

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027149.D
 Acq On : 23 Feb 2022 16:35
 Operator : JC/MD
 Sample : N1616-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Feb 24 03:32:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

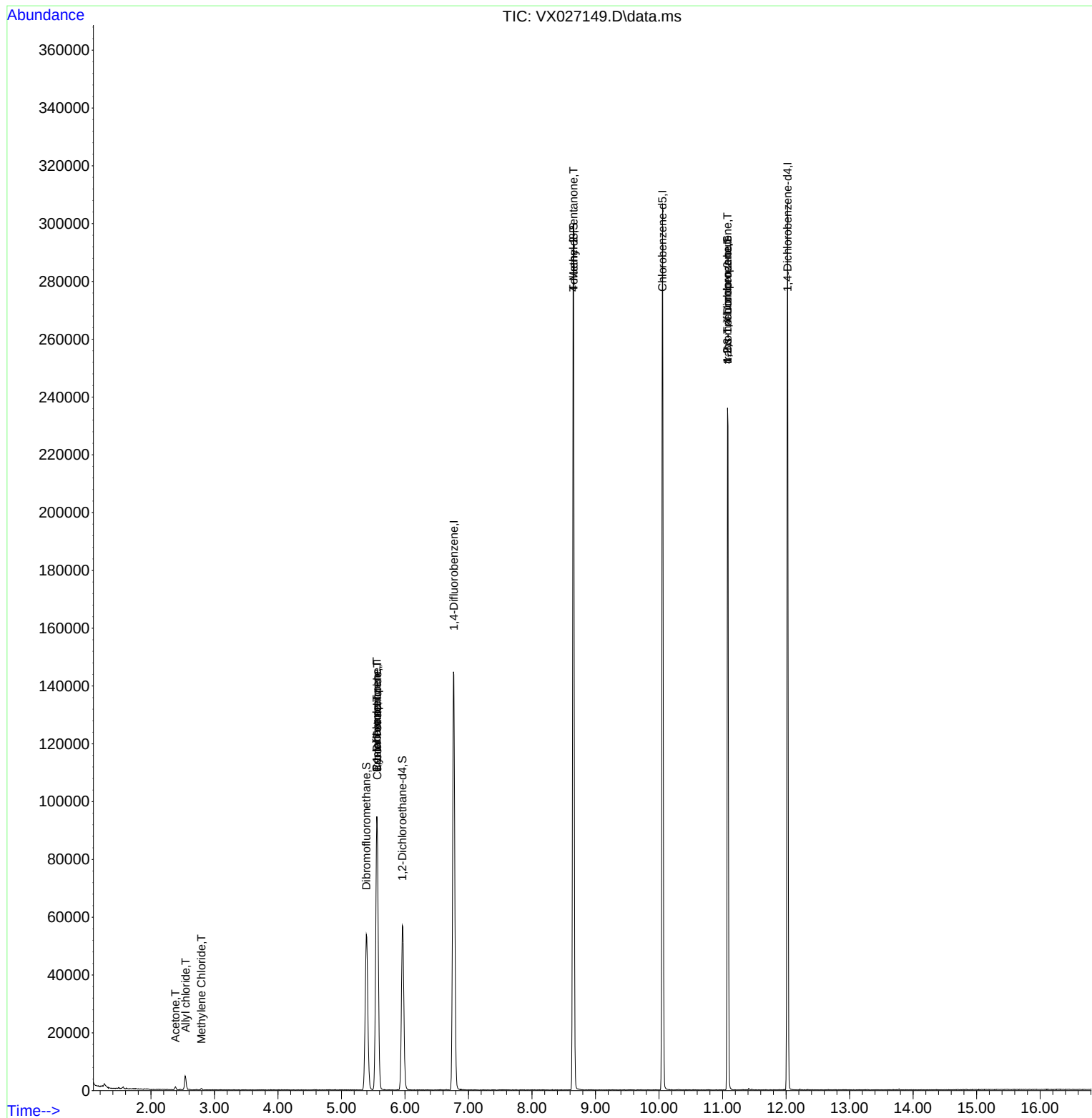
Internal Standards						
1) Pentafluorobenzene	5.556	168	92855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	153377	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	55115	49.422	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.840%		
35) Dibromofluoromethane	5.391	113	47717	50.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.653	98	178307	50.089	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.180%		
62) 4-Bromofluorobenzene	11.079	95	66797	48.884	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.760%		
Target Compounds						
5) Bromomethane	1.630	94	148	Below Cal	#	2
14) Allyl chloride	2.544	41	484	0.304	ug/l #	71
16) Acetone	2.386	43	1111	2.269	ug/l	94
20) Methylene Chloride	2.794	84	203	0.200	ug/l	96
31) Cyclohexane	5.556	56	1742	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6657	4.791	ug/l #	50
38) Carbon Tetrachloride	5.562	117	9321	6.432	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	716	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32167	25.278	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	32167	71.535	ug/l #	3

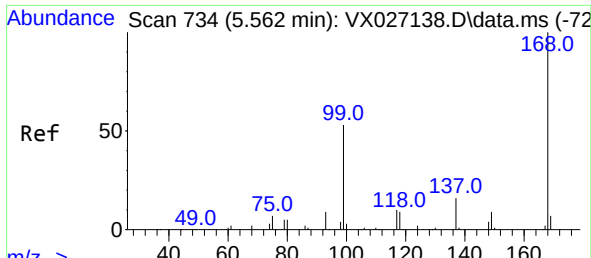
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
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Quant Time: Feb 24 03:32:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

