

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047888.D
 Acq On : 29 Sep 2025 16:44
 Operator : JC/MD
 Sample : Q3213-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-380-382

Quant Time: Sep 30 01:23:49 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	133701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	285495	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	296119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	153022	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	121464	57.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.140%
35) Dibromofluoromethane	5.379	113	96700	50.504	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.000%
50) Toluene-d8	8.635	98	321663	48.551	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.061	95	141912	56.440	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.880%

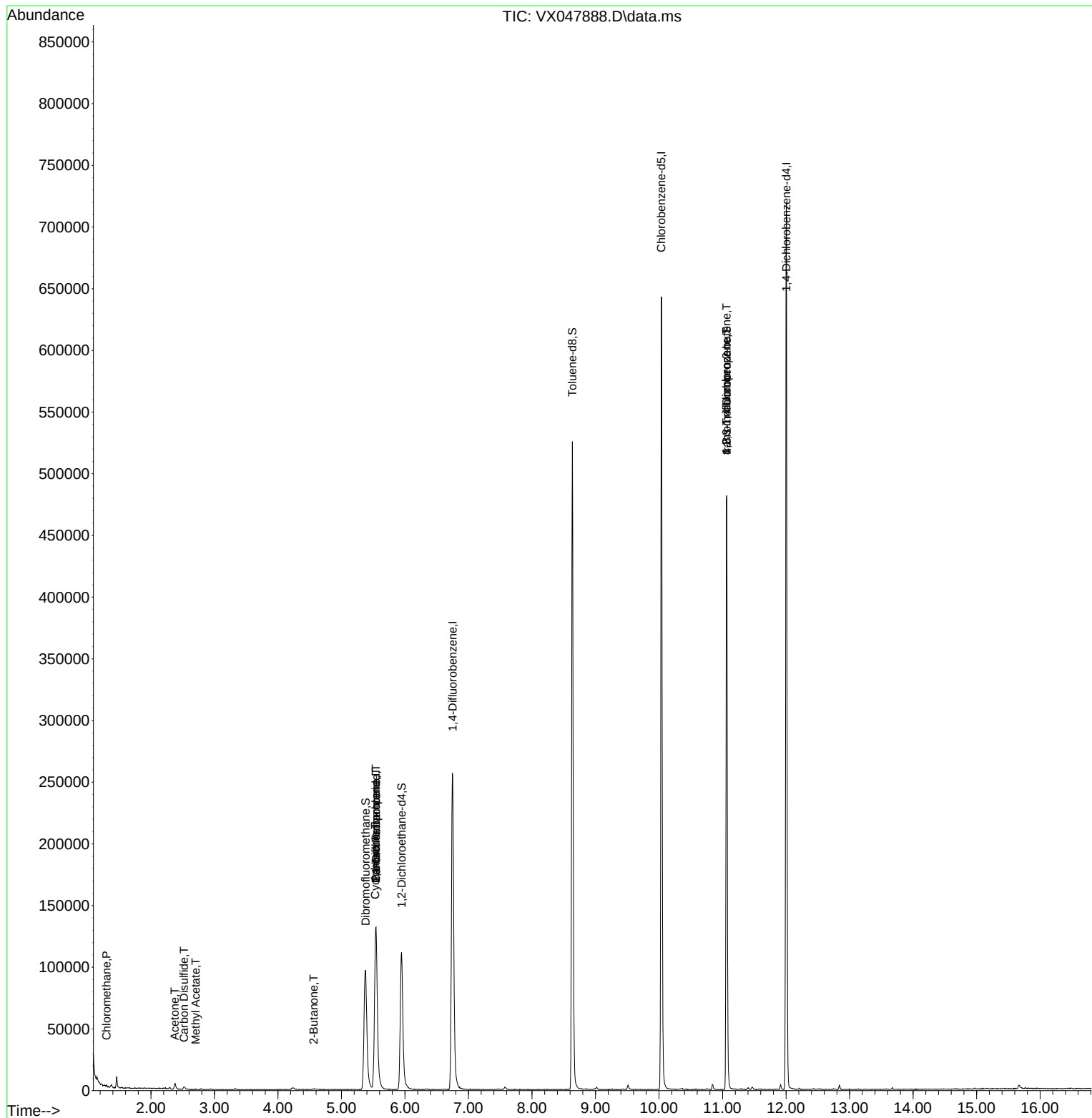
Target Compounds					Qvalue	
3) Chloromethane	1.301	50	1081	0.594	ug/l	96
16) Acetone	2.374	43	5941	6.420	ug/l	99
17) Carbon Disulfide	2.520	76	1044	0.240	ug/l #	82
18) Methyl Acetate	2.703	43	534	0.259	ug/l #	54
25) 2-Butanone	4.562	43	1193	1.034	ug/l #	73
31) Cyclohexane	5.532	56	2864	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11312	4.043	ug/l #	52
38) Carbon Tetrachloride	5.544	117	14437	4.749	ug/l #	20
76) 1,2,3-Trichloropropane	11.061	75	73102	23.595	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73102	60.170	ug/l #	8

