

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047797.D
 Acq On : 25 Sep 2025 09:46
 Operator : JC/MD
 Sample : VX0925WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBL01

Quant Time: Sep 26 01:22:01 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)

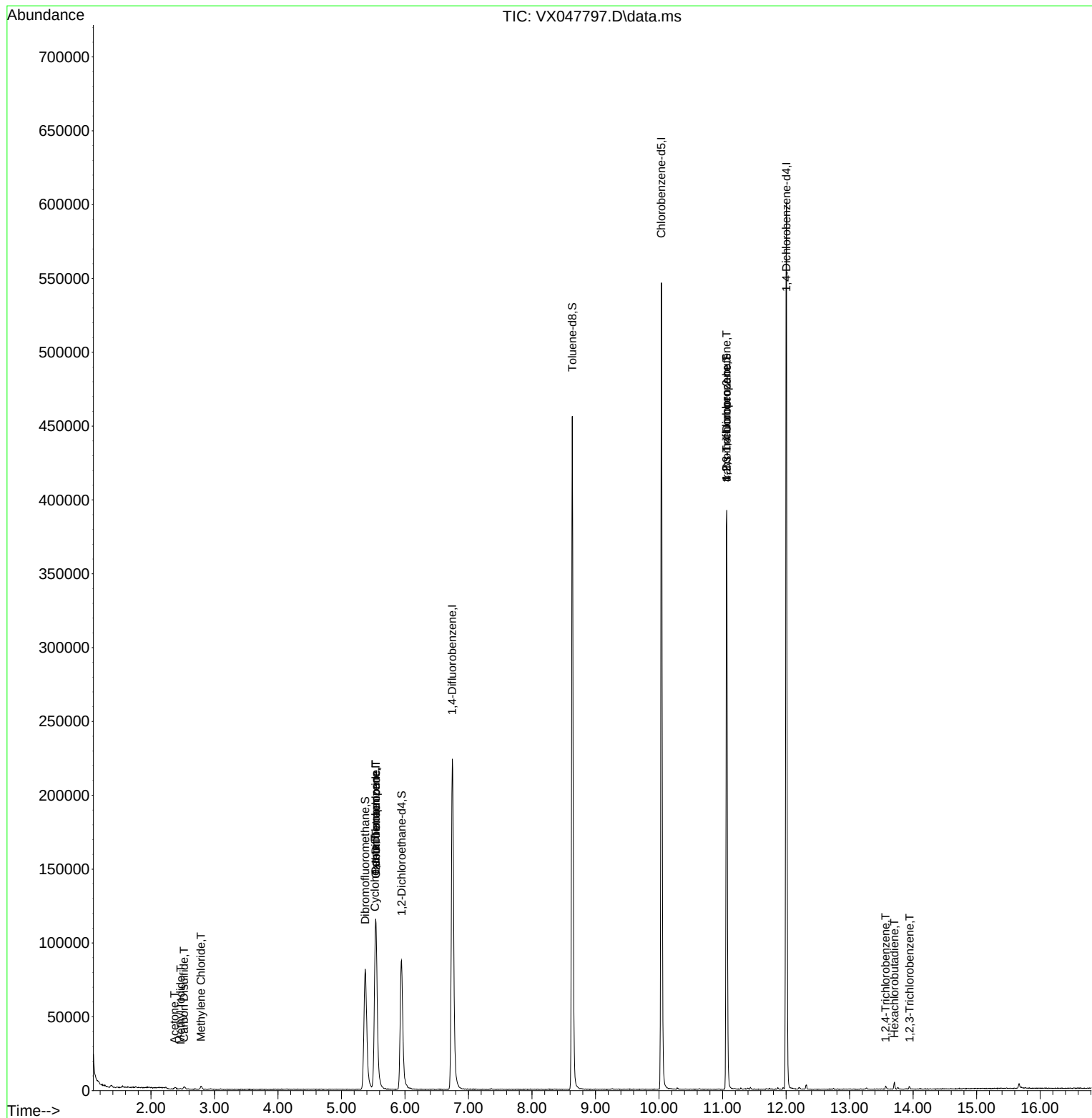
Internal Standards						
1) Pentafluorobenzene	5.538	168	117291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	245721	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	251657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95323	51.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.120%			
35) Dibromofluoromethane	5.373	113	79793	48.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.840%			
50) Toluene-d8	8.635	98	275174	48.258	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.520%			
62) 4-Bromofluorobenzene	11.061	95	115320	53.288	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.580%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	424	0.200	ug/l #	80
16) Acetone	2.367	43	1803	2.221	ug/l #	76
17) Carbon Disulfide	2.520	76	2371	0.622	ug/l #	87
20) Methylene Chloride	2.788	84	1067	0.621	ug/l	87
31) Cyclohexane	5.525	56	601	0.244	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	9979	4.144	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12887	4.926	ug/l #	17
76) 1,2,3-Trichloropropane	11.061	75	60528	23.634	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	60528	60.271	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.567	180	644	0.236	ug/l	97
94) Hexachlorobutadiene	13.707	225	696	0.752	ug/l	87
96) 1,2,3-Trichlorobenzene	13.945	180	548	0.216	ug/l	89

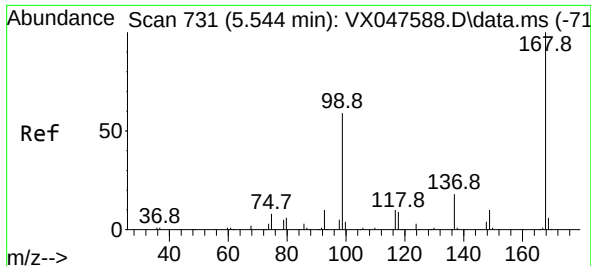
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.538 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX047797.D

