

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047159.D
 Acq On : 28 Jul 2025 12:20
 Operator : JC/MD
 Sample : Q2693-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 29 02:15:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	303849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	541367	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	484958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	187065	49.423	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.397	113	161741	48.388	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.780%
50) Toluene-d8	8.647	98	494526	45.684	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.360%#
62) 4-Bromofluorobenzene	11.079	95	227868	48.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.700%

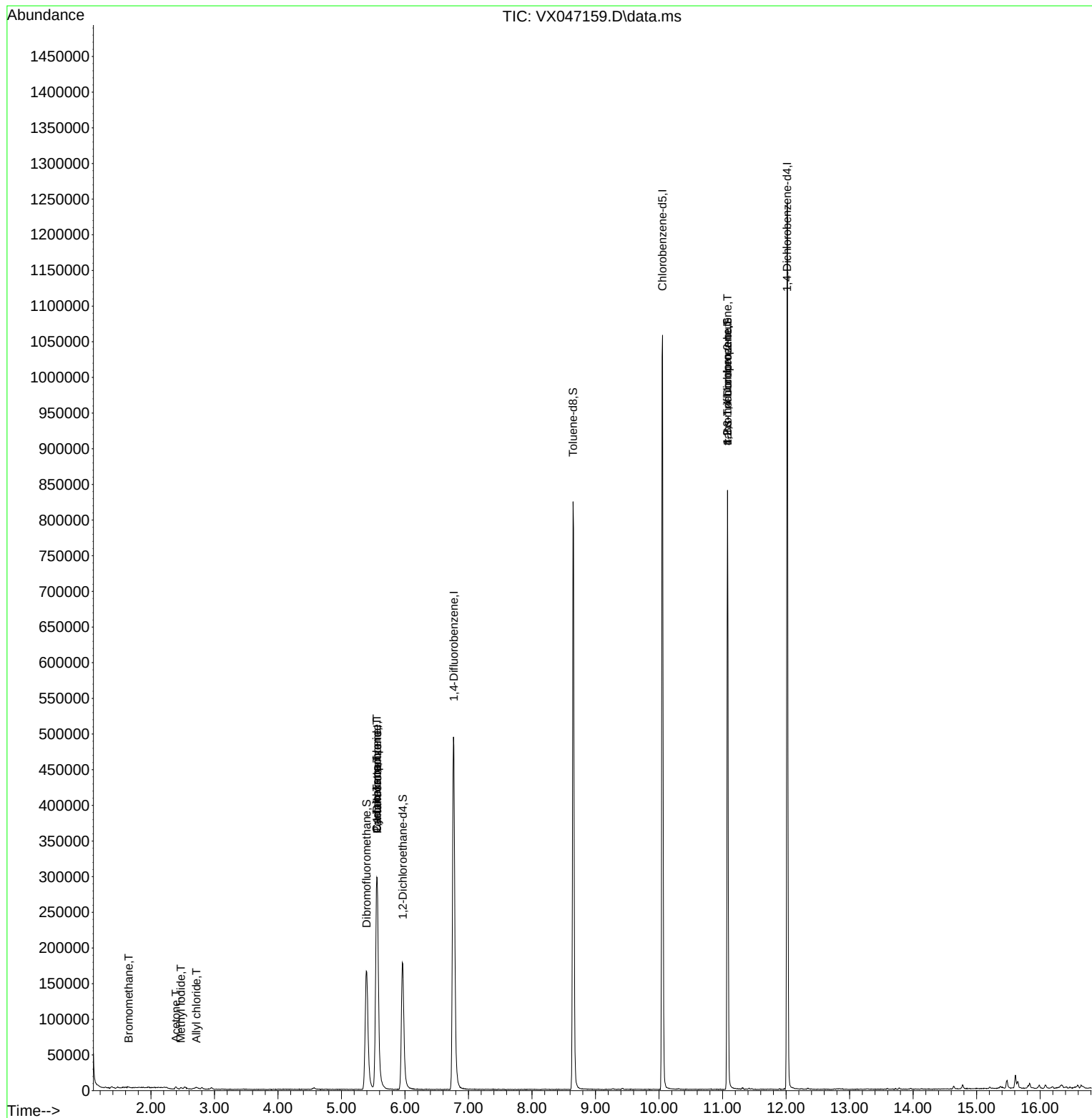
Target Compounds					Qvalue	
5) Bromomethane	1.648	94	720	0.309	ug/l #	52
10) Methyl Iodide	2.471	142	2705	0.688	ug/l #	50
11) Tert butyl alcohol	2.965	59	351	Below Cal	#	72
14) Allyl chloride	2.715	41	5447	0.789	ug/l #	38
16) Acetone	2.392	43	4180	2.757	ug/l #	75
31) Cyclohexane	5.556	56	6586	0.931	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	25868	4.540	ug/l #	51
38) Carbon Tetrachloride	5.556	117	33441	5.499	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	116828	26.165	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	116828	67.412	ug/l #	8

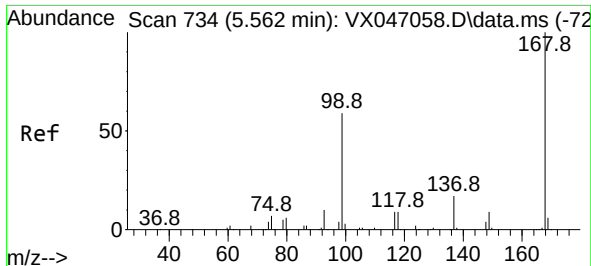
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
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MSVOA_X
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STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 29 02:15:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

