

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
 Data File : VX048183.D
 Acq On : 15 Oct 2025 10:47
 Operator : JC/MD
 Sample : VX1015WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 16 04:02:25 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	116070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	256182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	266771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	133528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97588	52.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.640%	
35) Dibromofluoromethane	5.373	113	79378	46.201	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.400%	
50) Toluene-d8	8.634	98	282591	47.535	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.060%	
62) 4-Bromofluorobenzene	11.067	95	124695	55.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.540%	

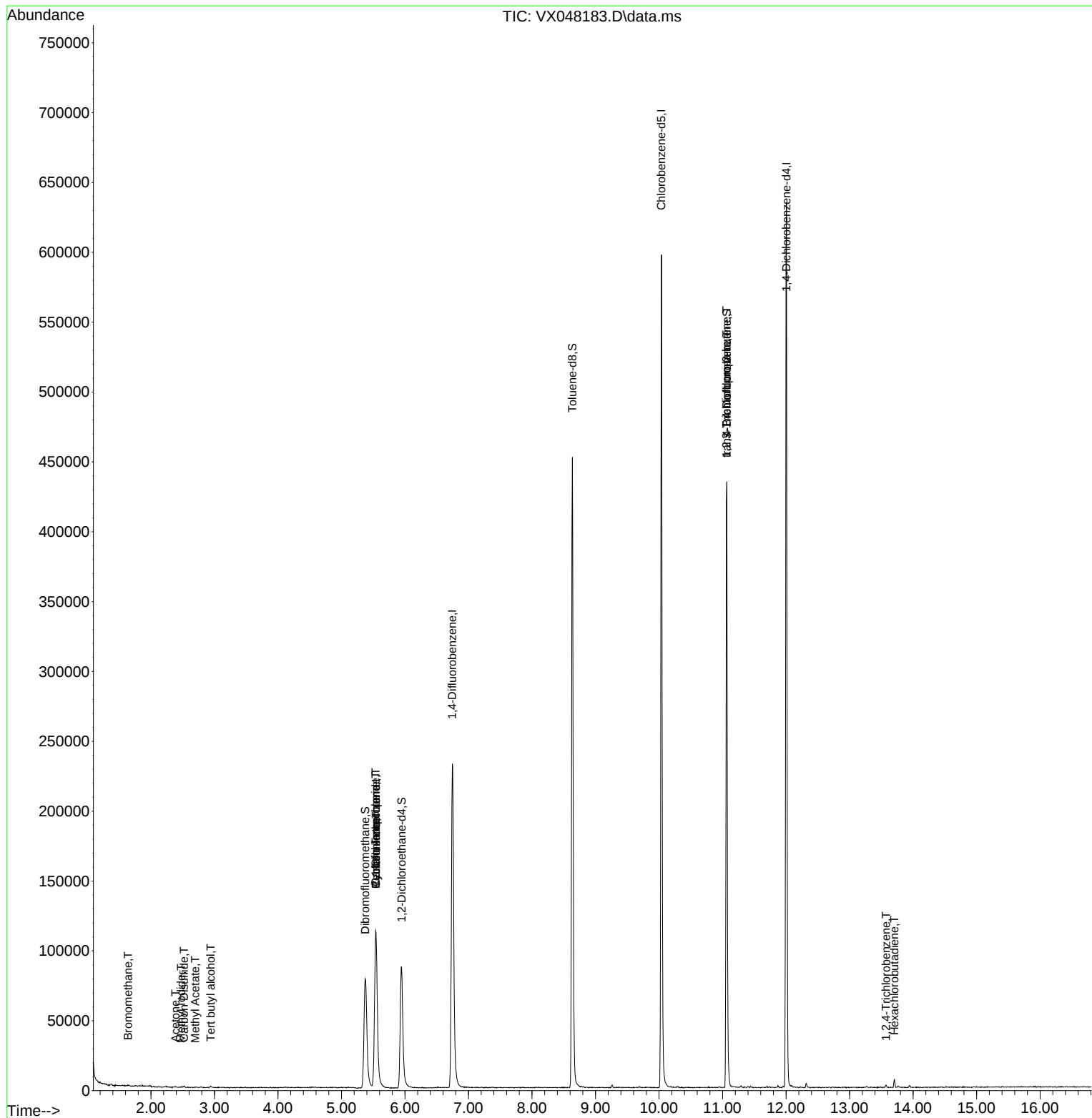
Target Compounds				Qvalue		
5) Bromomethane	1.636	94	206	0.210	ug/l	99
10) Methyl Iodide	2.477	142	689	0.329	ug/l #	81
11) Tert butyl alcohol	2.940	59	232	1.127	ug/l #	72
16) Acetone	2.386	43	343	0.427	ug/l #	69
17) Carbon Disulfide	2.520	76	1017	0.269	ug/l	97
18) Methyl Acetate	2.697	43	488	0.273	ug/l #	54
31) Cyclohexane	5.544	56	2543	1.042	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	9441	3.761	ug/l #	51
38) Carbon Tetrachloride	5.537	117	11952	4.382	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	66214	24.492	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	66214	62.457	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.573	180	719	0.250	ug/l	81
94) Hexachlorobutadiene	13.707	225	872	0.893	ug/l	91

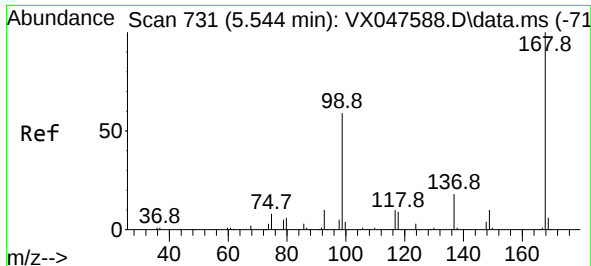
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048183.D
Acq On : 15 Oct 2025 10:47
Operator : JC/MD
Sample : VX1015WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

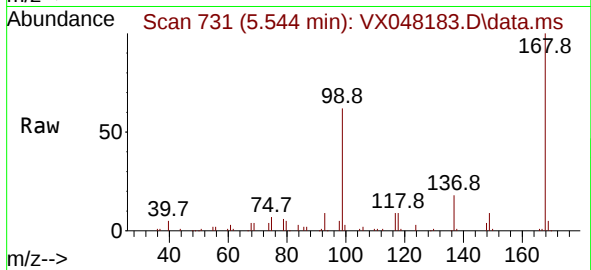
Quant Time: Oct 16 04:02:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



