

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047884.D
 Acq On : 29 Sep 2025 15:20
 Operator : JC/MD
 Sample : Q3213-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924

Quant Time: Sep 30 01:22:11 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)

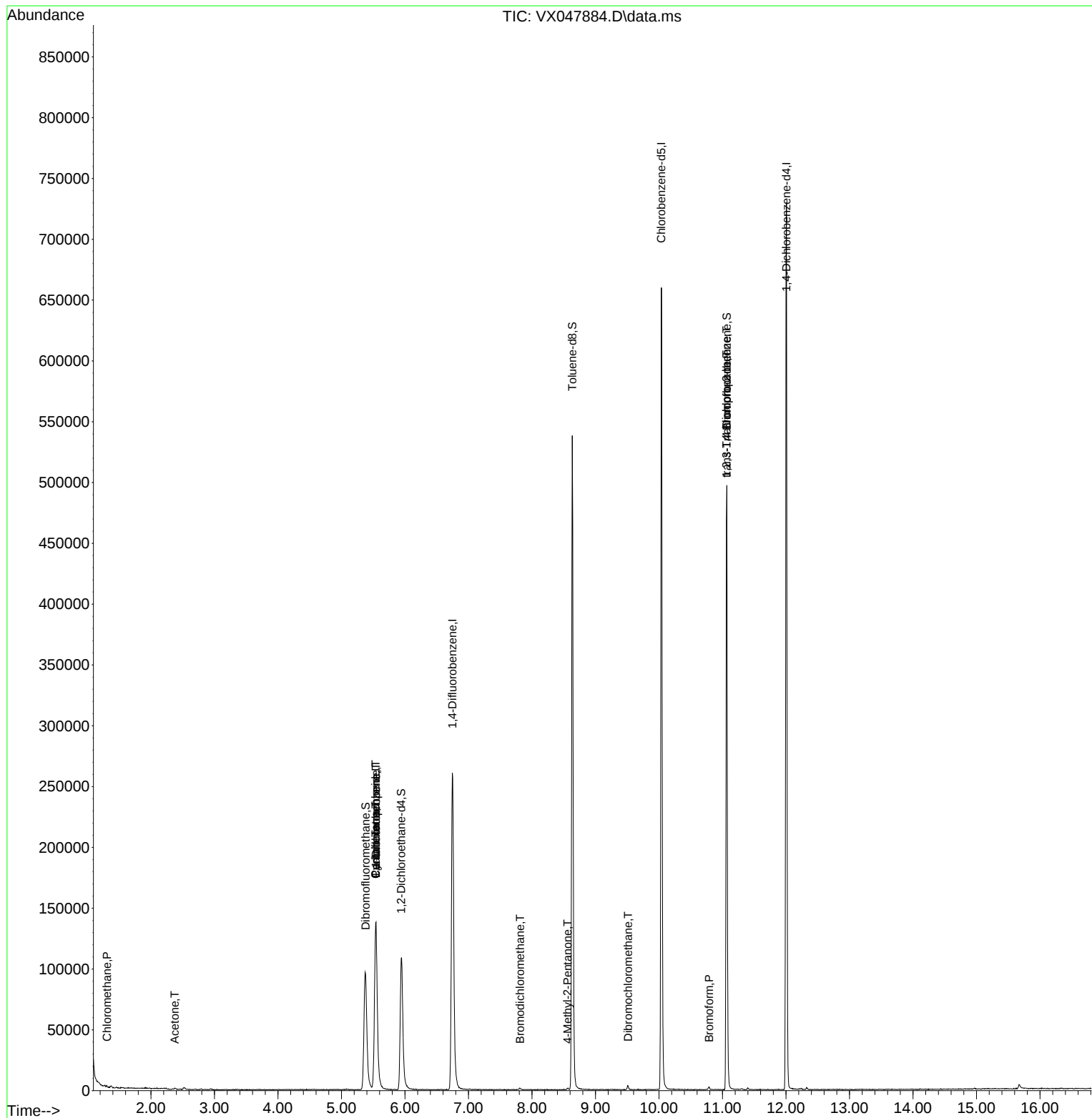
Internal Standards						
1) Pentafluorobenzene	5.544	168	137990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	287753	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	302814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	119798	54.542	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.080%			
35) Dibromofluoromethane	5.379	113	96280	49.890	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.635	98	324271	48.561	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.120%			
62) 4-Bromofluorobenzene	11.067	95	141573	55.863	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.720%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1005	0.535	ug/l	94
16) Acetone	2.374	43	1190	1.246	ug/l #	79
31) Cyclohexane	5.538	56	3048	1.050	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	11724	4.158	ug/l #	43
38) Carbon Tetrachloride	5.538	117	14678	4.791	ug/l #	17
47) Bromodichloromethane	7.812	83	1036	0.315	ug/l #	81
51) 4-Methyl-2-Pentanone	8.562	43	1103	0.402	ug/l #	58
60) Dibromochloromethane	9.513	129	1749	0.746	ug/l	100
71) Bromoform	10.787	173	934	0.527	ug/l #	93
76) 1,2,3-Trichloropropane	11.061	75	73592	23.432	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	73592	59.754	ug/l #	8