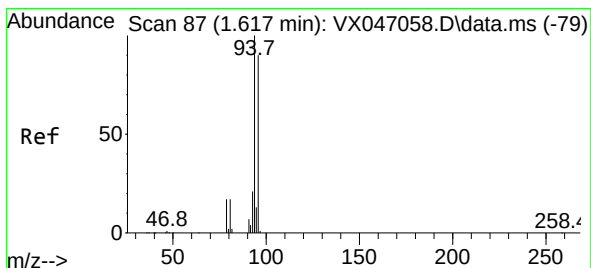
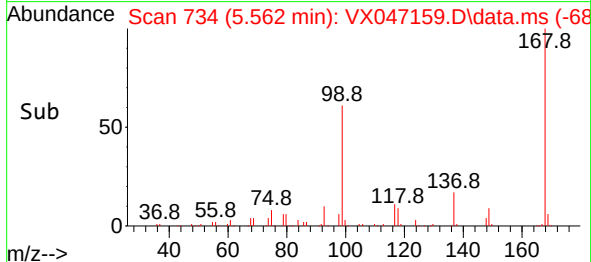
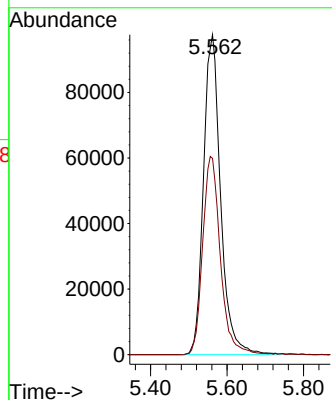
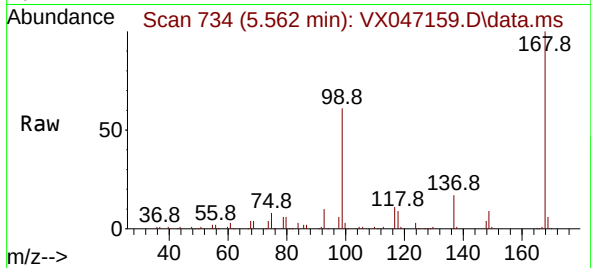




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

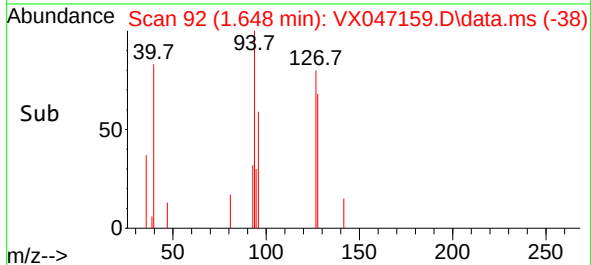
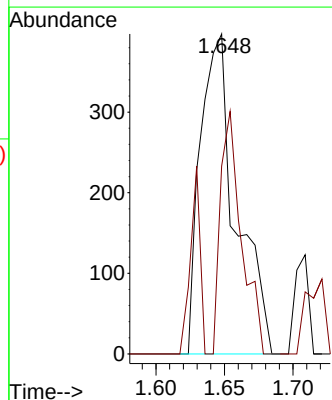
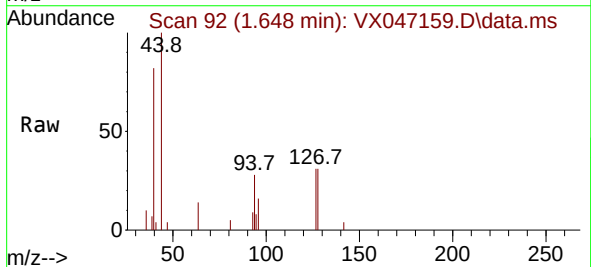
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

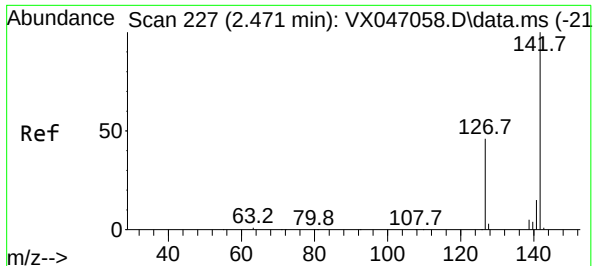
Tgt Ion:168 Resp: 303849
Ion Ratio Lower Upper
168 100
99 61.4 48.0 72.0



#5
Bromomethane
Concen: 0.309 ug/l
RT: 1.648 min Scan# 92
Delta R.T. 0.031 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 94 Resp: 720
Ion Ratio Lower Upper
94 100
96 45.0 72.3 108.5#

