

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102225\
 Data File : VX048282.D
 Acq On : 22 Oct 2025 09:26
 Operator : JC/MD
 Sample : VX1022WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBL01

Quant Time: Oct 24 05:50:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

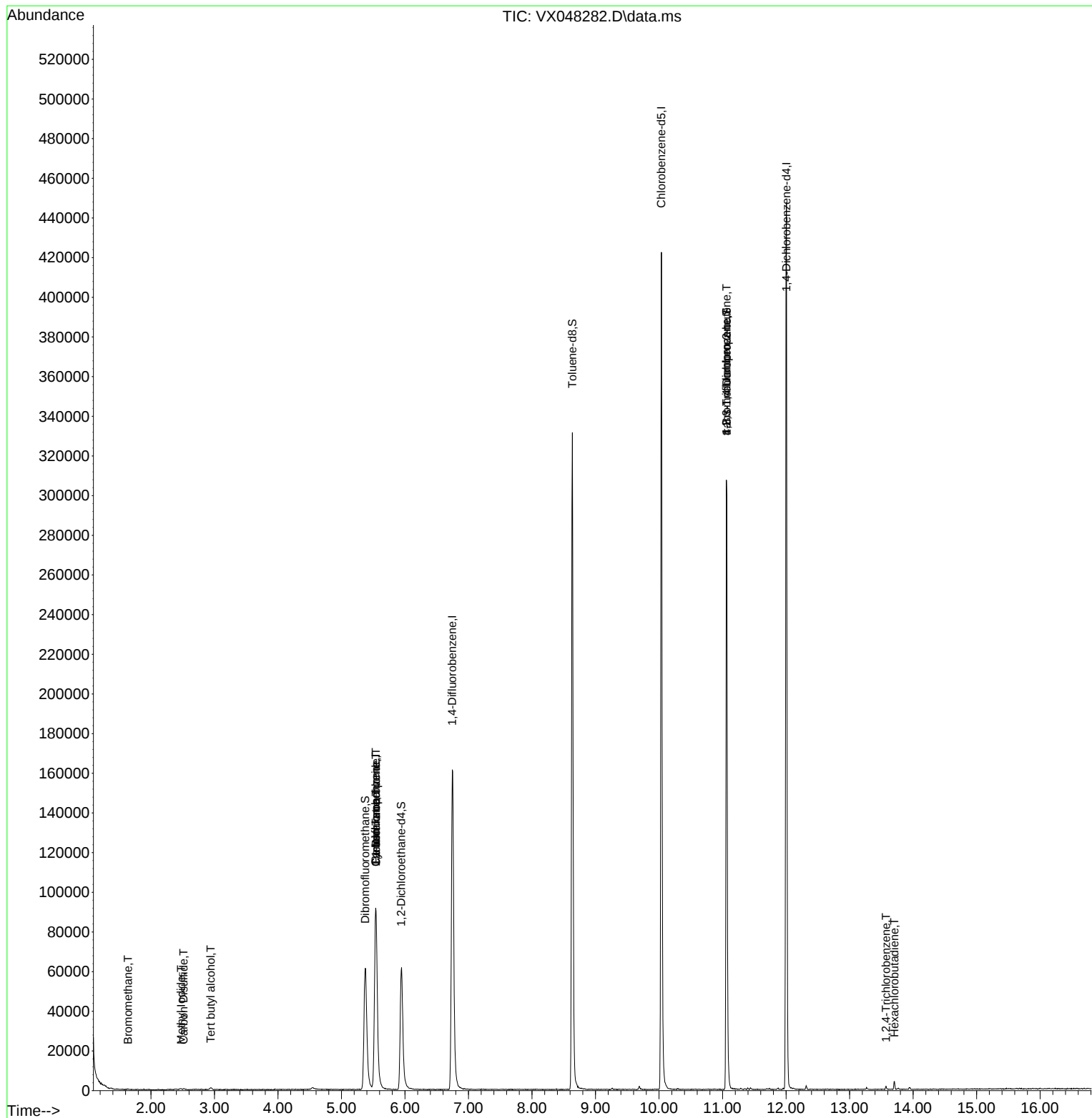
Internal Standards						
1) Pentafluorobenzene	5.538	168	97887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	185129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	199062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	69611	50.720	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.373	113	62055	49.099	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.200%			
50) Toluene-d8	8.635	98	211132	47.660	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.320%			
62) 4-Bromofluorobenzene	11.061	95	91904	54.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.060%			
Target Compounds			Qvalue			
5) Bromomethane	1.636	94	132	0.224	ug/l	83
10) Methyl Iodide	2.477	142	613	0.462	ug/l #	91
11) Tert butyl alcohol	2.940	59	534	3.919	ug/l #	72
17) Carbon Disulfide	2.514	76	684	0.211	ug/l #	75
31) Cyclohexane	5.544	56	1801	1.057	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	7597	4.229	ug/l #	49
38) Carbon Tetrachloride	5.544	117	10368	4.678	ug/l #	15
76) 1,2,3-Trichloropropane	11.061	75	46857	28.940	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.061	75	46857	70.408	ug/l #	10
93) 1,2,4-Trichlorobenzene	13.573	180	526	0.240	ug/l	95
94) Hexachlorobutadiene	13.707	225	743	0.971	ug/l	87

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

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Sample : VX1022WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

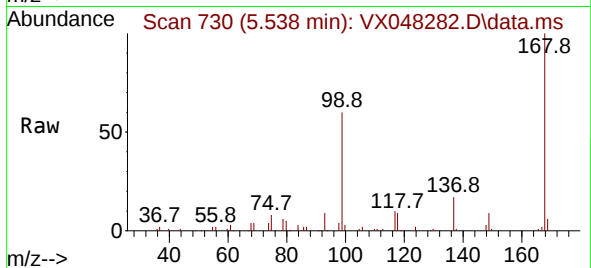
Quant Time: Oct 24 05:50:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



