

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048091.D
 Acq On : 09 Oct 2025 16:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:27:42 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)

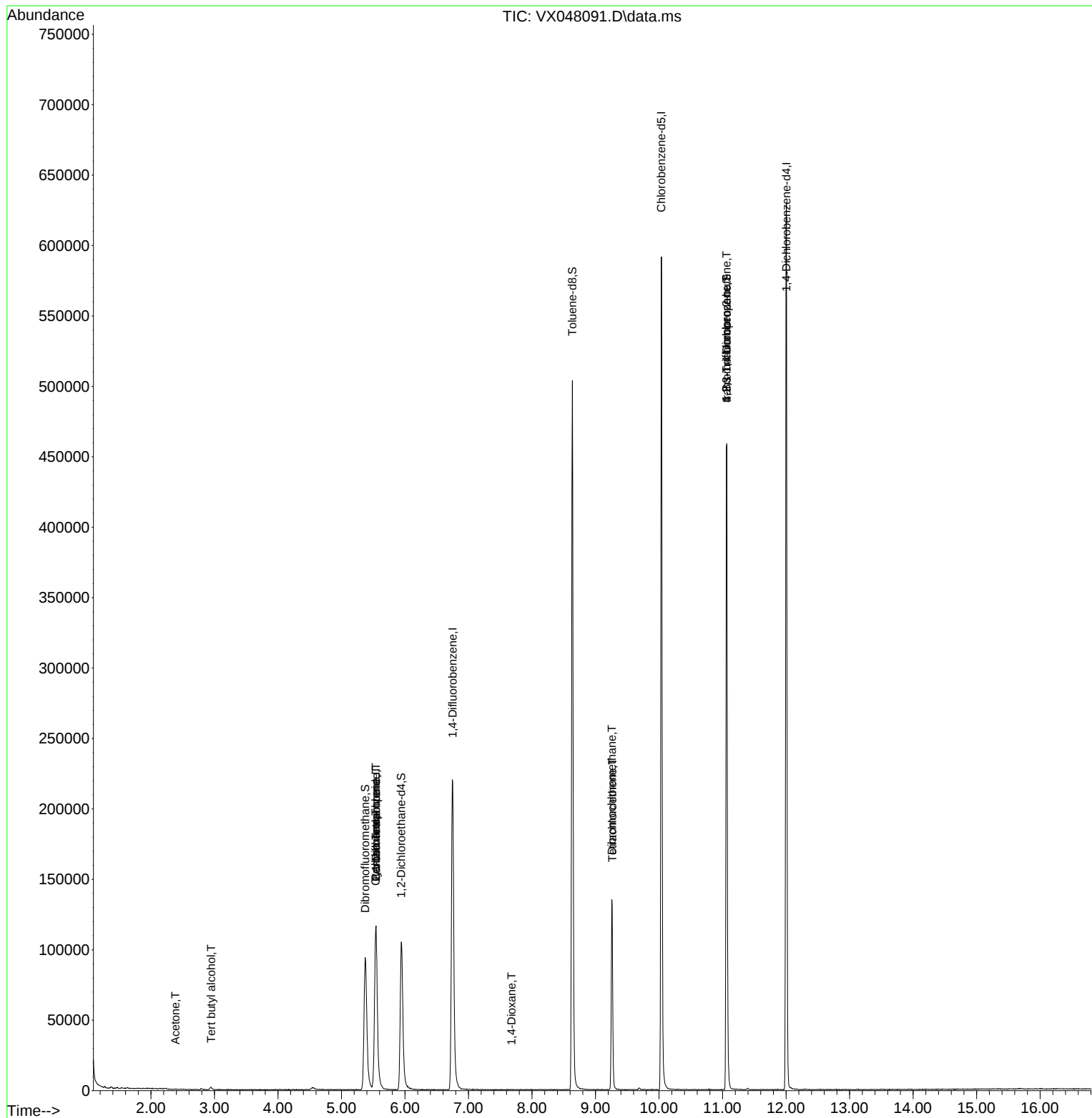
Internal Standards						
1) Pentafluorobenzene	5.544	168	115160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	244265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	263898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	115943	63.251	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	126.500%#
35) Dibromofluoromethane	5.373	113	91850	56.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.140%
50) Toluene-d8	8.635	98	308899	54.495	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.980%
62) 4-Bromofluorobenzene	11.061	95	136952	63.661	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	127.320%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1043	5.109	ug/l #	72
16) Acetone	2.386	43	460	0.577	ug/l #	45
31) Cyclohexane	5.538	56	2582	1.066	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	10423	4.354	ug/l #	51
38) Carbon Tetrachloride	5.544	117	12768	4.909	ug/l #	17
49) 1,4-Dioxane	7.677	88	43	2.032	ug/l #	21
60) Dibromochloromethane	9.256	129	26200	13.165	ug/l #	11
64) Tetrachloroethene	9.263	164	26210	15.235	ug/l	93
76) 1,2,3-Trichloropropane	11.061	75	72376	26.592	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	72376	67.813	ug/l #	8