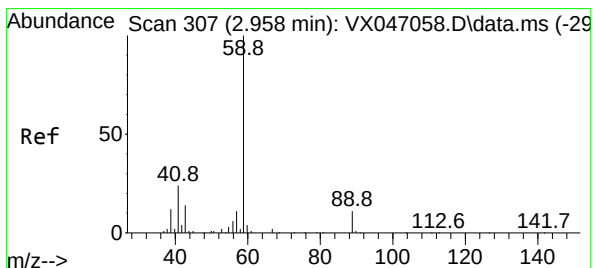
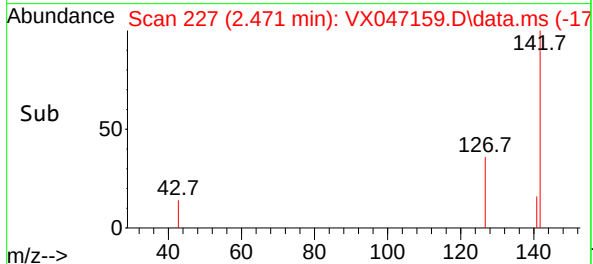
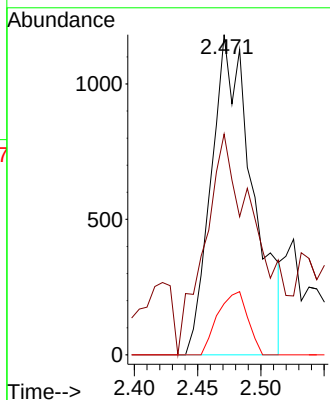
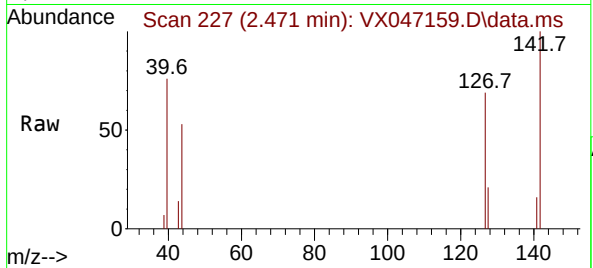




#10
Methyl Iodide
Concen: 0.688 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

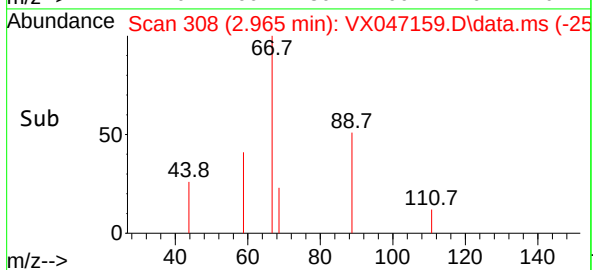
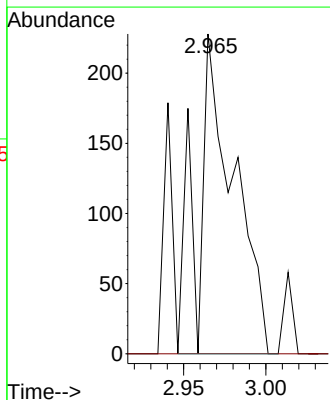
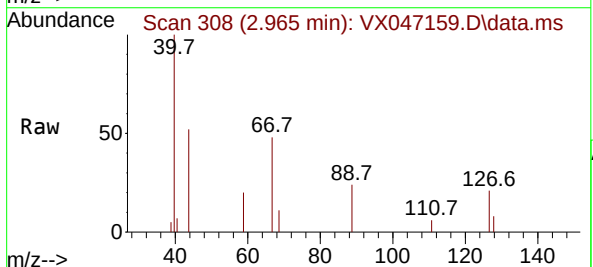
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

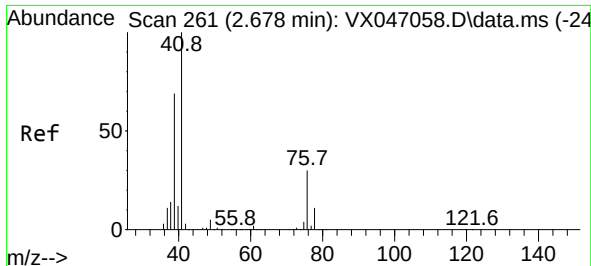
Tgt Ion:142 Resp: 2705
Ion Ratio Lower Upper
142 100
127 87.8 36.6 54.8#
141 14.2 10.9 16.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.007 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

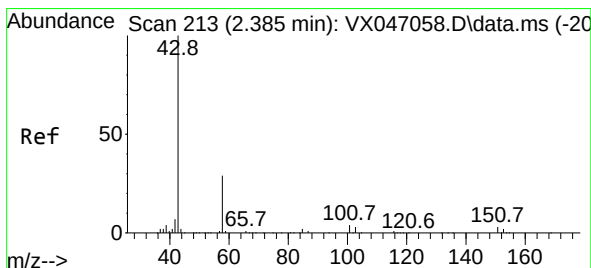
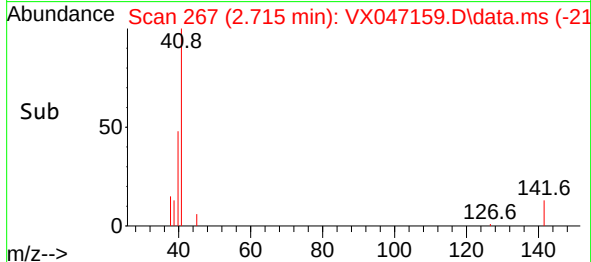
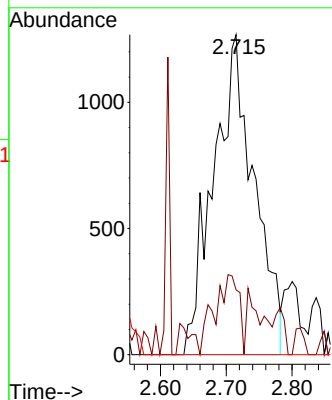
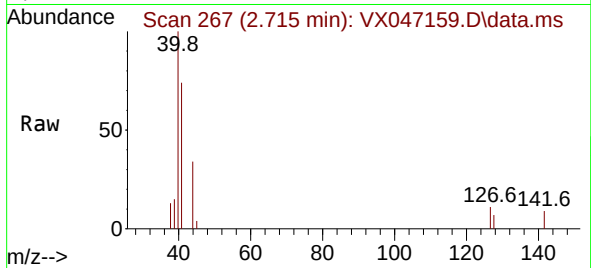