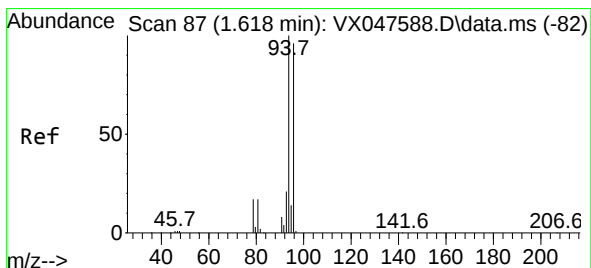
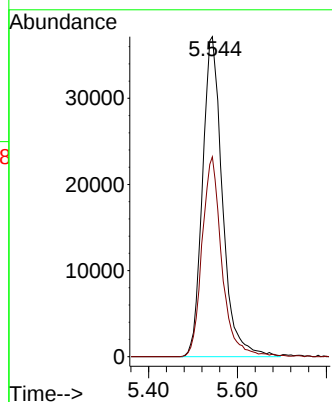
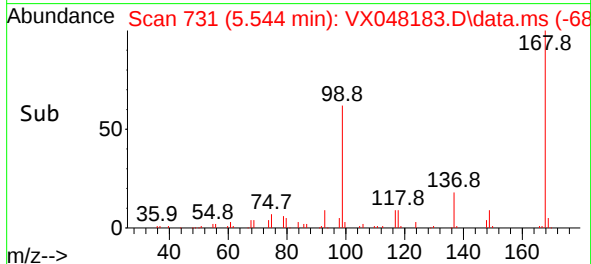


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Instrument :
MSVOA_X
ClientSampleId :

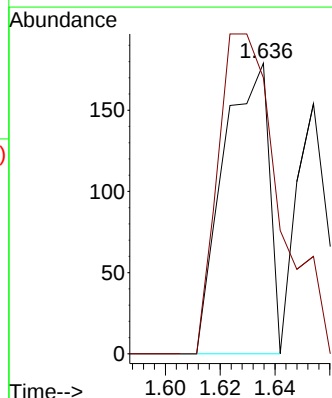
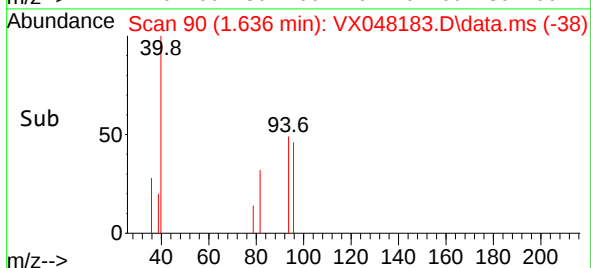
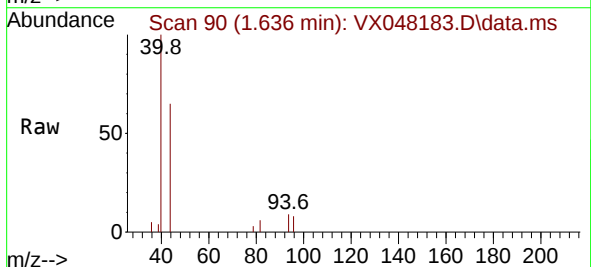


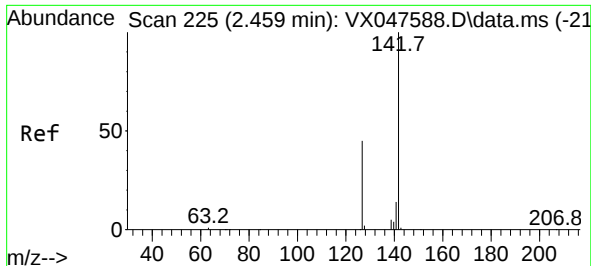
Tgt Ion:168 Resp: 116070
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#5
Bromomethane
Concen: 0.210 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

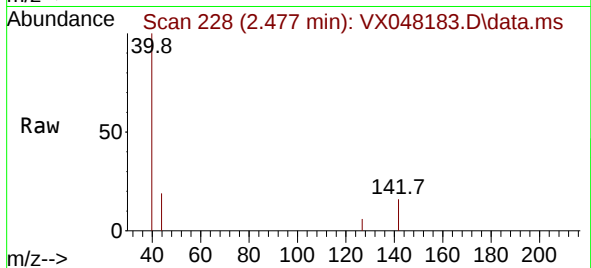
Tgt Ion: 94 Resp: 206
Ion Ratio Lower Upper
94 100
96 95.0 76.6 115.0



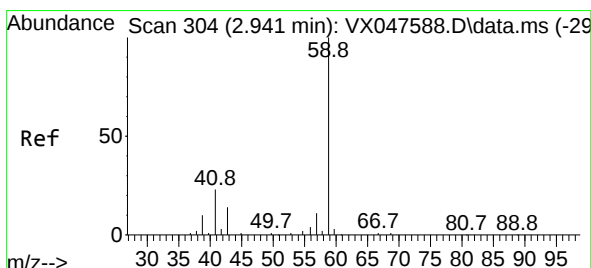
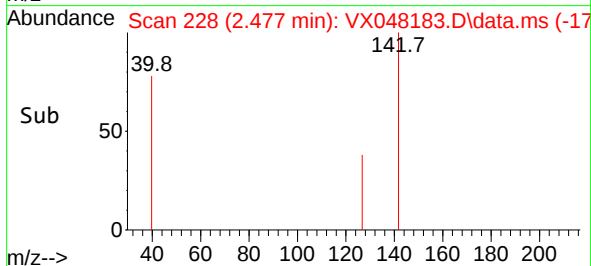
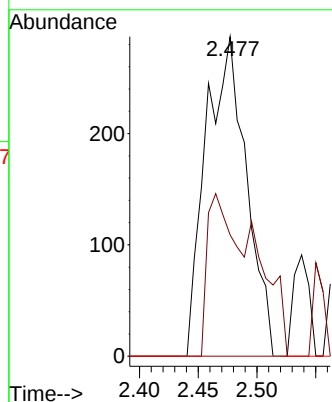


#10
Methyl Iodide
Concen: 0.329 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Instrument :
MSVOA_X
ClientSampleId :