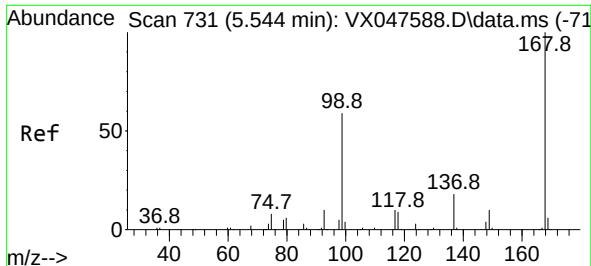
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 30 01:23:49 2025
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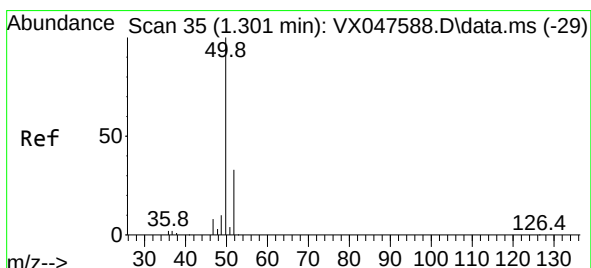
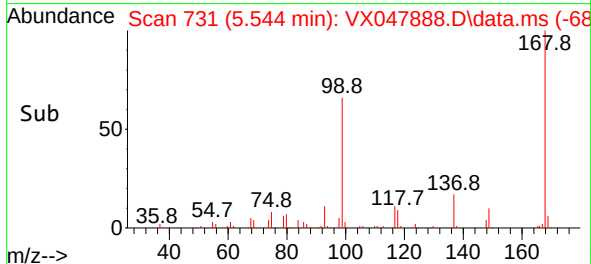
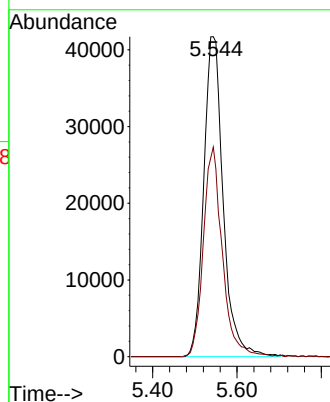
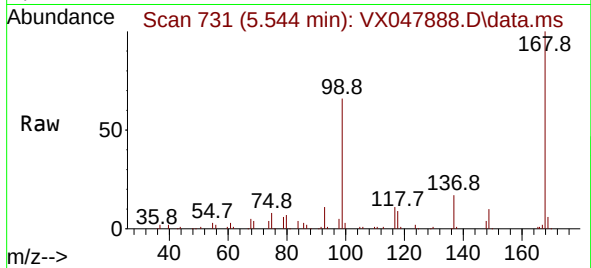




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

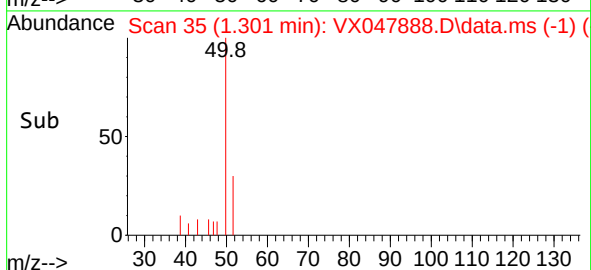
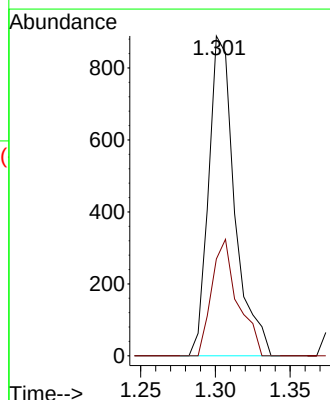
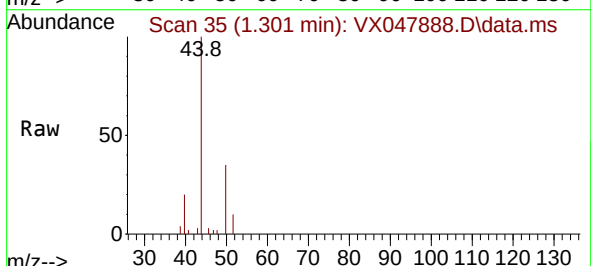
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-380-382

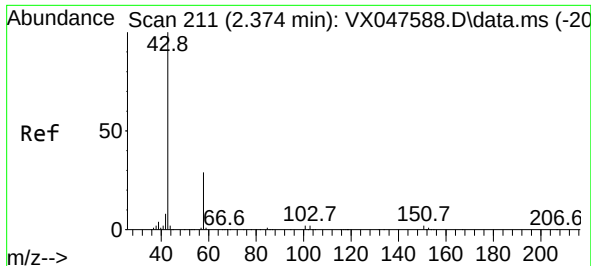
Tgt Ion:168 Resp: 133701
Ion Ratio Lower Upper
168 100
99 65.5 48.8 73.2



#3
Chloromethane
Concen: 0.594 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 50 Resp: 1081
Ion Ratio Lower Upper
50 100
52 30.3 26.1 39.1