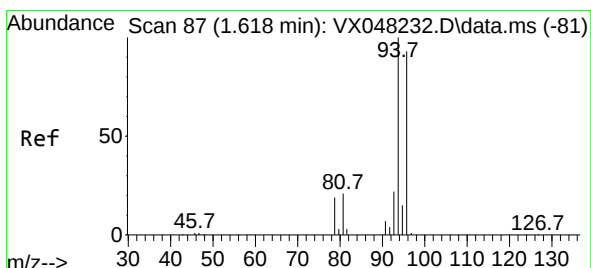
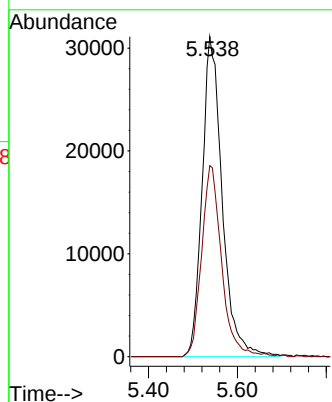
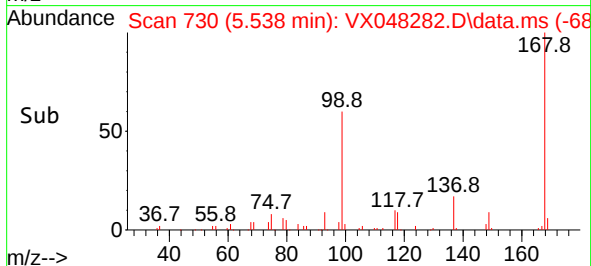


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

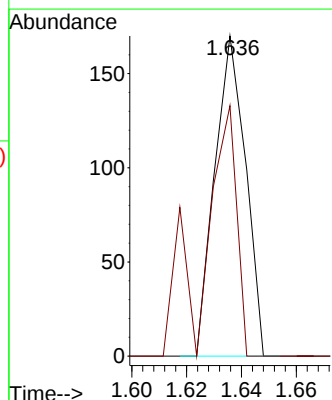
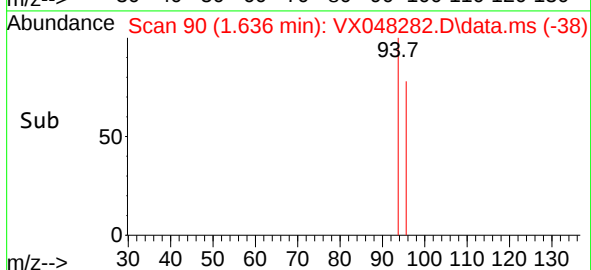
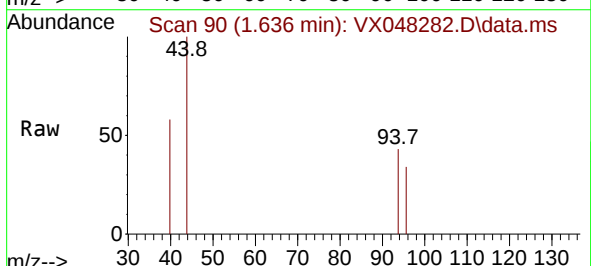


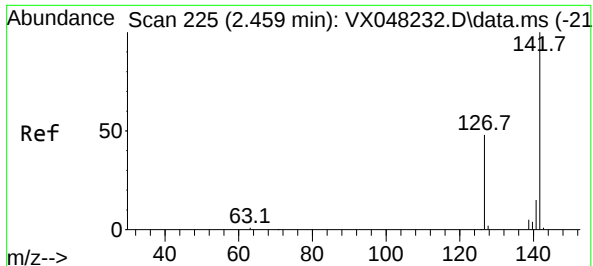
Tgt Ion:168 Resp: 97887
Ion Ratio Lower Upper
168 100
99 59.7 46.4 69.6



#5
Bromomethane
Concen: 0.224 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 94 Resp: 132
Ion Ratio Lower Upper
94 100
96 78.2 76.0 114.0

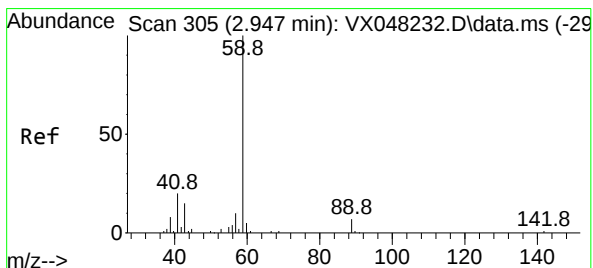
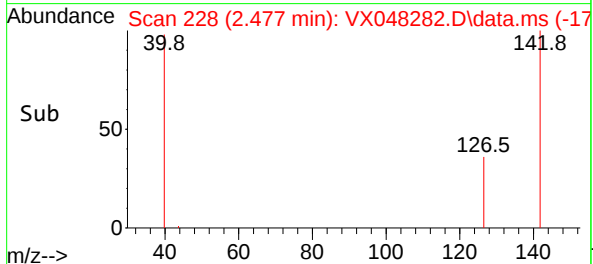
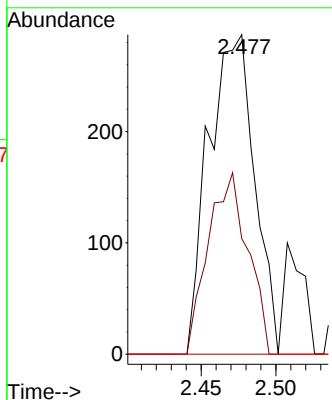
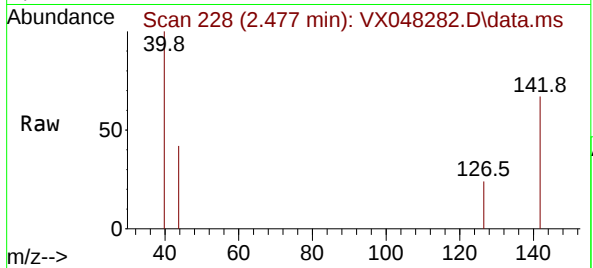