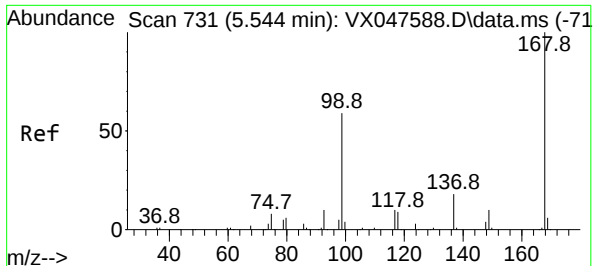
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
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Quant Time: Oct 10 01:27:42 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

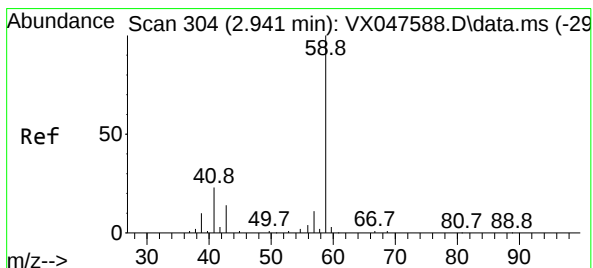
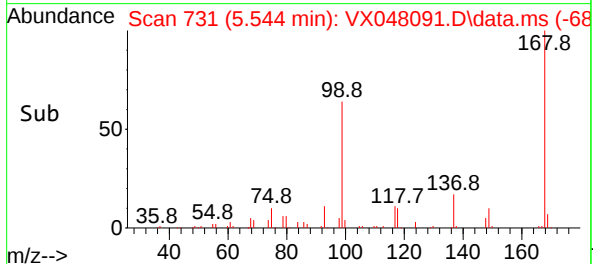
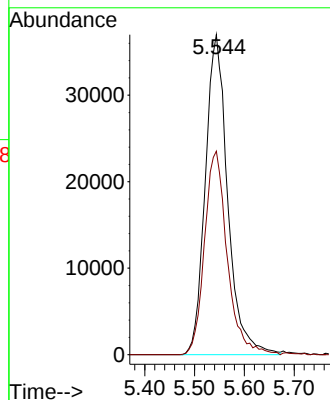
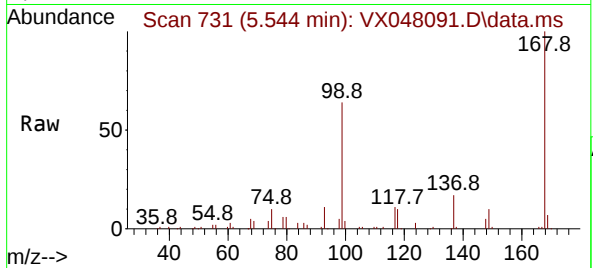




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

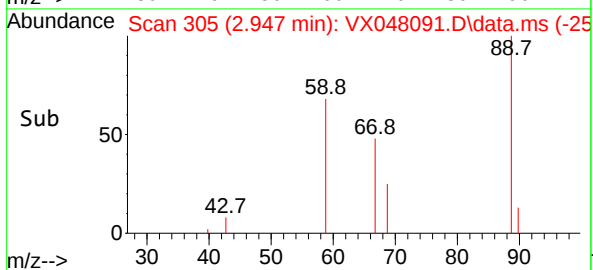
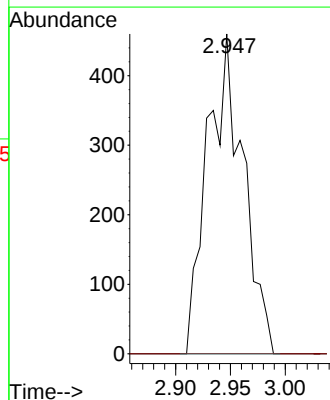
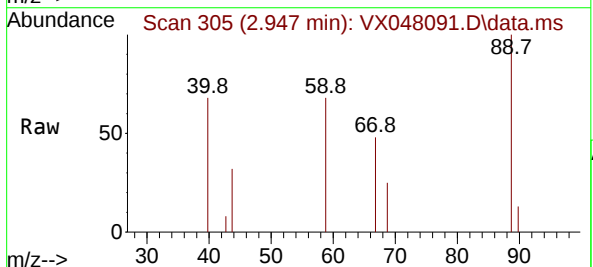
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 115160
Ion Ratio Lower Upper
168 100
99 63.6 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.109 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 59 Resp: 1043
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

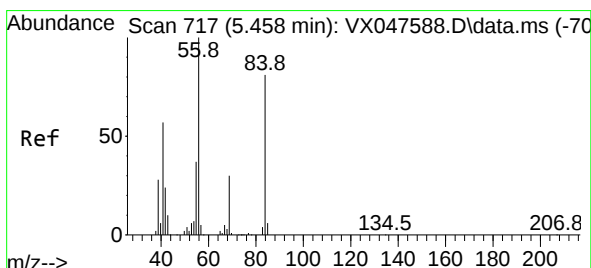
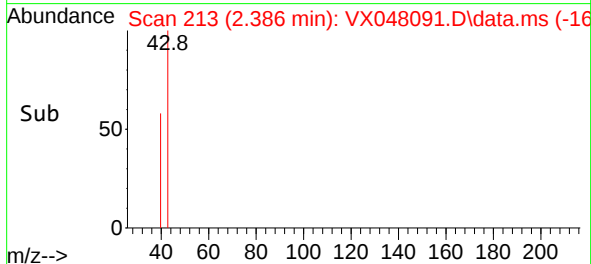
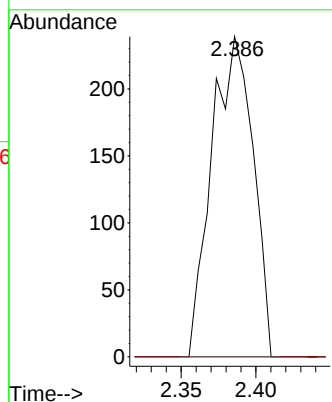
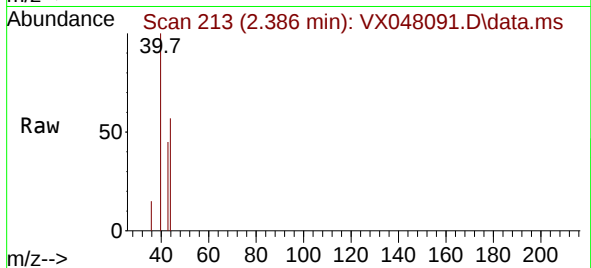




