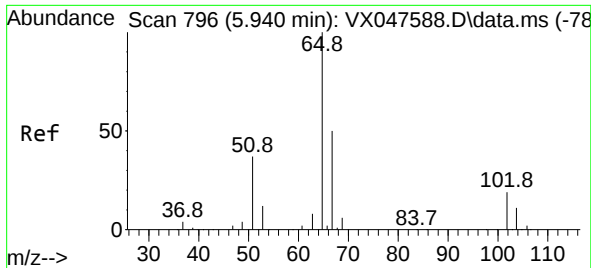
Tgt Ion:	84	Resp:	534
Ion	Ratio	Lower	Upper
84	100		
49	57.7	108.6	162.8#
51	0.0	32.6	48.8#
86	40.6	52.0	78.0#



#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.537 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion:	56	Resp:	4198
Ion	Ratio	Lower	Upper
56	100		
69	187.4	23.8	35.8#
84	141.2	64.6	97.0#

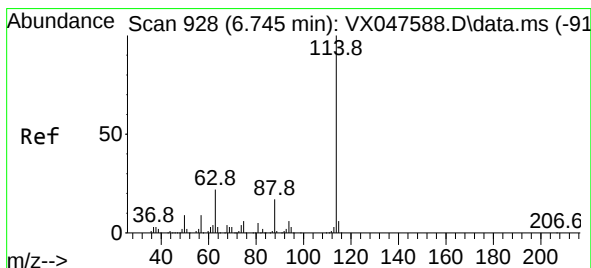
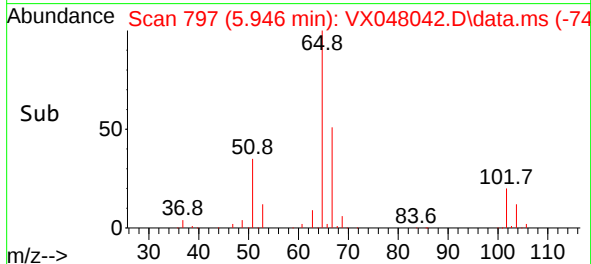
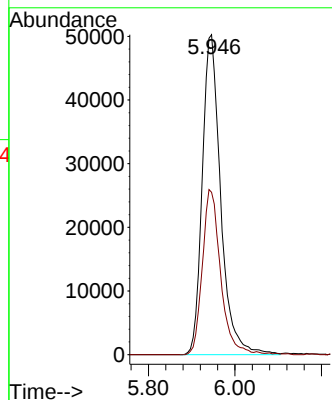
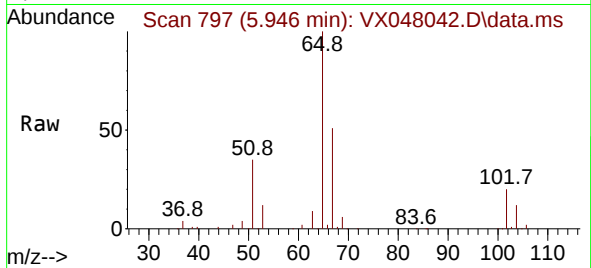




#33
 1,2-Dichloroethane-d4
 Concen: 52.355 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048042.D
 Acq: 07 Oct 2025 11:16