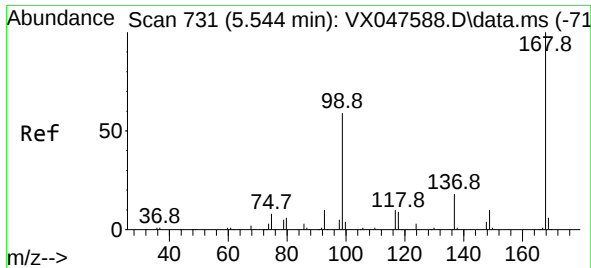
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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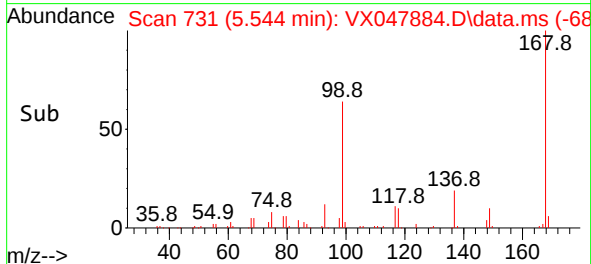
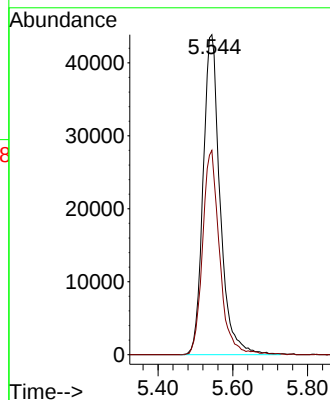
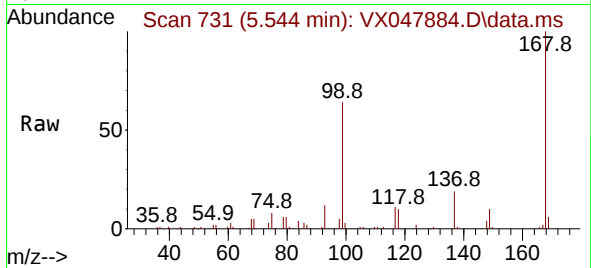




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

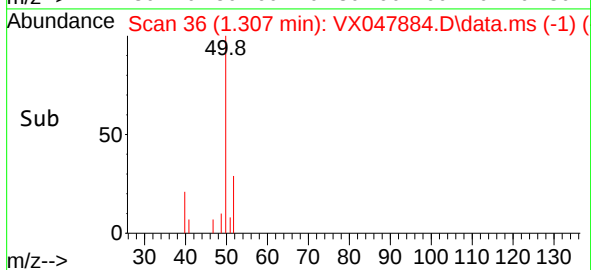
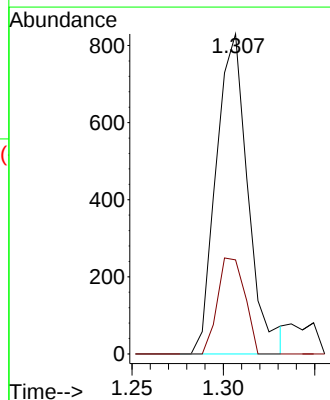
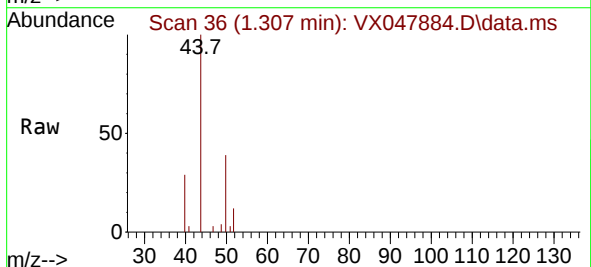
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion:168 Resp: 137990
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#3
Chloromethane
Concen: 0.535 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 50 Resp: 1005
Ion Ratio Lower Upper
50 100
52 29.4 26.1 39.1





#16

Acetone

Concen: 1.246 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

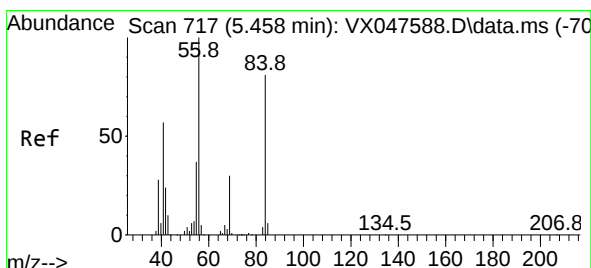
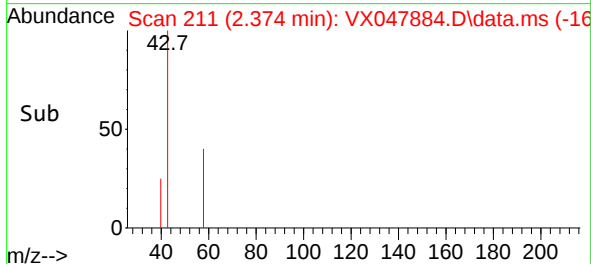
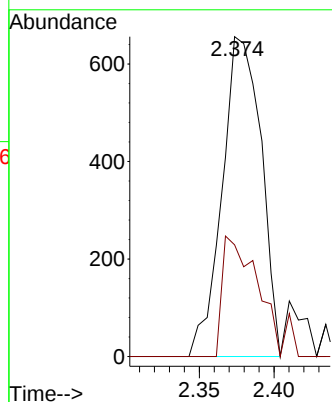
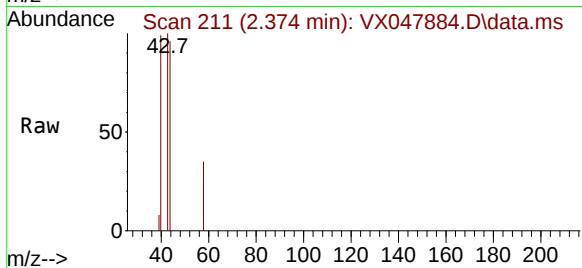
VPB184-HYD-20250924

Tgt Ion: 43 Resp: 1190

Ion Ratio Lower Upper

43 100

58 17.8 23.4 35.0#



#31

Cyclohexane

Concen: 1.050 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.079 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