#16
Acetone
Concen: 0.577 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

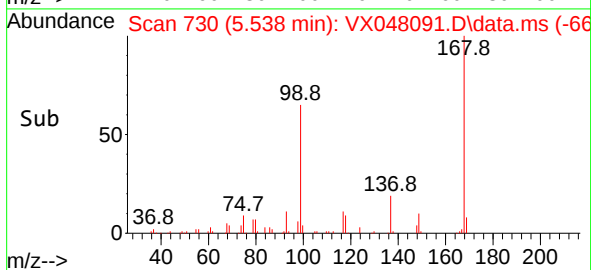
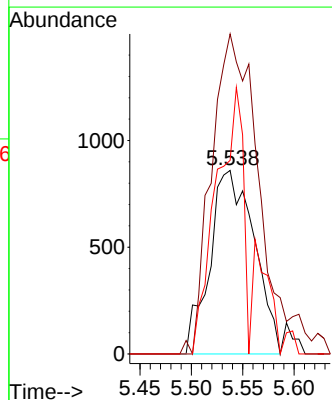
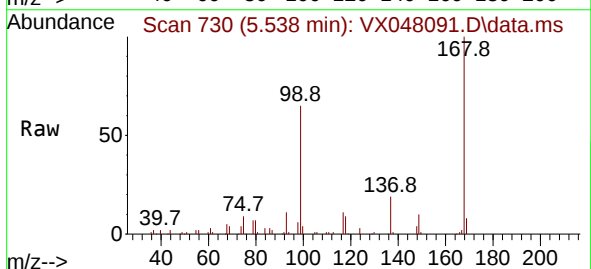
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 56 Resp: 2582
Ion Ratio Lower Upper
56 100
69 174.3 23.8 35.8#
84 105.5 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 63.251 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048091.D

Acq: 09 Oct 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

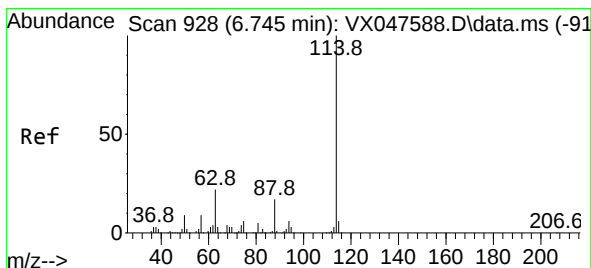
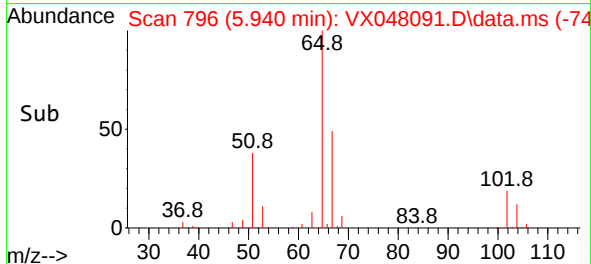
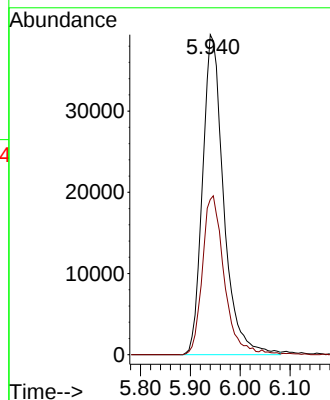
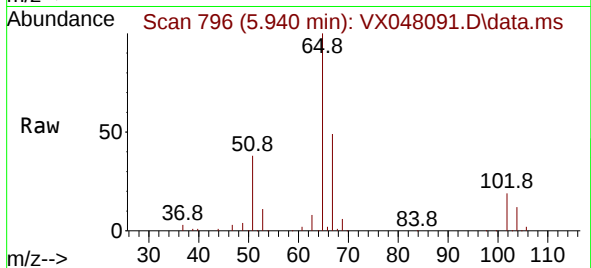
IBLK