#10
Methyl Iodide
Concen: 0.462 ug/l
RT: 2.477 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

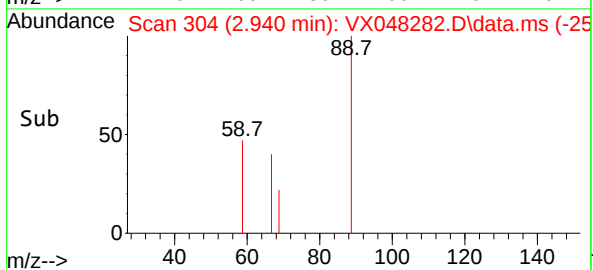
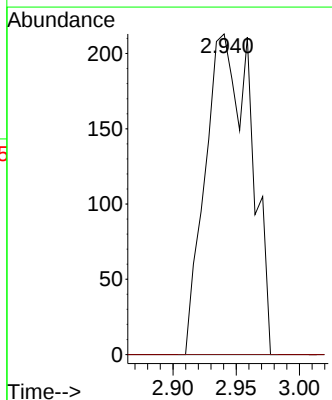
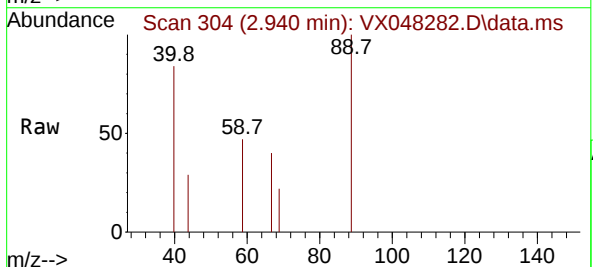
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

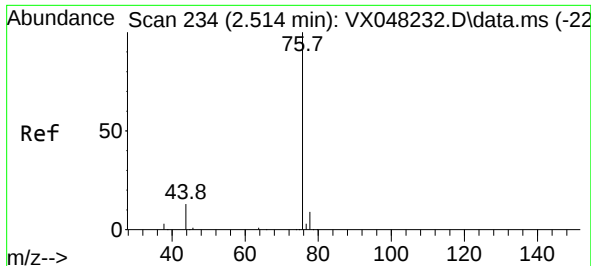
Tgt Ion:142 Resp: 613
Ion Ratio Lower Upper
142 100
127 48.9 38.5 57.7
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 3.919 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 59 Resp: 534
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#17

Carbon Disulfide

Concen: 0.211 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

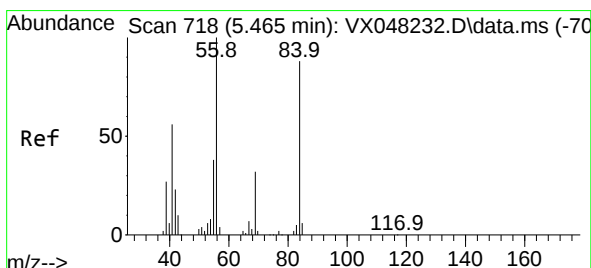
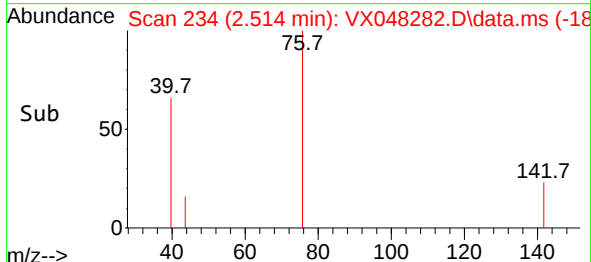
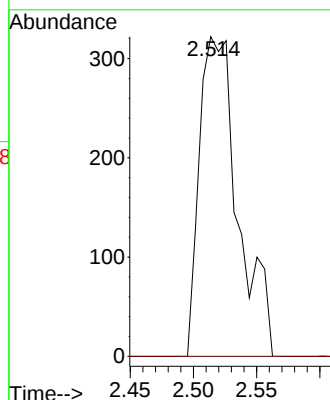
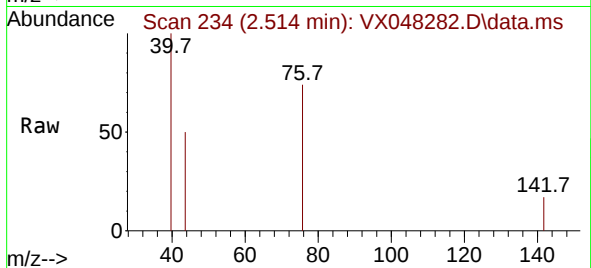
VX1022WBL01

Tgt Ion: 76 Resp: 684

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#31

Cyclohexane

Concen: 1.057 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.085 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

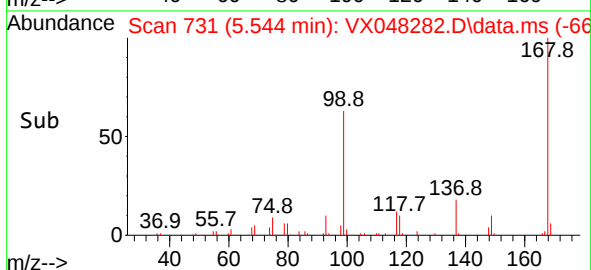
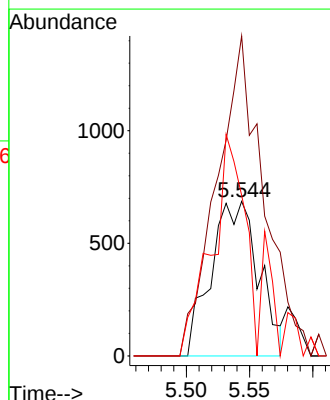
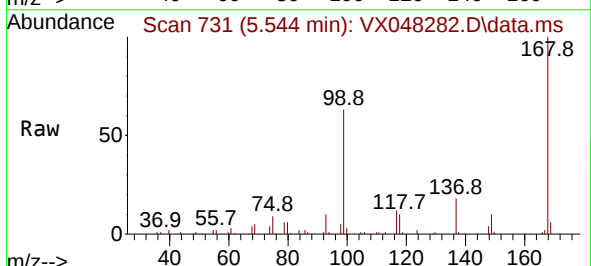
Tgt Ion: 56 Resp: 1801