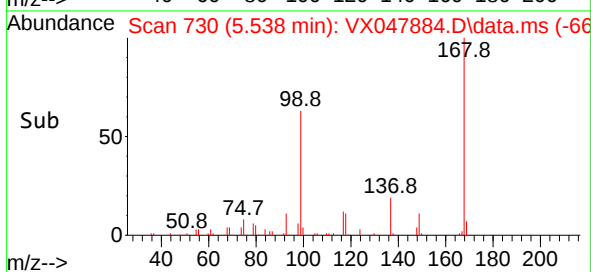
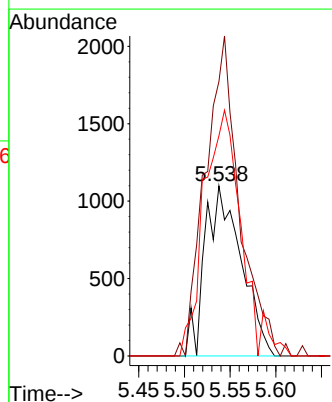
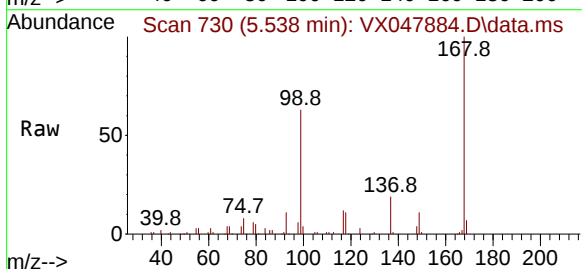
Tgt Ion: 56 Resp: 3048

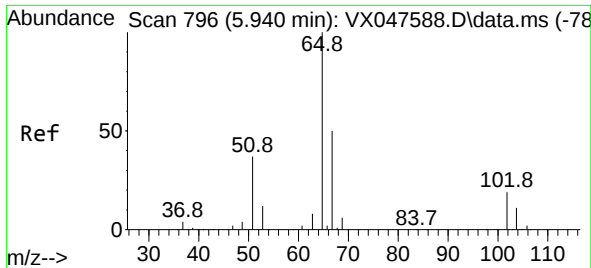
Ion Ratio Lower Upper

56 100

69 167.0 23.8 35.8#

84 129.4 64.6 97.0#

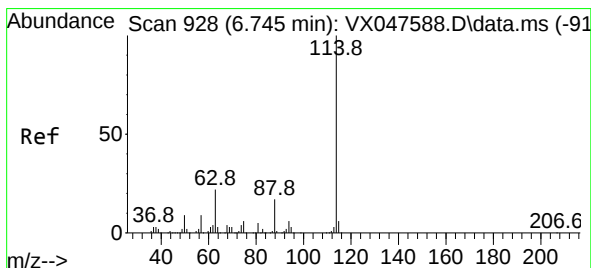
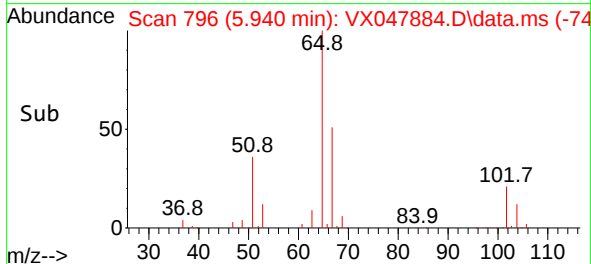
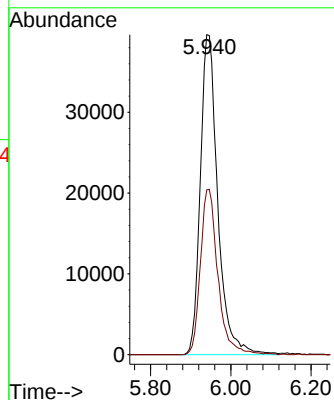
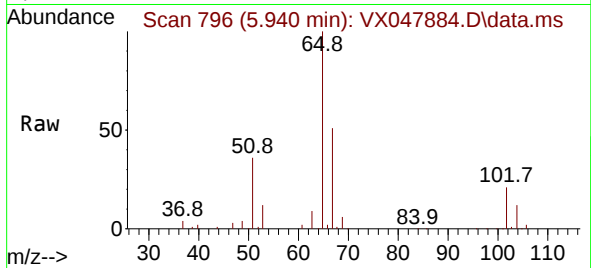




#33
 1,2-Dichloroethane-d4
 Concen: 54.542 ug/l
 RT: 5.940 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

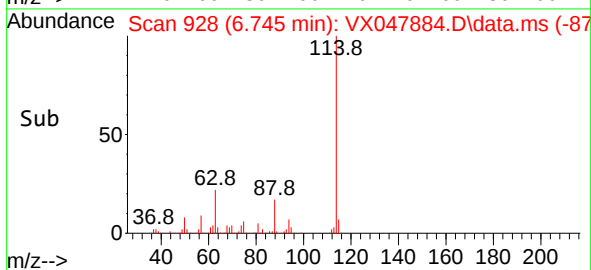
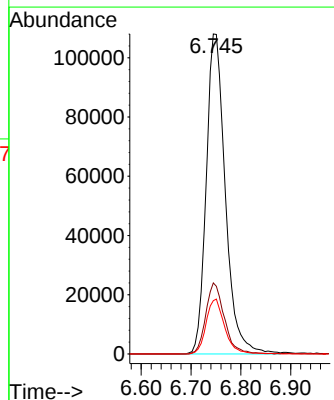
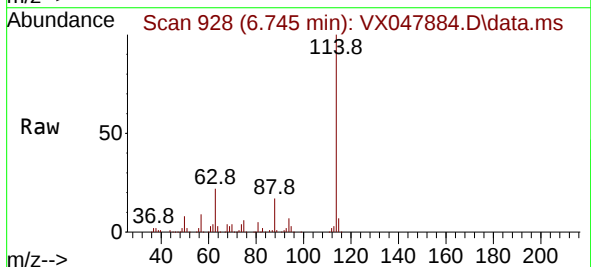
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924