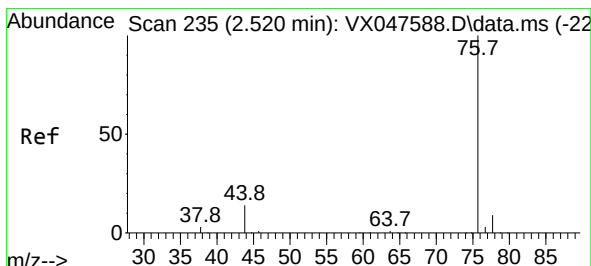
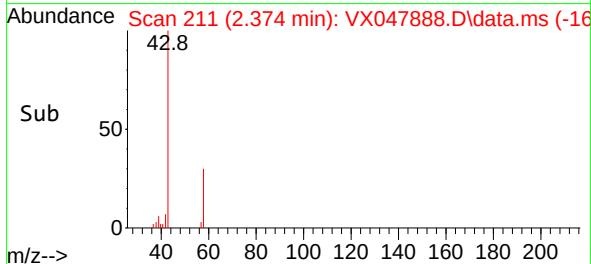
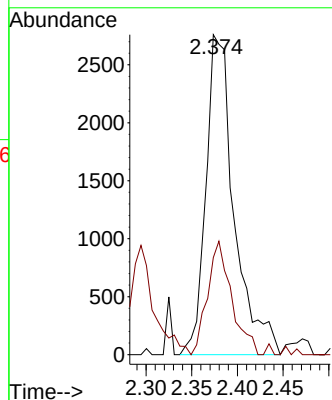
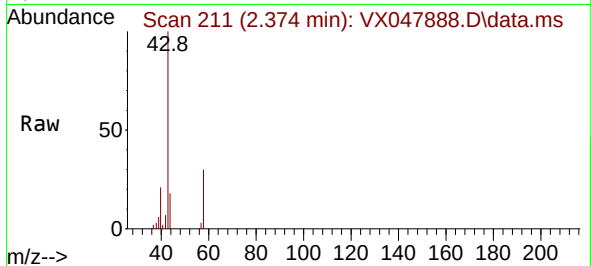




#16
Acetone
Concen: 6.420 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

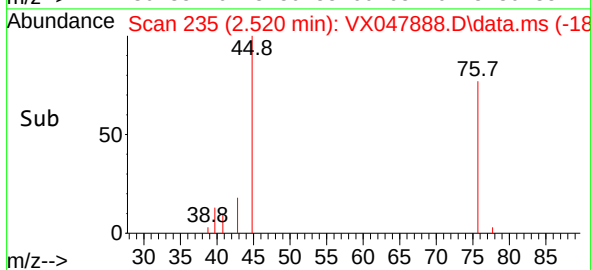
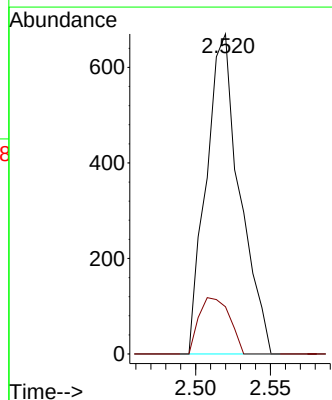
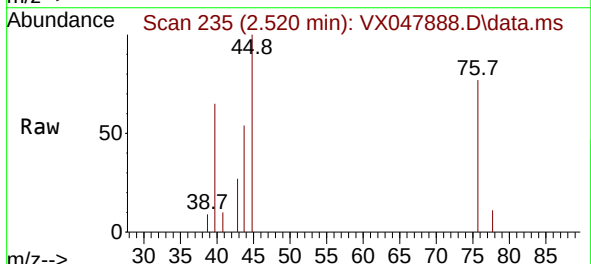
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-380-382

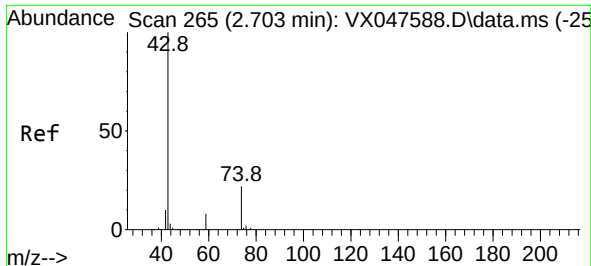
Tgt Ion: 43 Resp: 5941
Ion Ratio Lower Upper
43 100
58 29.5 23.4 35.0



#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.520 min Scan# 235
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 76 Resp: 1044
Ion Ratio Lower Upper
76 100
78 14.8 6.8 10.2#

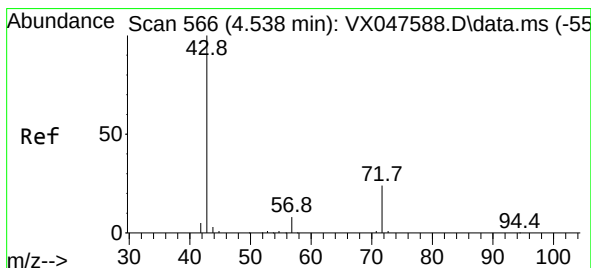
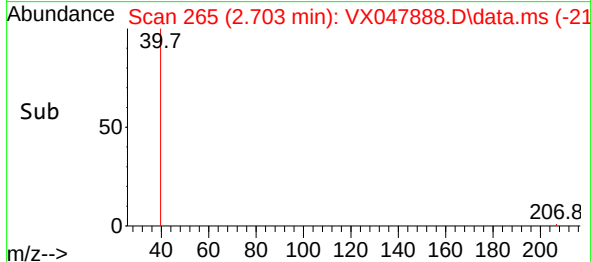
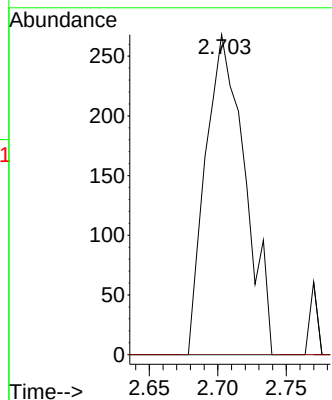
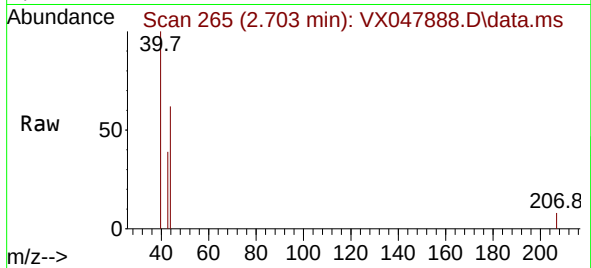