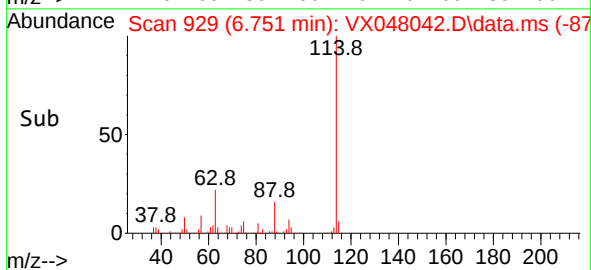
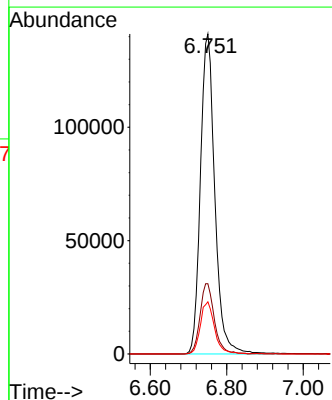
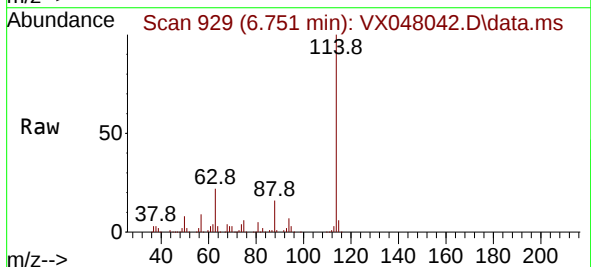
Instrument :
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 ClientSampleId :
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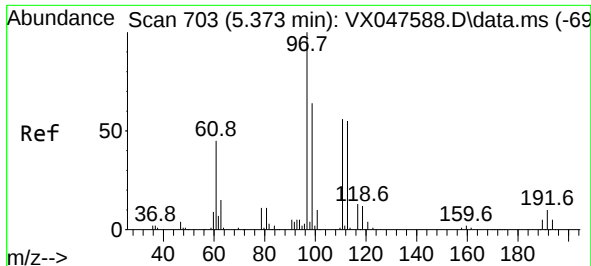
Tgt Ion: 65 Resp: 148724
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. 0.006 min
 Lab File: VX048042.D
 Acq: 07 Oct 2025 11:16

Tgt Ion: 114 Resp: 368419
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.3 0.0 34.2

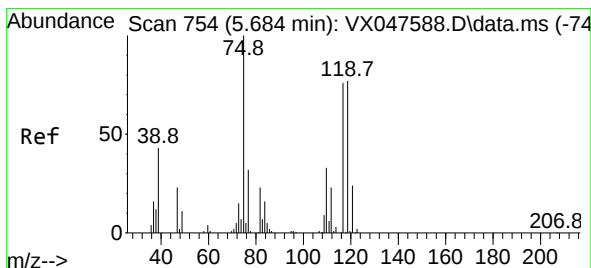
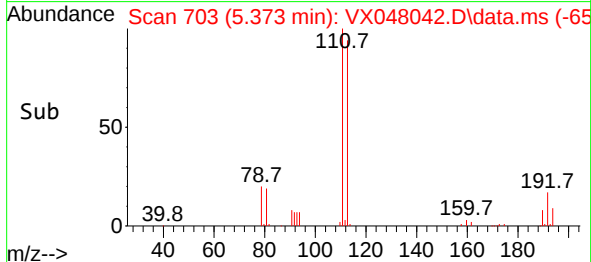
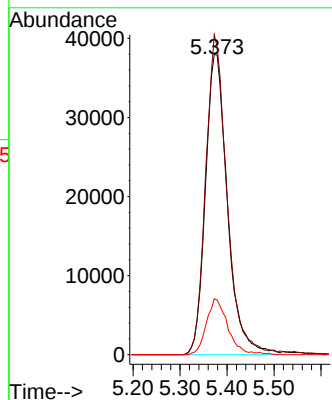
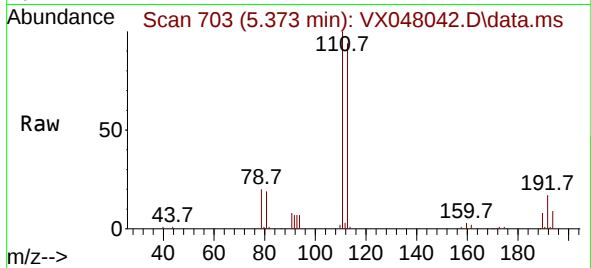




#35
Dibromofluoromethane
Concen: 50.181 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