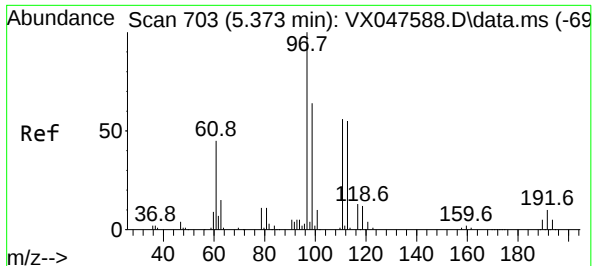
Tgt Ion: 65 Resp: 119798
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 928
 Delta R.T. -0.000 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

Tgt Ion: 114 Resp: 287753
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 44.0
 88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 49.890 ug/l

RT: 5.379 min Scan# 703

Delta R.T. 0.006 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20250924

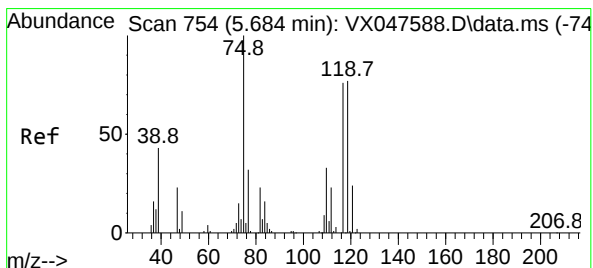
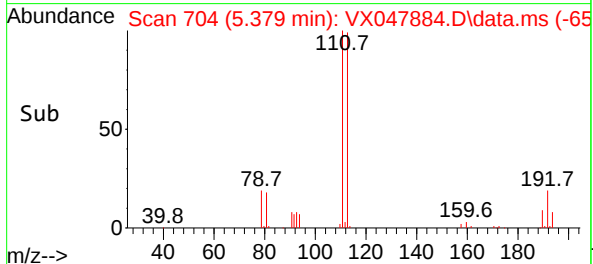
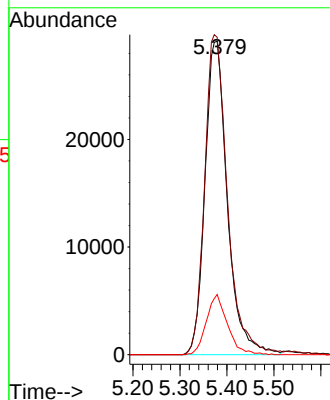
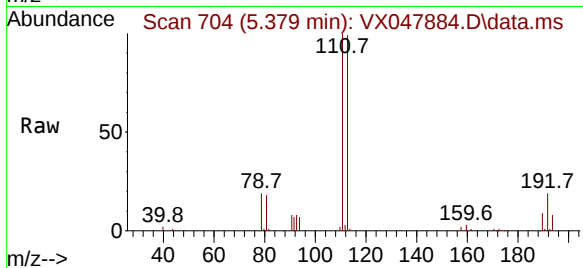
Tgt Ion:113 Resp: 96280

Ion Ratio Lower Upper

113 100

111 103.8 80.9 121.3

192 18.1 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.158 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.140 min

Lab File: VX047884.D

Acq: 29 Sep 2025 15:20

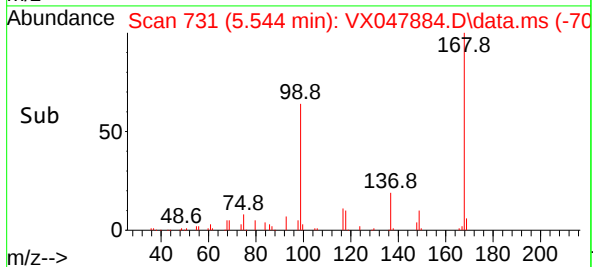
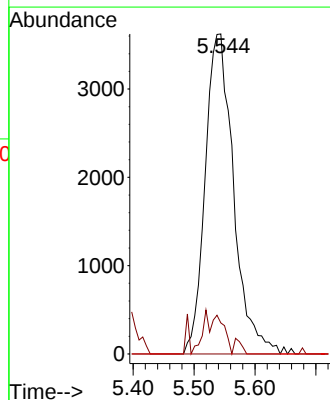
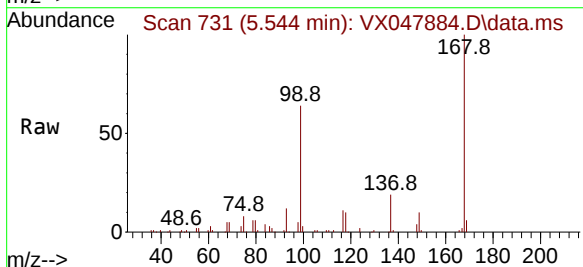
Tgt Ion: 75 Resp: 11724

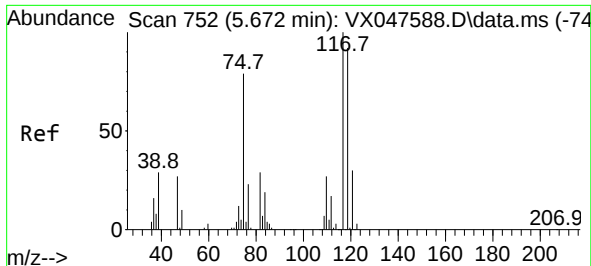
Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.1#