#18
Methyl Acetate
Concen: 0.259 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

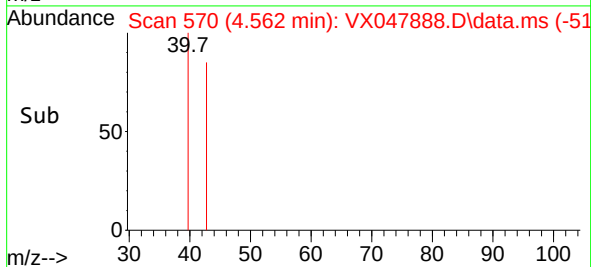
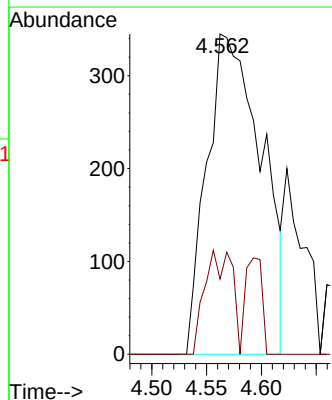
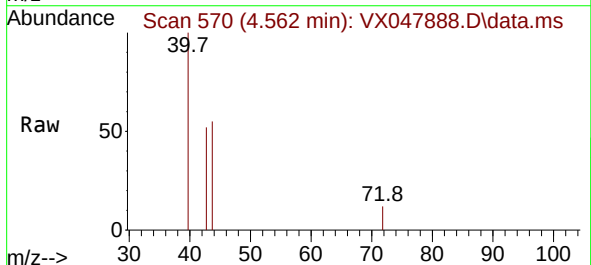
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-380-382

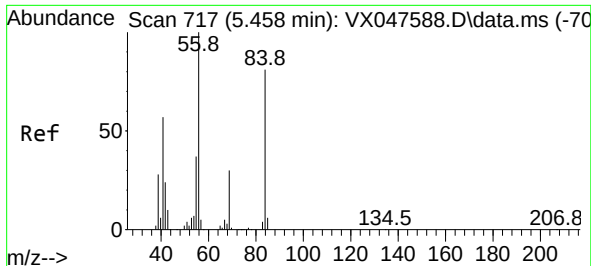
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#25
2-Butanone
Concen: 1.034 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
72 11.4 20.1 30.1#

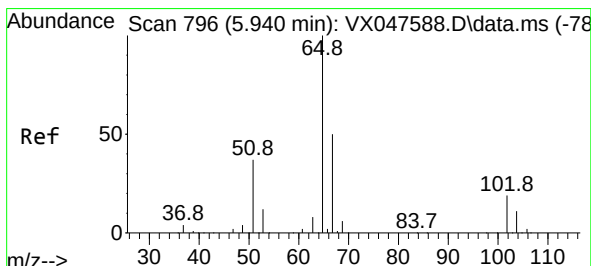
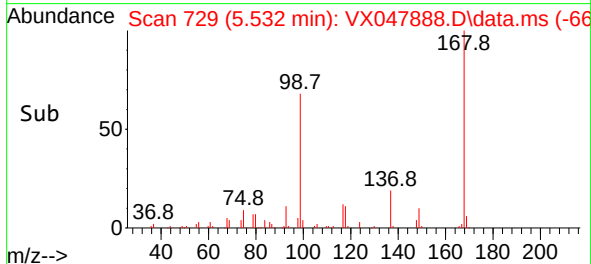
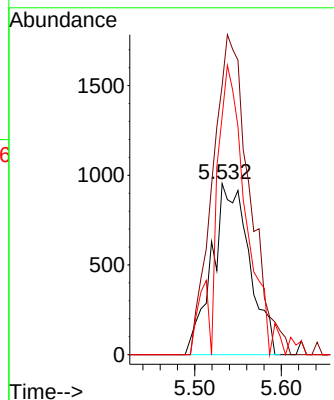
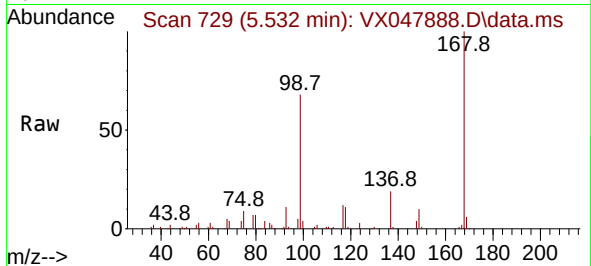




#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.532 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