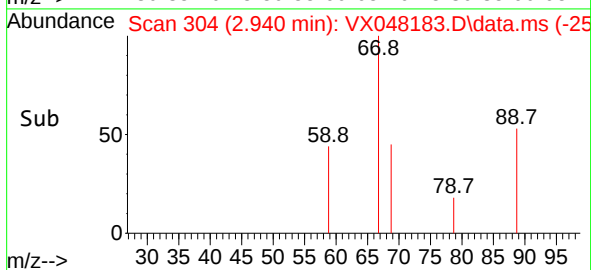
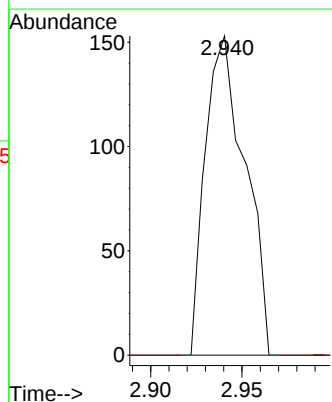
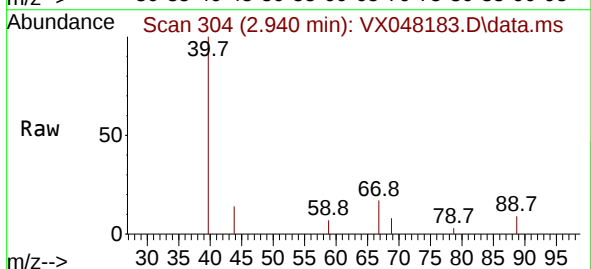


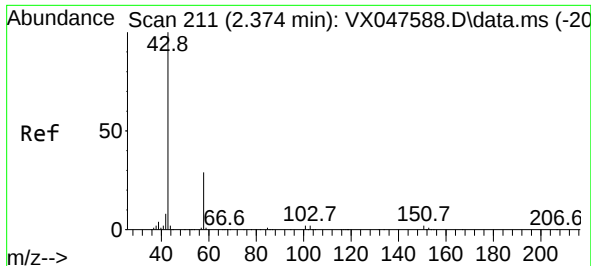
Tgt Ion:142 Resp: 689
Ion Ratio Lower Upper
142 100
127 37.0 37.2 55.8#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.127 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

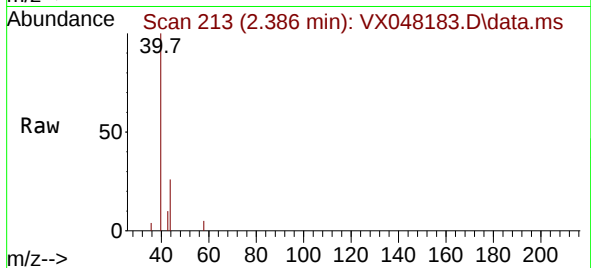
Tgt Ion: 59 Resp: 232
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



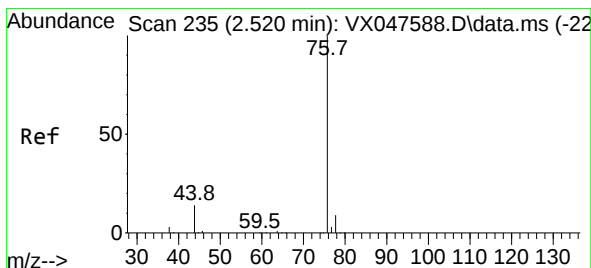
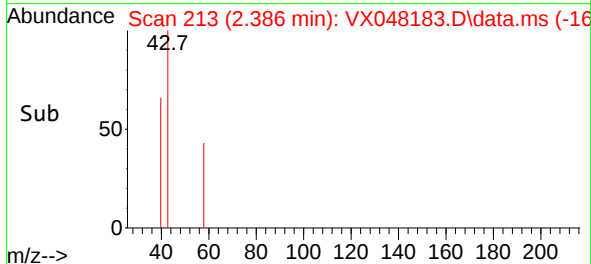
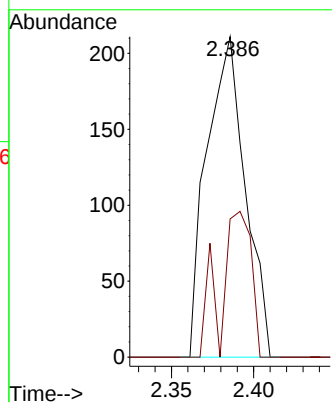


#16
Acetone
Concen: 0.427 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.012 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Instrument :
MSVOA_X
ClientSampleId :

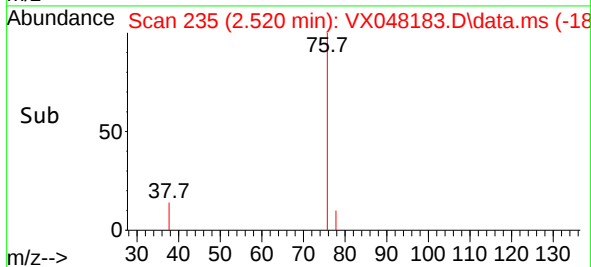
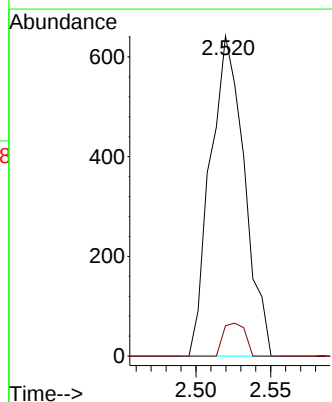
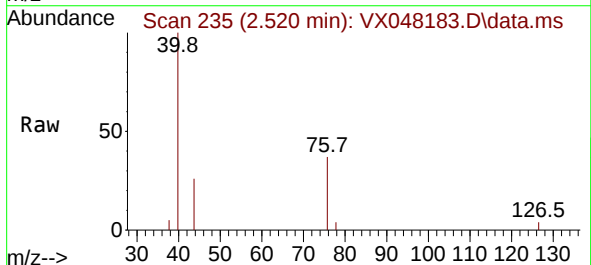


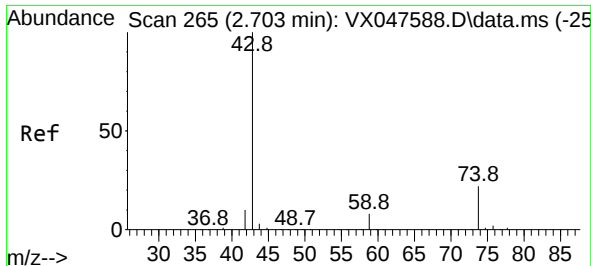
Tgt Ion: 43 Resp: 343
Ion Ratio Lower Upper
43 100
58 12.5 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Tgt Ion: 76 Resp: 1017
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