77 0.0 24.3 36.5#

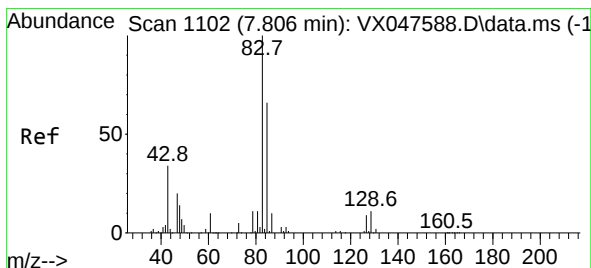
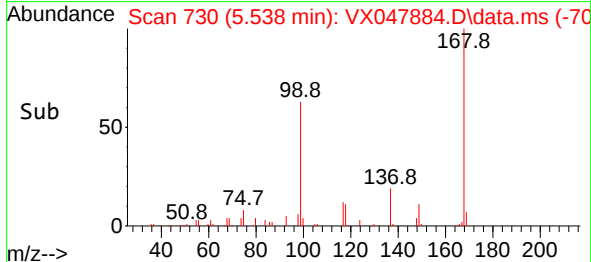
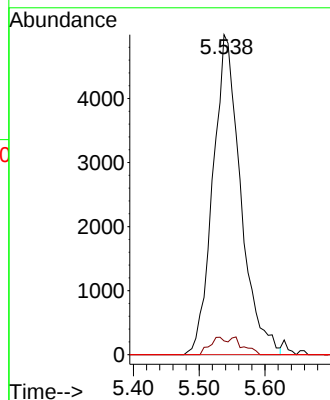
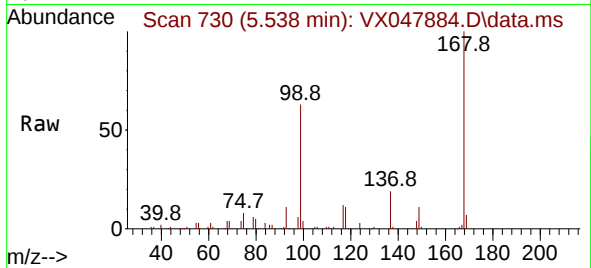




#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

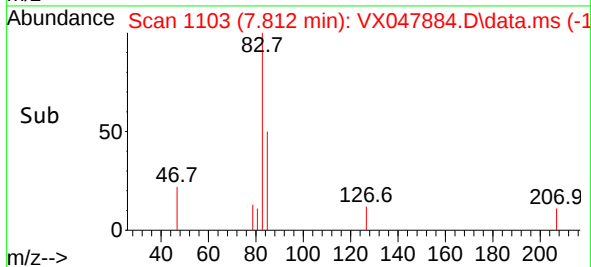
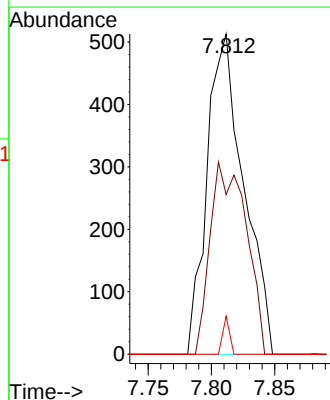
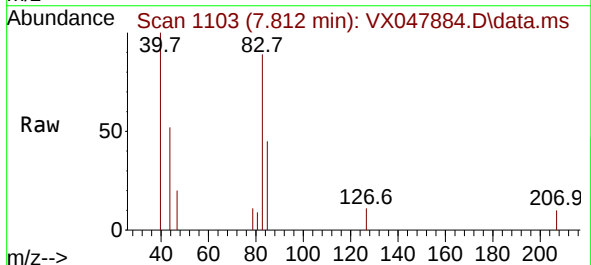
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

Tgt Ion: 117 Resp: 14678
Ion Ratio Lower Upper
117 100
119 4.3 73.4 110.2#
121 0.0 23.8 35.6#



#47
Bromodichloromethane
Concen: 0.315 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 83 Resp: 1036
Ion Ratio Lower Upper
83 100
85 49.9 52.5 78.7#
127 11.9 6.9 10.3#

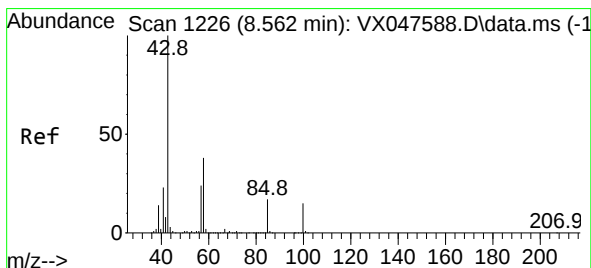
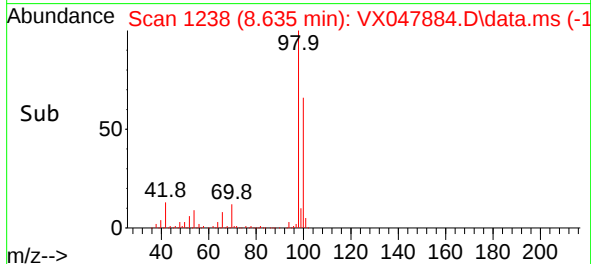
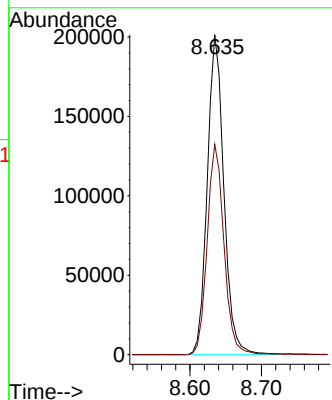
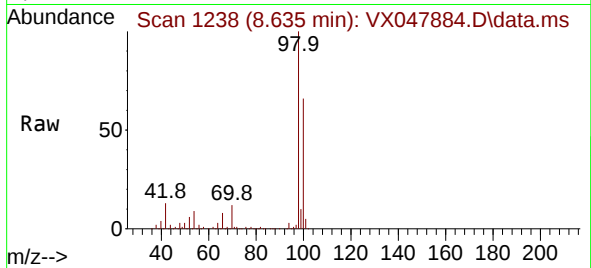