Acq: 25 Sep 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

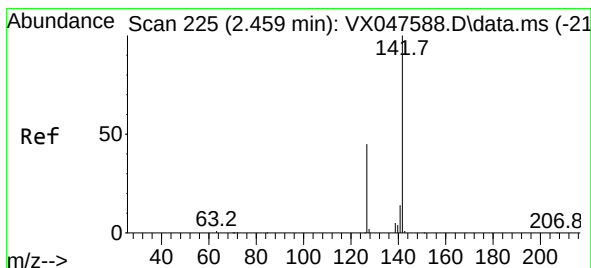
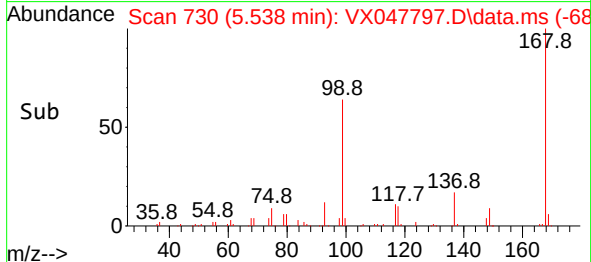
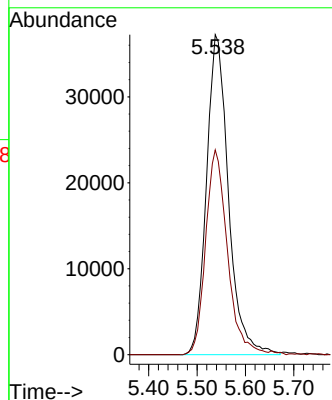
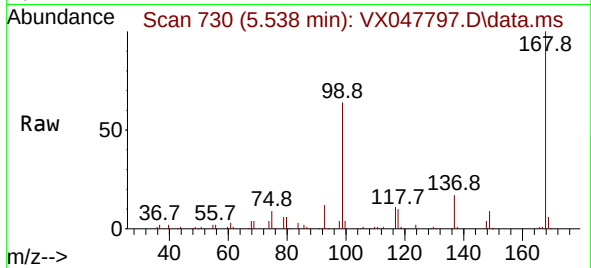
VX0925WBL01

Tgt Ion:168 Resp: 117291

Ion Ratio Lower Upper

168 100

99 64.0 48.8 73.2



#10

Methyl Iodide

Concen: 0.200 ug/l

RT: 2.465 min Scan# 226

Delta R.T. 0.006 min

Lab File: VX047797.D

Acq: 25 Sep 2025 09:46

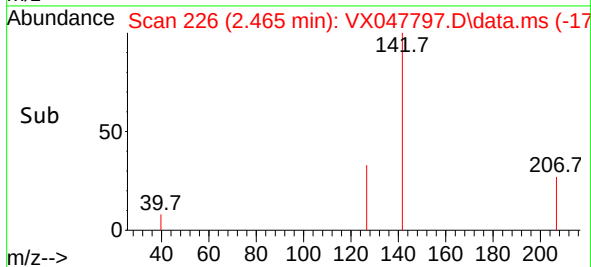
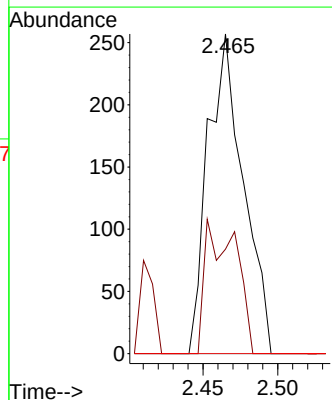
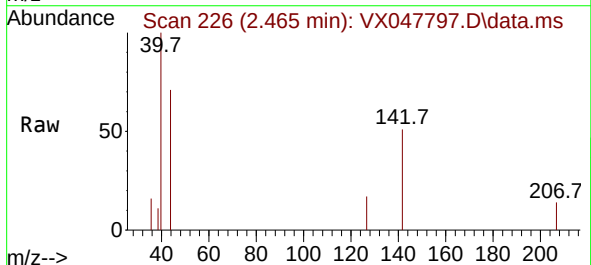
Tgt Ion:142 Resp: 424

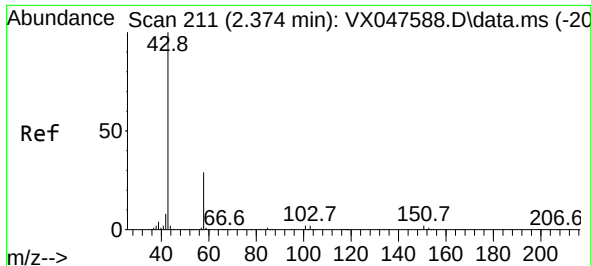
Ion Ratio Lower Upper

142 100

127 36.3 37.2 55.8#

141 0.0 11.4 17.0#

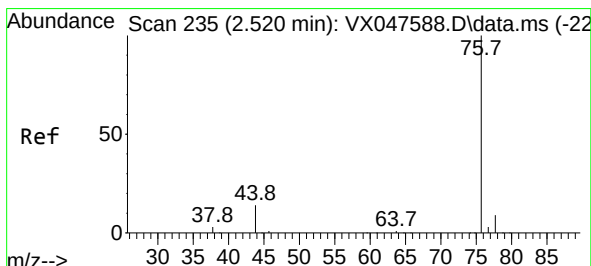
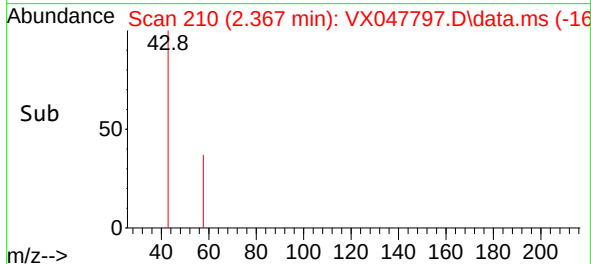
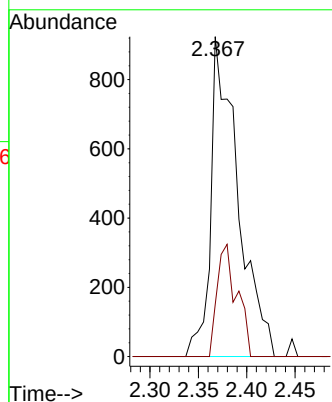
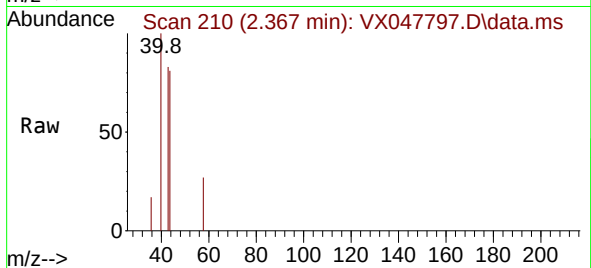




