

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
 Data File : VX048088.D
 Acq On : 09 Oct 2025 15:42
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 10 01:26:31 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	152762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	315518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	318434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	155266	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124346	51.138	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.280%
35) Dibromofluoromethane	5.373	113	105890	50.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.080%
50) Toluene-d8	8.634	98	366109	50.002	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.000%
62) 4-Bromofluorobenzene	11.061	95	154304	55.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.060%

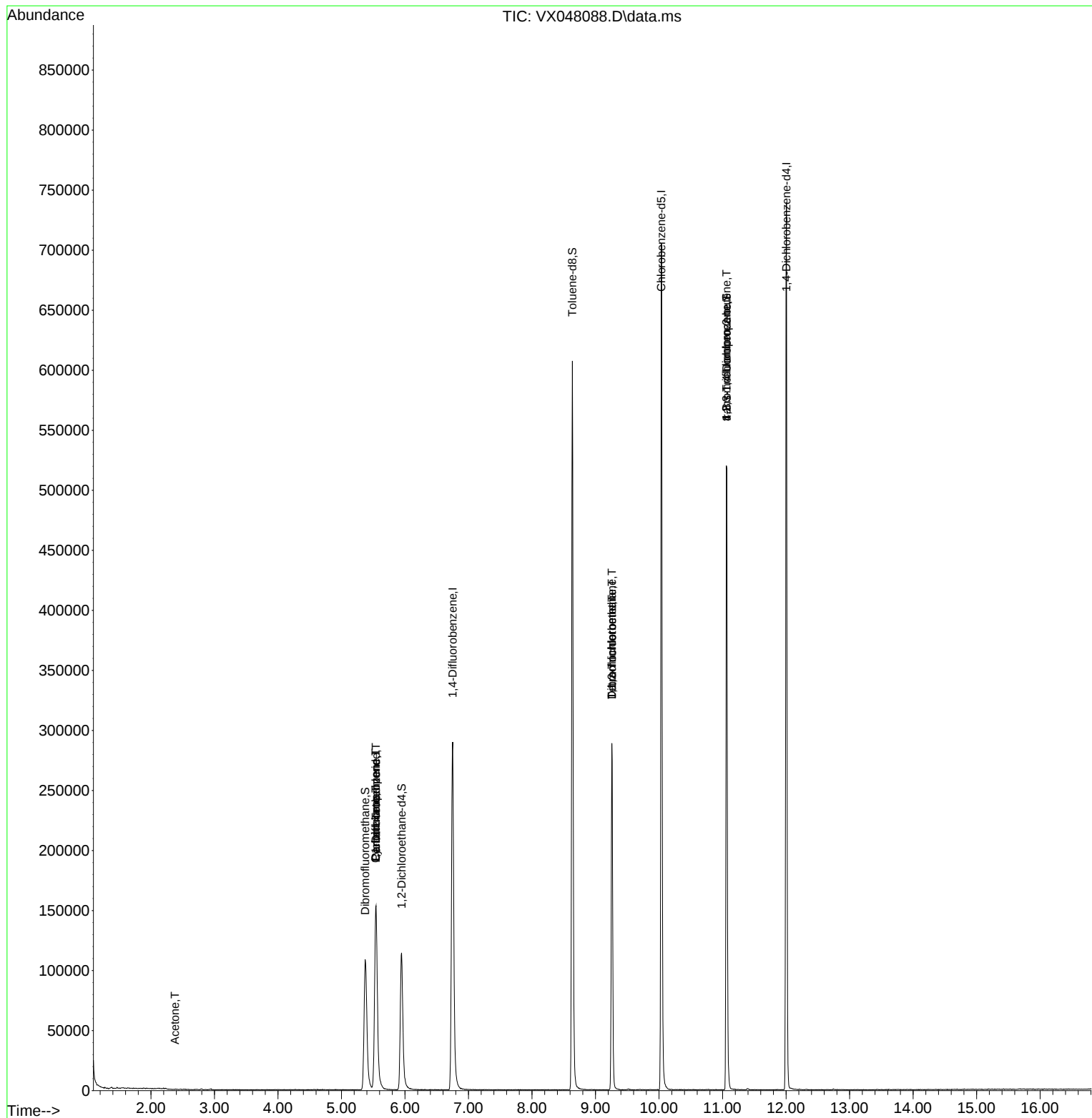
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.380	43	390	0.369	ug/l #	45
31) Cyclohexane	5.537	56	3360	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	13518	4.372	ug/l #	51
38) Carbon Tetrachloride	5.544	117	16791	4.998	ug/l #	18
55) 1,1,2-Trichloroethane	9.256	97	545	0.244	ug/l #	29
60) Dibromochloromethane	9.256	129	55066	21.421	ug/l #	11
64) Tetrachloroethene	9.256	164	55250	26.616	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	81679	25.982	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	81679	66.258	ug/l #	8

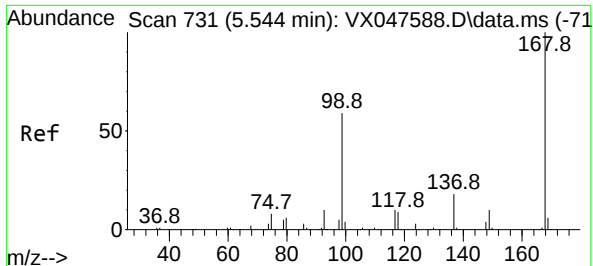
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100925\
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IBLK

