

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
 Data File : VX048045.D
 Acq On : 07 Oct 2025 12:20
 Operator : JC/MD
 Sample : Q3298-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251003

Quant Time: Oct 08 01:26:21 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)

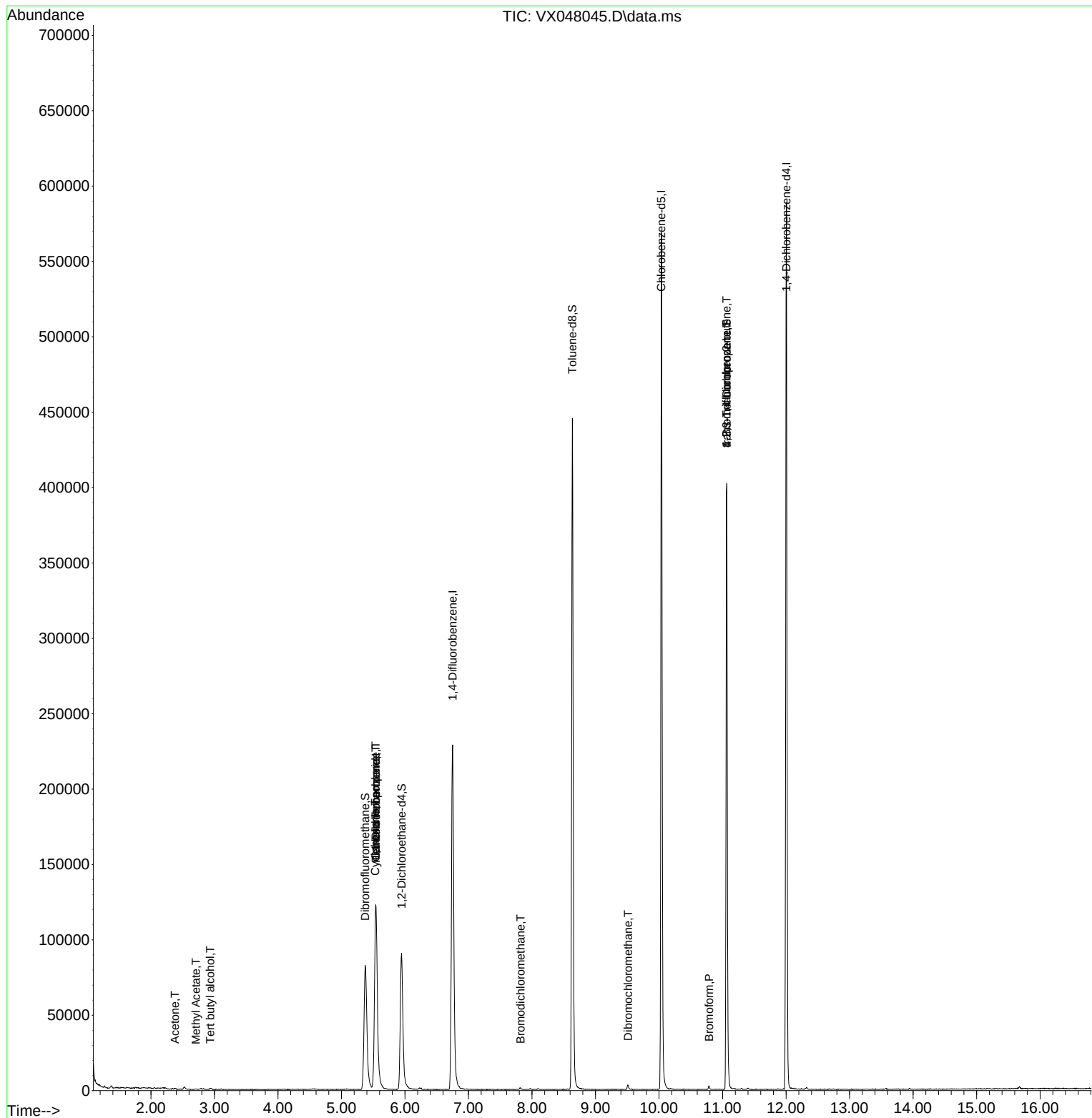
Internal Standards						
1) Pentafluorobenzene	5.544	168	123263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	255281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	126158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97982	49.939	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.880%
35) Dibromofluoromethane	5.373	113	80758	48.235	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.460%
50) Toluene-d8	8.635	98	277921	47.973	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.061	95	118749	54.009	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.020%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	94	0.430	ug/l #	72
16) Acetone	2.380	43	855	1.002	ug/l #	87
18) Methyl Acetate	2.709	43	416	0.219	ug/l #	54
31) Cyclohexane	5.531	56	2897	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.538	75	10464	4.277	ug/l #	49
38) Carbon Tetrachloride	5.538	117	13406	5.043	ug/l #	18
47) Bromodichloromethane	7.818	83	924	0.323	ug/l #	73
60) Dibromochloromethane	9.512	129	1744	0.857	ug/l	100
71) Bromoform	10.787	173	851	0.569	ug/l #	96
76) 1,2,3-Trichloropropane	11.061	75	61685	24.149	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.061	75	61685	61.584	ug/l #	8

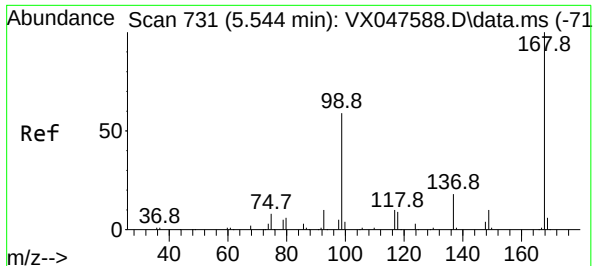
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100725\
Data File : VX048045.D
Acq On : 07 Oct 2025 12:20
Operator : JC/MD
Sample : Q3298-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

Quant Time: Oct 08 01:26:21 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