#16
Acetone
Concen: 2.221 ug/l
RT: 2.367 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

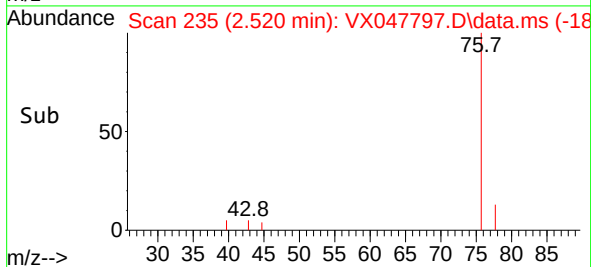
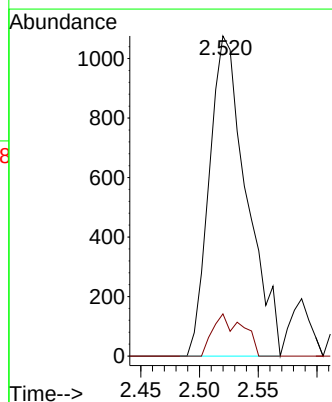
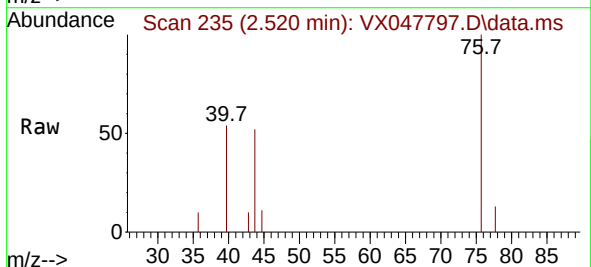
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

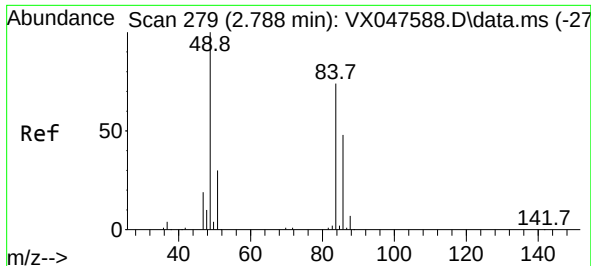
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 16.3 23.4 35.0#



#17
Carbon Disulfide
Concen: 0.622 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion: 76 Resp: 2371
Ion Ratio Lower Upper
76 100
78 13.2 6.8 10.2#

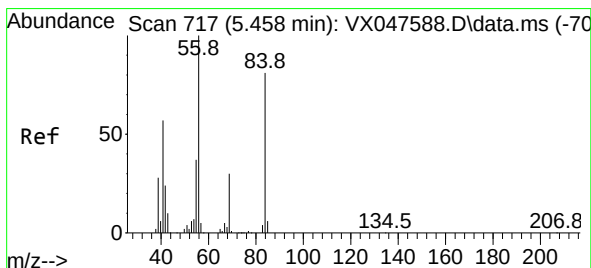
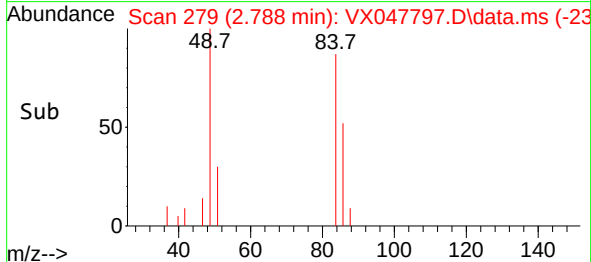
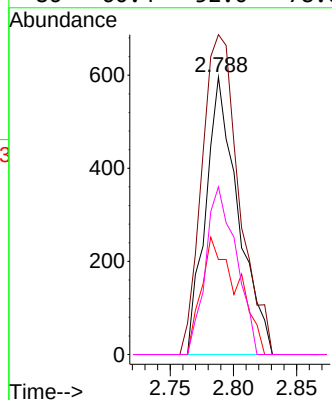
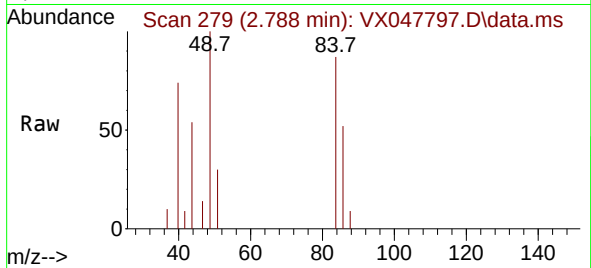




#20
Methylene Chloride
Concen: 0.621 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

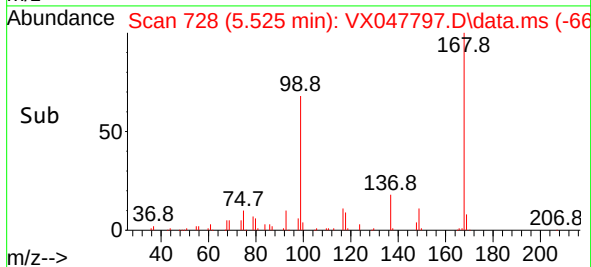
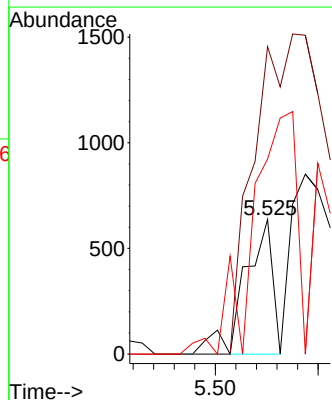
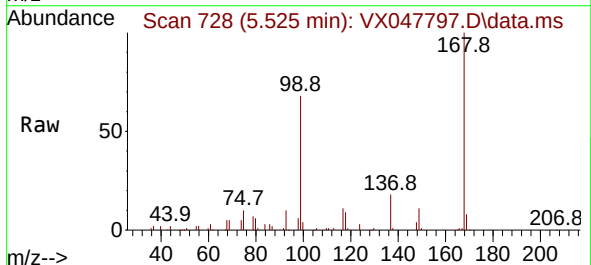
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