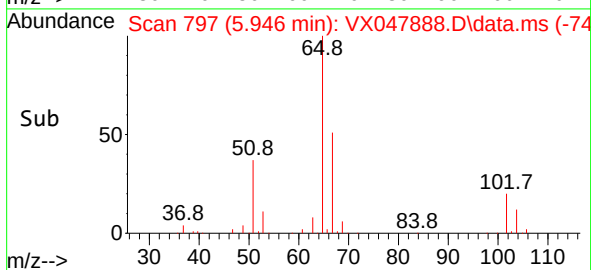
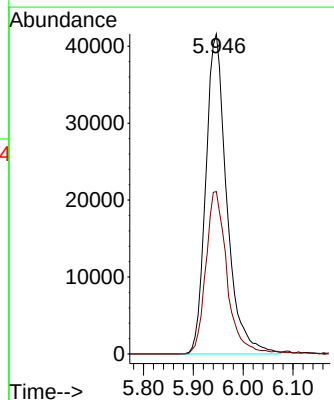
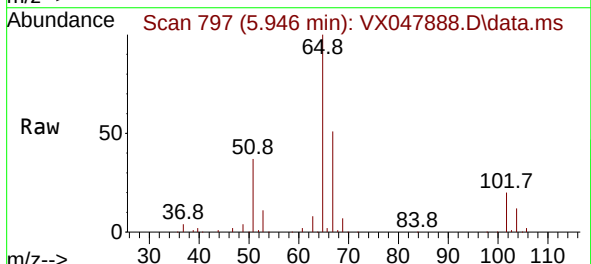
Instrument :
MSVOA_X
ClientSampleId :
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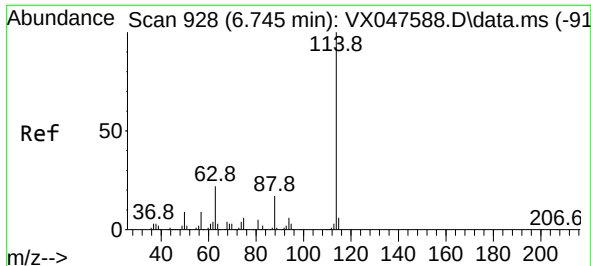
Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 157.4 23.8 35.8#
84 139.2 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 57.074 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 65 Resp: 121464
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

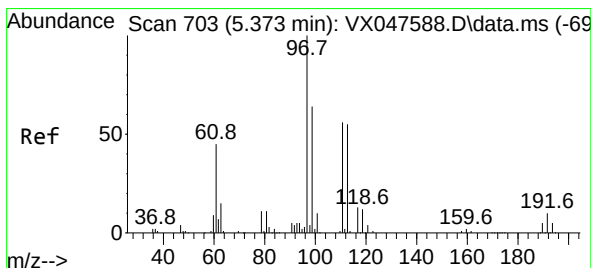
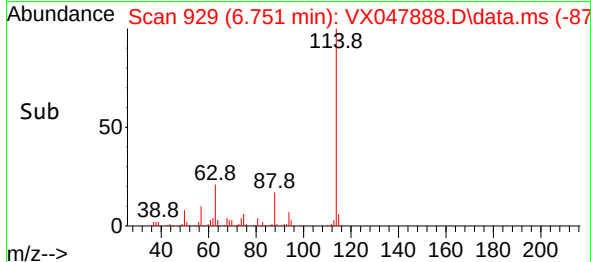
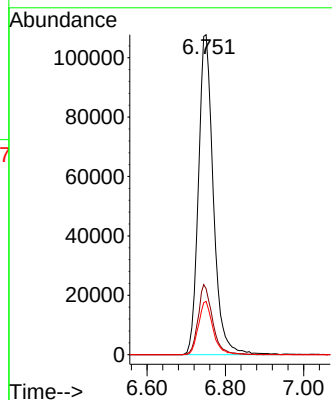
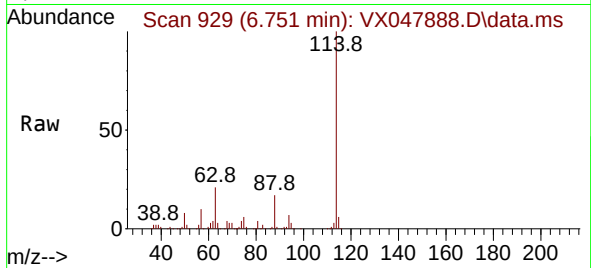




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

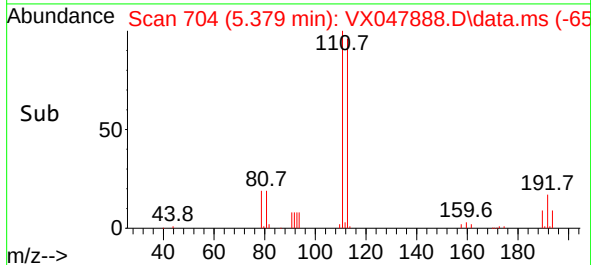
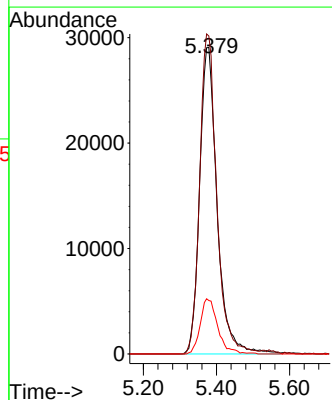
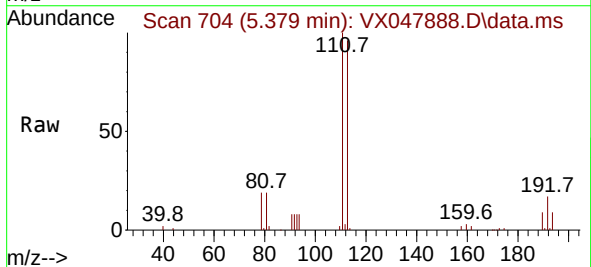
Instrument :
MSVOA_X
ClientSampleId :
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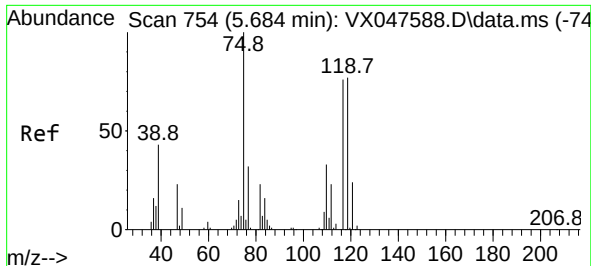
Tgt Ion:114 Resp: 285495
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.504 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion:113 Resp: 96700
Ion Ratio Lower Upper
113 100
111 101.5 80.9 121.3
192 18.0 14.2 21.4