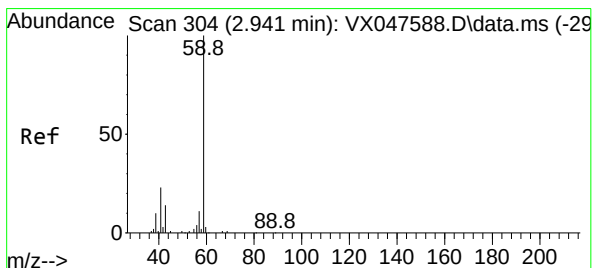
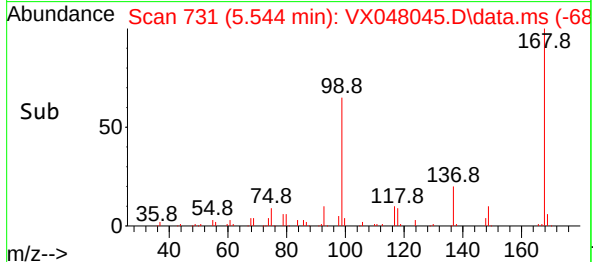
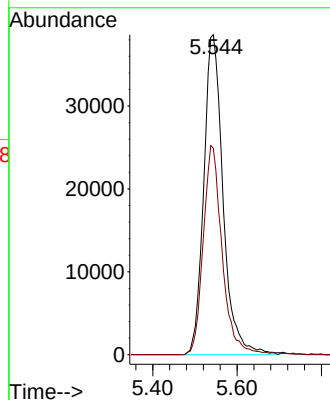
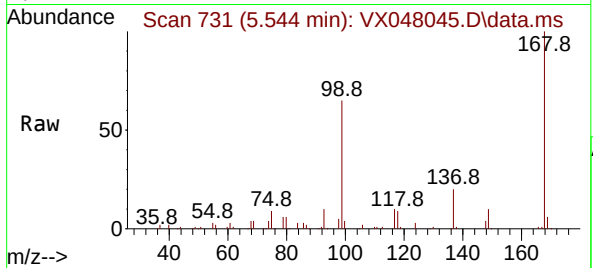




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

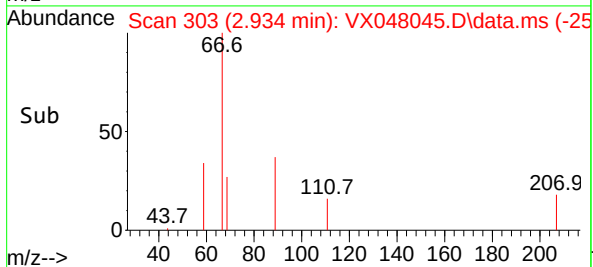
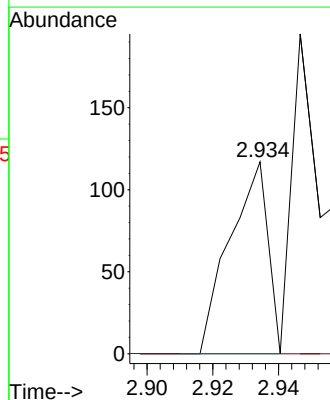
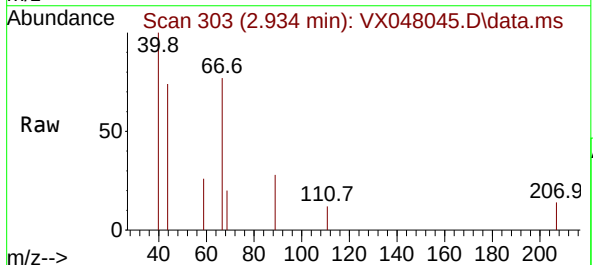
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

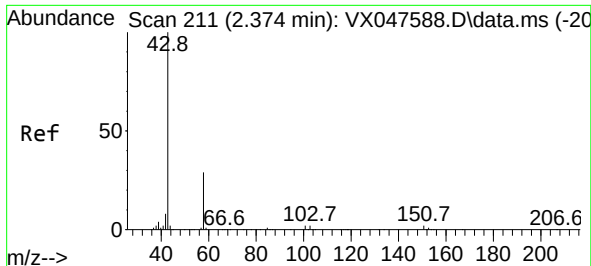
Tgt Ion:168 Resp: 123263
Ion Ratio Lower Upper
168 100
99 64.5 48.8 73.2



#11
Tert butyl alcohol
Concen: 0.430 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion: 59 Resp: 94
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

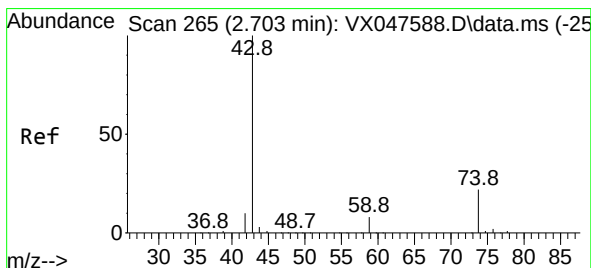
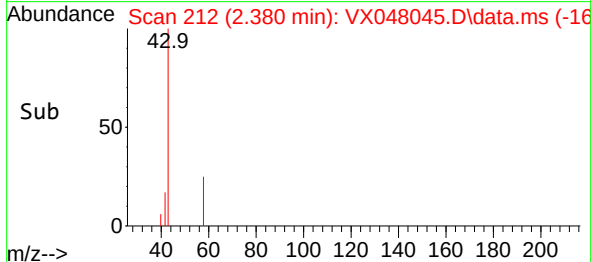
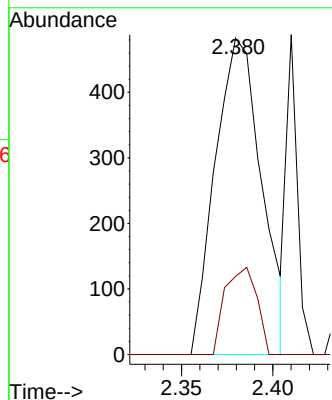
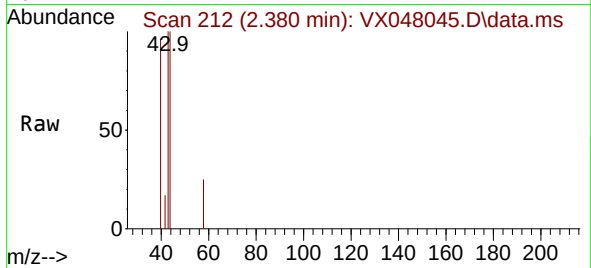