Quant Time: Oct 10 01:26:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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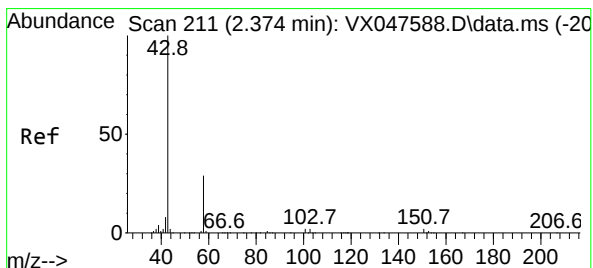
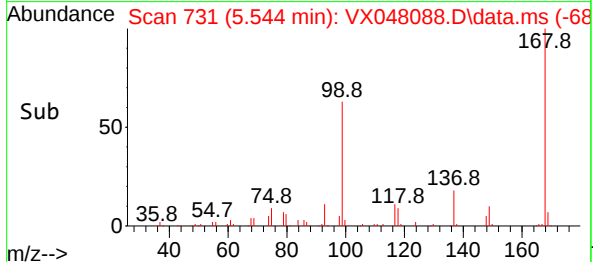
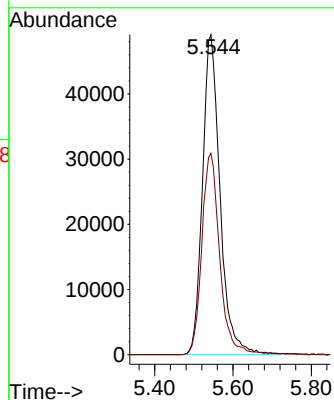
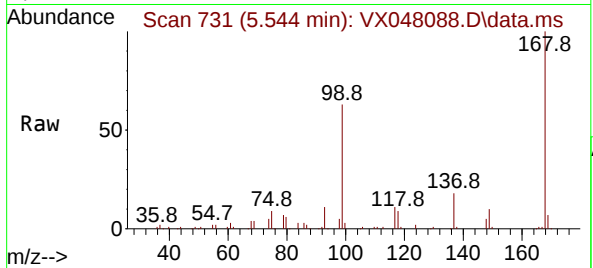




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

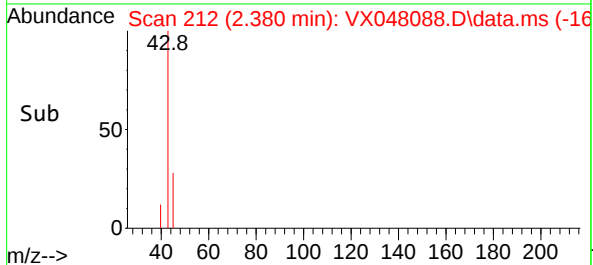
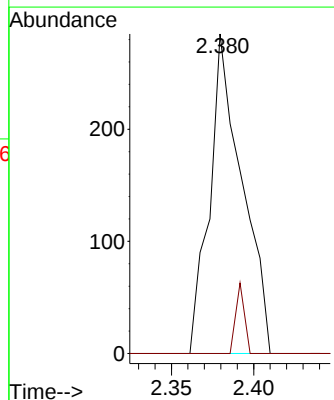
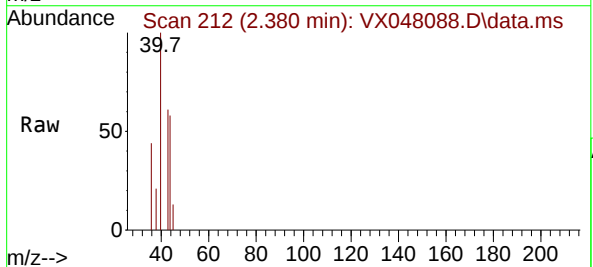
Instrument :
MSVOA_X
ClientSampleId :
IBLK

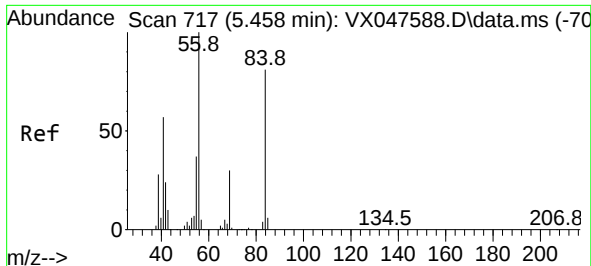
Tgt Ion:168 Resp: 152762
Ion Ratio Lower Upper
168 100
99 62.9 48.8 73.2