#50
Toluene-d8
Concen: 48.561 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

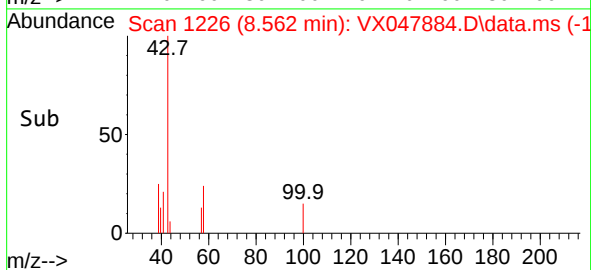
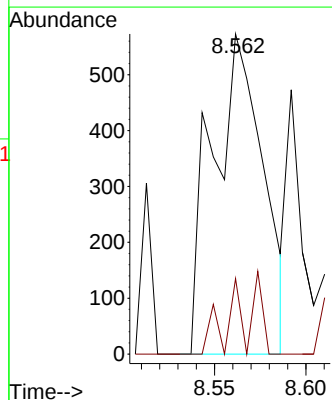
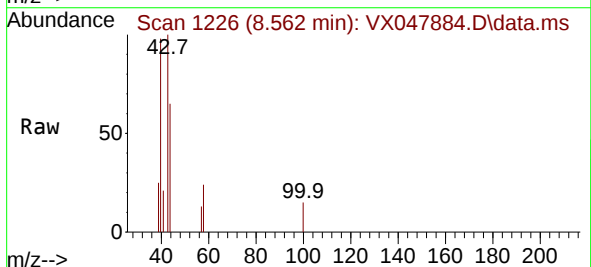
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MSVOA_X
ClientSampleId :
VPB184-HYD-20250924

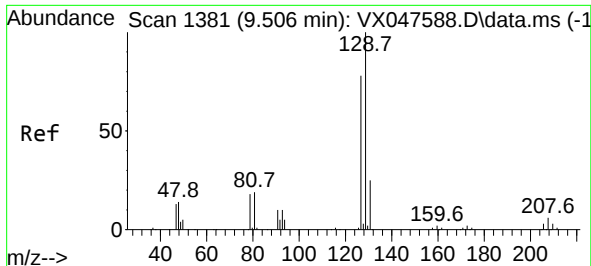
Tgt Ion: 98 Resp: 324271
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 0.402 ug/l
RT: 8.562 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 12.3 30.3 45.5#

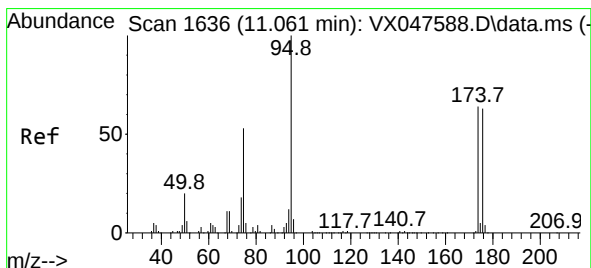
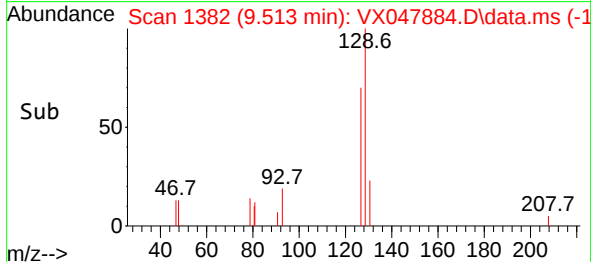
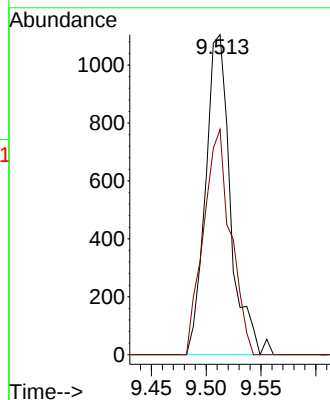
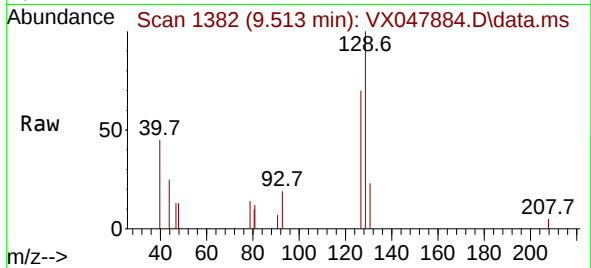




#60
Dibromochloromethane
Concen: 0.746 ug/l
RT: 9.513 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