#14
 Allyl chloride
 Concen: 0.789 ug/l
 RT: 2.715 min Scan# 214
 Delta R.T. 0.037 min
 Lab File: VX047159.D
 Acq: 28 Jul 2025 12:20

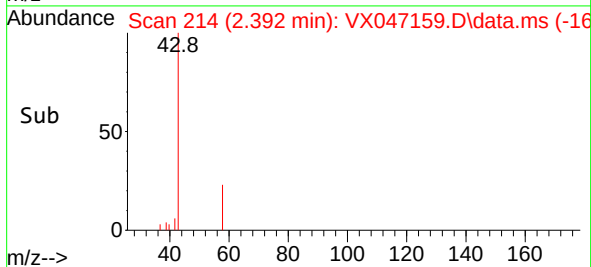
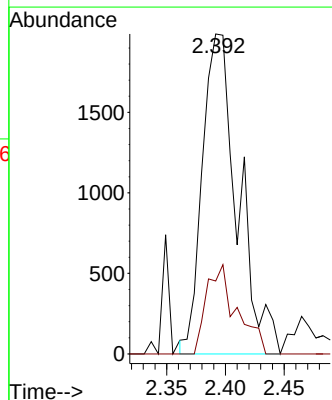
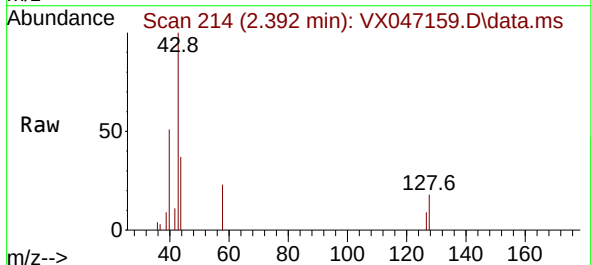
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

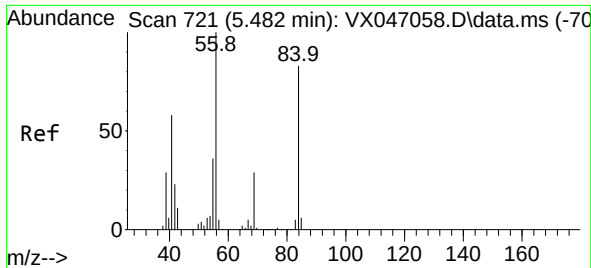
Tgt Ion: 41 Resp: 5447
 Ion Ratio Lower Upper
 41 100
 39 14.9 52.6 78.8#
 76 0.0 25.7 38.5#



#16
 Acetone
 Concen: 2.757 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VX047159.D
 Acq: 28 Jul 2025 12:20

Tgt Ion: 43 Resp: 4180
 Ion Ratio Lower Upper
 43 100
 58 16.6 24.0 36.0#

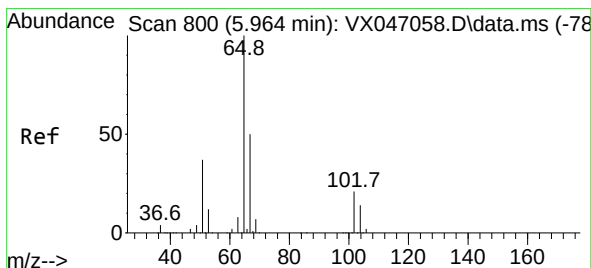
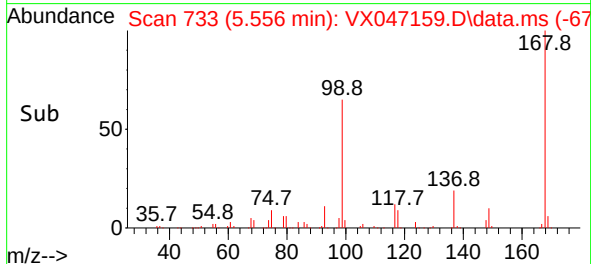
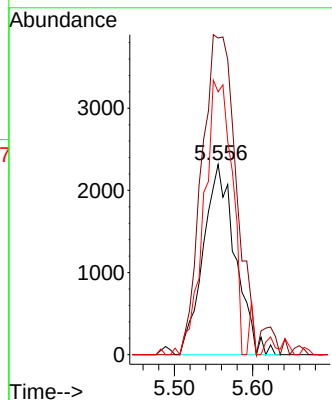
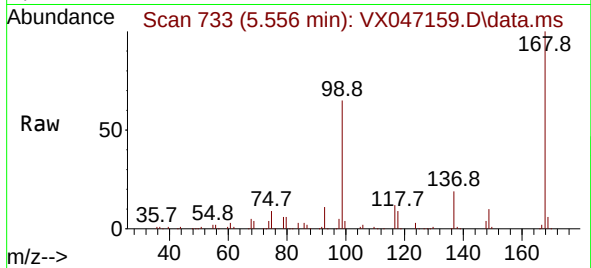




#31
Cyclohexane
Concen: 0.931 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