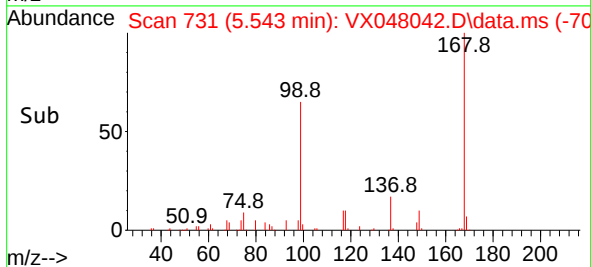
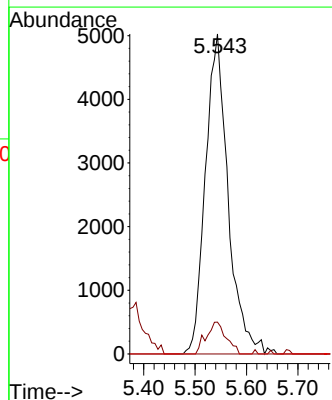
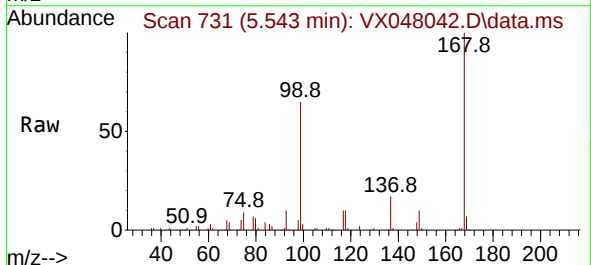
Instrument :
MSVOA_X
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Tgt Ion:113 Resp: 123987
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 18.2 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.275 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.141 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 75 Resp: 15434
Ion Ratio Lower Upper
75 100
110 8.7 16.7 50.1#
77 0.0 24.3 36.5#

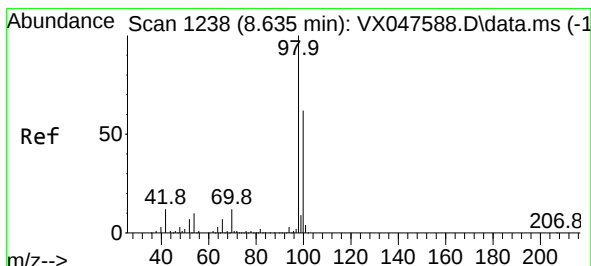
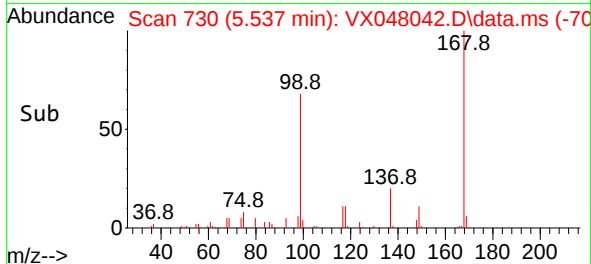
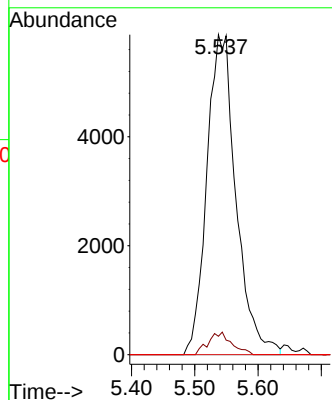
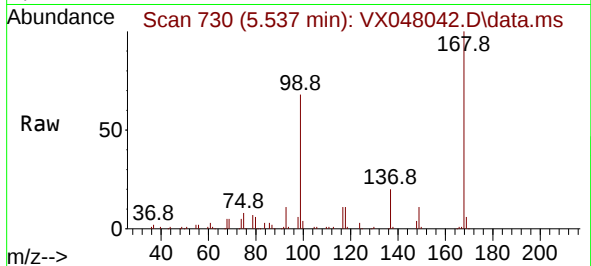




#38
Carbon Tetrachloride
Concen: 4.797 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