Tgt Ion: 65 Resp: 115943

Ion Ratio Lower Upper

65 100

67 50.6 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: VX048091.D

Acq: 09 Oct 2025 16:44

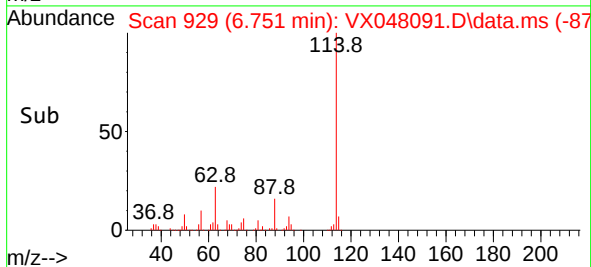
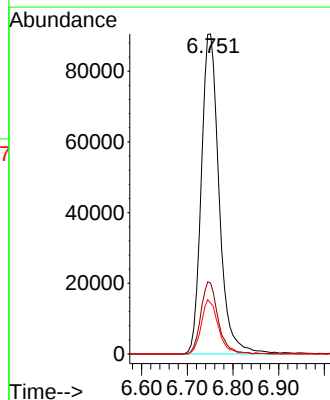
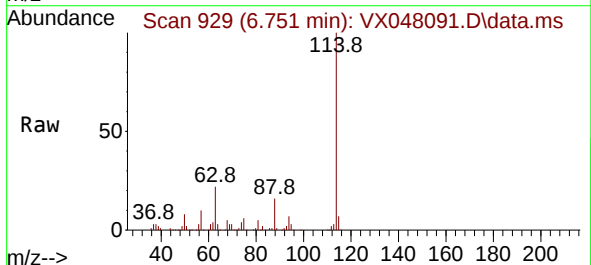
Tgt Ion: 114 Resp: 244265

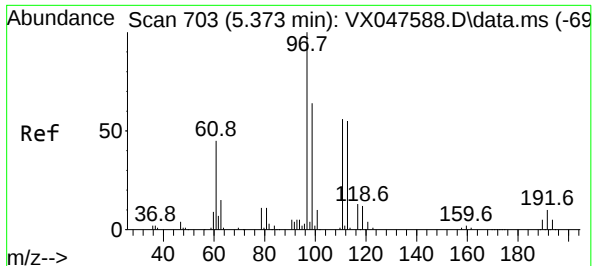
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 15.9 0.0 34.2





#35

Dibromofluoromethane

Concen: 56.068 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048091.D

Acq: 09 Oct 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

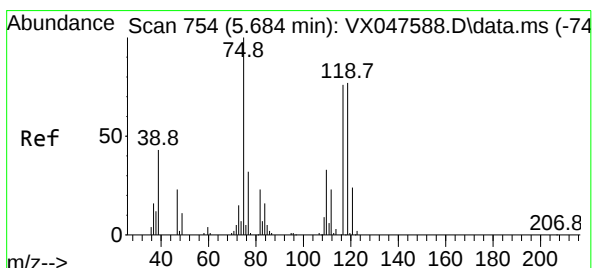
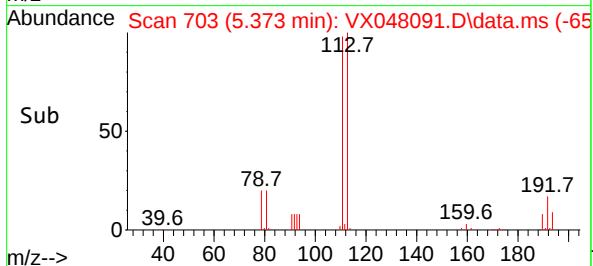
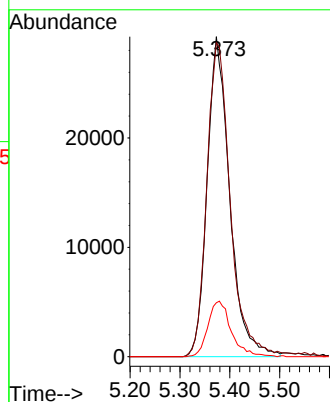
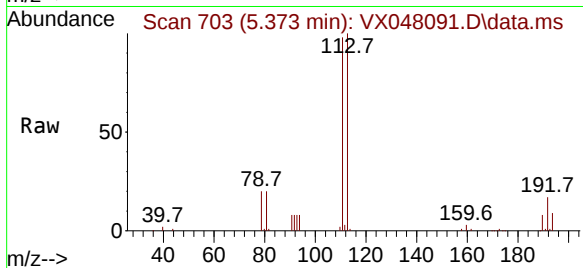
Tgt Ion:113 Resp: 91850

Ion Ratio Lower Upper

113 100

111 102.6 80.9 121.3

192 18.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.354 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048091.D

Acq: 09 Oct 2025 16:44

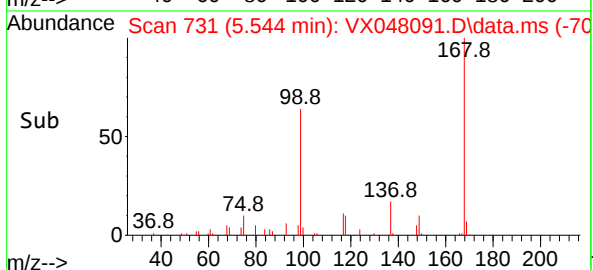
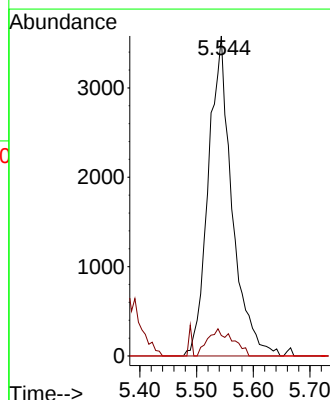
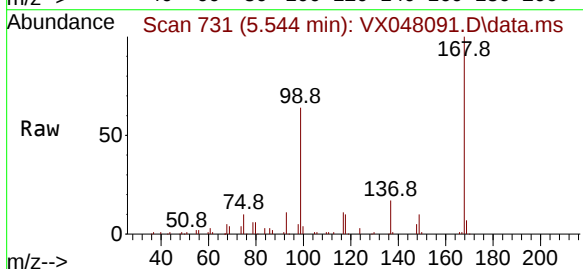
Tgt Ion: 75 Resp: 10423