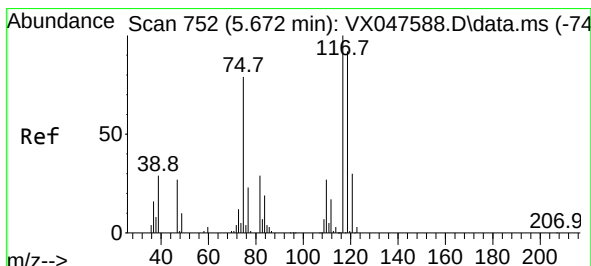
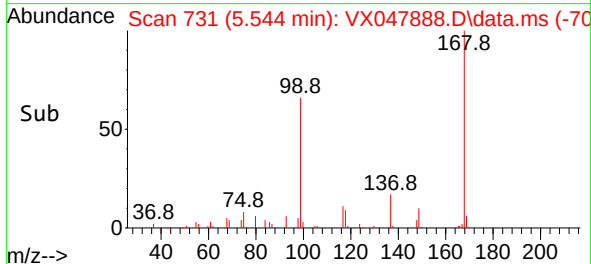
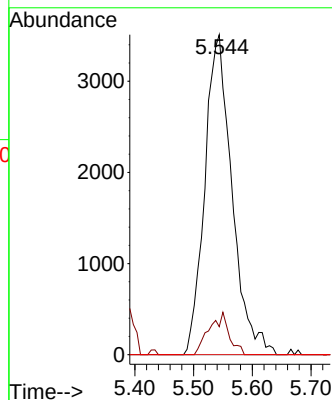
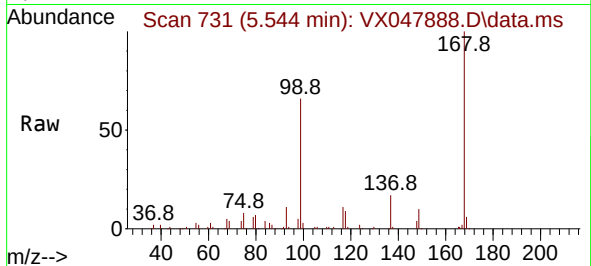




#36
1,1-Dichloropropene
Concen: 4.043 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

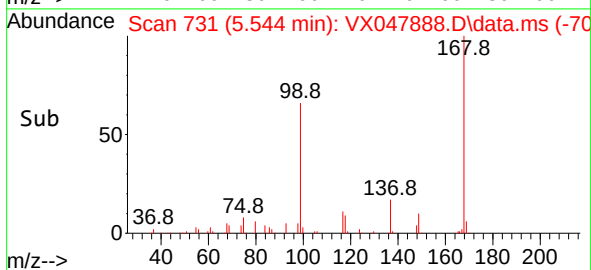
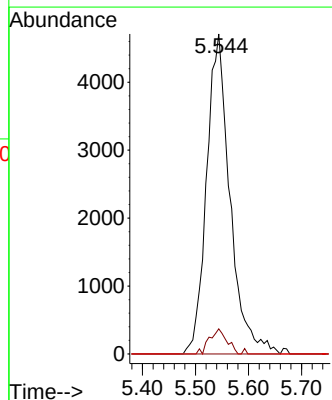
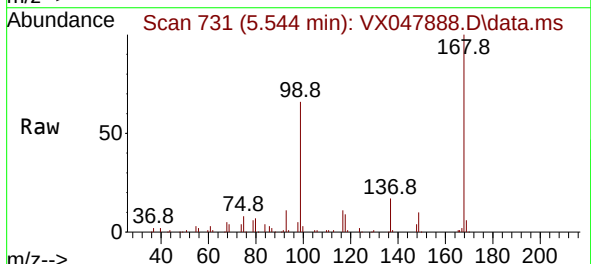
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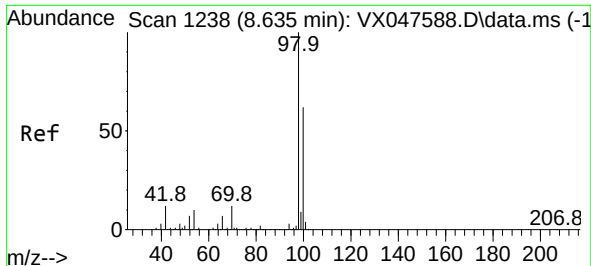
Tgt Ion: 75 Resp: 11312
Ion Ratio Lower Upper
75 100
110 9.6 16.7 50.1#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 4.749 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 117 Resp: 14437
Ion Ratio Lower Upper
117 100
119 7.9 73.4 110.2#
121 0.0 23.8 35.6#