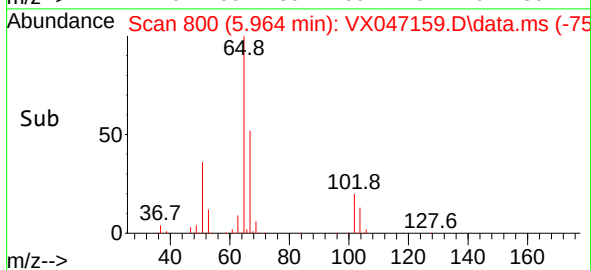
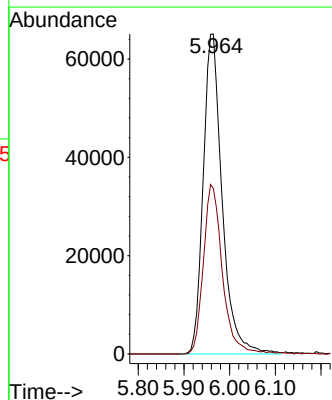
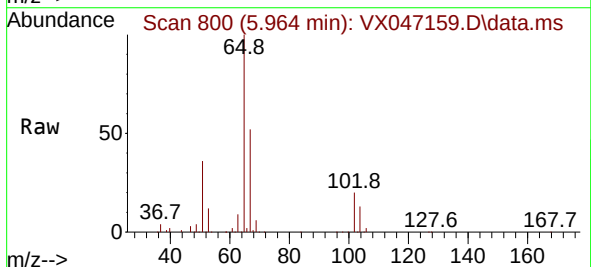
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

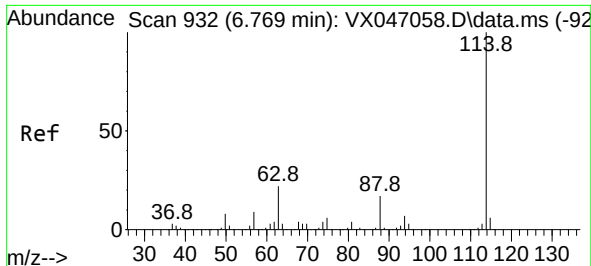
Tgt Ion: 56 Resp: 6586
Ion Ratio Lower Upper
56 100
69 166.5 23.3 34.9#
84 138.2 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 65 Resp: 187065
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.8

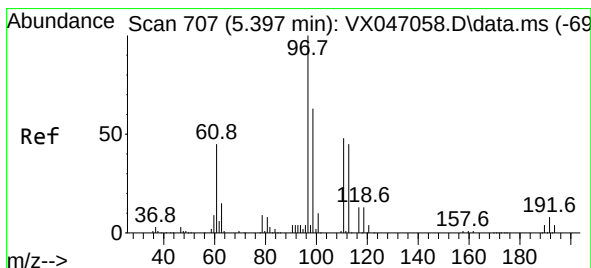
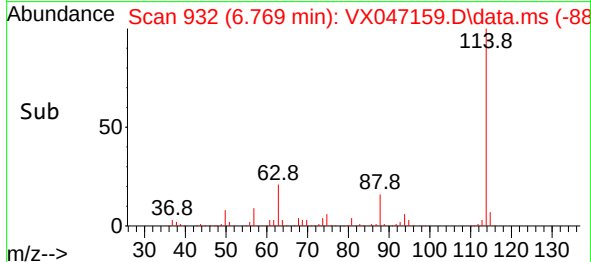
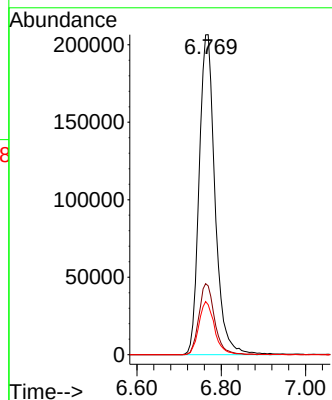
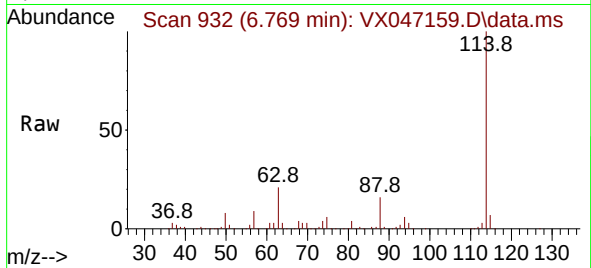




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

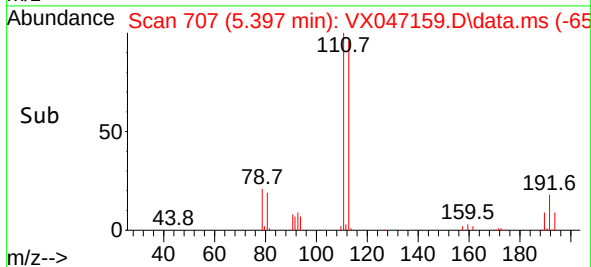
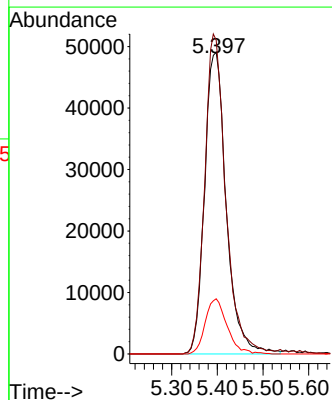
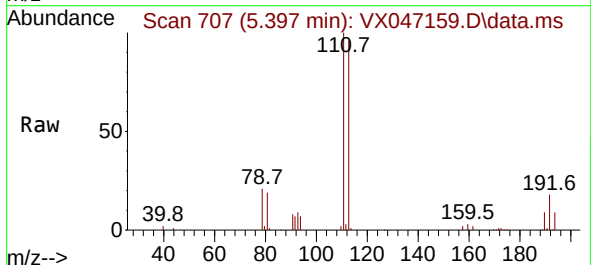
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