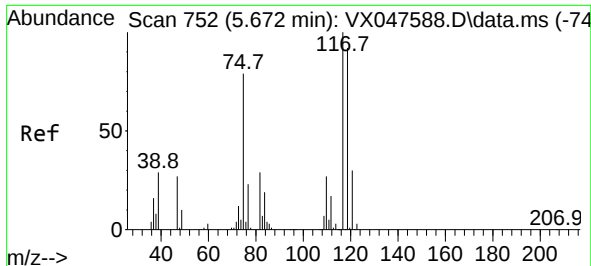
Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

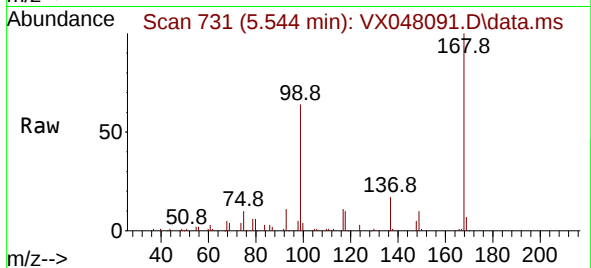
77 0.0 24.3 36.5#



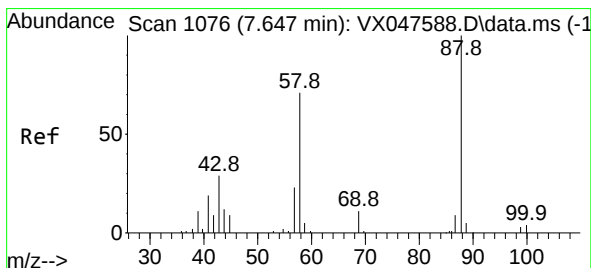
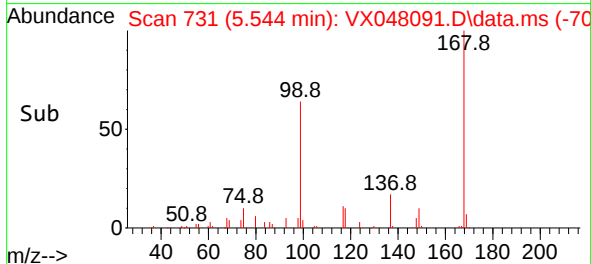
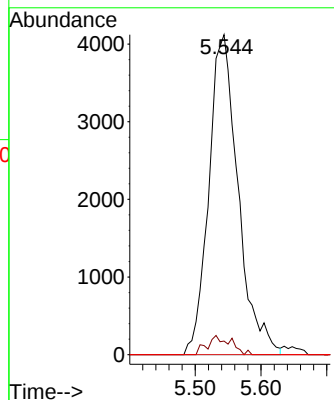


#38
Carbon Tetrachloride
Concen: 4.909 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

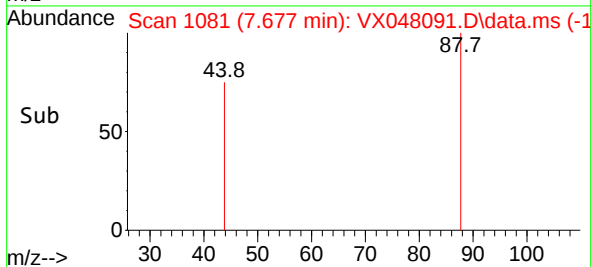
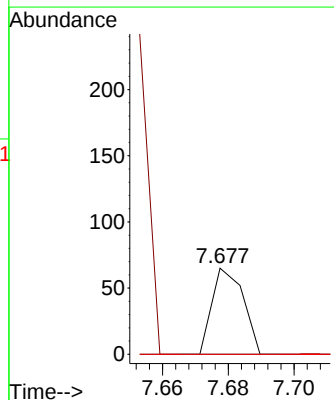
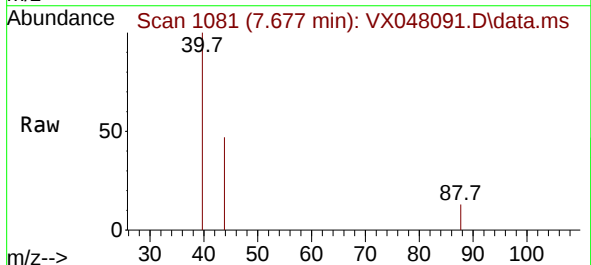


Tgt Ion:117 Resp: 12768
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 2.032 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.030 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 88 Resp: 43
Ion Ratio Lower Upper
88 100
43 0.0 30.2 45.2#
58 0.0 59.5 89.3#