#16
Acetone
Concen: 1.002 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

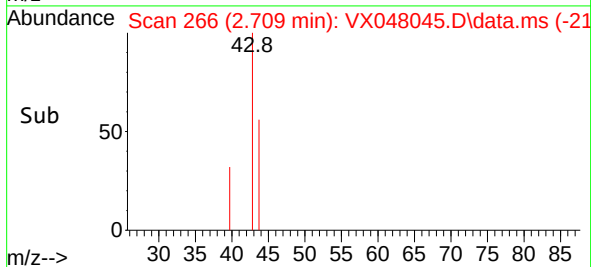
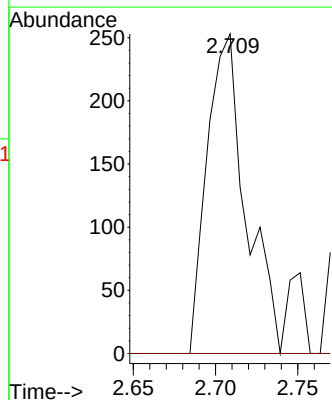
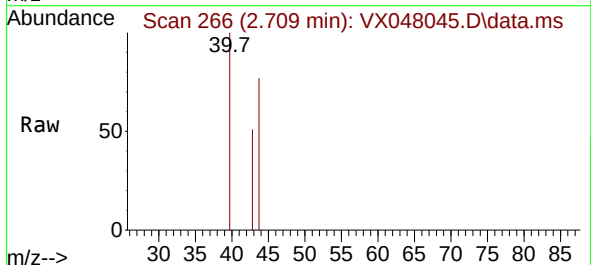
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

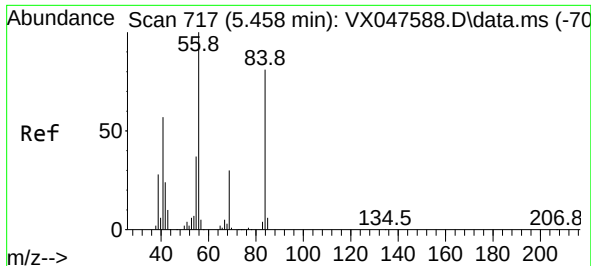
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 22.2 23.4 35.0#



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#

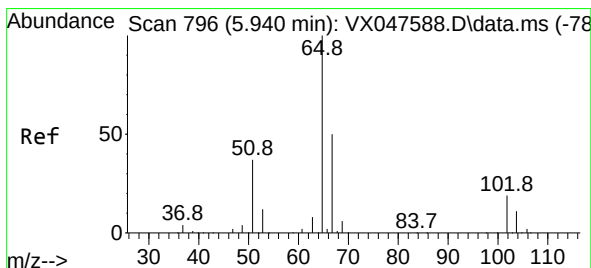
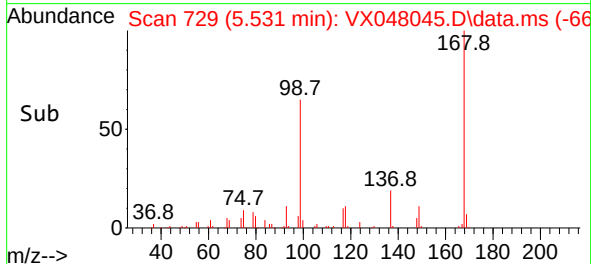
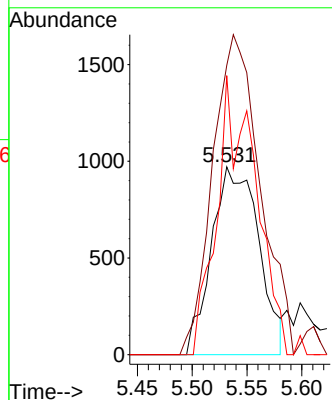
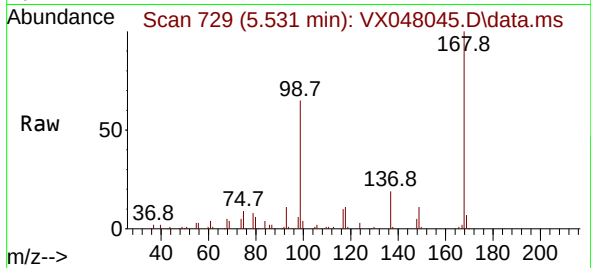




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.531 min Scan# 717
Delta R.T. 0.073 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

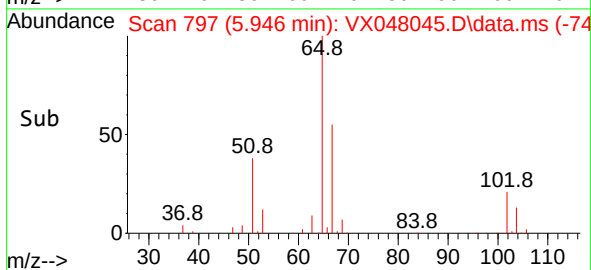
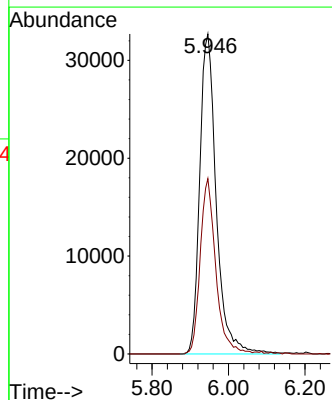
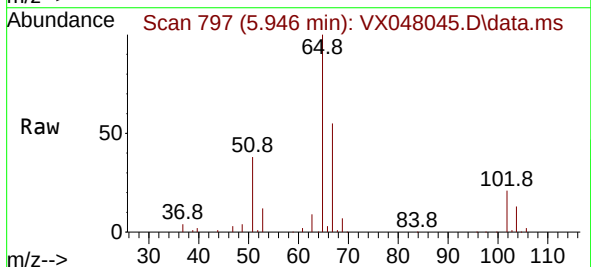
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