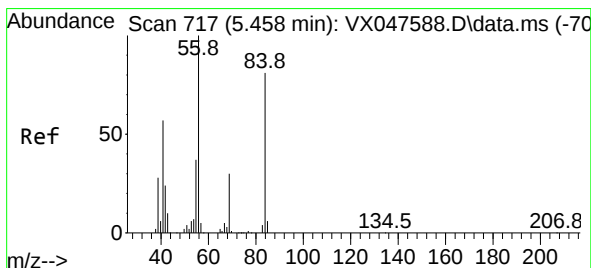
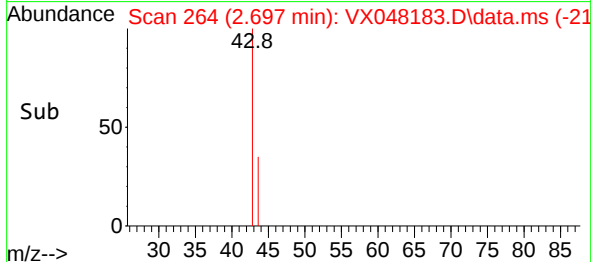
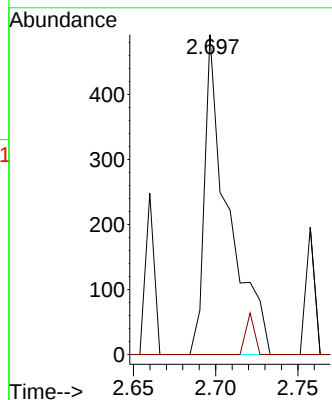
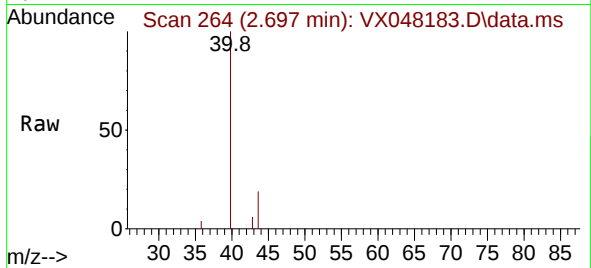




#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 2.697 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

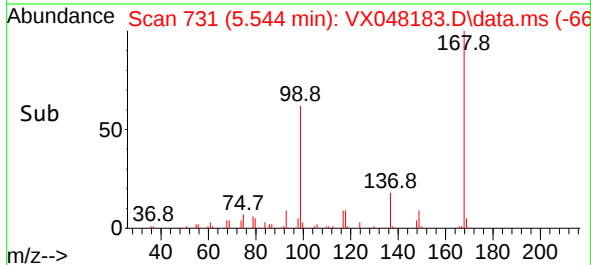
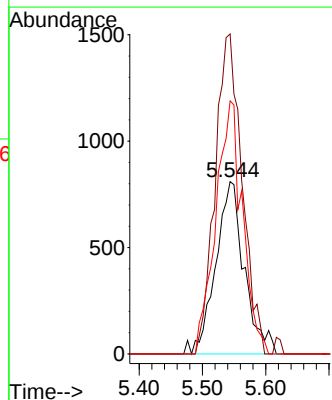
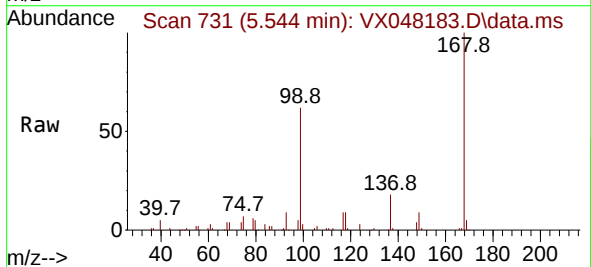
Instrument :
MSVOA_X
ClientSampleId :

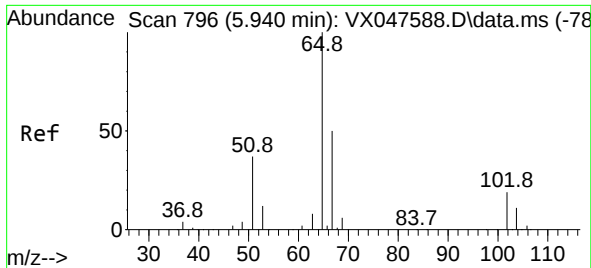
Tgt Ion: 43 Resp: 488
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.085 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Tgt Ion: 56 Resp: 2543
Ion Ratio Lower Upper
56 100
69 185.7 23.8 35.8#
84 146.9 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 52.820 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048183.D

Acq: 15 Oct 2025 10:47

Instrument :

MSVOA_X

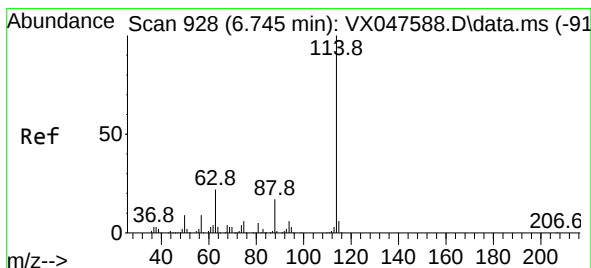
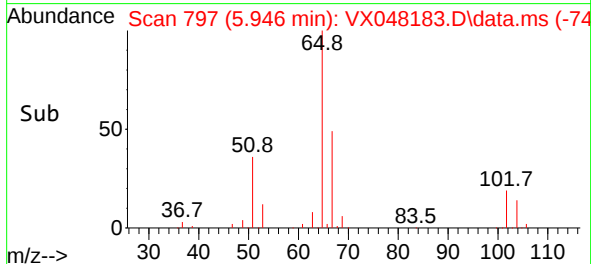
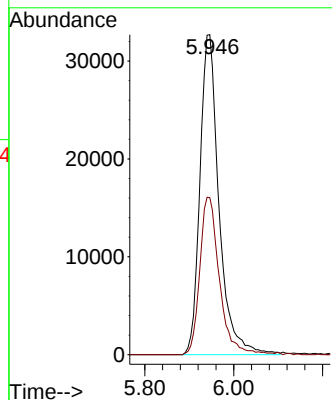
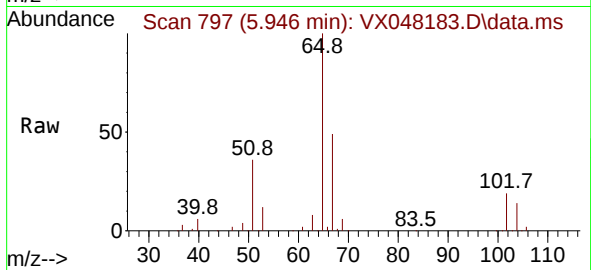
ClientSampleId :