#16
Acetone
Concen: 0.369 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#

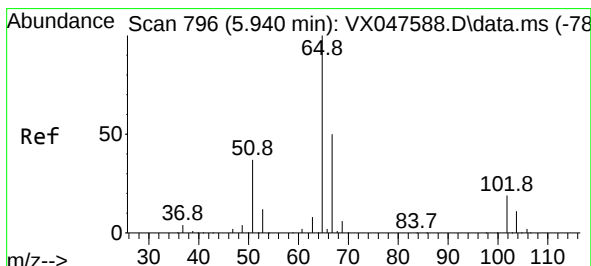
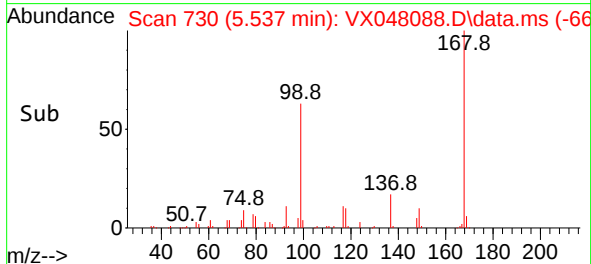
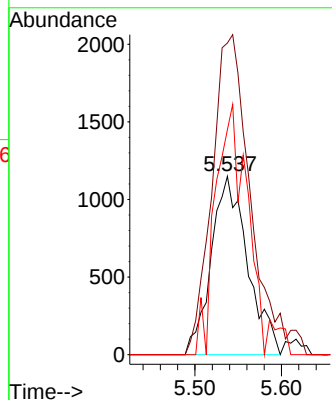
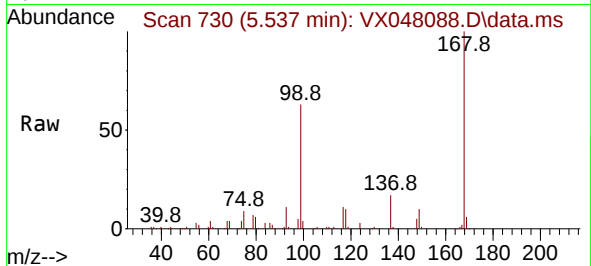




#31
Cyclohexane
Concen: 1.046 ug/l
RT: 5.537 min Scan# 717
Delta R.T. 0.079 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

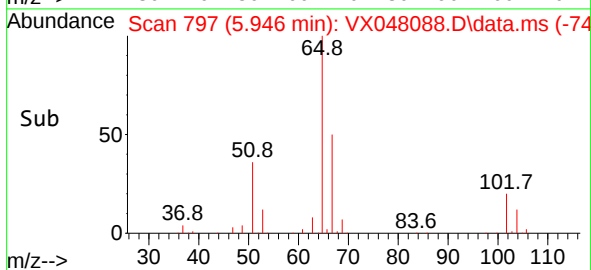
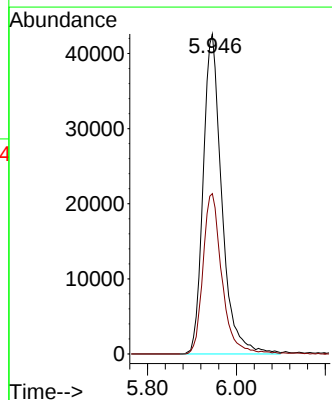
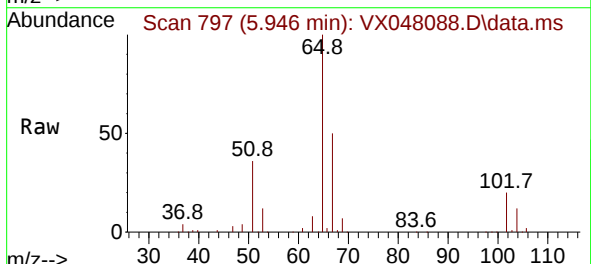
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 56 Resp: 3360
Ion Ratio Lower Upper
56 100
69 174.6 23.8 35.8#
84 126.1 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 51.138 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

Tgt Ion: 65 Resp: 124346
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0

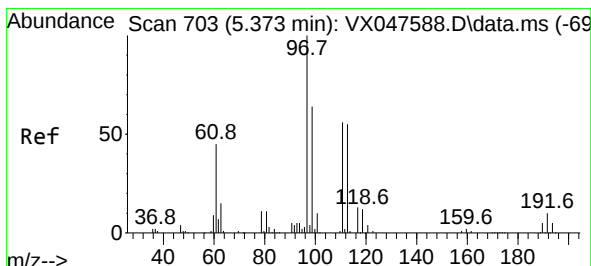
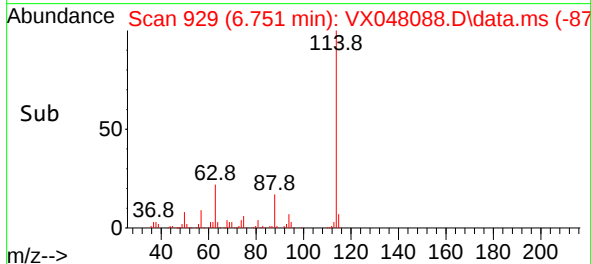
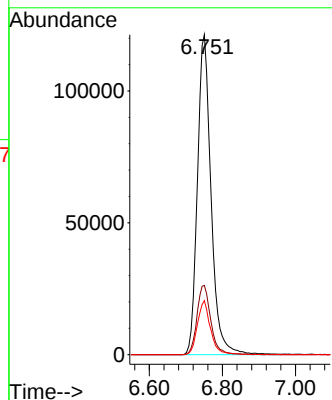
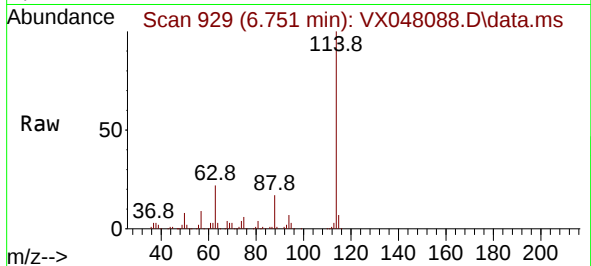