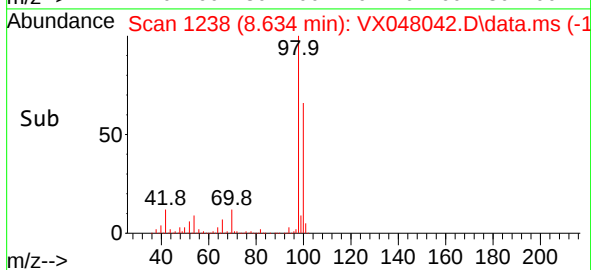
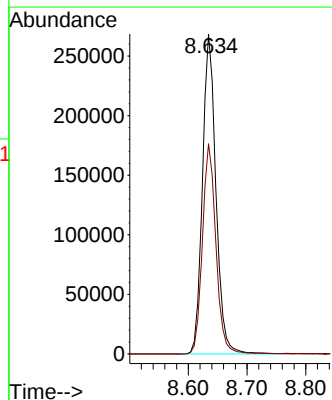
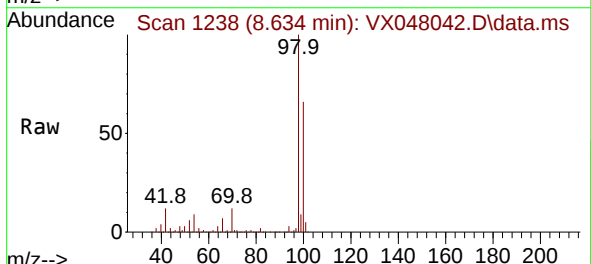
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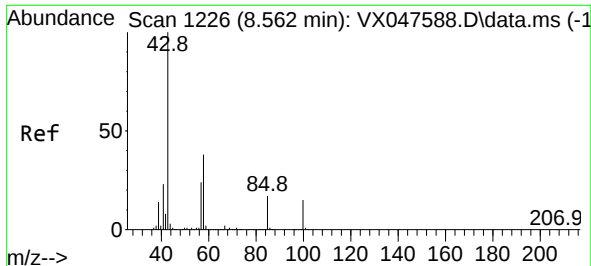
Tgt Ion:117 Resp: 18816
Ion Ratio Lower Upper
117 100
119 5.8 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 50.110 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 98 Resp: 428416
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.4

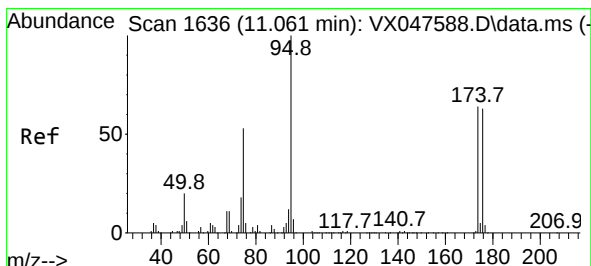
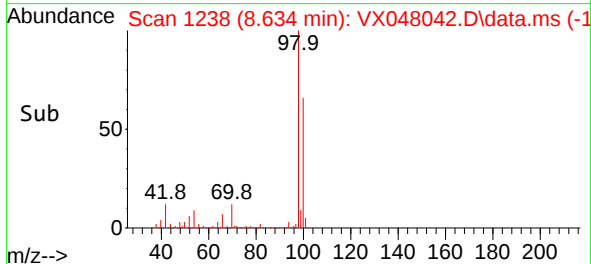
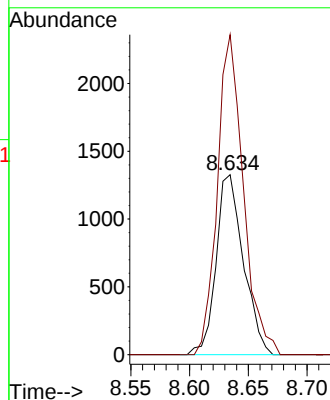
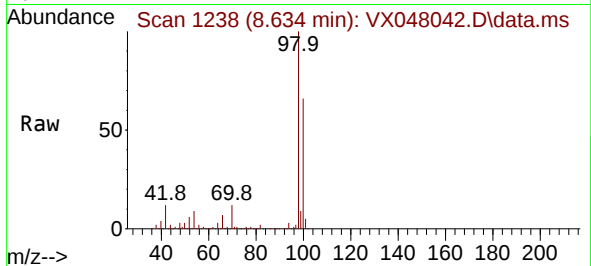