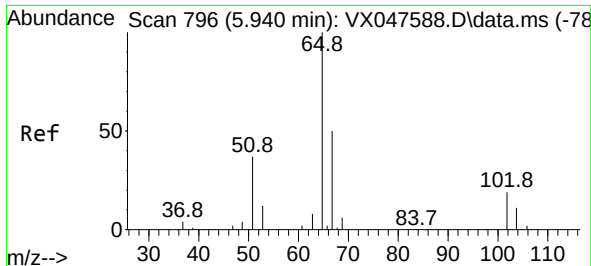
Tgt Ion:	84	Resp:	1067
Ion	Ratio	Lower	Upper
84	100		
49	115.3	108.6	162.8
51	34.2	32.6	48.8
86	60.4	52.0	78.0



#31
Cyclohexane
Concen: 0.244 ug/l
RT: 5.525 min Scan# 728
Delta R.T. 0.067 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion:	56	Resp:	601
Ion	Ratio	Lower	Upper
56	100		
69	228.4	23.8	35.8#
84	144.9	64.6	97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.057 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047797.D

Acq: 25 Sep 2025 09:46

Instrument :

MSVOA_X

ClientSampleId :

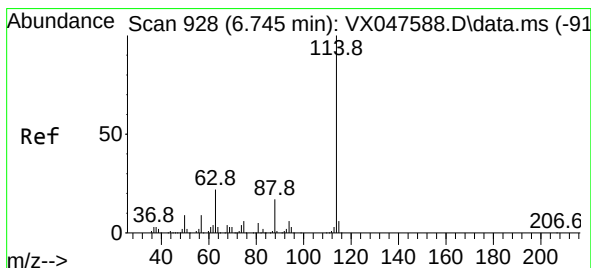
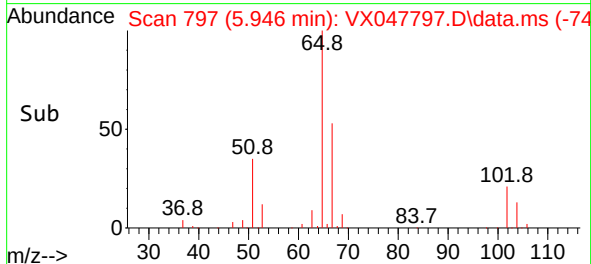
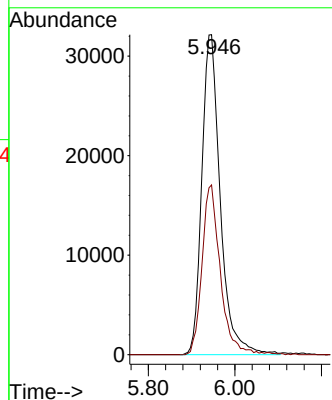
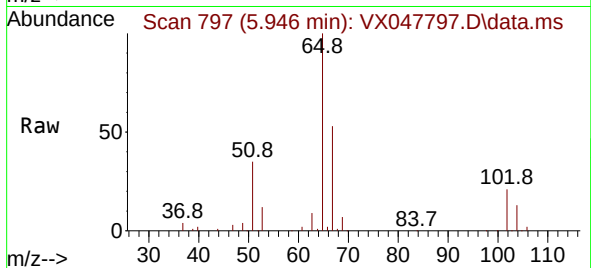
VX0925WBL01

Tgt Ion: 65 Resp: 95323

Ion Ratio Lower Upper

65 100

67 52.3 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: VX047797.D

Acq: 25 Sep 2025 09:46

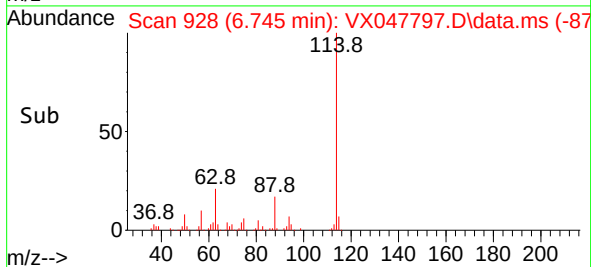
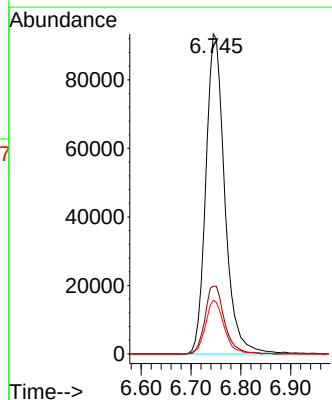
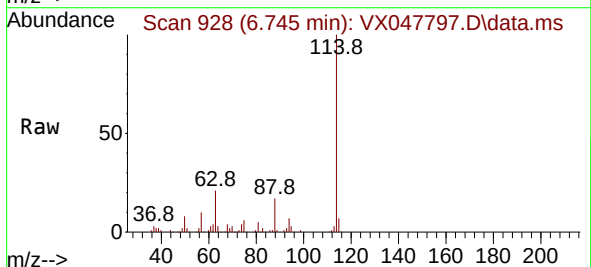
Tgt Ion: 114 Resp: 245721

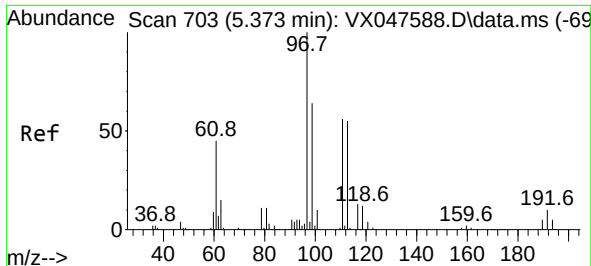
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.0