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

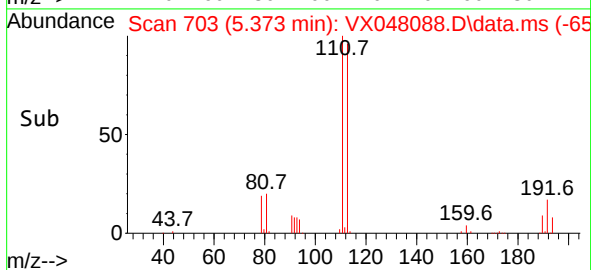
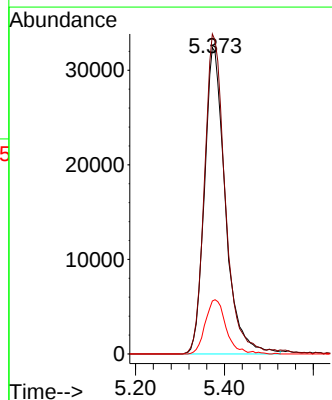
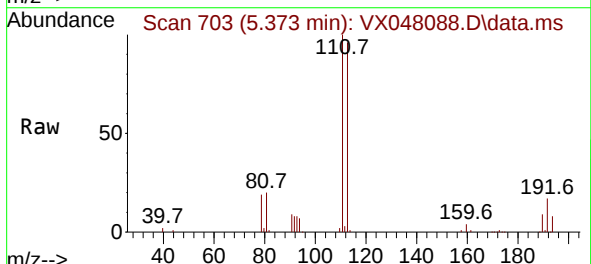
Instrument :
MSVOA_X
ClientSampleId :
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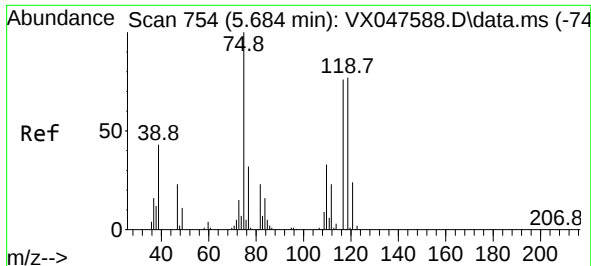
Tgt Ion:114 Resp: 315518
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.042 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

Tgt Ion:113 Resp: 105890
Ion Ratio Lower Upper
113 100
111 103.1 80.9 121.3
192 17.7 14.2 21.4

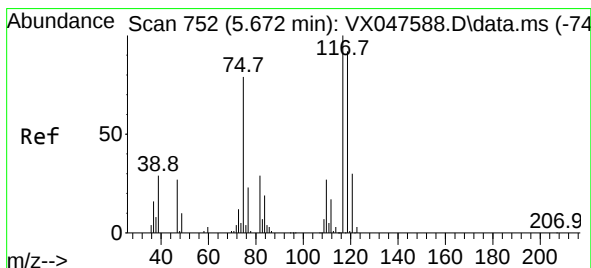
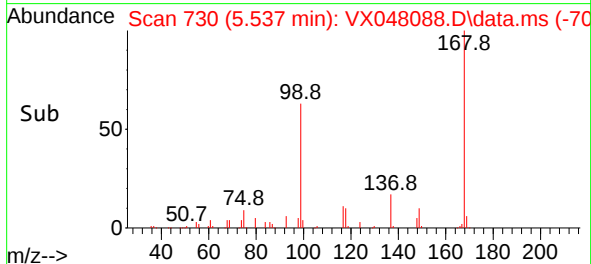
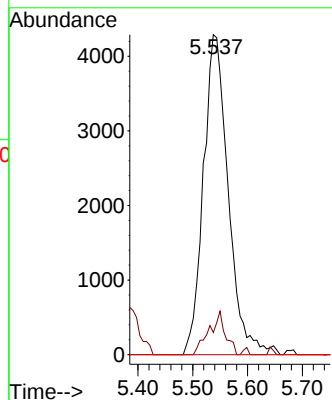
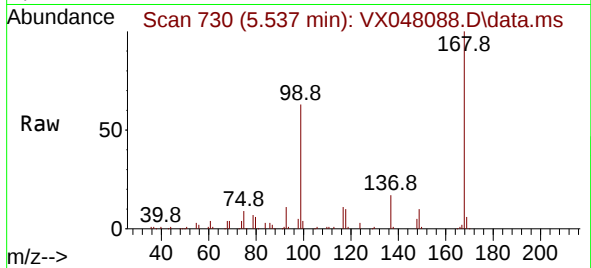




#36
 1,1-Dichloropropene
 Concen: 4.372 ug/l
 RT: 5.537 min Scan# 711
 Delta R.T. -0.147 min
 Lab File: VX048088.D
 Acq: 09 Oct 2025 15:42