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

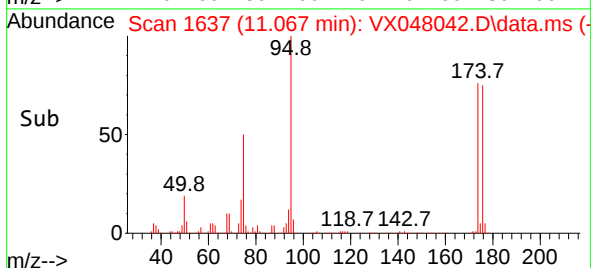
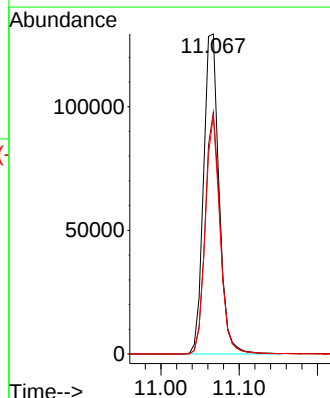
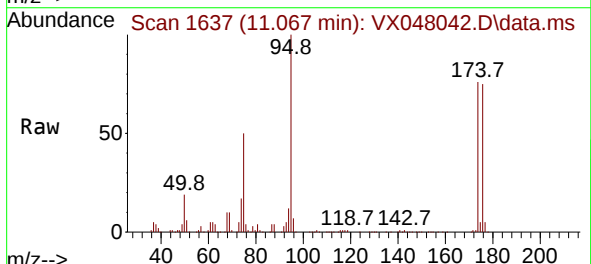
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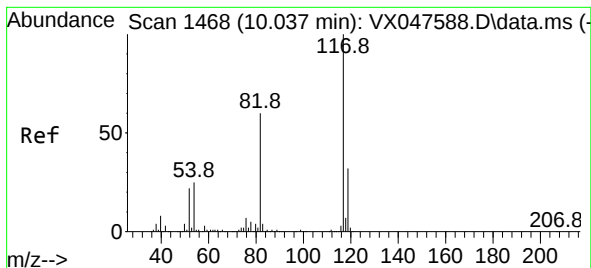
Tgt Ion: 43 Resp: 2146
Ion Ratio Lower Upper
43 100
58 169.2 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 54.923 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 95 Resp: 178210
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.3 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: VX048042.D

Acq: 07 Oct 2025 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

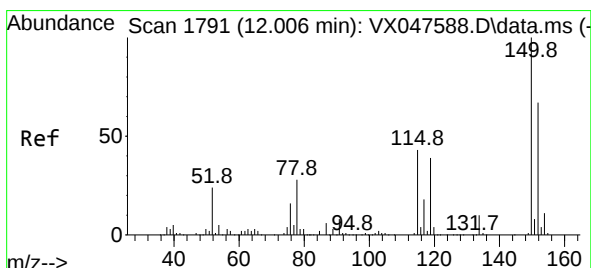
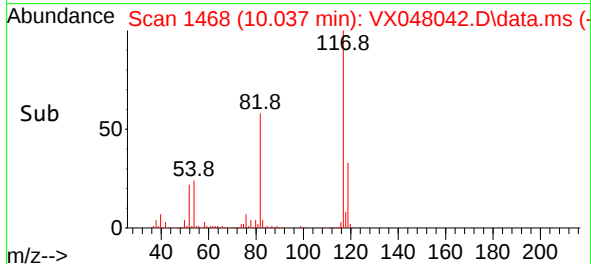
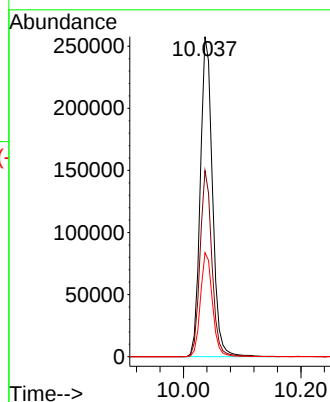
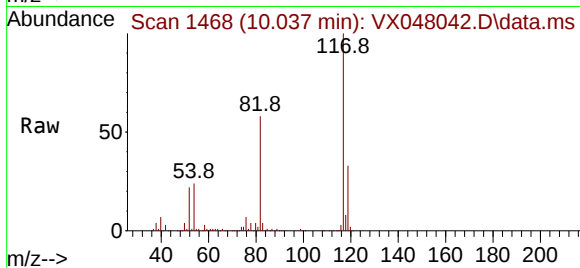
Tgt Ion:117 Resp: 370363