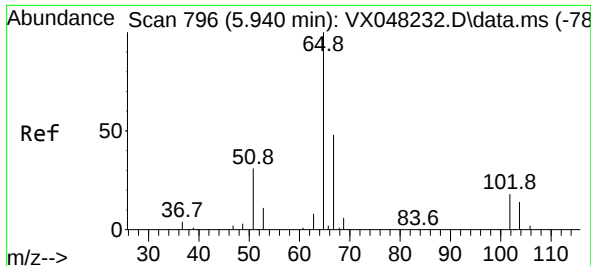
Ion Ratio Lower Upper

56 100

69 207.1 23.0 34.6#

84 103.9 64.6 97.0#

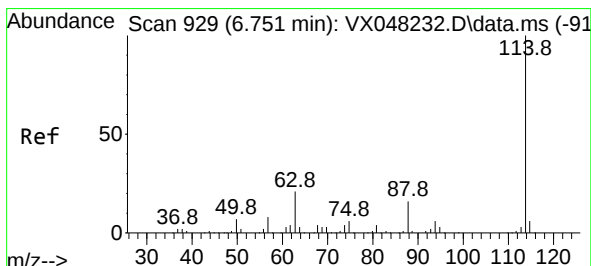
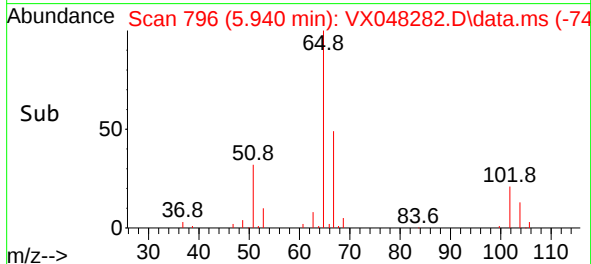
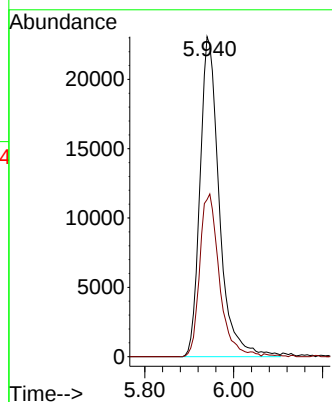
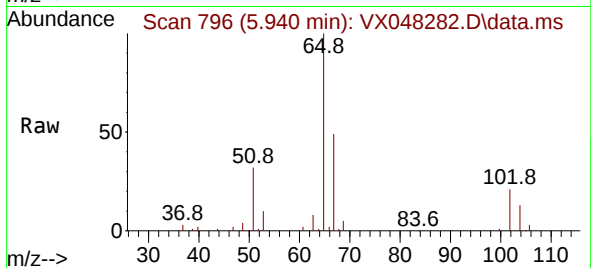




#33
 1,2-Dichloroethane-d4
 Concen: 50.720 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX048282.D
 Acq: 22 Oct 2025 09:26

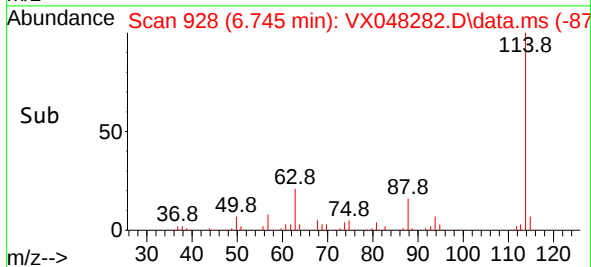
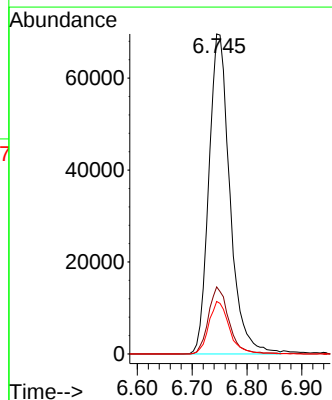
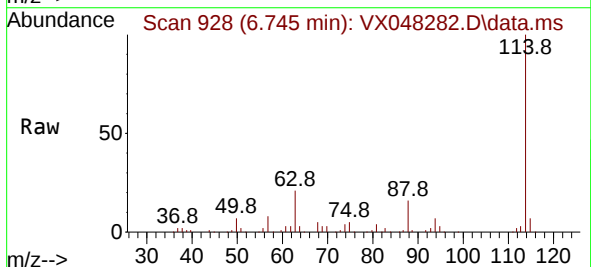
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBL01

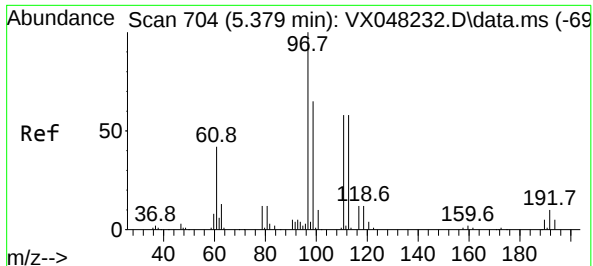
Tgt Ion: 65 Resp: 69611
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX048282.D
 Acq: 22 Oct 2025 09:26

Tgt Ion: 114 Resp: 185129
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 16.4 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.099 ug/l