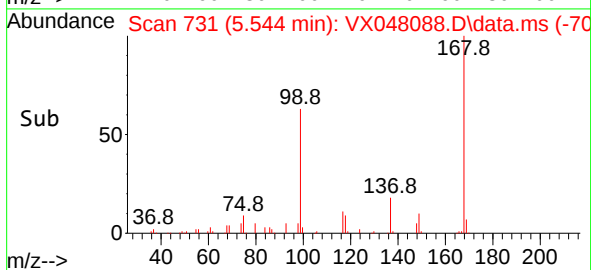
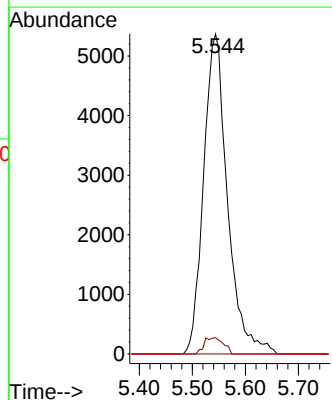
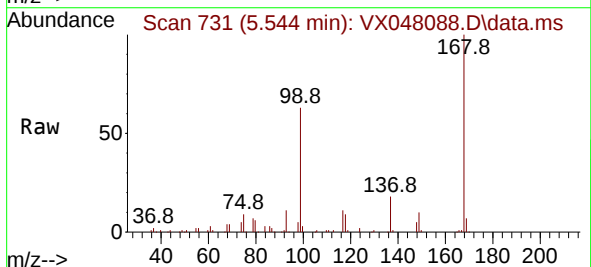
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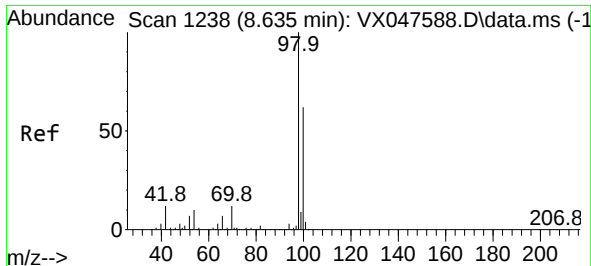
Tgt Ion: 75 Resp: 13518
 Ion Ratio Lower Upper
 75 100
 110 9.0 16.7 50.1#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 4.998 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX048088.D
 Acq: 09 Oct 2025 15:42

Tgt Ion: 117 Resp: 16791
 Ion Ratio Lower Upper
 117 100
 119 5.1 73.4 110.2#
 121 0.0 23.8 35.6#

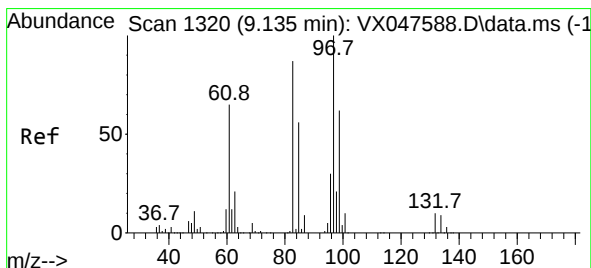
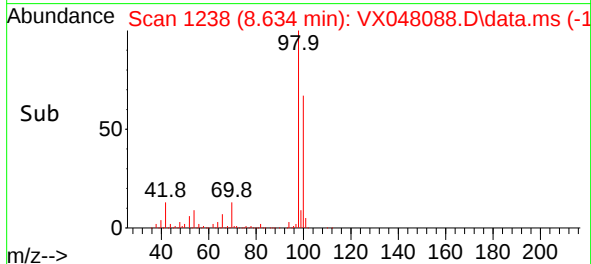
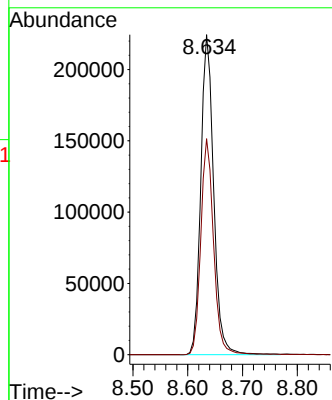
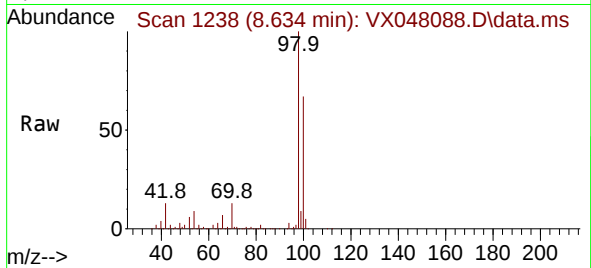