Ion Ratio Lower Upper

117 100

82 58.1 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# 1791

Delta R.T. -0.000 min

Lab File: VX048042.D

Acq: 07 Oct 2025 11:16

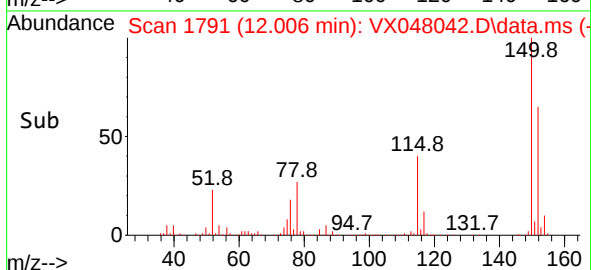
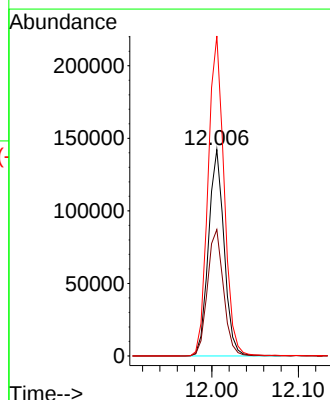
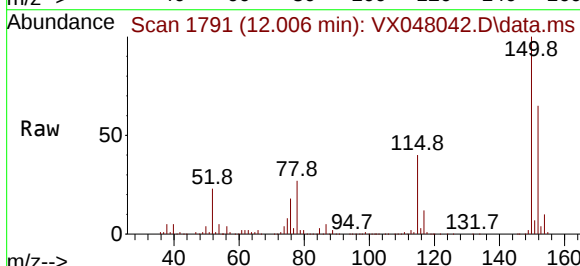
Tgt Ion:152 Resp: 177972

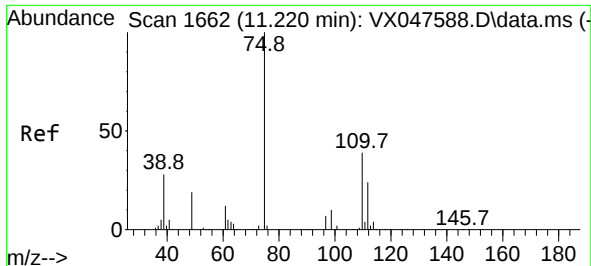
Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 159.1 0.0 352.0

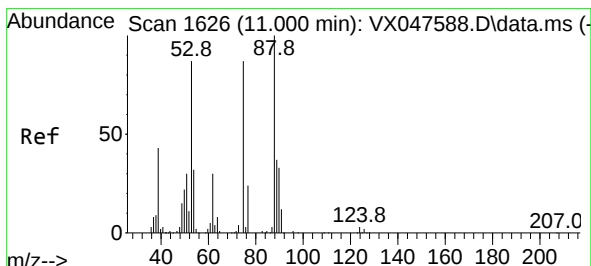
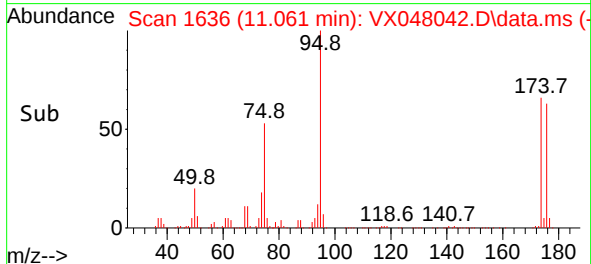
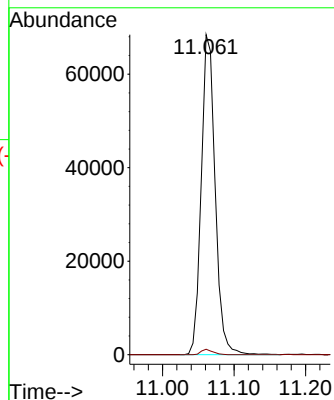
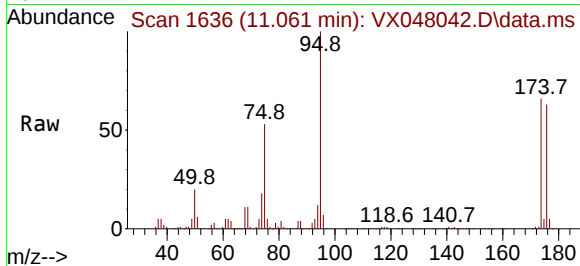