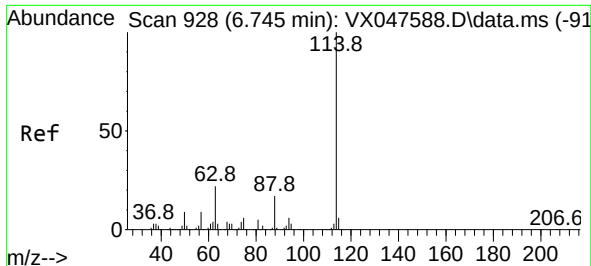
Tgt Ion: 56 Resp: 2897
Ion Ratio Lower Upper
56 100
69 154.1 23.8 35.8#
84 148.6 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 49.939 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

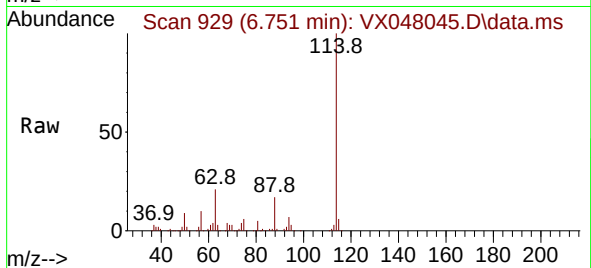
Tgt Ion: 65 Resp: 97982
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.0



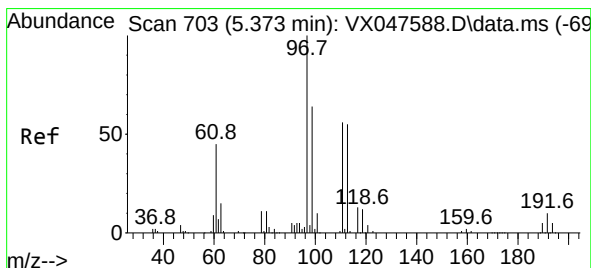
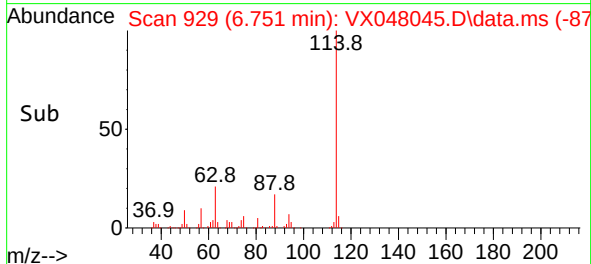
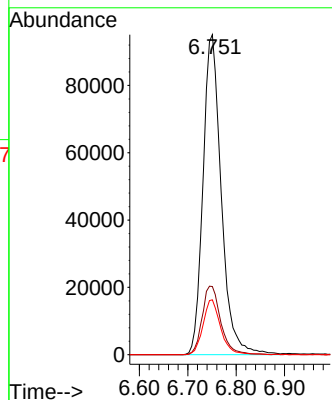


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

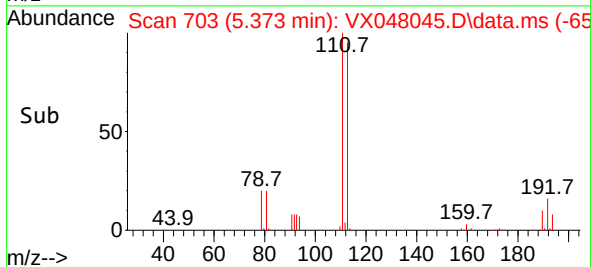
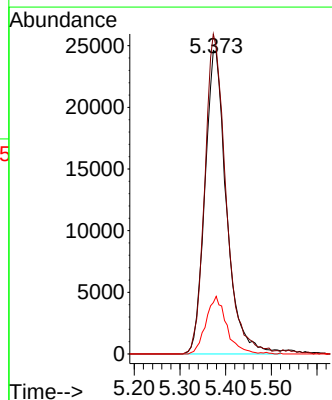
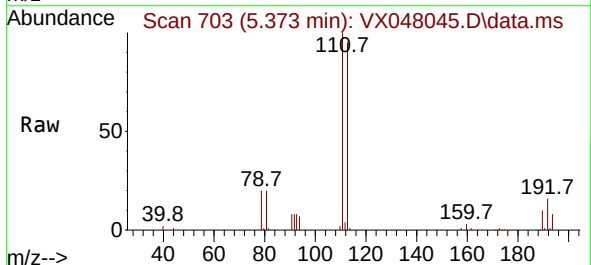


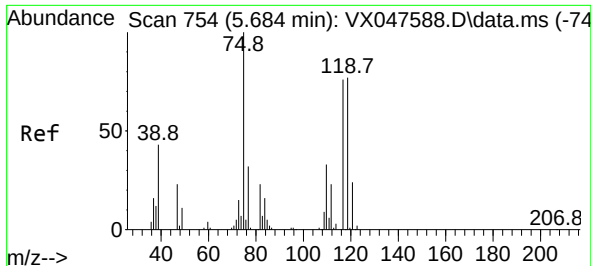
Tgt Ion:114 Resp: 249648
Ion Ratio Lower Upper
114 100
63 21.3 0.0 44.0
88 17.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.235 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion:113 Resp: 80758
Ion Ratio Lower Upper
113 100
111 103.6 80.9 121.3
192 18.1 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.277 ug/l