Tgt Ion: 65 Resp: 97588

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048183.D

Acq: 15 Oct 2025 10:47

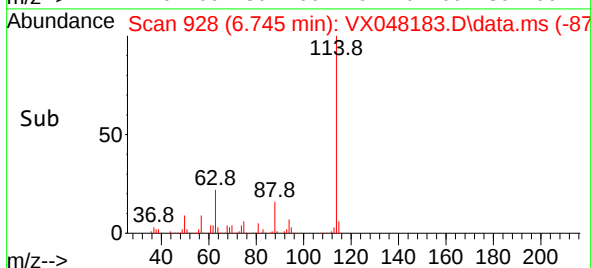
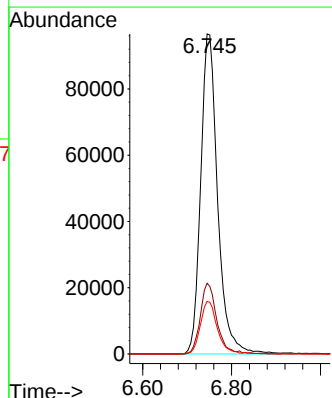
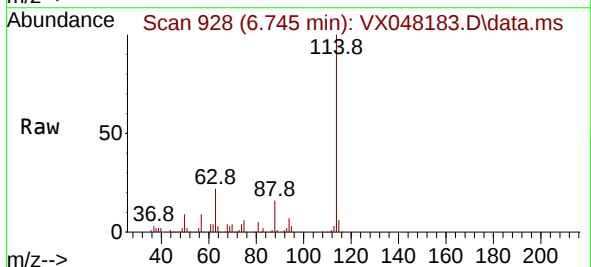
Tgt Ion: 114 Resp: 256182

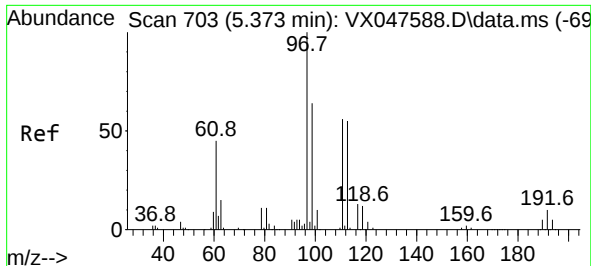
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 46.201 ug/l

RT: 5.373 min Scan# 703

Delta R.T. -0.000 min

Lab File: VX048183.D

Acq: 15 Oct 2025 10:47

Instrument :

MSVOA_X

ClientSampleId :

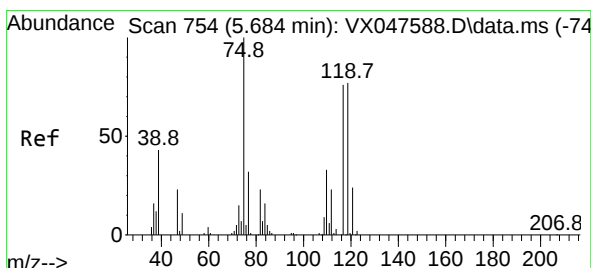
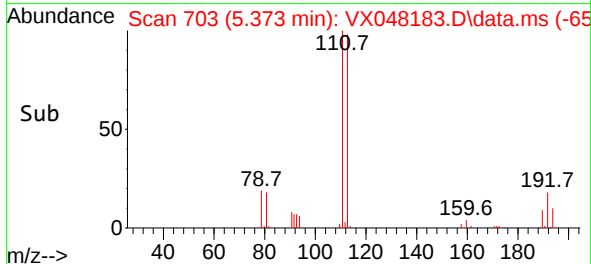
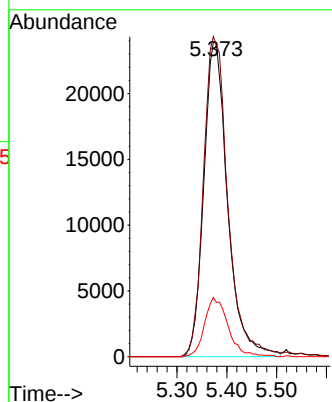
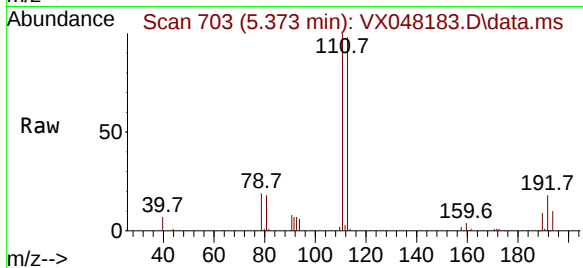
Tgt Ion:113 Resp: 79378

Ion Ratio Lower Upper

113 100

111 104.0 80.9 121.3

192 18.6 14.2 21.4



#36

1,1-Dichloropropene

Concen: 3.761 ug/l

RT: 5.537 min Scan# 730

Delta R.T. -0.147 min

Lab File: VX048183.D

Acq: 15 Oct 2025 10:47

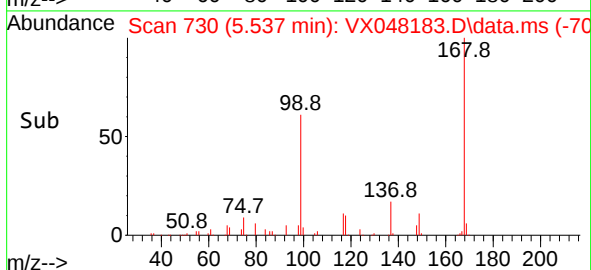
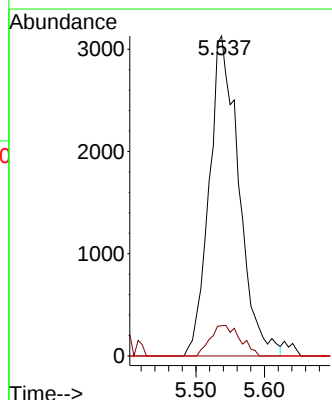
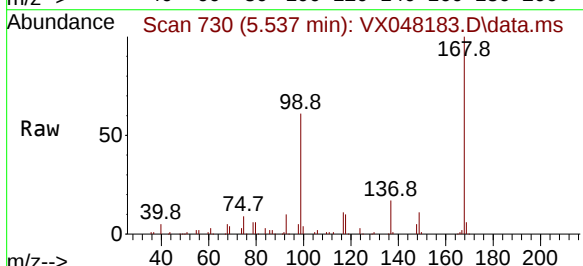
Tgt Ion: 75 Resp: 9441