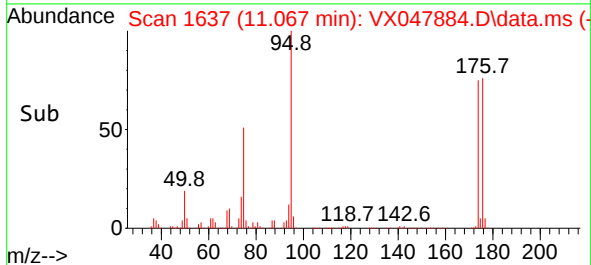
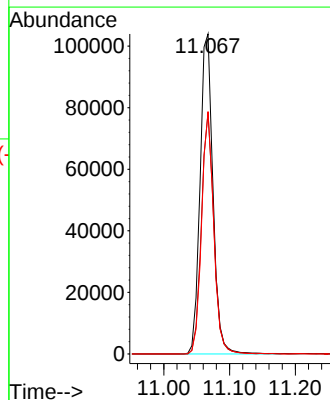
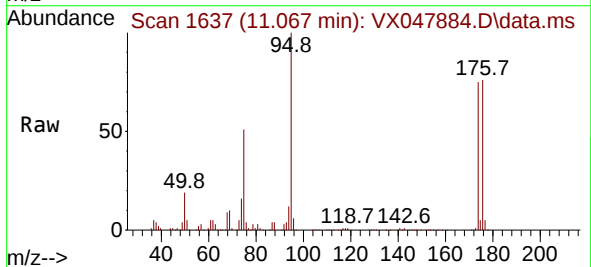
Instrument :
MSVOA_X
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VPB184-HYD-20250924

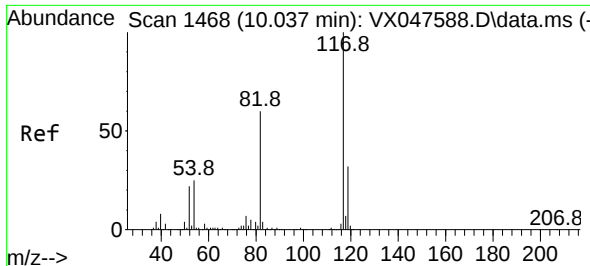
Tgt Ion:129 Resp: 1749
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 55.863 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion: 95 Resp: 141573
Ion Ratio Lower Upper
95 100
174 72.8 0.0 141.6
176 71.3 0.0 138.4

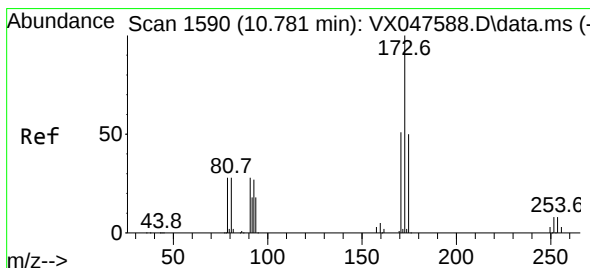
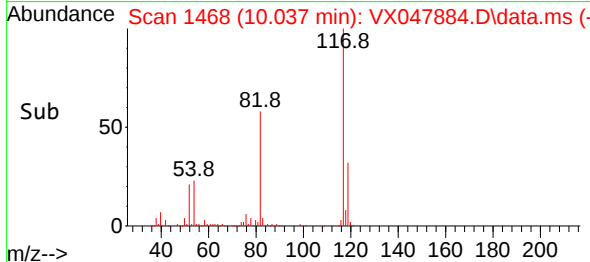
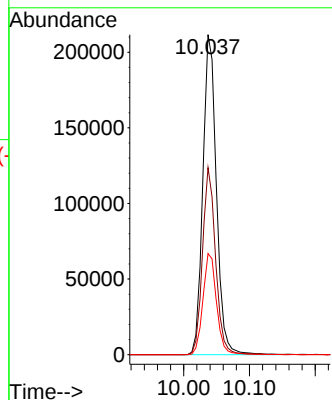
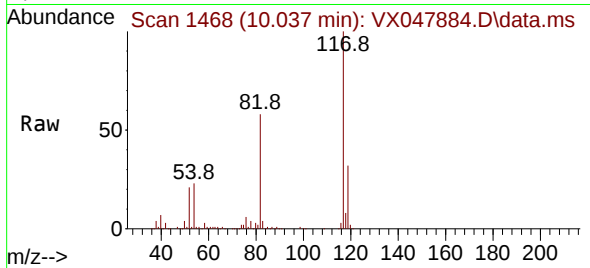




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

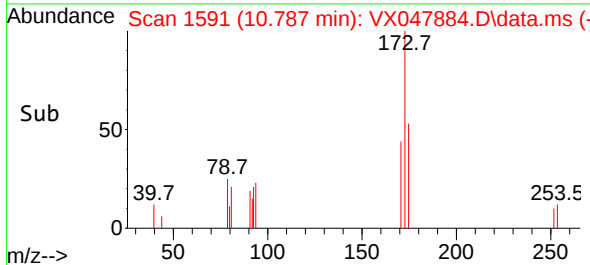
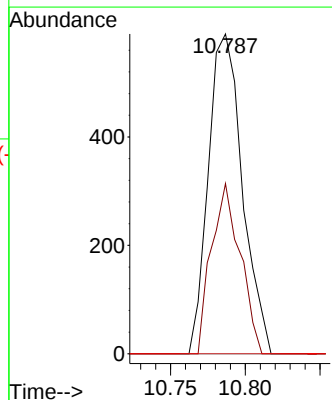
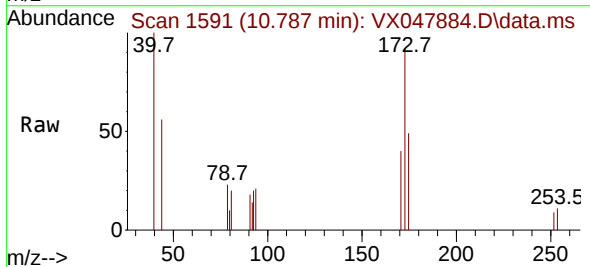
Instrument : MSVOA_X
ClientSampleId : VPB184-HYD-20250924