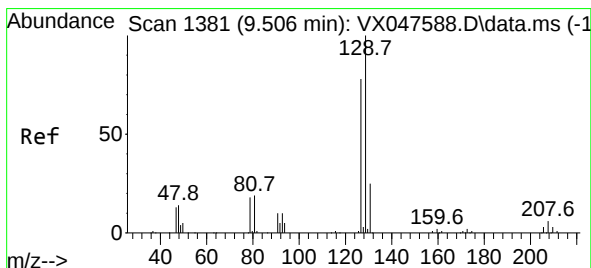
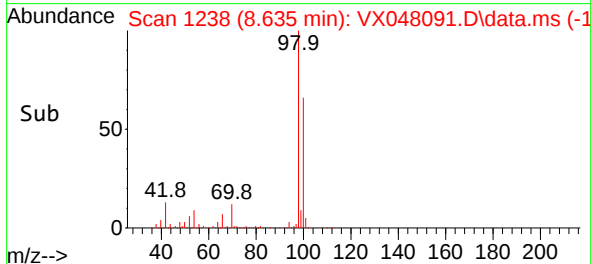
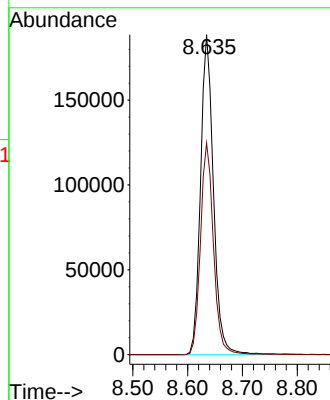
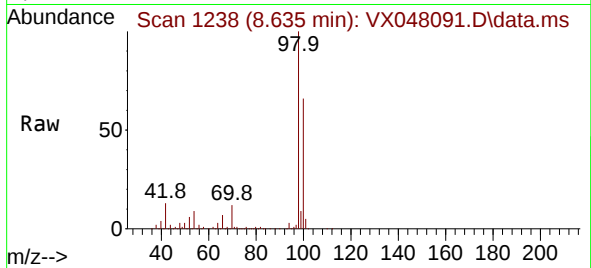




#50
Toluene-d8
Concen: 54.495 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

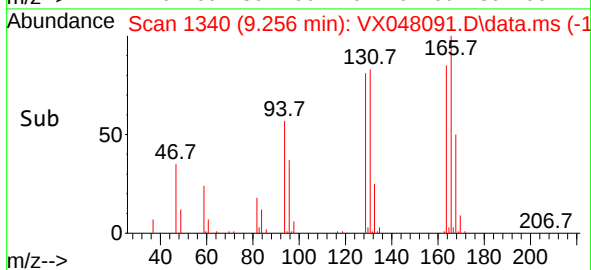
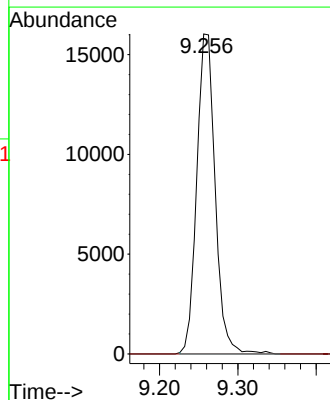
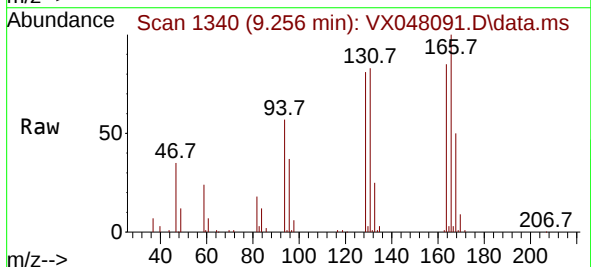
Instrument :
MSVOA_X
ClientSampleId :
IBLK

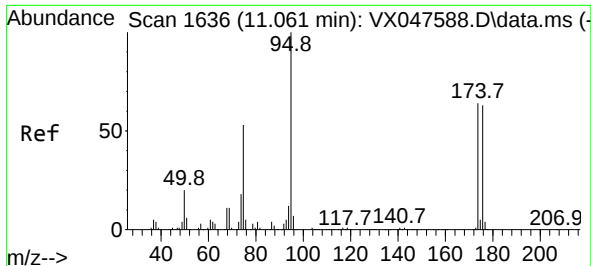
Tgt Ion: 98 Resp: 308899
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.4



#60
Dibromochloromethane
Concen: 13.165 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.250 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion:129 Resp: 26200
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