RT: 5.538 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX048045.D

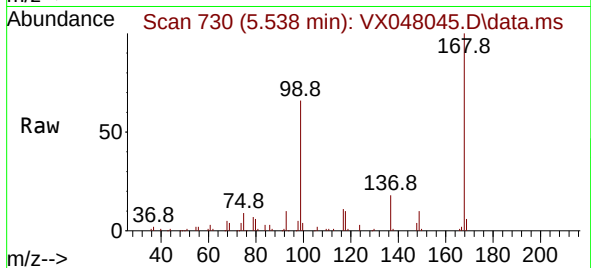
Acq: 07 Oct 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251003



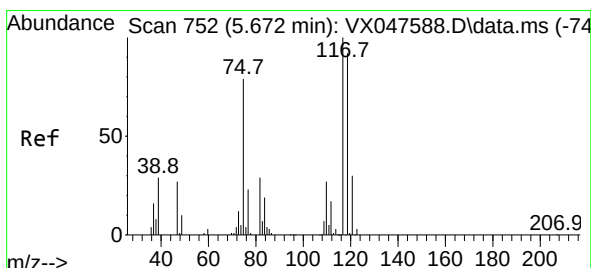
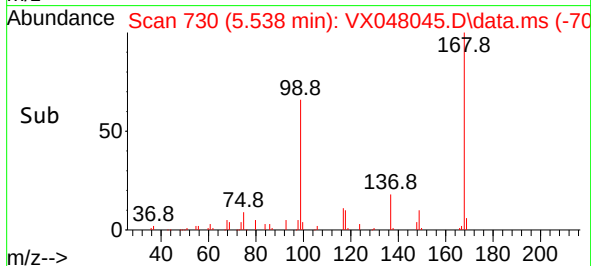
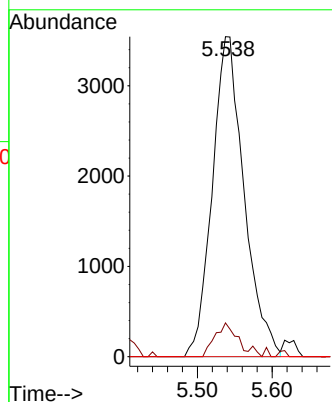
Tgt Ion: 75 Resp: 10464

Ion Ratio Lower Upper

75 100

110 7.2 16.7 50.1#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.043 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.134 min

Lab File: VX048045.D

Acq: 07 Oct 2025 12:20

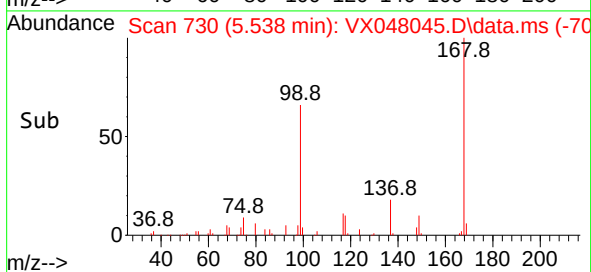
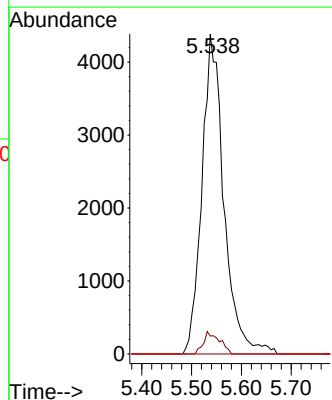
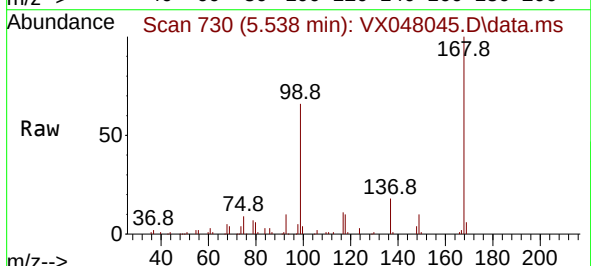
Tgt Ion: 117 Resp: 13406