RT: 5.373 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBL01

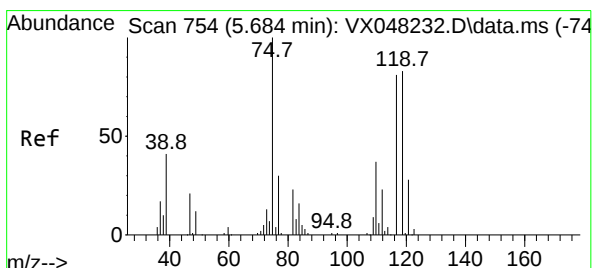
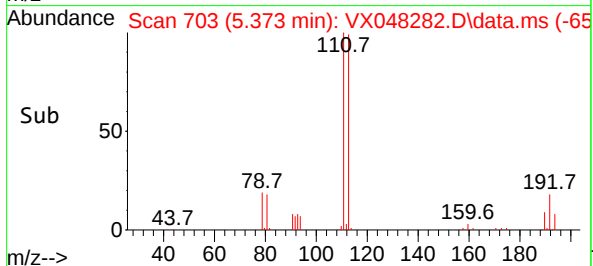
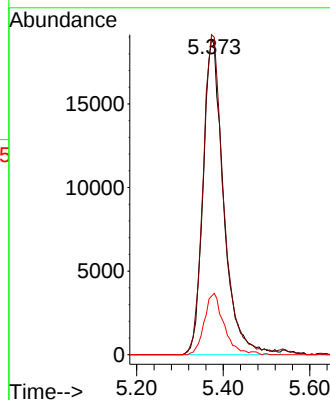
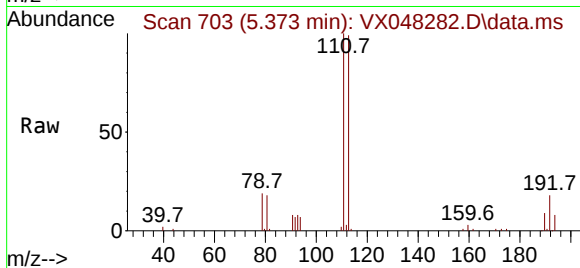
Tgt Ion:113 Resp: 62055

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 18.4 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.229 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX048282.D

Acq: 22 Oct 2025 09:26

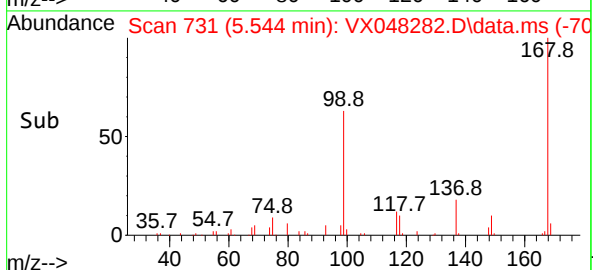
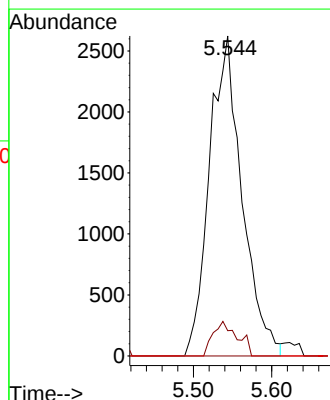
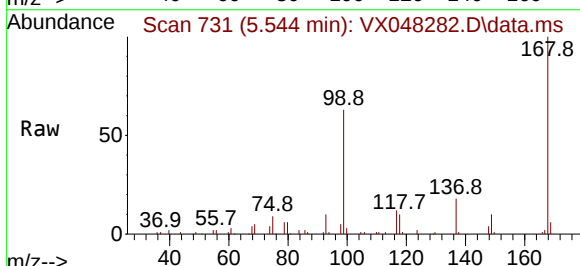
Tgt Ion: 75 Resp: 7597

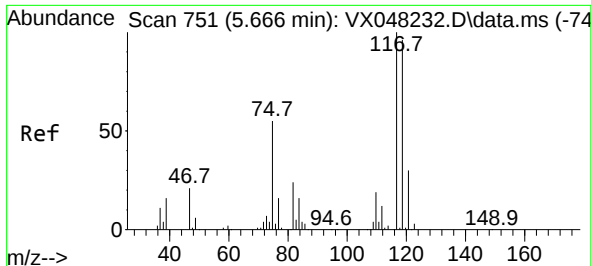
Ion Ratio Lower Upper

75 100

110 8.0 17.7 53.1#

77 0.0 24.3 36.5#

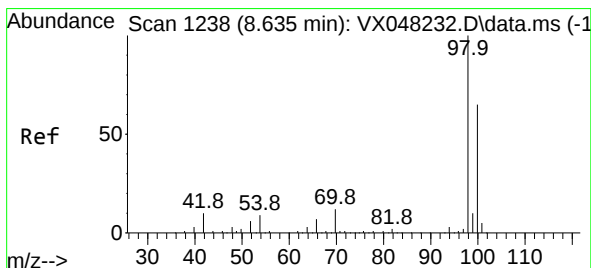
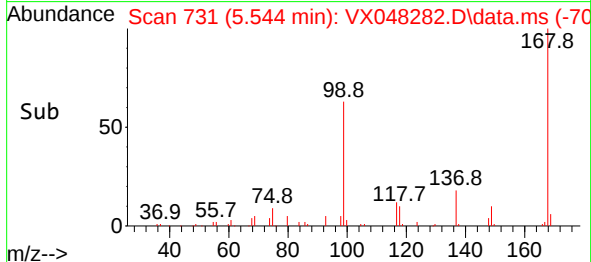
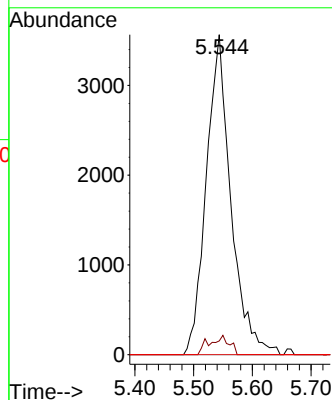
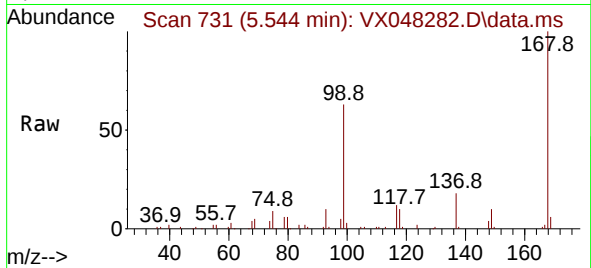