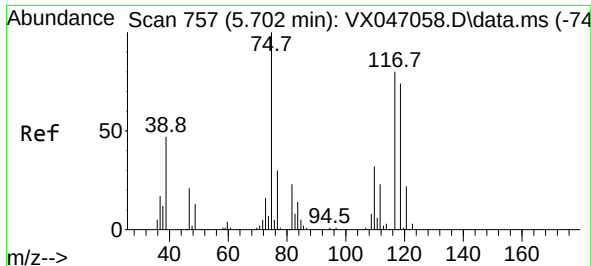
Tgt Ion:114 Resp: 541367
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.6 0.0 33.8



#35
Dibromofluoromethane
Concen: 48.388 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion:113 Resp: 161741
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 18.4 14.9 22.3

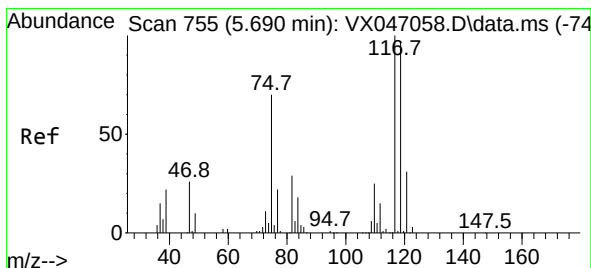
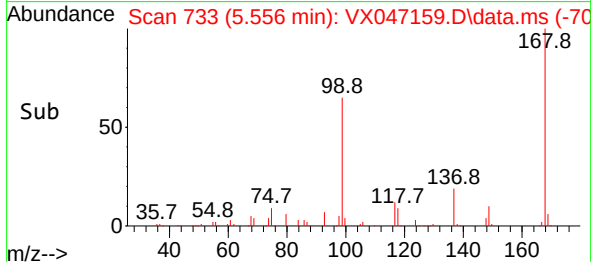
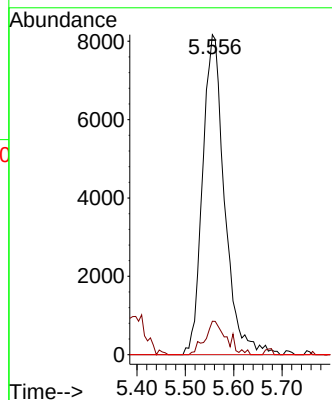
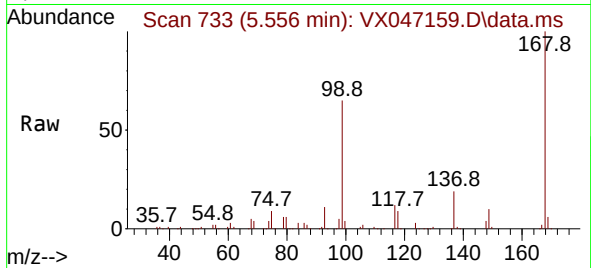




#36
1,1-Dichloropropene
Concen: 4.540 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

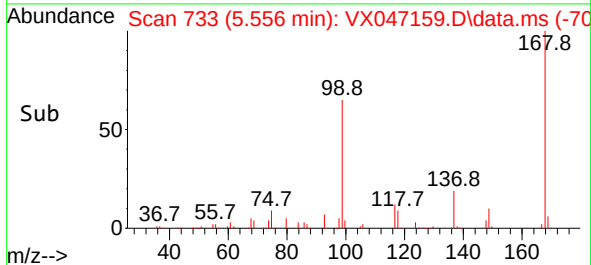
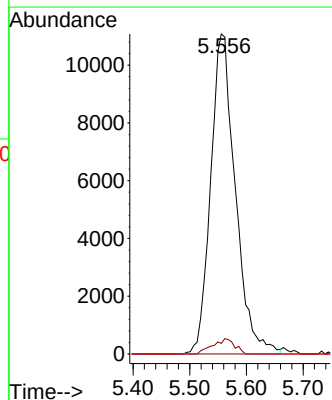
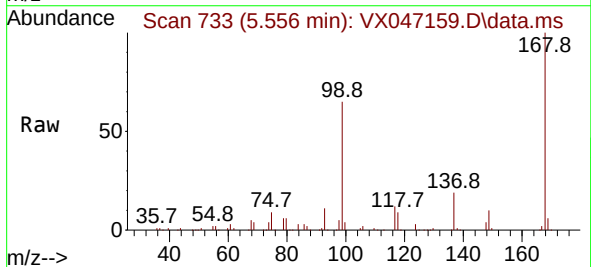
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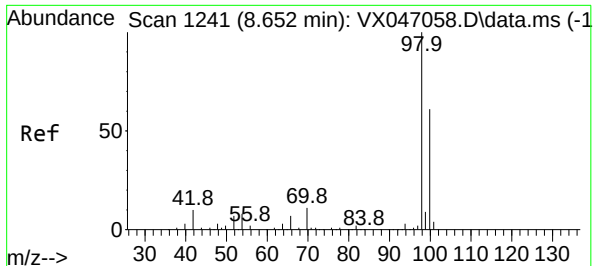
Tgt Ion: 75 Resp: 25868
Ion Ratio Lower Upper
75 100
110 9.8 17.2 51.5#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 117 Resp: 33441
Ion Ratio Lower Upper
117 100
119 3.3 76.6 115.0#
121 0.0 24.4 36.6#