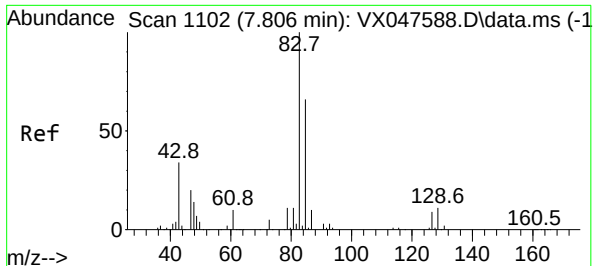
Ion Ratio Lower Upper

117 100

119 5.6 73.4 110.2#

121 0.0 23.8 35.6#





#47

Bromodichloromethane

Concen: 0.323 ug/l

RT: 7.818 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VX048045.D

Acq: 07 Oct 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251003

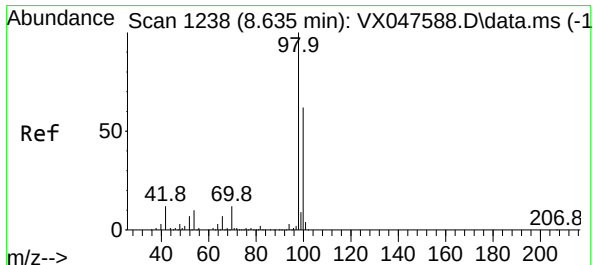
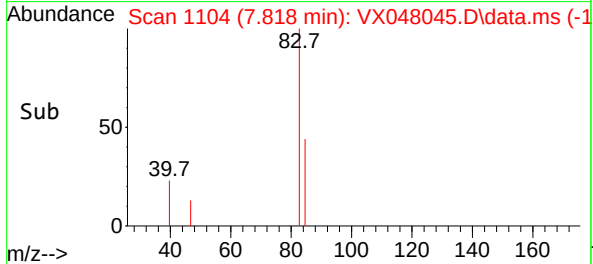
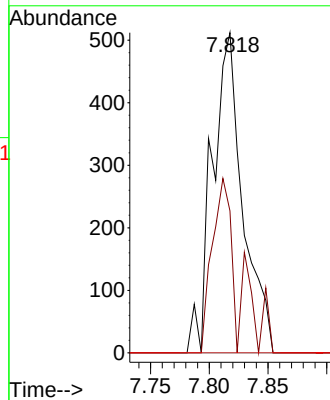
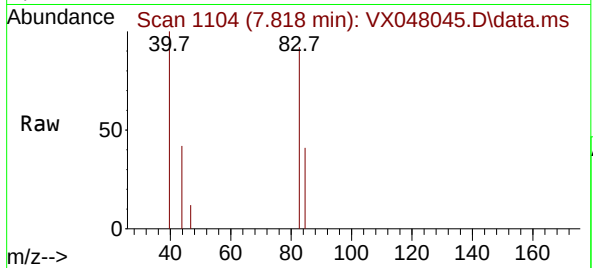
Tgt Ion: 83 Resp: 924

Ion Ratio Lower Upper

83 100

85 44.3 52.5 78.7#

127 0.0 6.9 10.3#



#50

Toluene-d8

Concen: 47.973 ug/l

RT: 8.635 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX048045.D

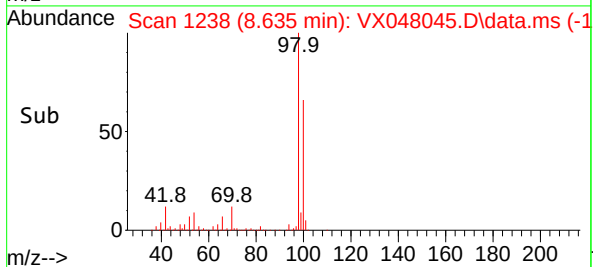
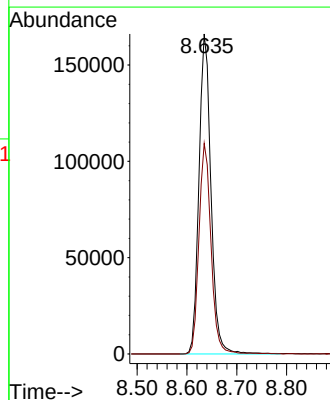
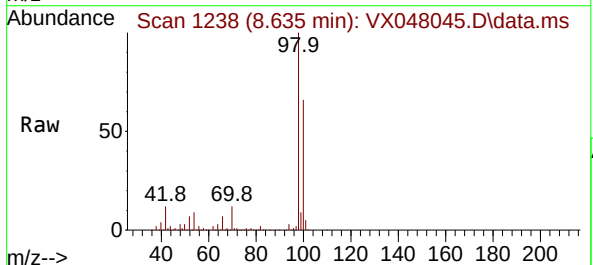
Acq: 07 Oct 2025 12:20

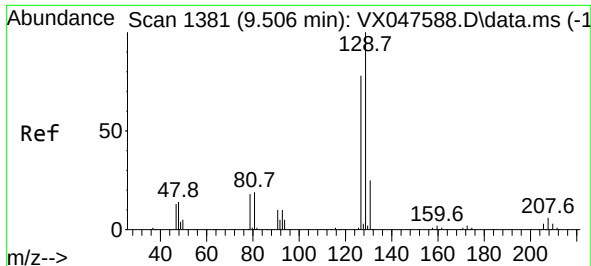
Tgt Ion: 98 Resp: 277921

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4

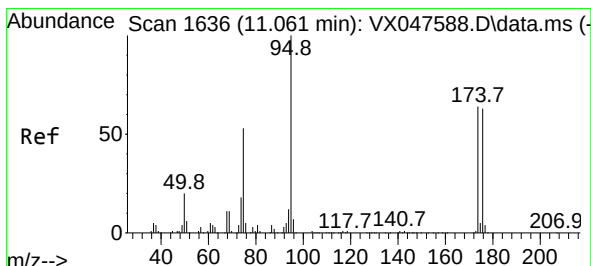
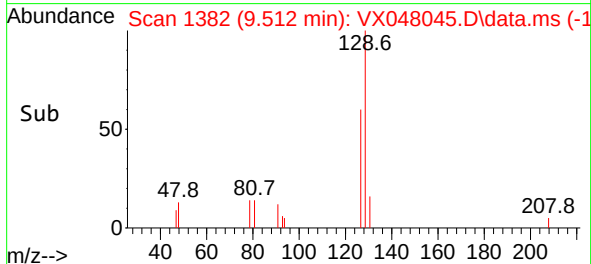
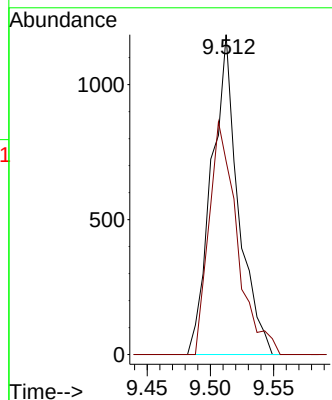
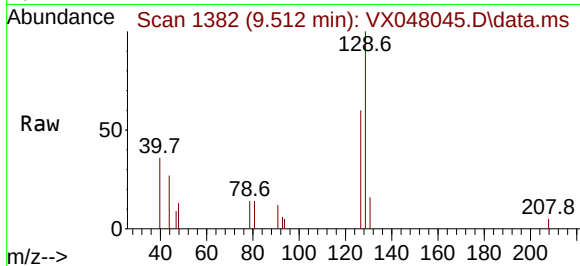




#60
Dibromochloromethane
Concen: 0.857 ug/l
RT: 9.512 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