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

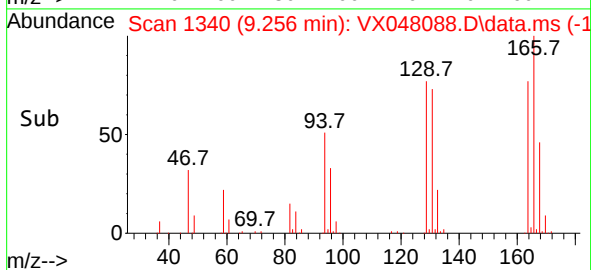
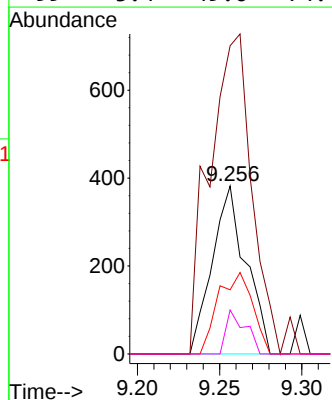
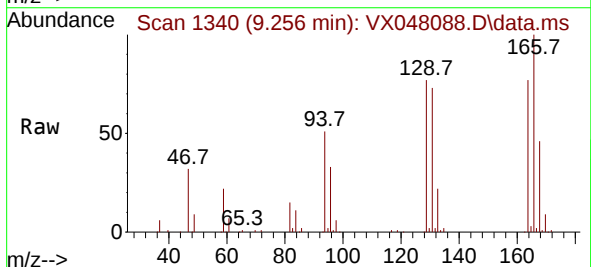
Instrument :
MSVOA_X
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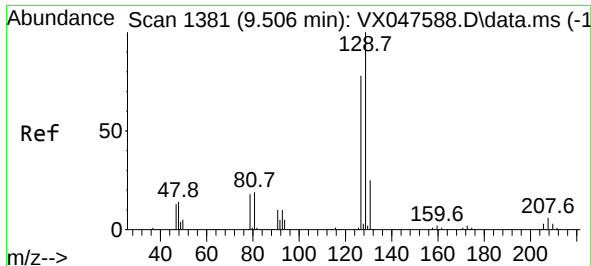
Tgt Ion: 98 Resp: 366109
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4



#55
1,1,2-Trichloroethane
Concen: 0.244 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. 0.122 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

Tgt Ion: 97 Resp: 545
Ion Ratio Lower Upper
97 100
83 23.9 69.6 104.4#
85 5.0 45.0 67.6#
99 3.4 49.6 74.4#

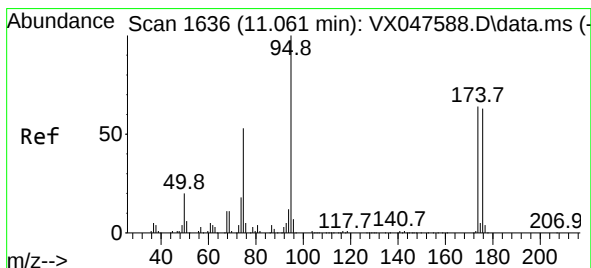
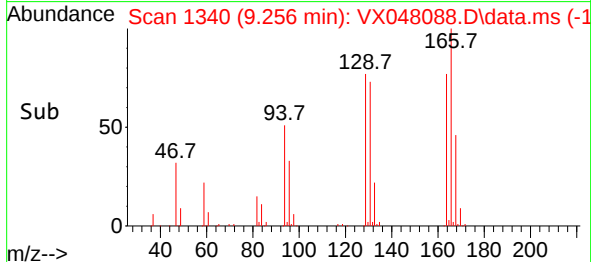
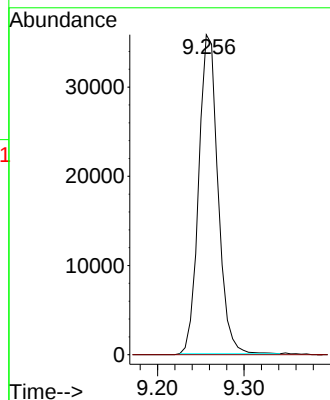
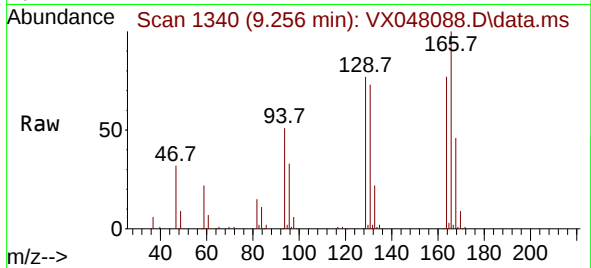




#60
Dibromochloromethane
Concen: 21.421 ug/l
RT: 9.256 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

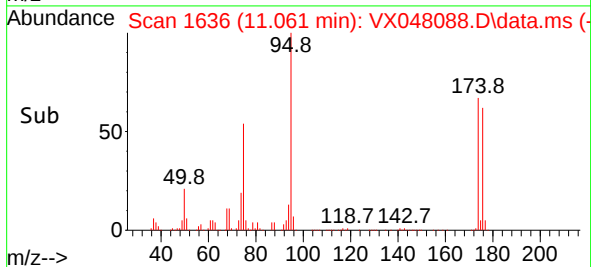
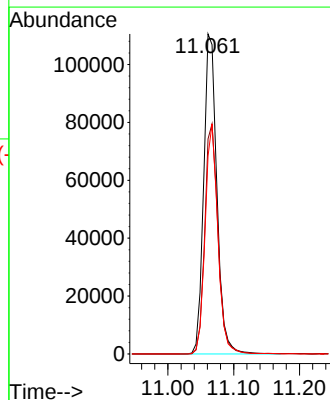
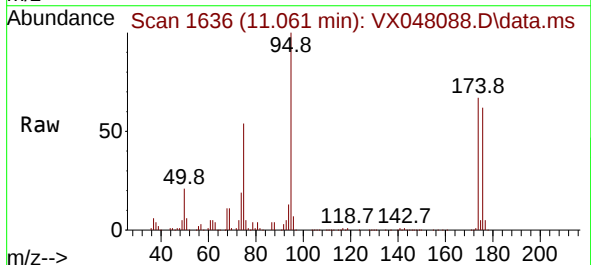
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:129 Resp: 55066
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 55.529 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048088.D
Acq: 09 Oct 2025 15:42