#38
Carbon Tetrachloride
Concen: 4.678 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

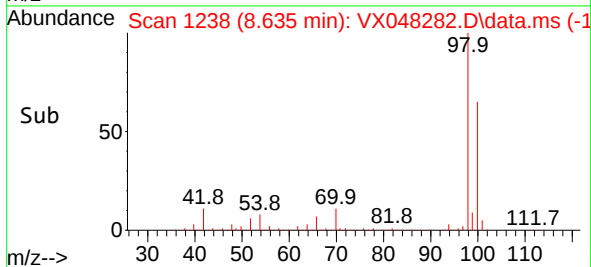
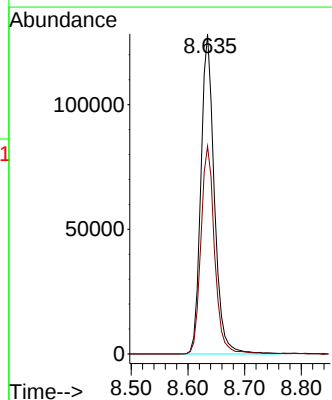
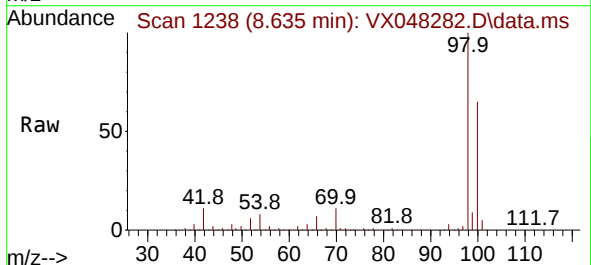
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

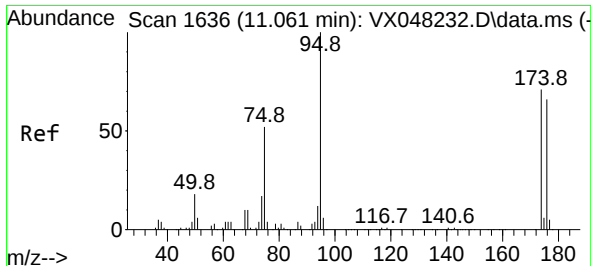
Tgt Ion:117 Resp: 10368
Ion Ratio Lower Upper
117 100
119 4.3 77.2 115.8#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.660 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 98 Resp: 211132
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

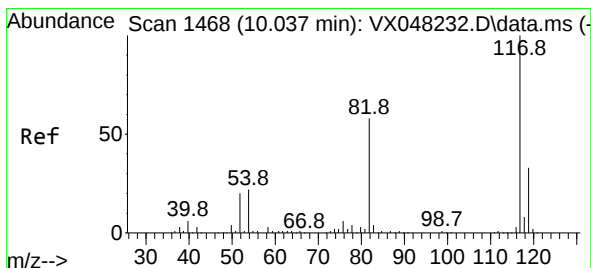
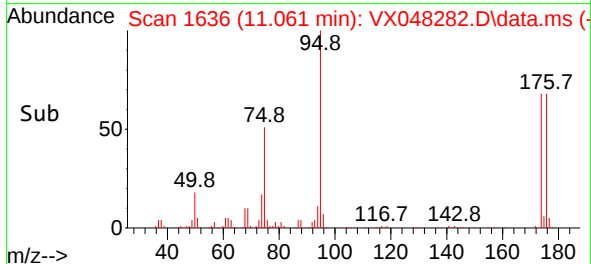
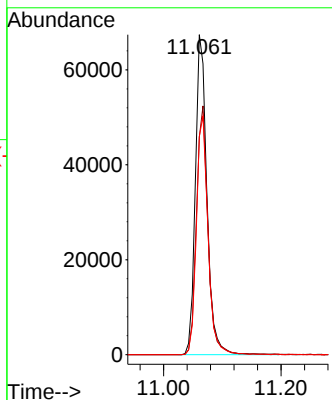
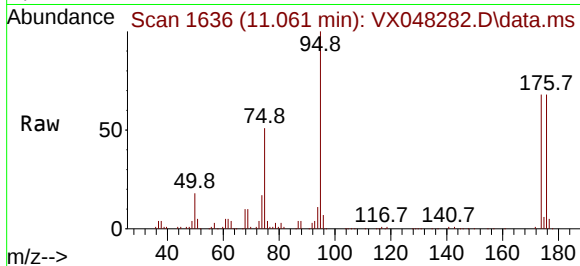




#62
4-Bromofluorobenzene
Concen: 54.533 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

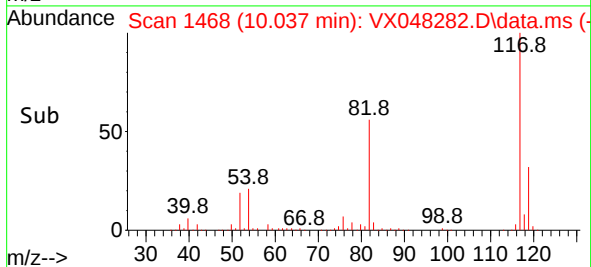
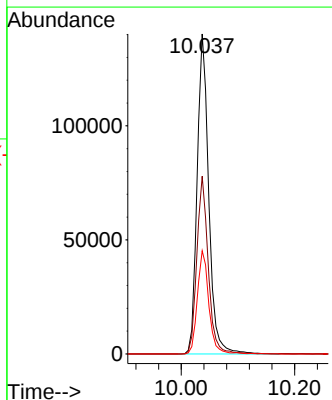
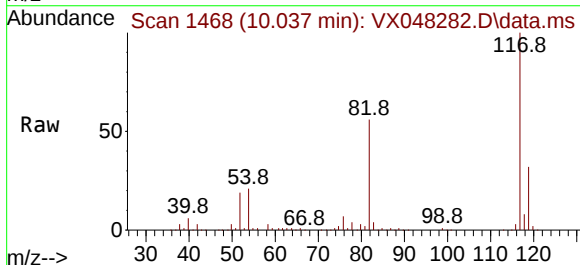
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