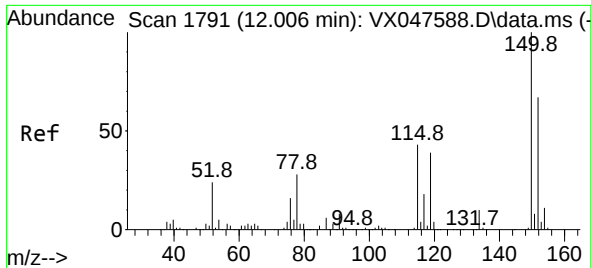
Tgt Ion:	117	Resp:	302814
Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.8	71.6
119	31.6	25.2	37.8



#71
Bromoform
Concen: 0.527 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VX047884.D
Acq: 29 Sep 2025 15:20

Tgt Ion:	173	Resp:	934
Ion	Ratio	Lower	Upper
173	100		
175	45.0	24.9	74.6
254	0.0	0.1	0.1

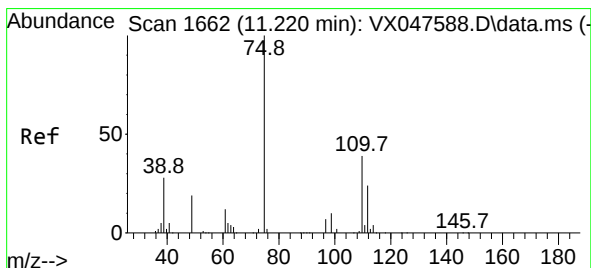
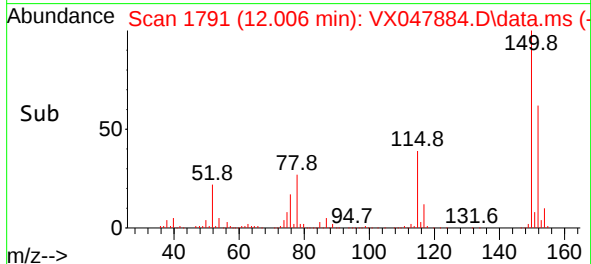
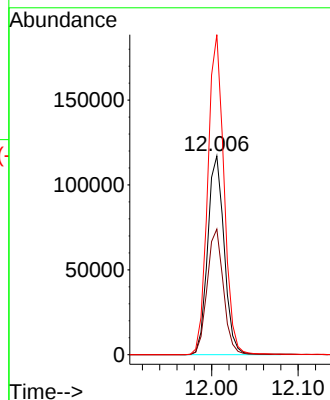
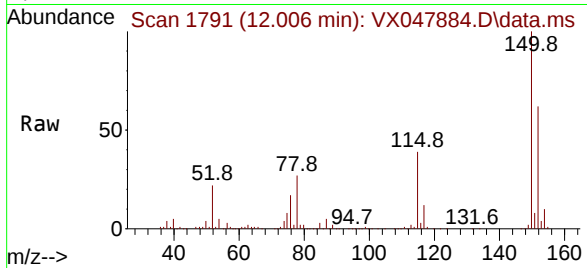




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

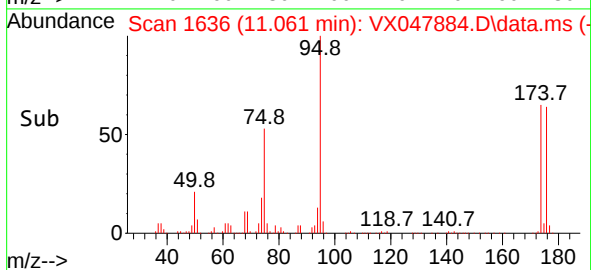
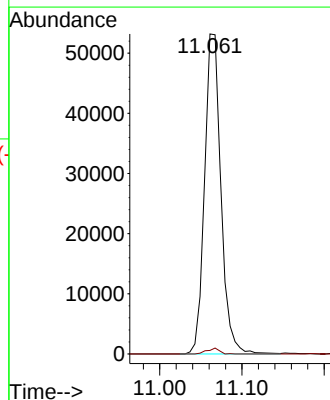
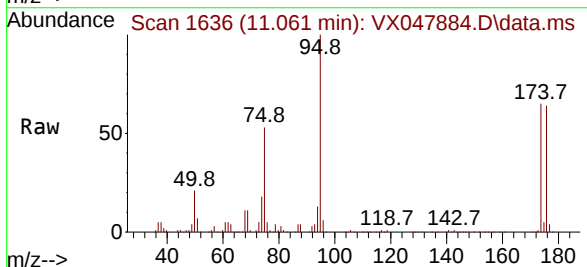
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924

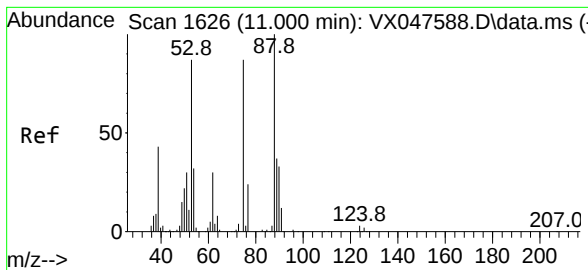
Tgt Ion:152 Resp: 155121
 Ion Ratio Lower Upper
 152 100
 115 62.5 44.9 134.5
 150 158.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 23.432 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

Tgt Ion: 75 Resp: 73592
 Ion Ratio Lower Upper
 75 100
 77 1.4 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.754 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX047884.D
 Acq: 29 Sep 2025 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20250924

Tgt Ion: 75 Resp: 73592
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