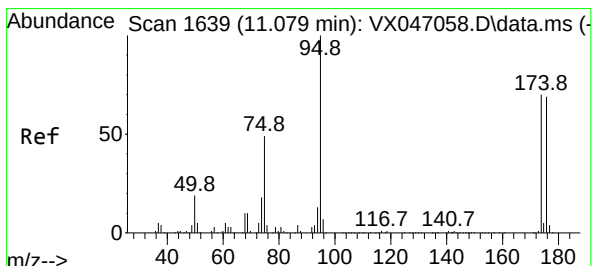
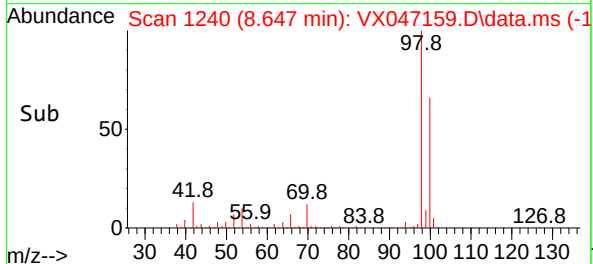
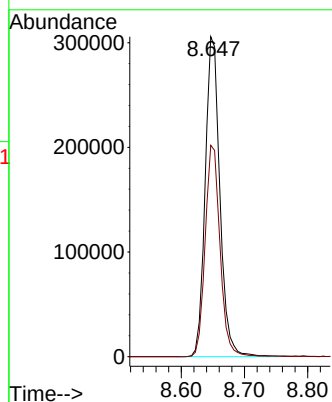
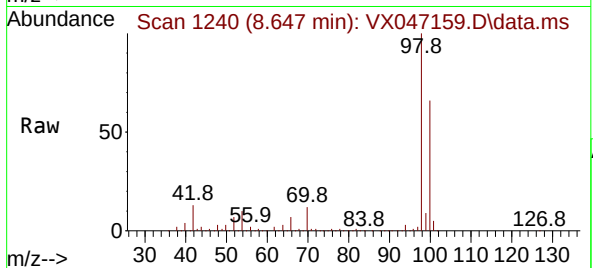




#50
Toluene-d8
Concen: 45.684 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

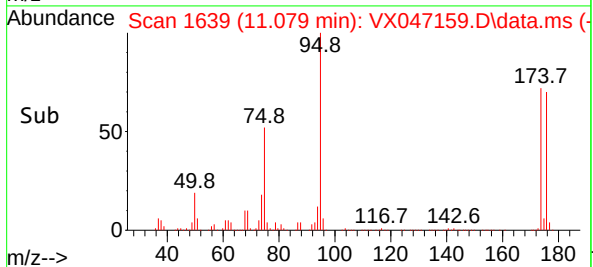
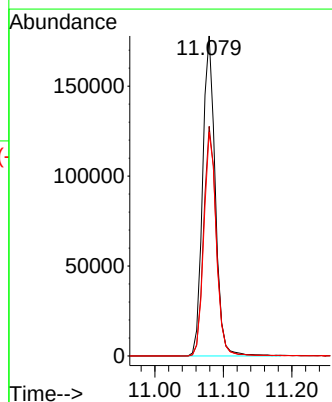
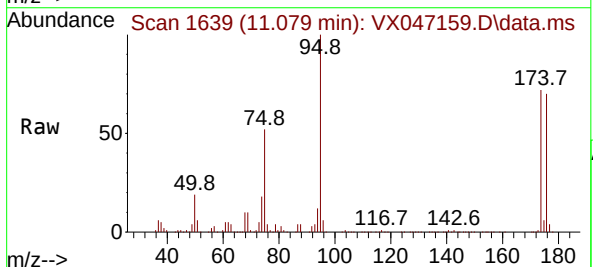
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

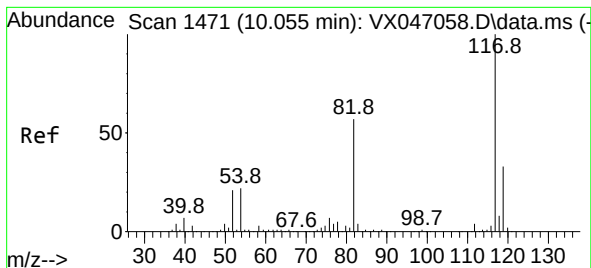
Tgt Ion: 98 Resp: 494526
Ion Ratio Lower Upper
98 100
100 67.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.847 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion: 95 Resp: 227868
Ion Ratio Lower Upper
95 100
174 72.1 0.0 144.6
176 69.2 0.0 139.6

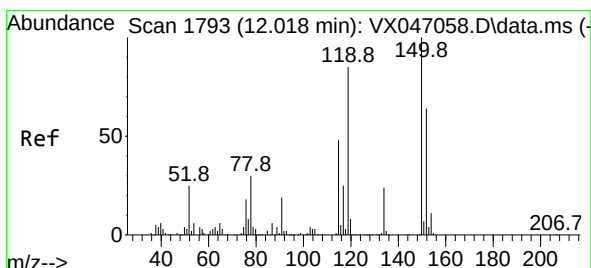
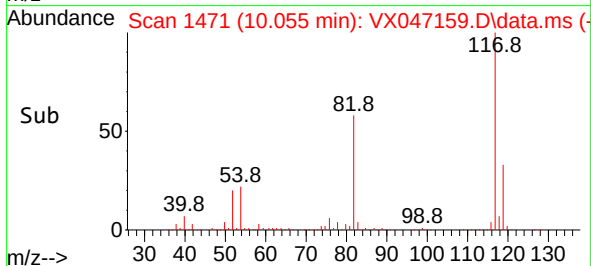
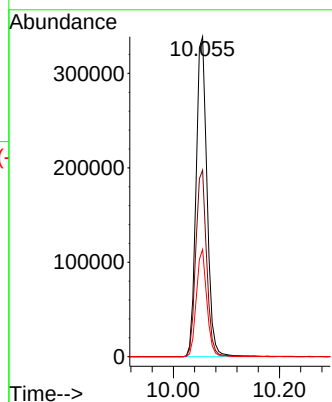
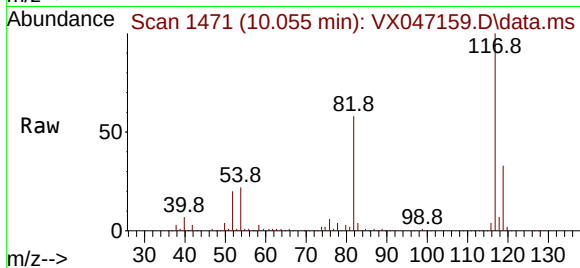