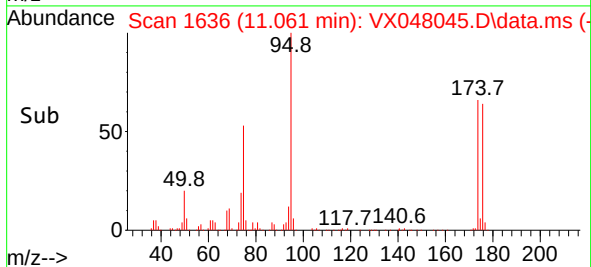
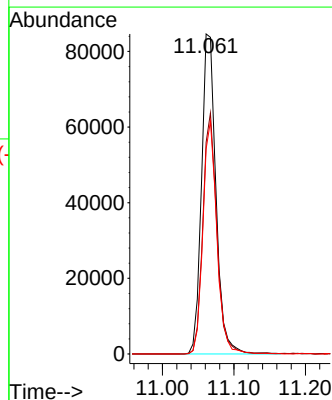
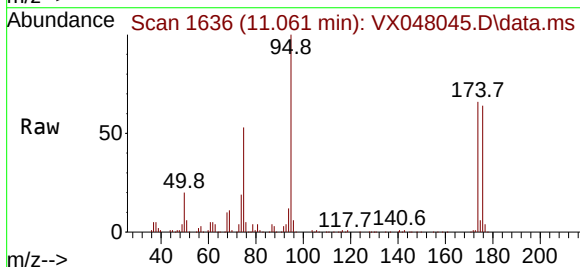
Instrument :
MSVOA_X
ClientSampleId :
VPB184-HYD-20251003

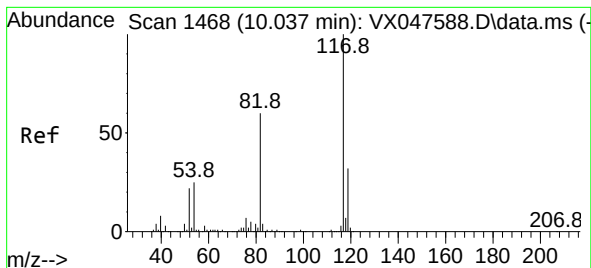
Tgt Ion:129 Resp: 1744
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2



#62
4-Bromofluorobenzene
Concen: 54.009 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048045.D
Acq: 07 Oct 2025 12:20

Tgt Ion: 95 Resp: 118749
Ion Ratio Lower Upper
95 100
174 72.9 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: VX048045.D

Acq: 07 Oct 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

VPB184-HYD-20251003

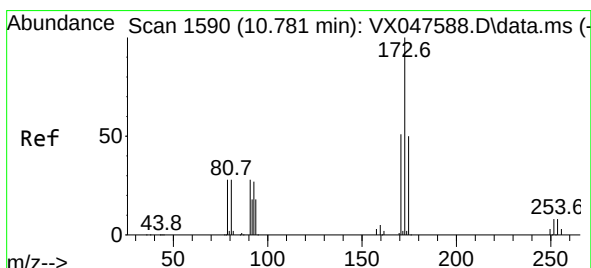
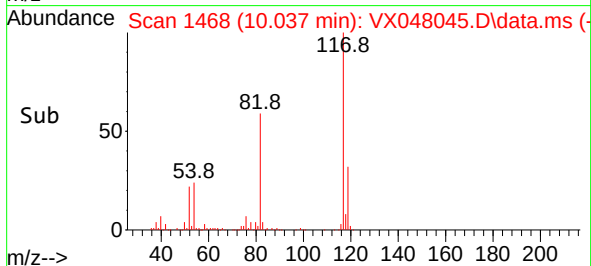
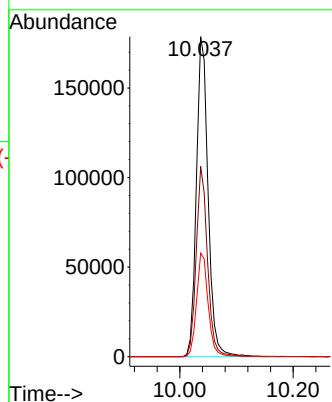
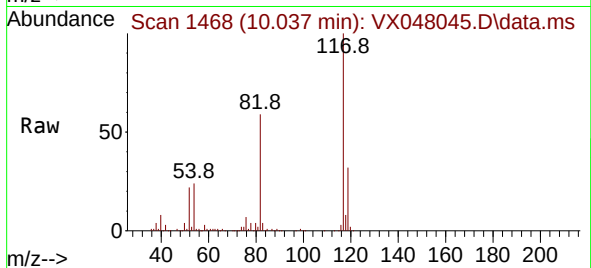
Tgt Ion:117 Resp: 255281

Ion Ratio Lower Upper

117 100

82 59.5 47.8 71.6

119 32.4 25.2 37.8



#71

Bromoform

Concen: 0.569 ug/l

RT: 10.787 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VX048045.D

Acq: 07 Oct 2025 12:20

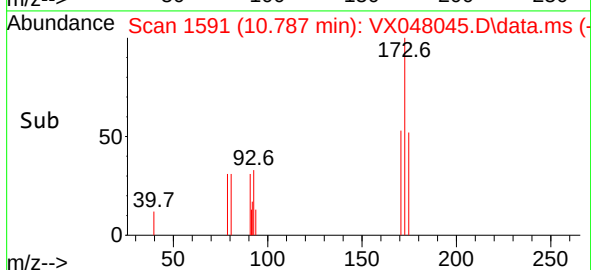
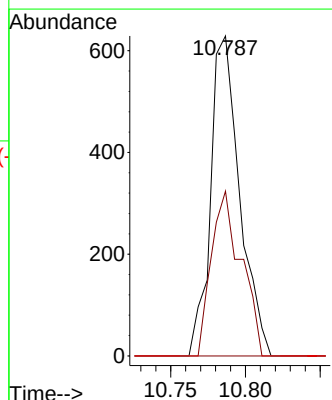
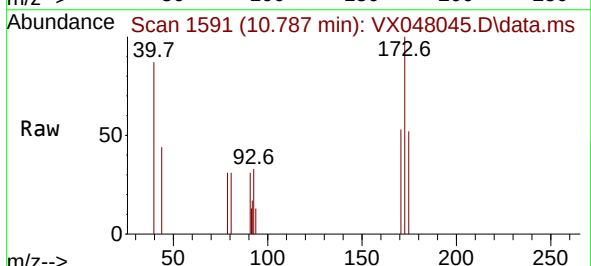
Tgt Ion:173 Resp: 851