Tgt Ion: 95 Resp: 154304
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.5 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: VX048088.D

Acq: 09 Oct 2025 15:42

Instrument :

MSVOA_X

ClientSampleId :

IBLK

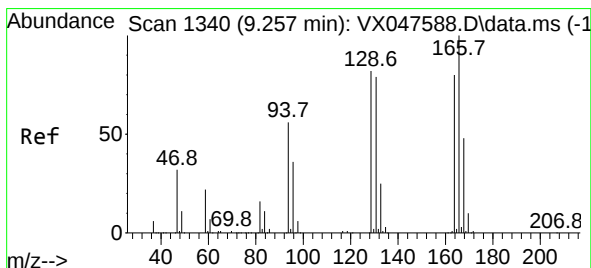
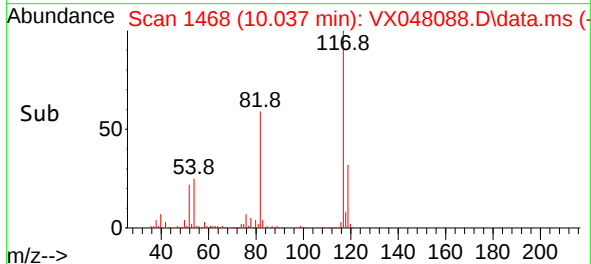
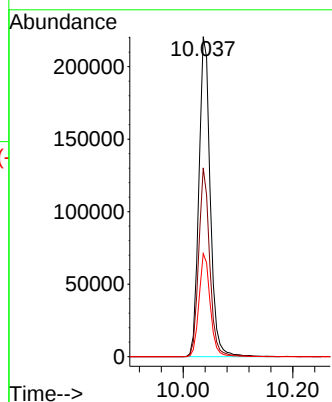
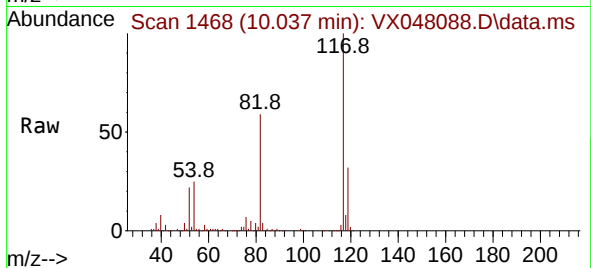
Tgt Ion:117 Resp: 318434

Ion Ratio Lower Upper

117 100

82 59.0 47.8 71.6

119 32.2 25.2 37.8



#64

Tetrachloroethene

Concen: 26.616 ug/l

RT: 9.256 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VX048088.D

Acq: 09 Oct 2025 15:42

Tgt Ion:164 Resp: 55250

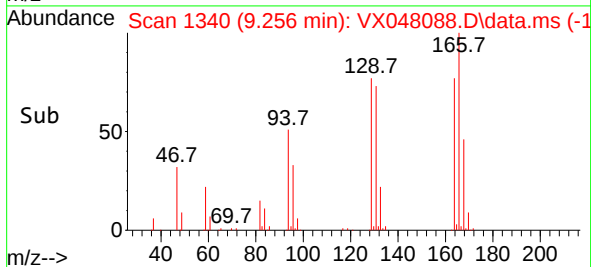
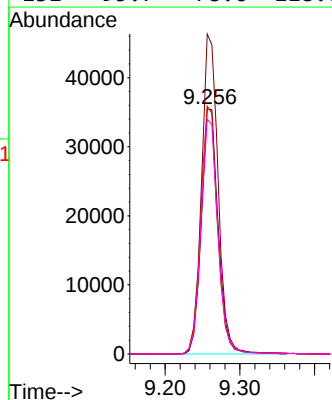
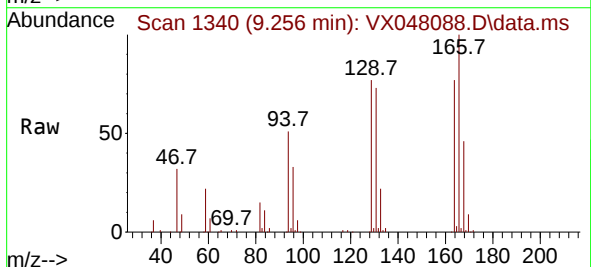
Ion Ratio Lower Upper