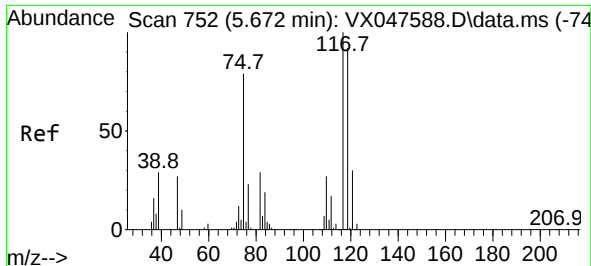
Ion Ratio Lower Upper

75 100

110 9.6 16.7 50.1#

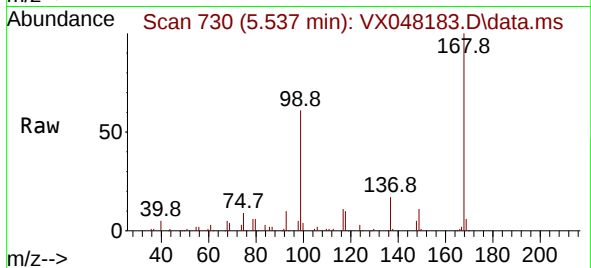
77 0.0 24.3 36.5#



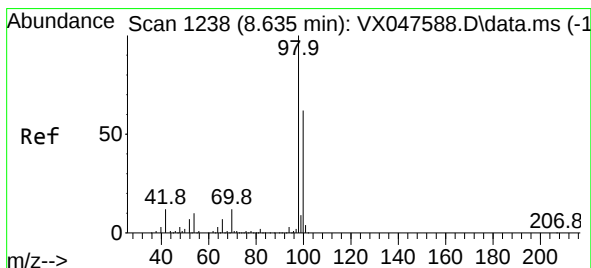
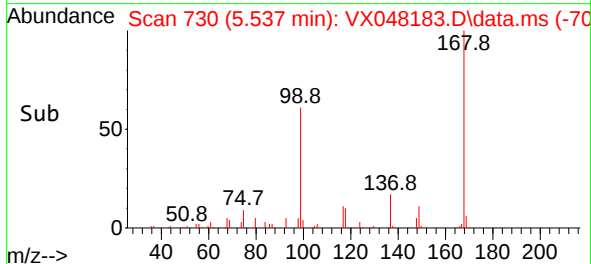
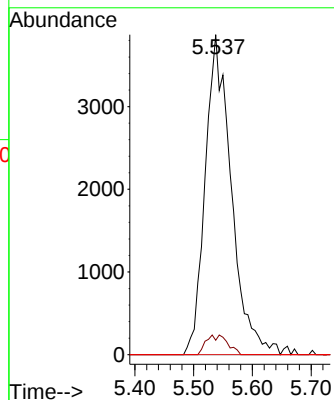


#38
Carbon Tetrachloride
Concen: 4.382 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Instrument :
MSVOA_X
ClientSampleId :

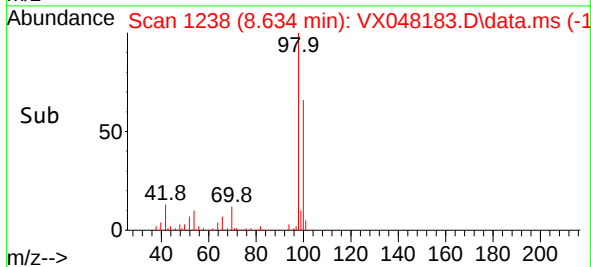
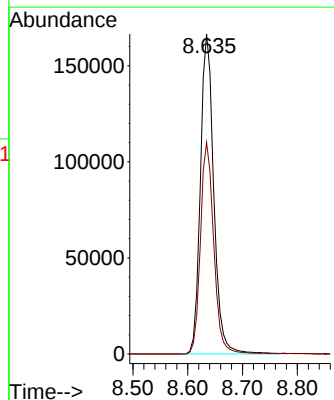
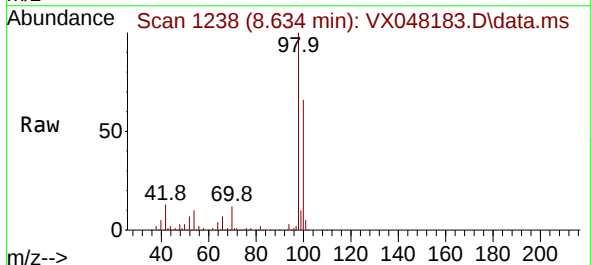


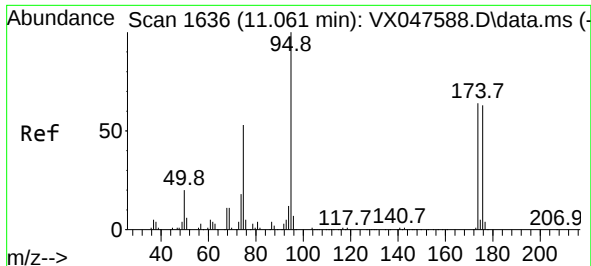
Tgt Ion:117 Resp: 11952
Ion Ratio Lower Upper
117 100
119 4.5 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 47.535 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Tgt Ion: 98 Resp: 282591
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