88 16.8 0.0 34.2

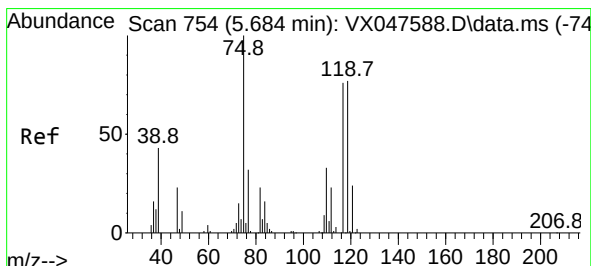
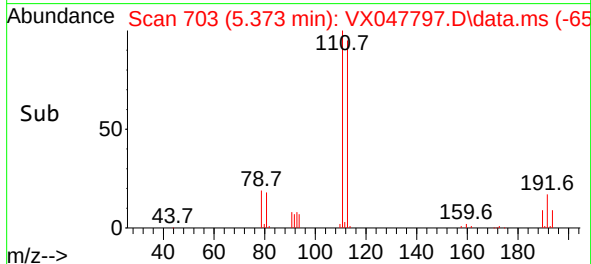
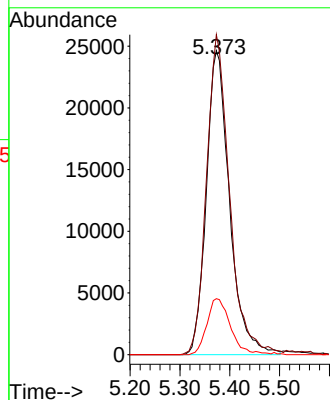
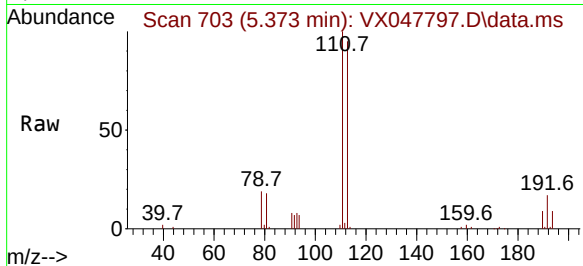




#35
Dibromofluoromethane
Concen: 48.420 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

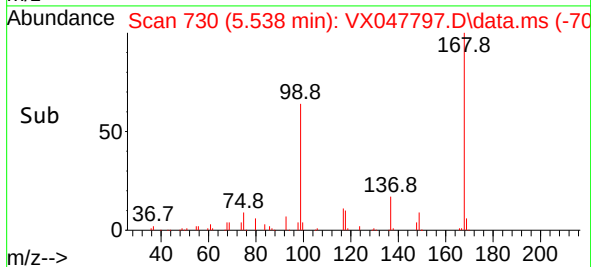
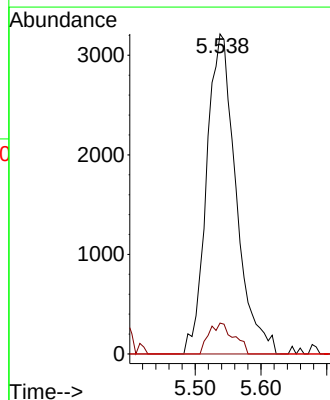
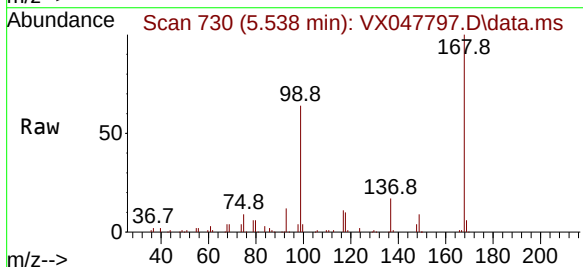
Instrument :
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ClientSampleId :
VX0925WBL01

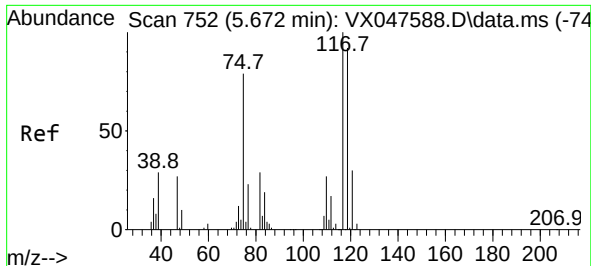
Tgt Ion:113 Resp: 79793
Ion Ratio Lower Upper
113 100
111 104.5 80.9 121.3
192 18.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.144 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

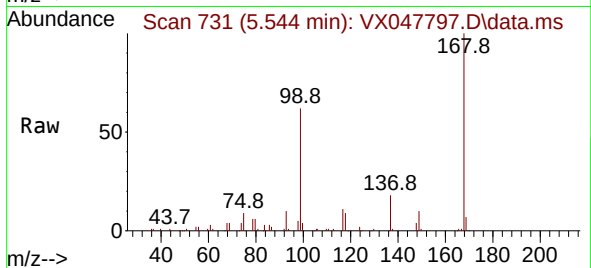
Tgt Ion: 75 Resp: 9979
Ion Ratio Lower Upper
75 100
110 8.2 16.7 50.1#
77 0.0 24.3 36.5#



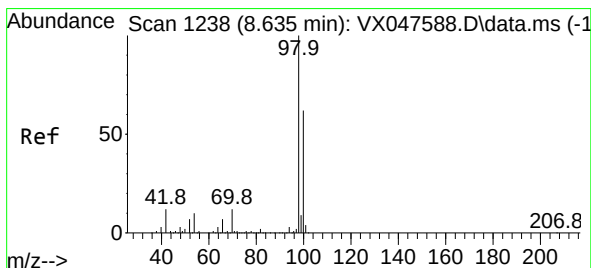
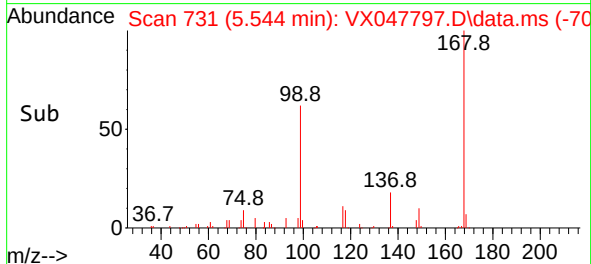
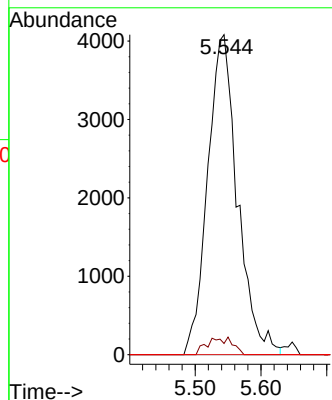