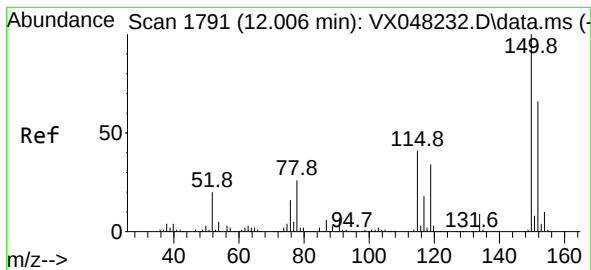
Tgt Ion: 95 Resp: 91904
Ion Ratio Lower Upper
95 100
174 77.8 0.0 147.8
176 75.2 0.0 142.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 117 Resp: 199062
Ion Ratio Lower Upper
117 100
82 55.6 46.5 69.7
119 32.2 25.9 38.9

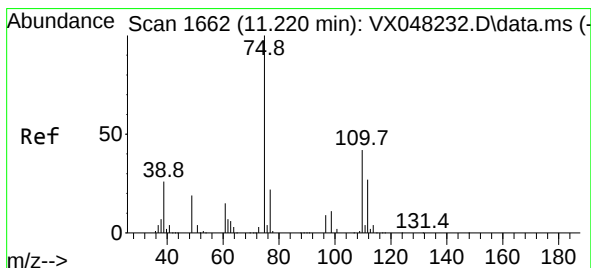
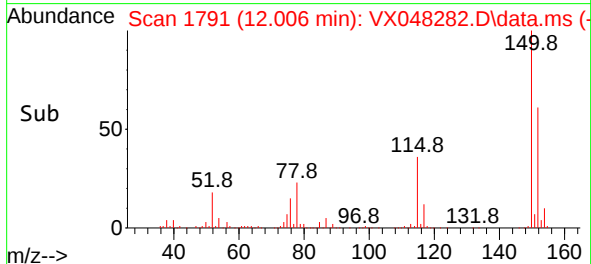
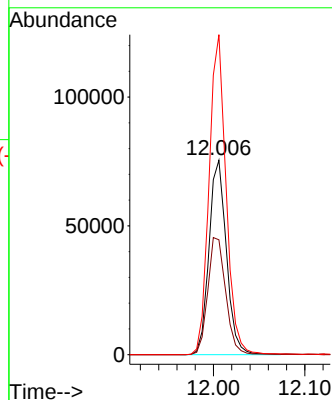
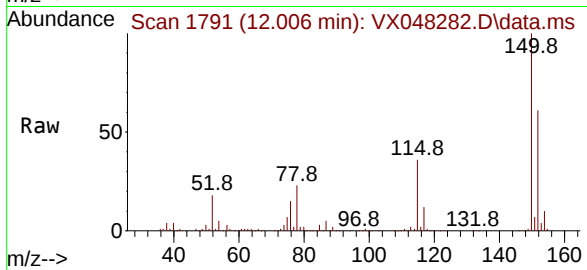




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

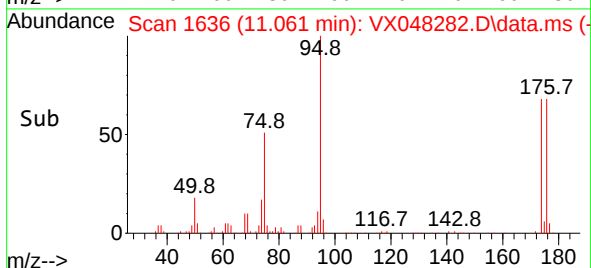
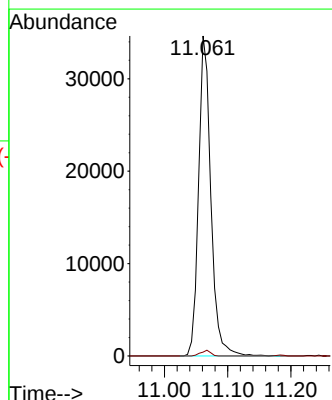
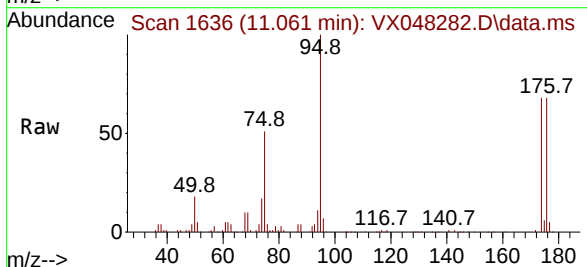
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

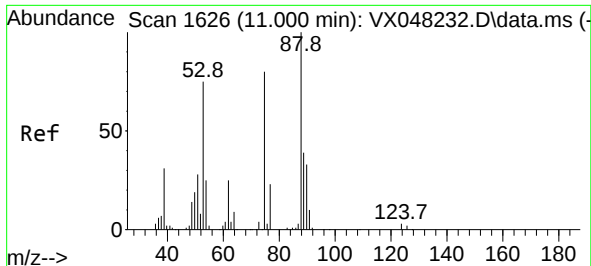
Tgt Ion:152 Resp: 99844
Ion Ratio Lower Upper
152 100
115 62.1 43.1 129.4
150 160.7 0.0 353.0