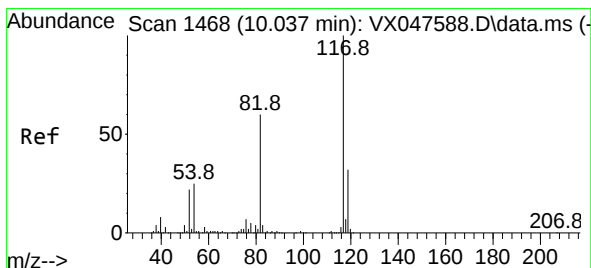
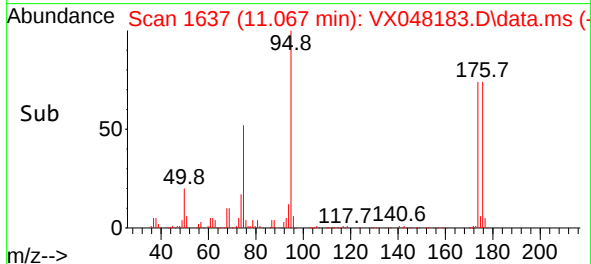
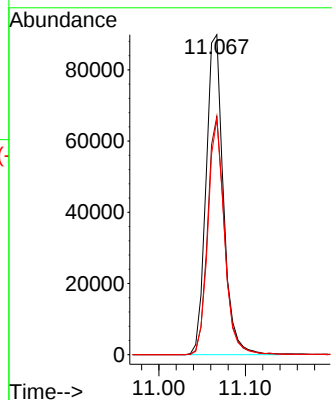
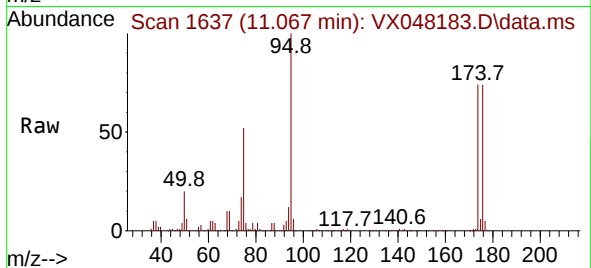




#62
4-Bromofluorobenzene
Concen: 55.267 ug/l
RT: 11.067 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

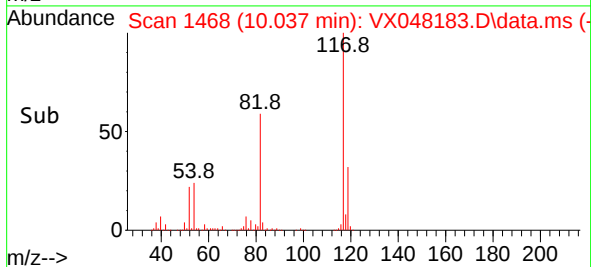
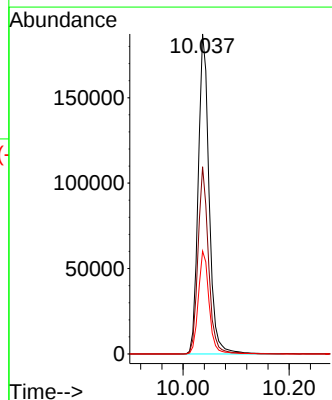
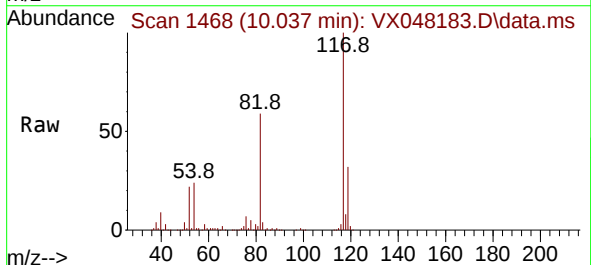
Instrument :
MSVOA_X
ClientSampleId :

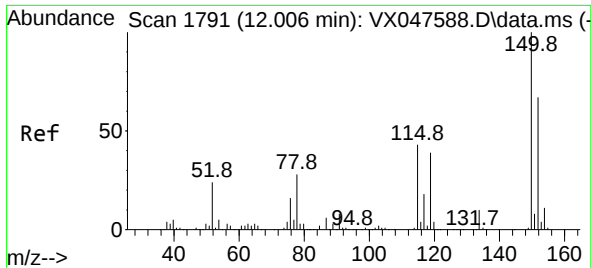
Tgt Ion: 95 Resp: 124695
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 70.5 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

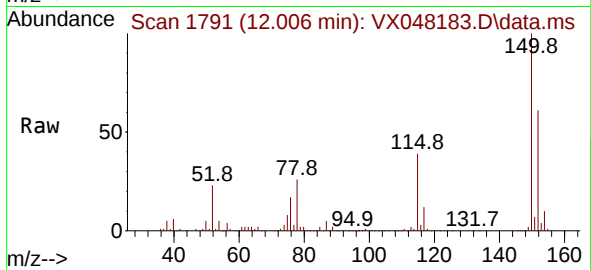
Tgt Ion: 117 Resp: 266771
Ion Ratio Lower Upper
117 100
82 58.5 47.8 71.6
119 32.2 25.2 37.8



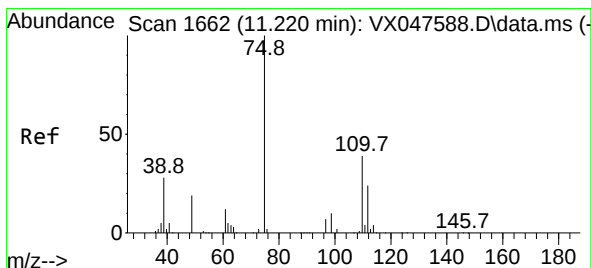
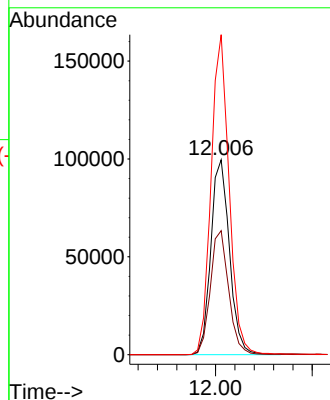
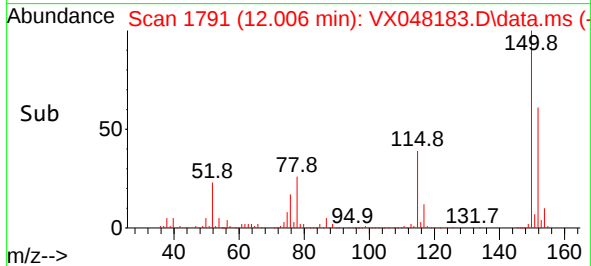


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

Instrument :
MSVOA_X
ClientSampleId :