#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

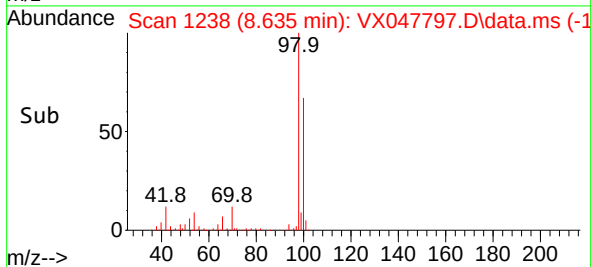
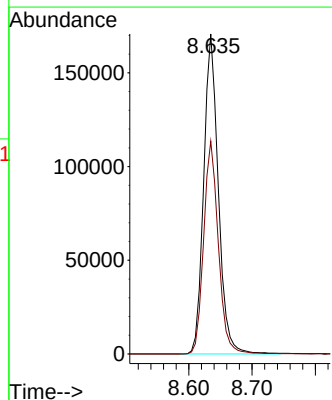
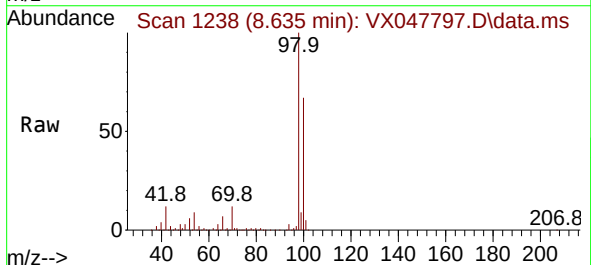


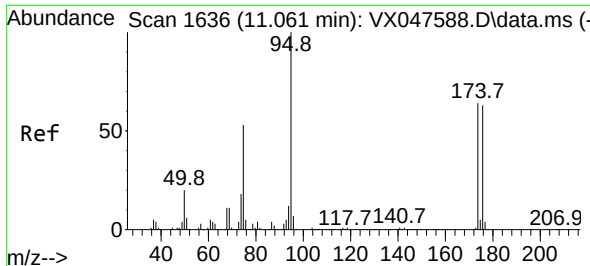
Tgt Ion:117 Resp: 12887
Ion Ratio Lower Upper
117 100
119 3.5 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.258 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion: 98 Resp: 275174
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4

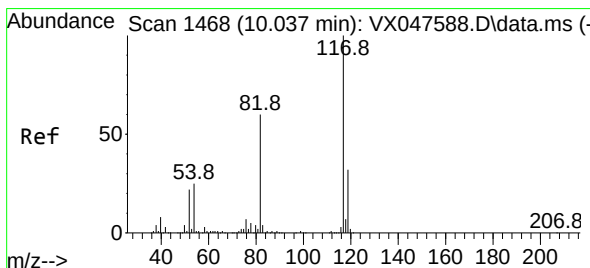
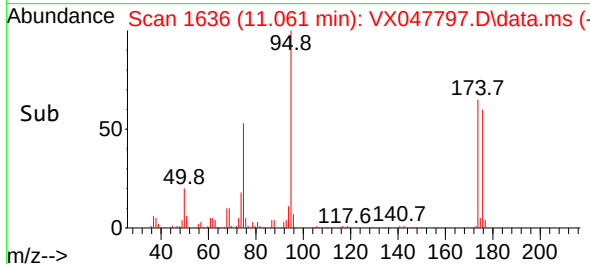
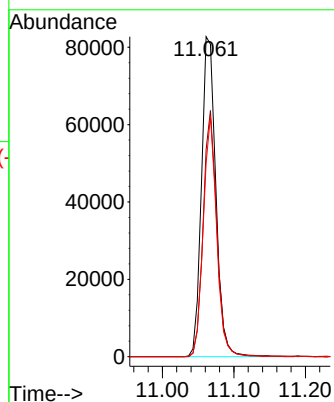
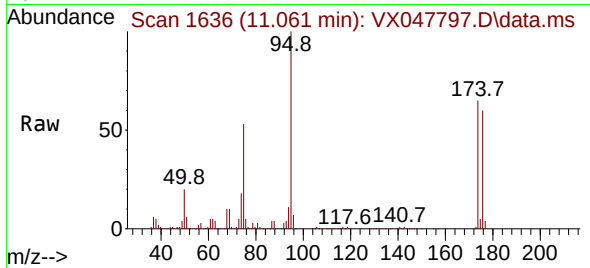




#62
4-Bromofluorobenzene
Concen: 53.288 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

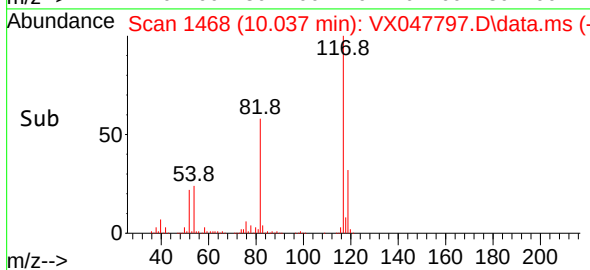
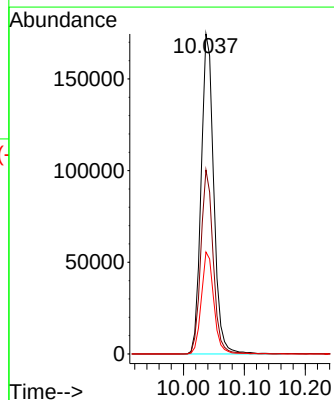
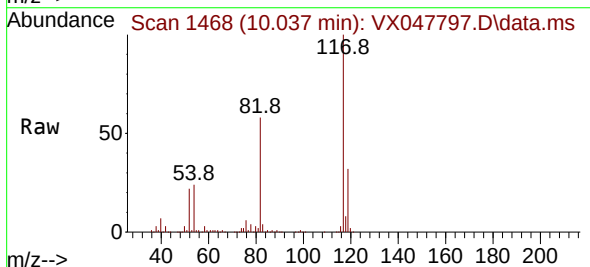
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