#76
1,2,3-Trichloropropane
Concen: 28.940 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion: 75 Resp: 46857
Ion Ratio Lower Upper
75 100
77 1.4 22.4 67.2#

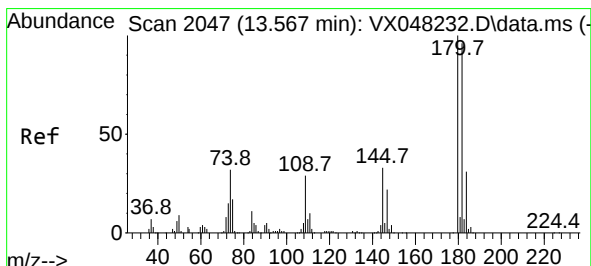
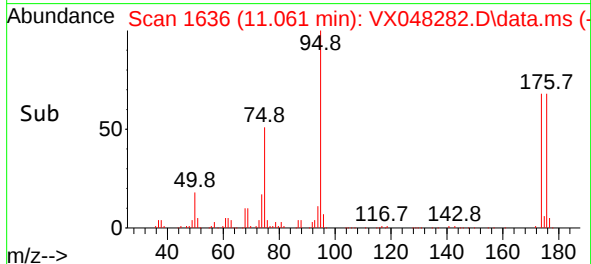
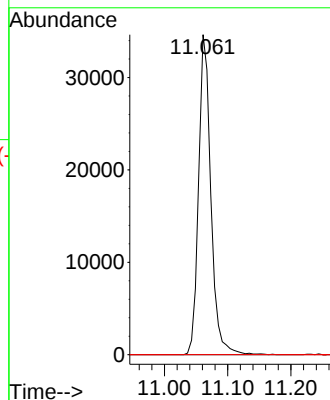
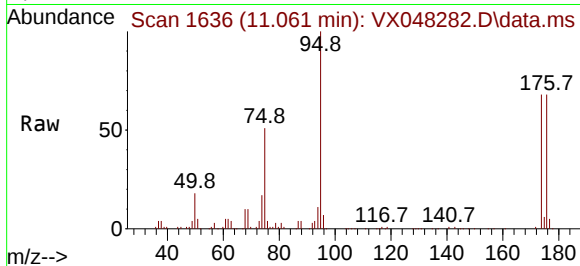




#81
trans-1,4-Dichloro-2-butene
Concen: 70.408 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

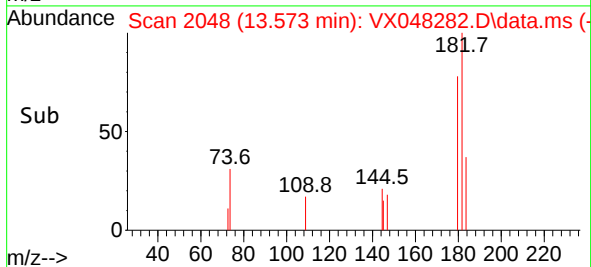
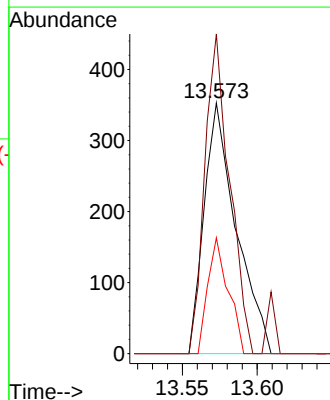
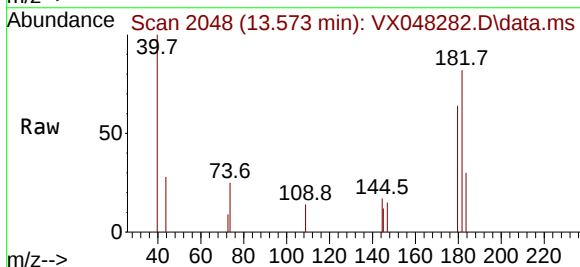
Instrument :
MSVOA_X
ClientSampleId :
VX1022WBL01

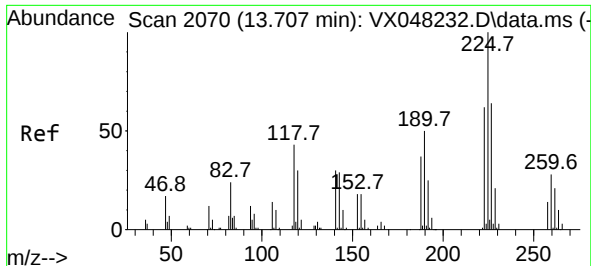
Tgt Ion: 75 Resp: 46857
Ion Ratio Lower Upper
75 100
53 0.0 79.5 119.3#
89 0.0 36.8 55.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.240 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX048282.D
Acq: 22 Oct 2025 09:26

Tgt Ion:180 Resp: 526
Ion Ratio Lower Upper
180 100
182 98.7 47.3 142.0
145 29.3 16.3 48.9





#94

Hexachlorobutadiene

Concen: 0.971 ug/l

RT: 13.707 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VX048282.D

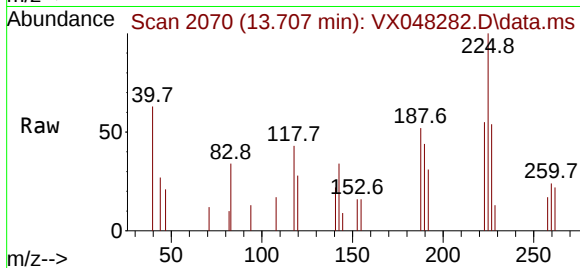
Acq: 22 Oct 2025 09:26

Instrument :

MSVOA_X

ClientSampleId :

VX1022WBL01



Tgt Ion:225 Resp: 743

Ion Ratio Lower Upper

225 100

223 48.3 32.6 97.7

227 60.7 32.5 97.4