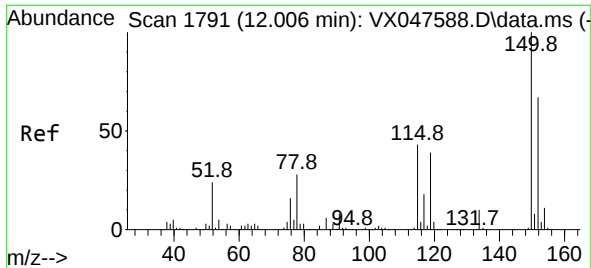
164 100

166 130.4 100.2 150.2

129 101.0 81.8 122.6

131 95.7 78.6 118.0

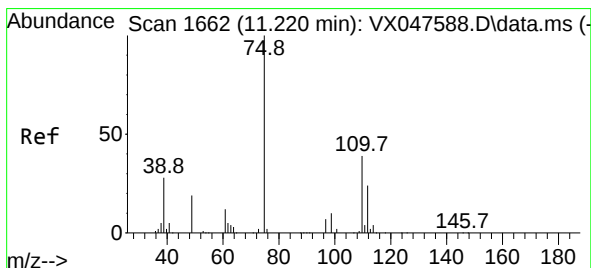
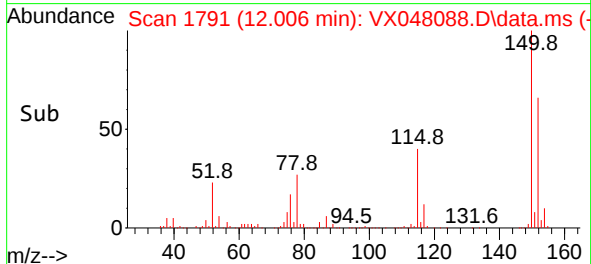
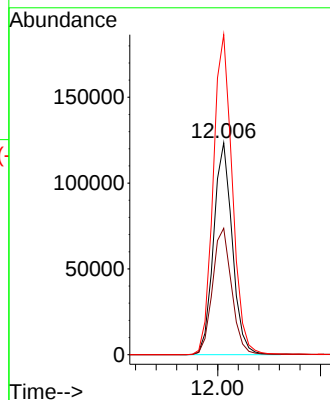
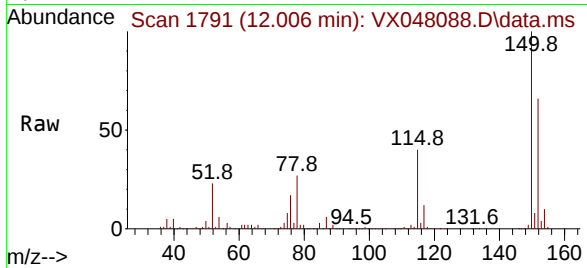




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048088.D
 Acq: 09 Oct 2025 15:42

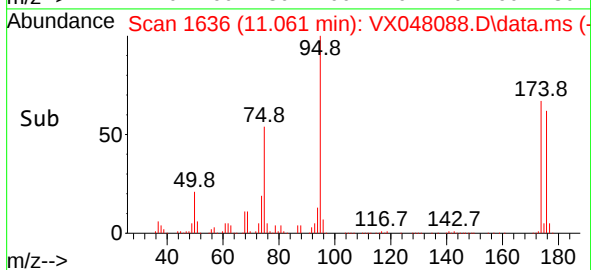
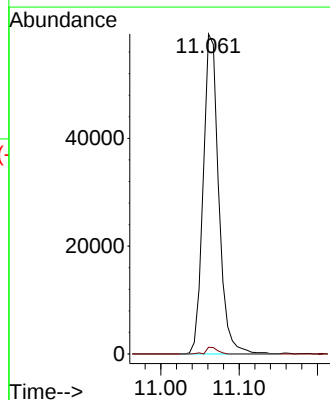
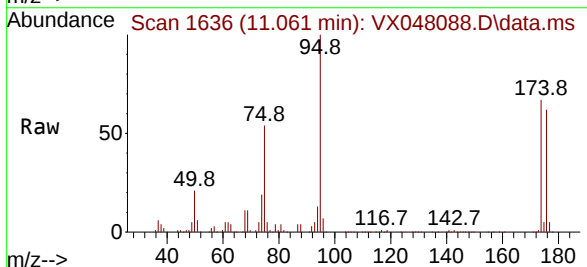
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

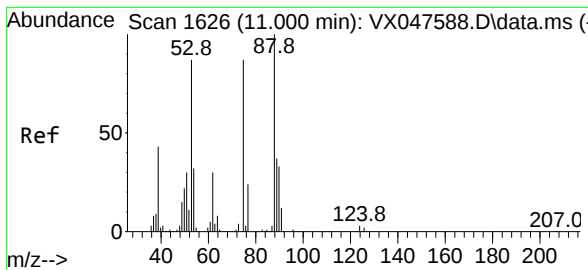
Tgt Ion:152 Resp: 155266
 Ion Ratio Lower Upper
 152 100
 115 61.4 44.9 134.5
 150 155.3 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 25.982 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048088.D
 Acq: 09 Oct 2025 15:42

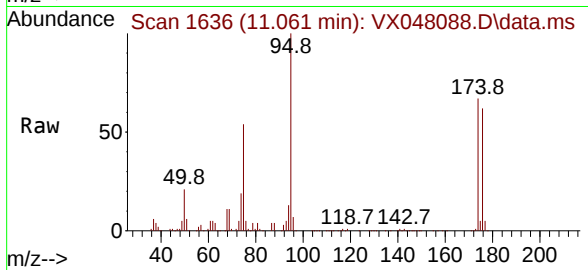
Tgt Ion: 75 Resp: 81679
 Ion Ratio Lower Upper
 75 100
 77 1.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.258 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048088.D
 Acq: 09 Oct 2025 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 81679
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