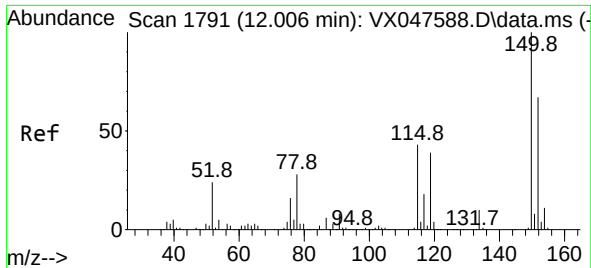
Tgt Ion: 95 Resp: 115320
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 70.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion: 117 Resp: 251657
Ion Ratio Lower Upper
117 100
82 57.5 47.8 71.6
119 31.9 25.2 37.8

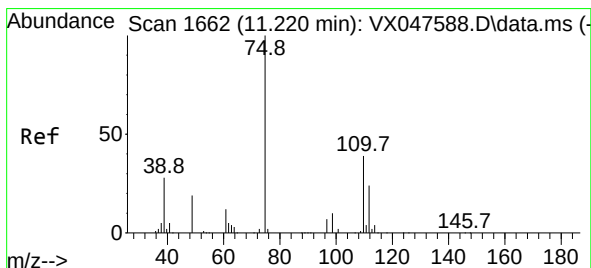
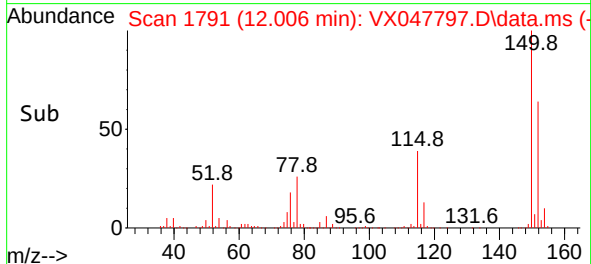
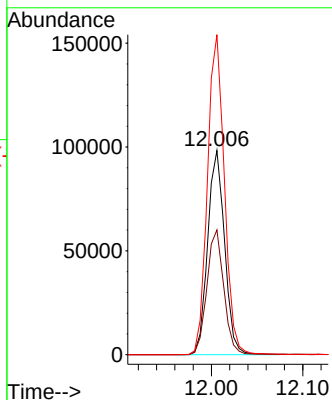
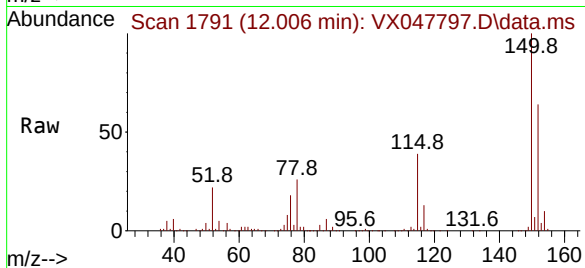




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047797.D
 Acq: 25 Sep 2025 09:46

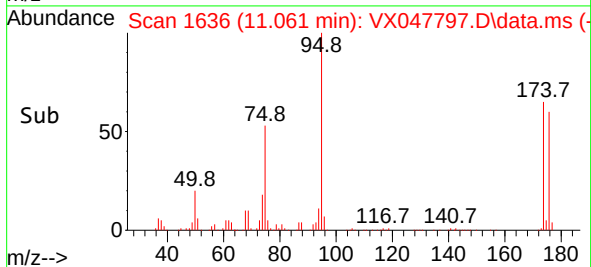
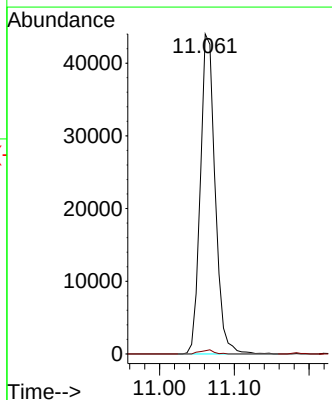
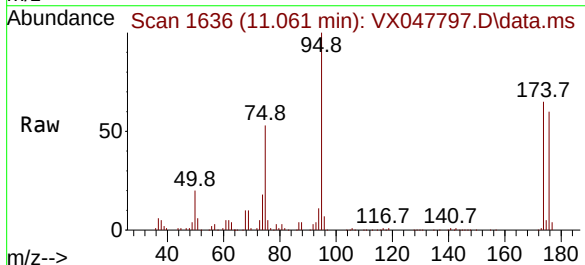
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBL01

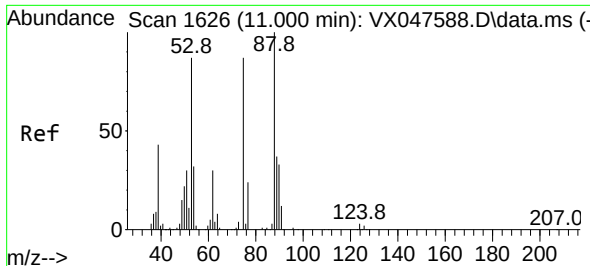
Tgt Ion:152 Resp: 126490
 Ion Ratio Lower Upper
 152 100
 115 61.2 44.9 134.5
 150 156.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.634 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047797.D
 Acq: 25 Sep 2025 09:46

Tgt Ion: 75 Resp: 60528
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.8 56.4#