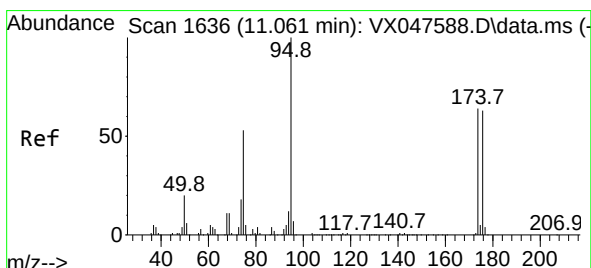
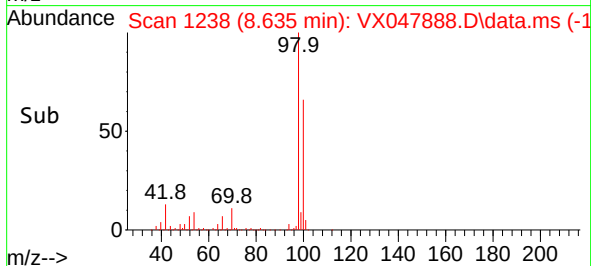
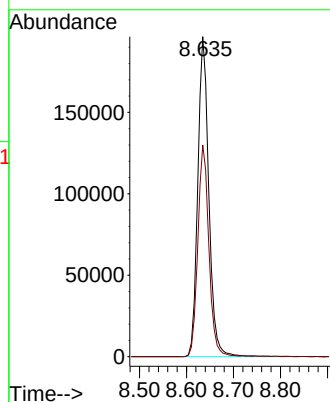
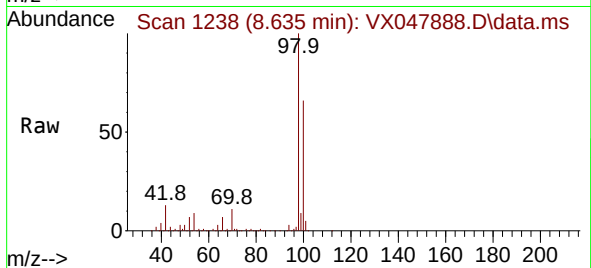




#50
Toluene-d8
Concen: 48.551 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

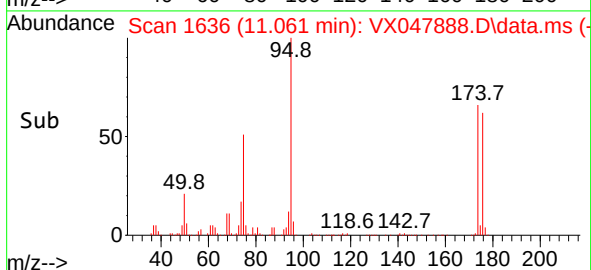
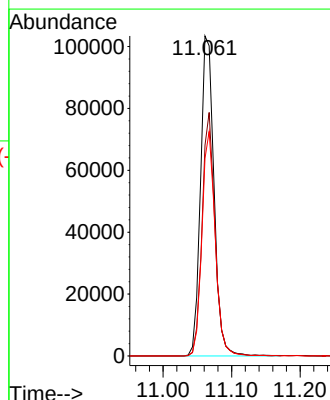
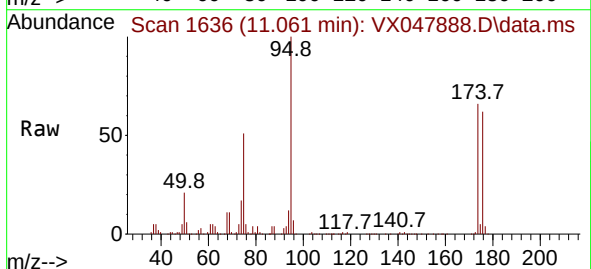
Instrument :
MSVOA_X
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BP-VPB-184-GW-380-382

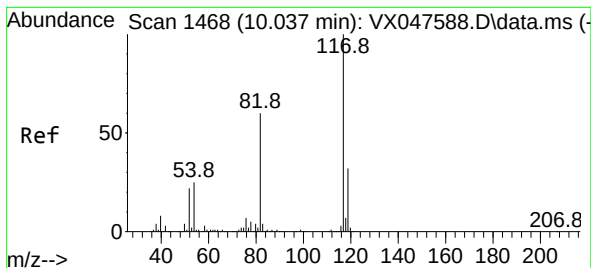
Tgt Ion: 98 Resp: 321663
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.440 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047888.D
Acq: 29 Sep 2025 16:44

Tgt Ion: 95 Resp: 141912
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 69.1 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: VX047888.D

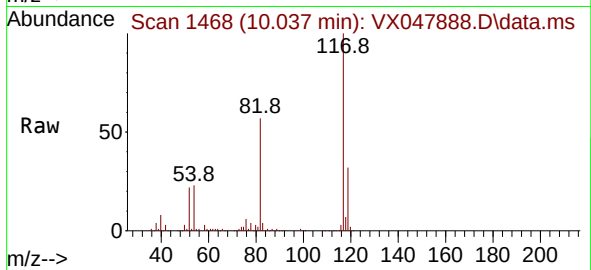
Acq: 29 Sep 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-380-382



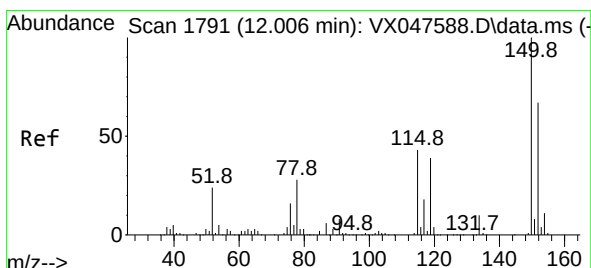
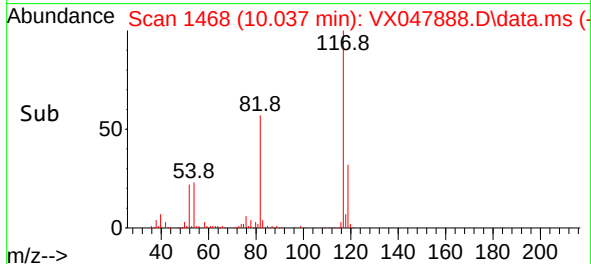
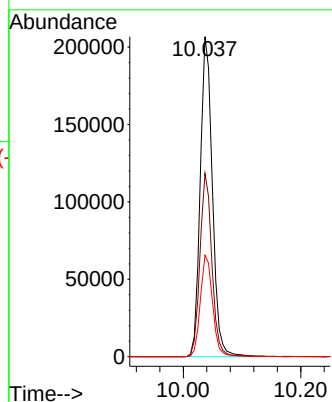
Tgt Ion:117 Resp: 296119