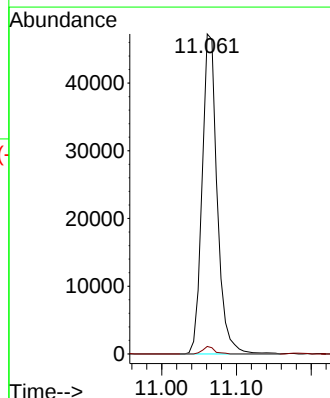
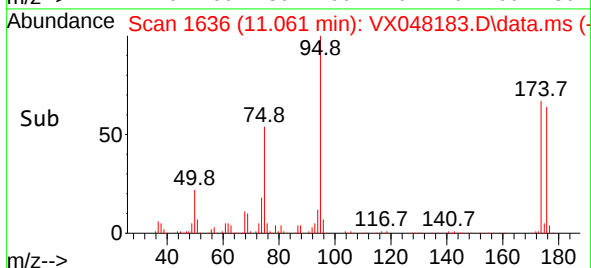
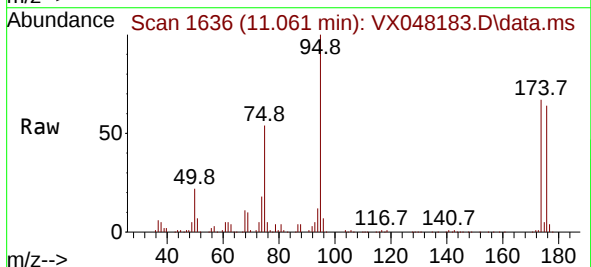


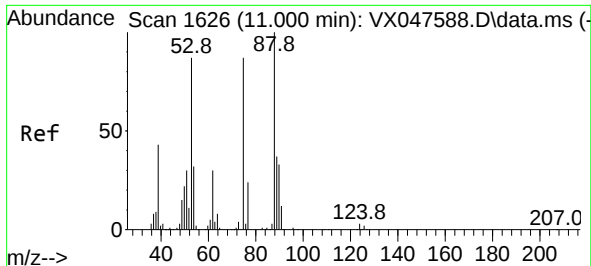
Tgt Ion:152 Resp: 133528
Ion Ratio Lower Upper
152 100
115 62.9 44.9 134.5
150 159.4 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.492 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

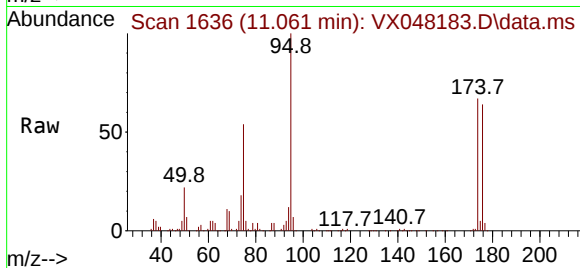
Tgt Ion: 75 Resp: 66214
Ion Ratio Lower Upper
75 100
77 1.8 18.8 56.4#



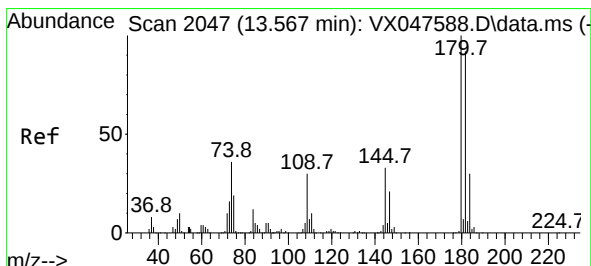
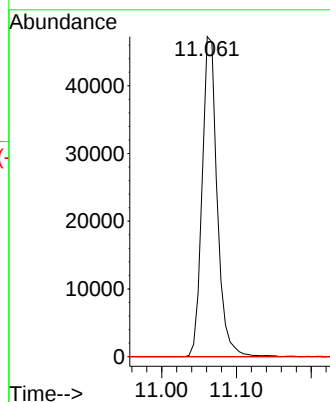
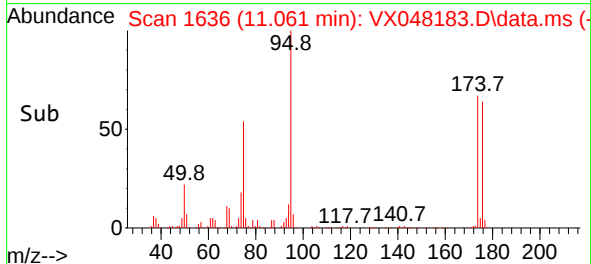


#81
trans-1,4-Dichloro-2-butene
Concen: 62.457 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47

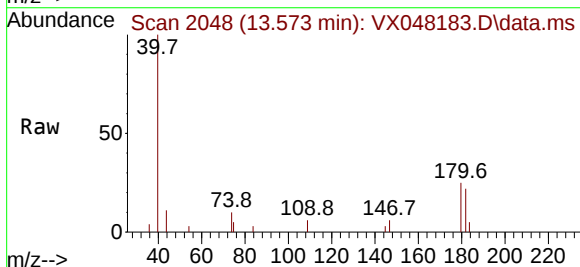
Instrument :
MSVOA_X
ClientSampleId :



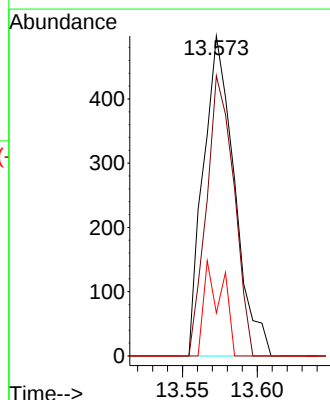
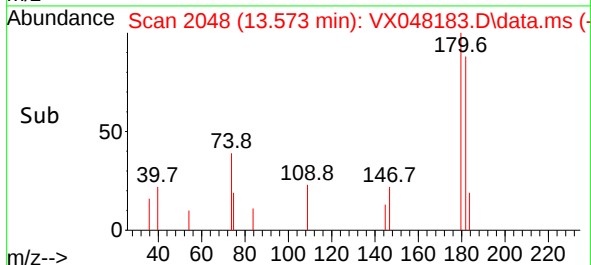
Tgt Ion: 75 Resp: 66214
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#

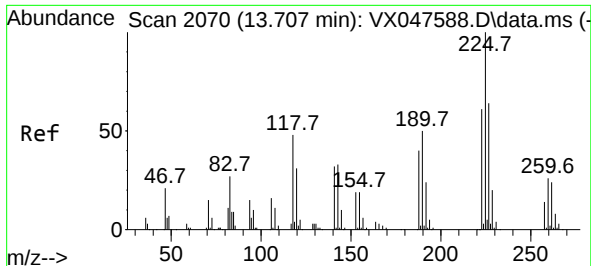


#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048183.D
Acq: 15 Oct 2025 10:47



Tgt Ion: 180 Resp: 719
Ion Ratio Lower Upper
180 100
182 77.5 46.6 139.8
145 17.5 16.4 49.1





#94
 Hexachlorobutadiene
 Concen: 0.893 ug/l
 RT: 13.707 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX048183.D
 Acq: 15 Oct 2025 10:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.6	31.7	95.1
227	54.9	32.0	96.0