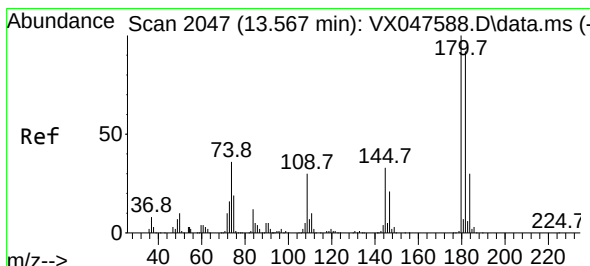
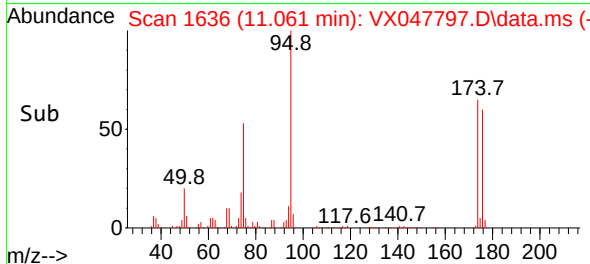
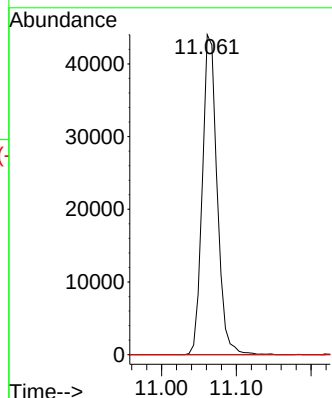
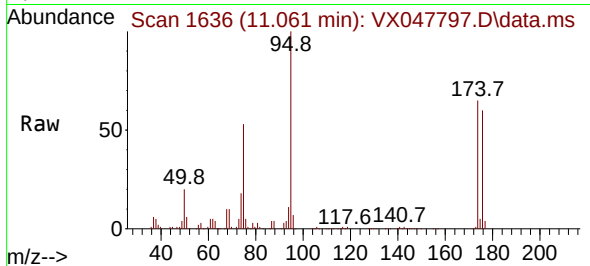




#81
trans-1,4-Dichloro-2-butene
Concen: 60.271 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

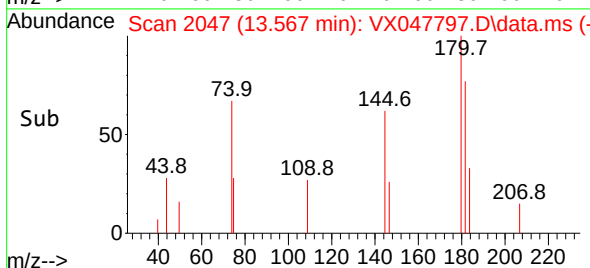
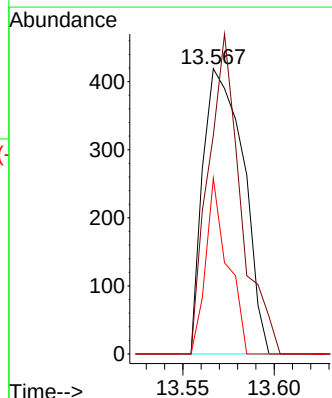
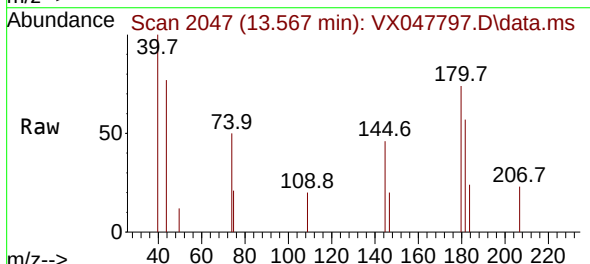
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

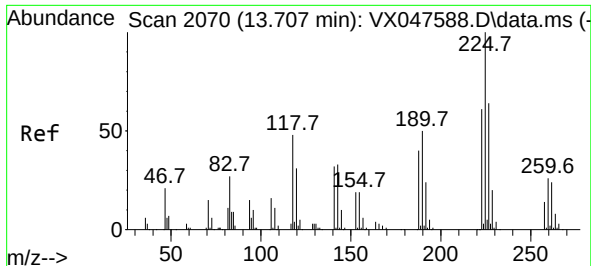
Tgt Ion: 75 Resp: 60528
Ion Ratio Lower Upper
75 100
53 0.0 83.4 125.2#
89 0.0 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion:180 Resp: 644
Ion Ratio Lower Upper
180 100
182 89.8 46.6 139.8
145 33.4 16.4 49.1

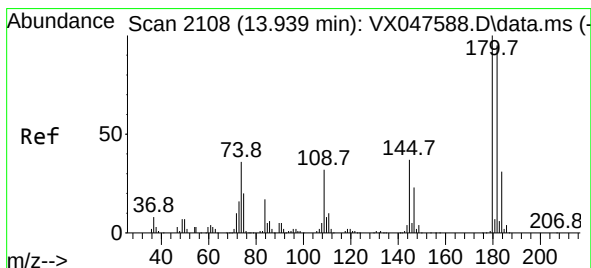
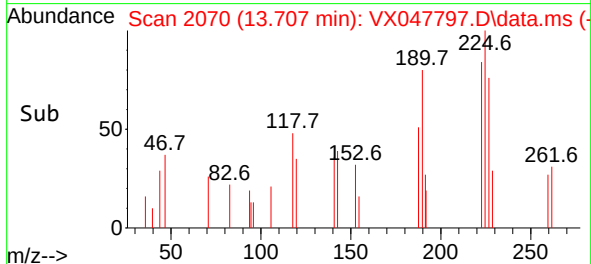
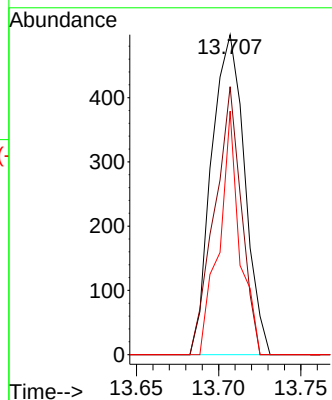
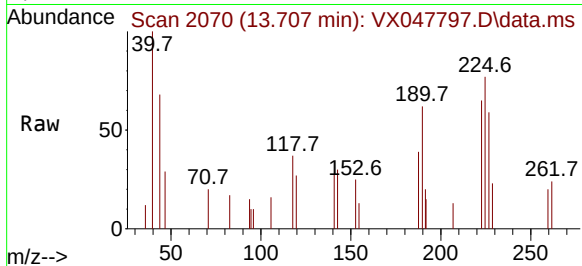




#94
Hexachlorobutadiene
Concen: 0.752 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL01

Tgt Ion:	225	Resp:	696
Ion Ratio	Lower	Upper	
225	100		
223	67.8	31.7	95.1
227	47.6	32.0	96.0



#96
1,2,3-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047797.D
Acq: 25 Sep 2025 09:46

Tgt Ion:	180	Resp:	548
Ion Ratio	Lower	Upper	
180	100		
182	81.6	47.6	142.8
145	38.5	17.9	53.7