Ion Ratio Lower Upper

117 100

82 57.3 47.8 71.6

119 31.7 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: VX047888.D

Acq: 29 Sep 2025 16:44

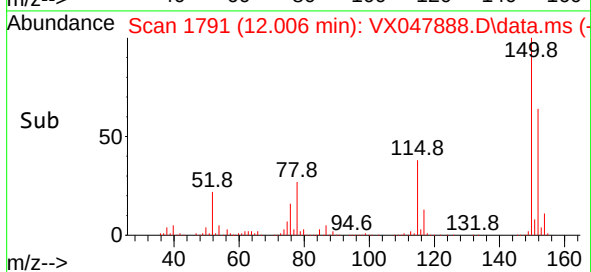
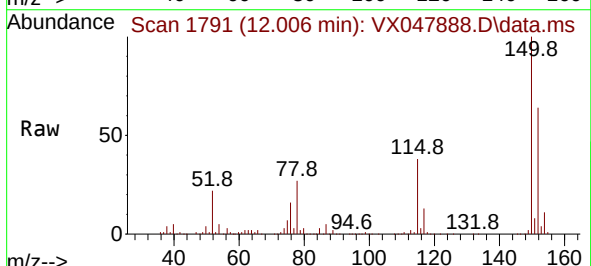
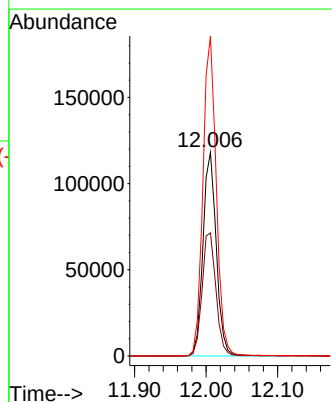
Tgt Ion:152 Resp: 153022

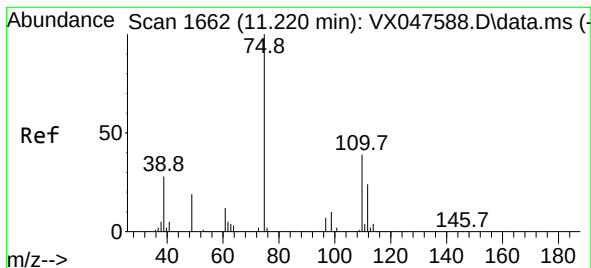
Ion Ratio Lower Upper

152 100

115 62.9 44.9 134.5

150 156.5 0.0 352.0





#76

1,2,3-Trichloropropane

Concen: 23.595 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. -0.159 min

Lab File: VX047888.D

Acq: 29 Sep 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

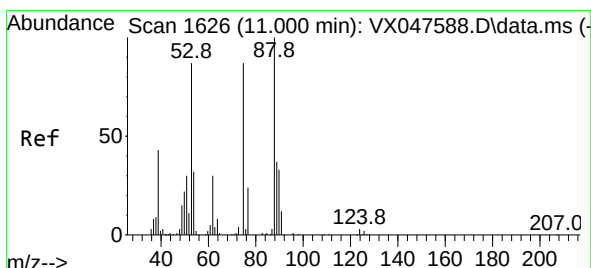
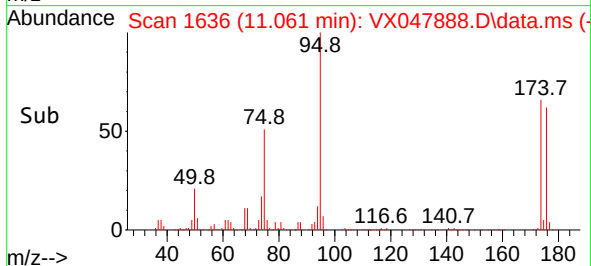
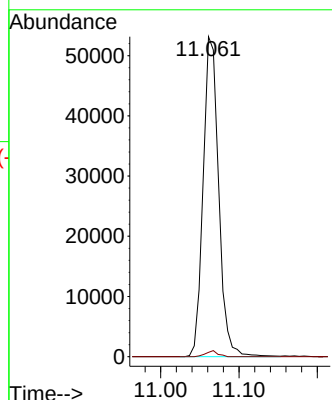
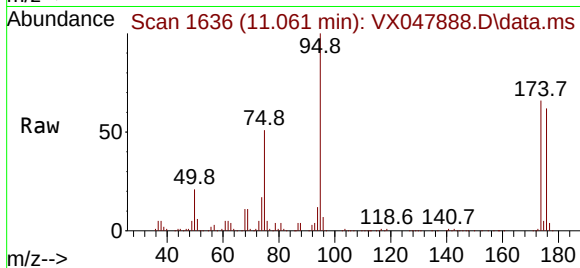
BP-VPB-184-GW-380-382

Tgt Ion: 75 Resp: 73102

Ion Ratio Lower Upper

75 100

77 1.4 18.8 56.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.170 ug/l

RT: 11.061 min Scan# 1636

Delta R.T. 0.061 min

Lab File: VX047888.D

Acq: 29 Sep 2025 16:44

Tgt Ion: 75 Resp: 73102

Ion Ratio Lower Upper

75 100

53 0.1 83.4 125.2#

89 0.0 36.3 54.5#