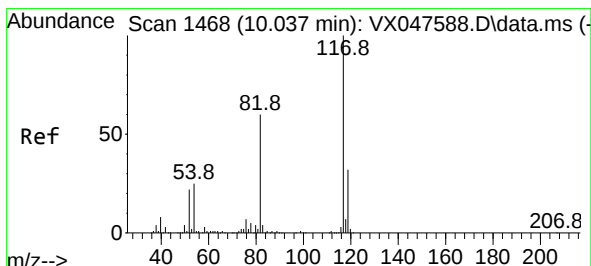
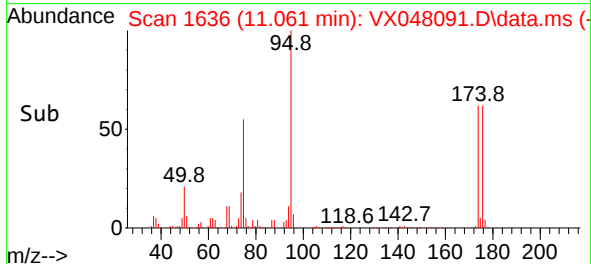
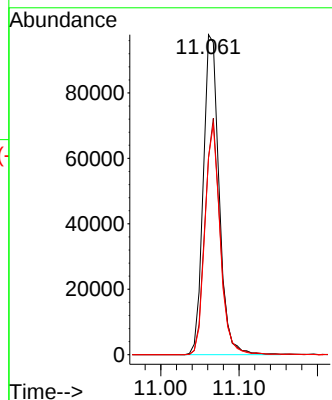
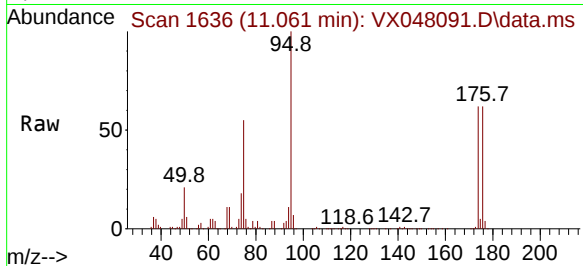




#62
4-Bromofluorobenzene
Concen: 63.661 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

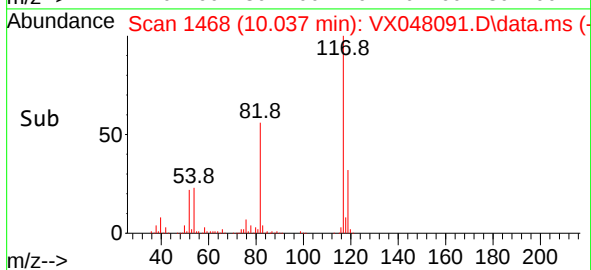
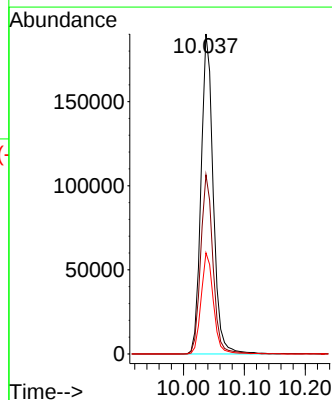
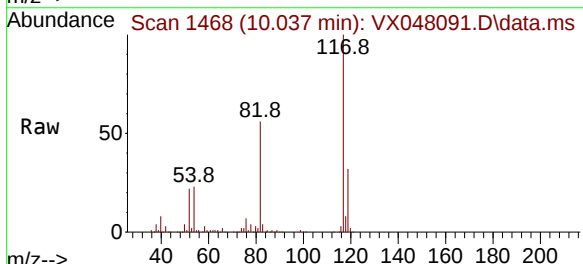
Instrument :
MSVOA_X
ClientSampleId :
IBLK

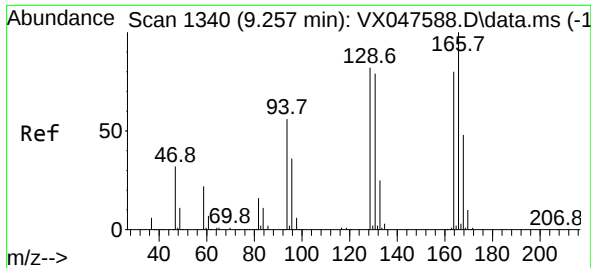
Tgt Ion: 95 Resp: 136952
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 69.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 117 Resp: 263898
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.6
119 31.6 25.2 37.8



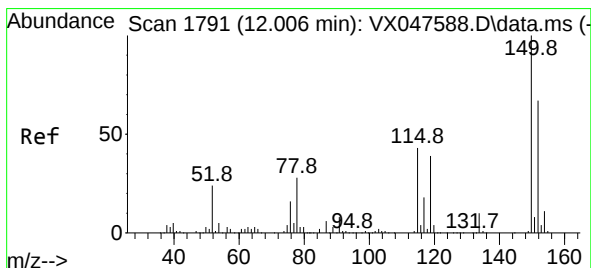
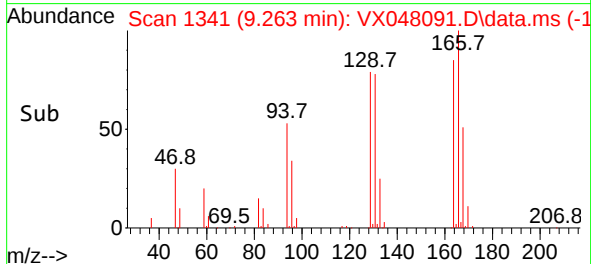
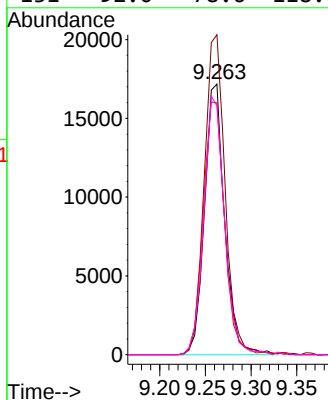
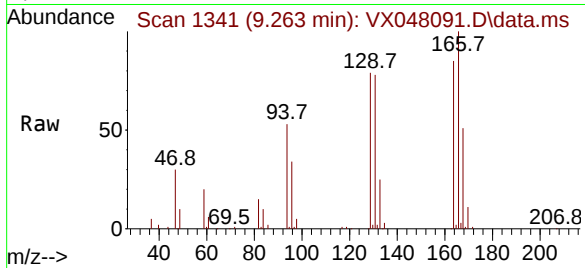