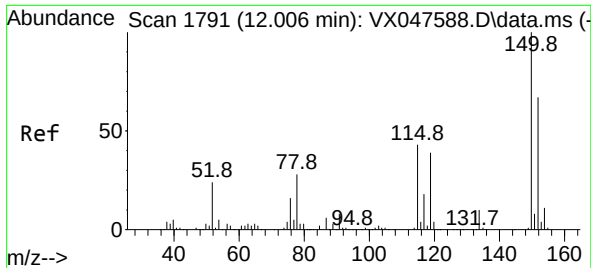
Ion Ratio Lower Upper

173 100

175 52.6 24.9 74.6

254 0.0 0.1 0.1#

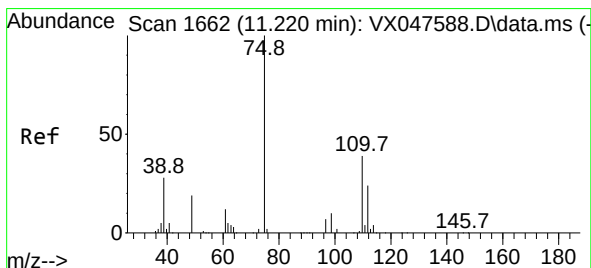
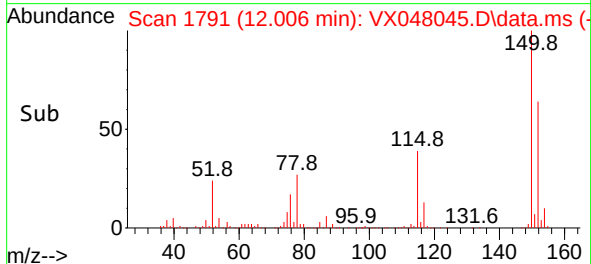
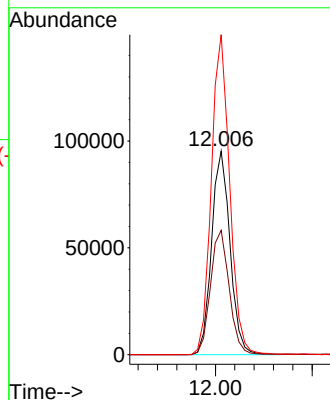
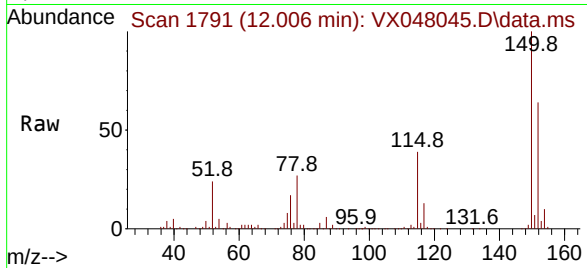




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048045.D
 Acq: 07 Oct 2025 12:20

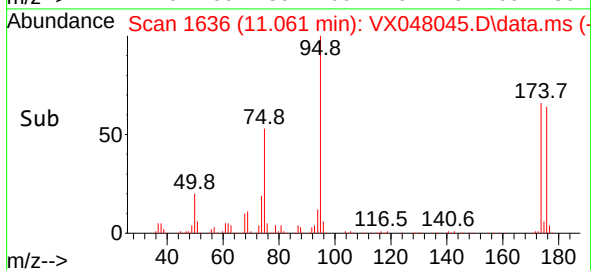
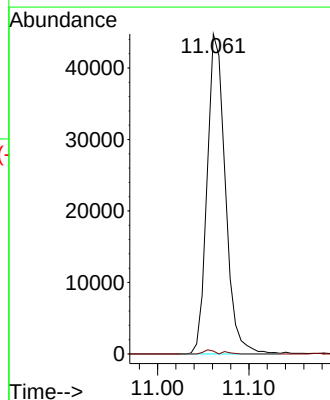
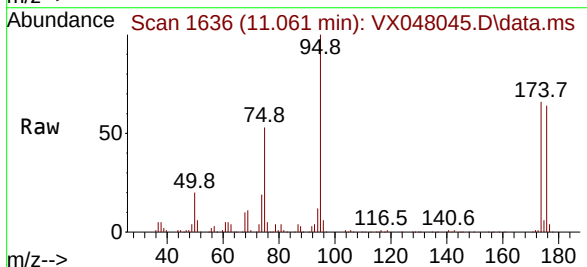
Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251003

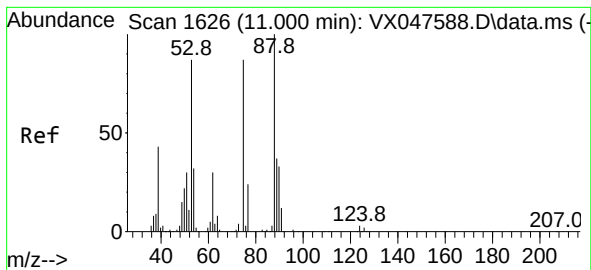
Tgt Ion:152 Resp: 126158
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.9 134.5
 150 156.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.149 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048045.D
 Acq: 07 Oct 2025 12:20

Tgt Ion: 75 Resp: 61685
 Ion Ratio Lower Upper
 75 100
 77 0.7 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.584 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048045.D
 Acq: 07 Oct 2025 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VPB184-HYD-20251003

Tgt Ion: 75 Resp: 61685
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