#76
1,2,3-Trichloropropane
Concen: 25.689 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

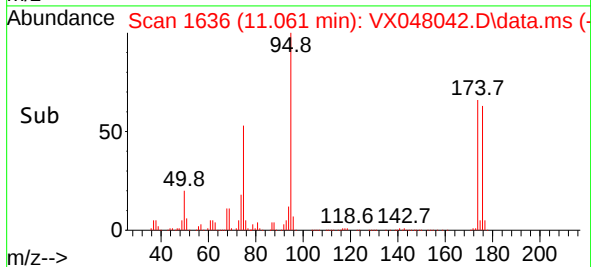
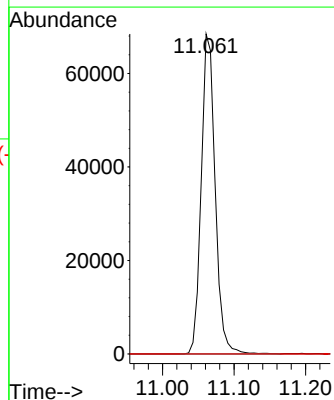
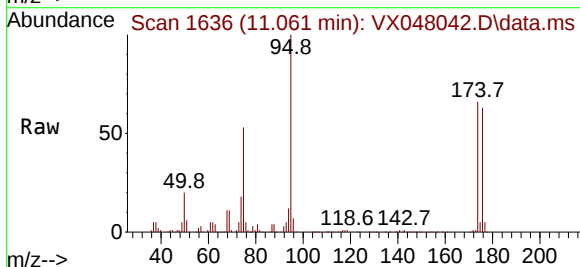
Instrument :
MSVOA_X
ClientSampleId :
IBLK

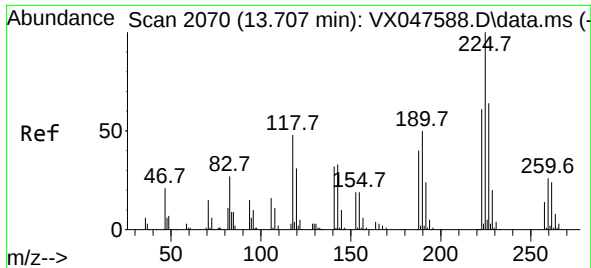
Tgt Ion: 75 Resp: 92569
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.512 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048042.D
Acq: 07 Oct 2025 11:16

Tgt Ion: 75 Resp: 92569
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#





#94

Hexachlorobutadiene

Concen: 0.336 ug/l

RT: 13.707 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX048042.D

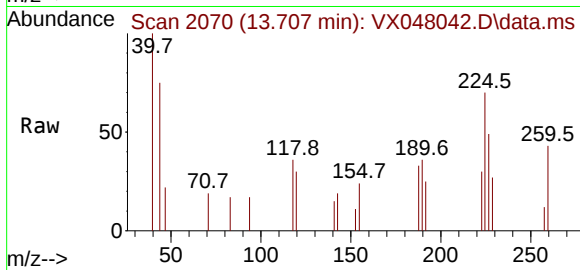
Acq: 07 Oct 2025 11:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:	225	Resp:	438
Ion	Ratio	Lower	Upper
225	100		
223	56.6	31.7	95.1
227	55.0	32.0	96.0