#64
Tetrachloroethene
Concen: 15.235 ug/l
RT: 9.263 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:164 Resp: 26210

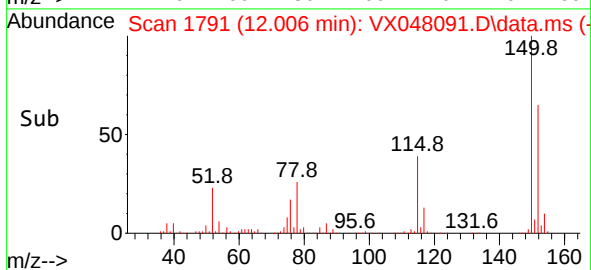
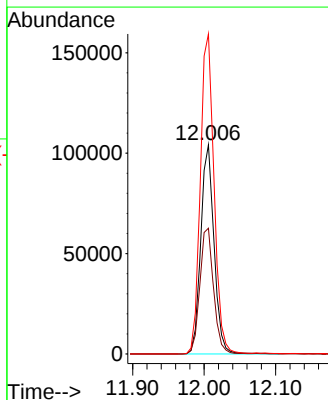
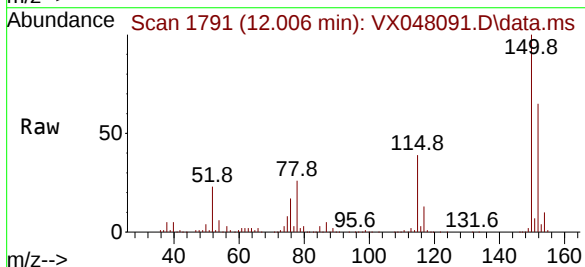
Ion	Ratio	Lower	Upper
164	100		
166	118.3	100.2	150.2
129	93.1	81.8	122.6
131	92.0	78.6	118.0

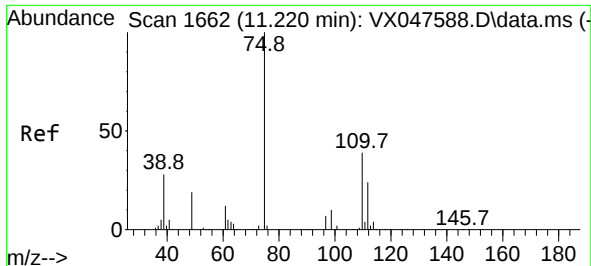


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion:152 Resp: 134428

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.9	134.5
150	157.6	0.0	352.0

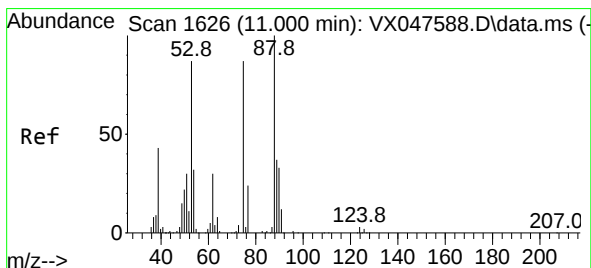
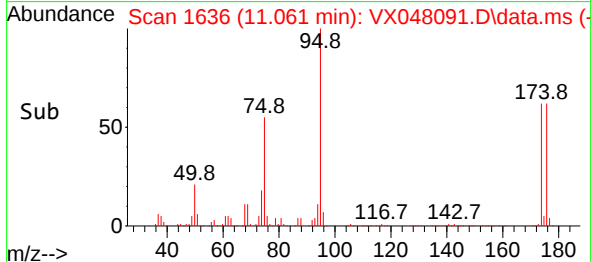
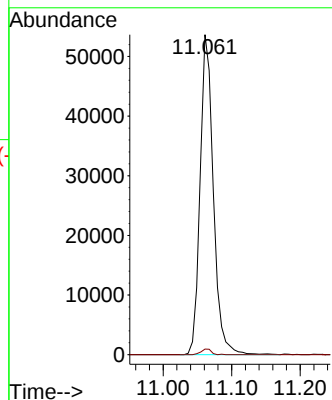
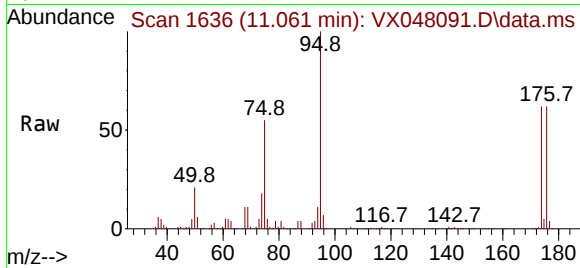




#76
1,2,3-Trichloropropane
Concen: 26.592 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 72376
Ion Ratio Lower Upper
75 100
77 1.4 18.8 56.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.813 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048091.D
Acq: 09 Oct 2025 16:44

Tgt Ion: 75 Resp: 72376
Ion Ratio Lower Upper
75 100
53 0.1 83.4 125.2#
89 0.0 36.3 54.5#