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

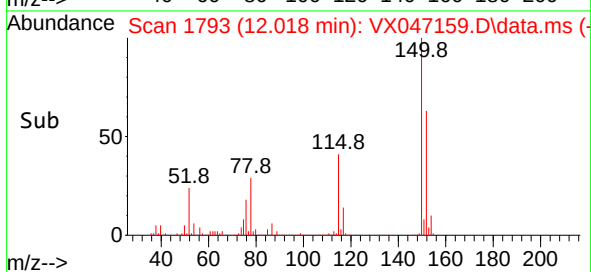
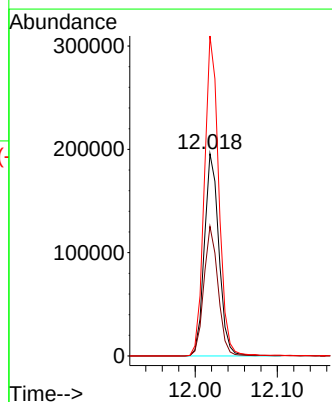
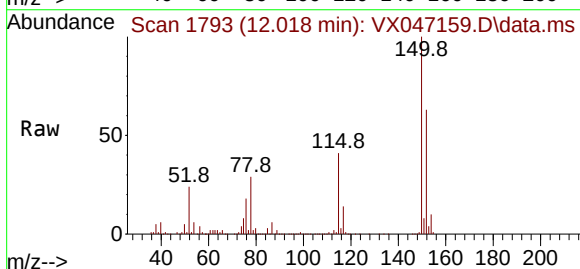
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

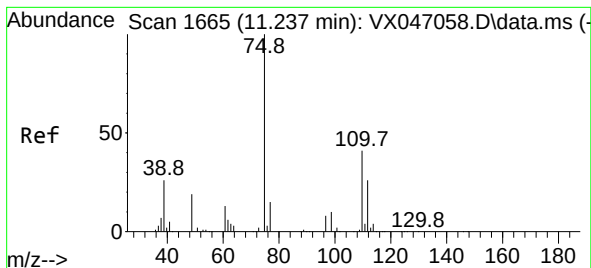
Tgt Ion:117 Resp: 484958
Ion Ratio Lower Upper
117 100
82 58.3 45.4 68.2
119 33.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047159.D
Acq: 28 Jul 2025 12:20

Tgt Ion:152 Resp: 241227
Ion Ratio Lower Upper
152 100
115 62.8 45.6 136.7
150 156.4 0.0 354.6





#76

1,2,3-Trichloropropane

Concen: 26.165 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX047159.D

Acq: 28 Jul 2025 12:20

Instrument :

MSVOA_X

ClientSampleId :

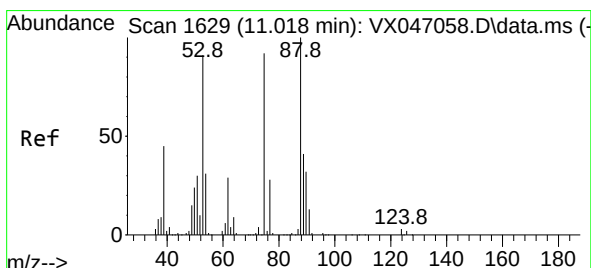
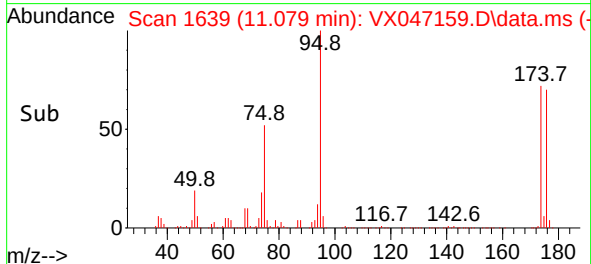
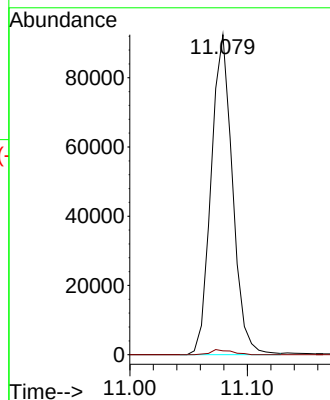
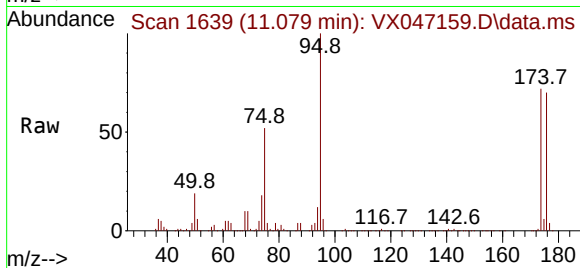
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 116828

Ion Ratio Lower Upper

75 100

77 1.6 21.6 65.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.412 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX047159.D

Acq: 28 Jul 2025 12:20

Tgt Ion: 75 Resp: 116828

Ion Ratio Lower Upper

75 100

53 0.0 84.2 126.4#

89 0.0 36.0 54.0#