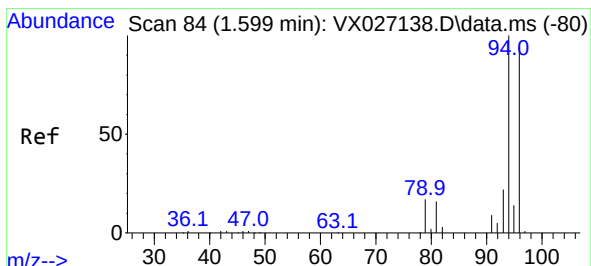
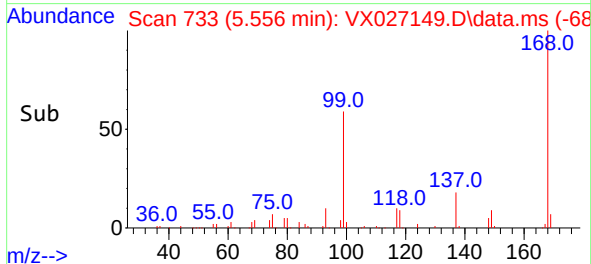
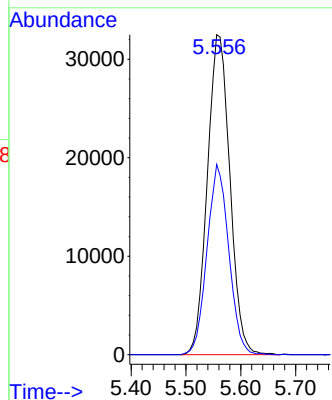
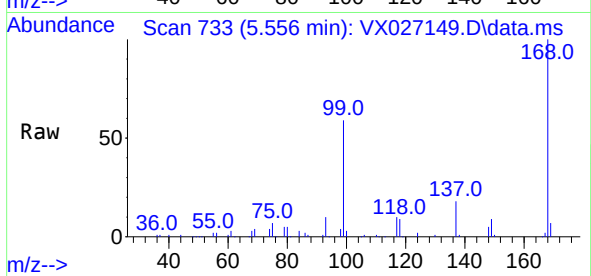




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

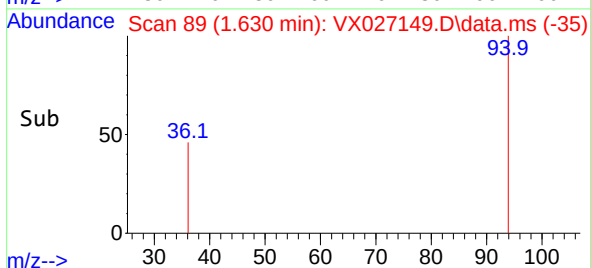
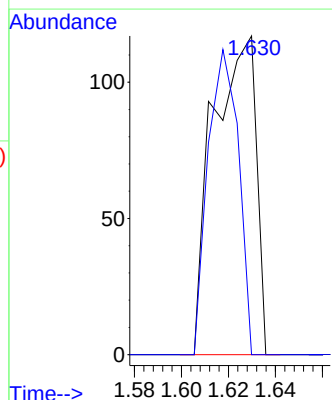
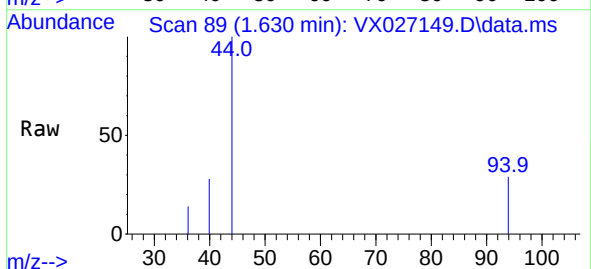
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

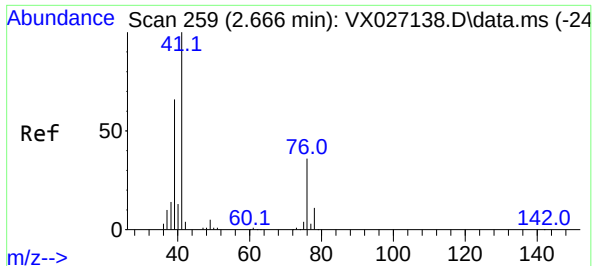
Tgt Ion:168 Resp: 92855
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#

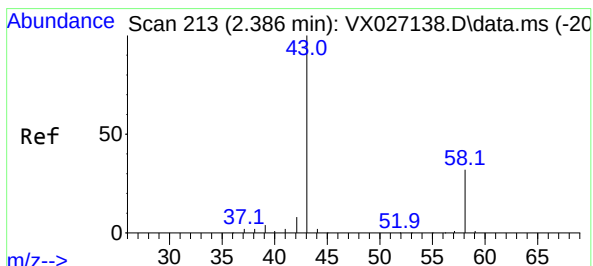
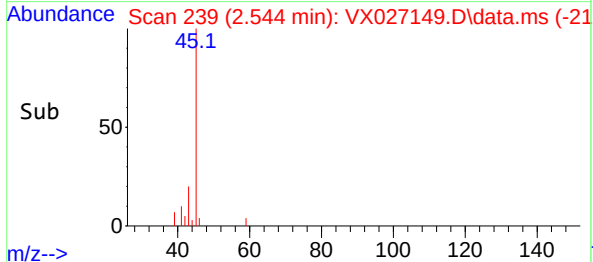
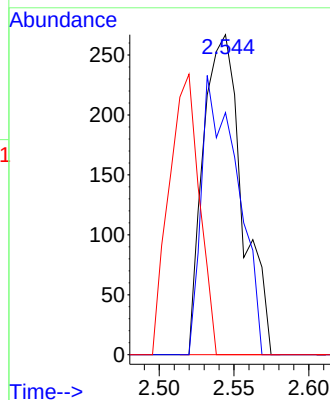
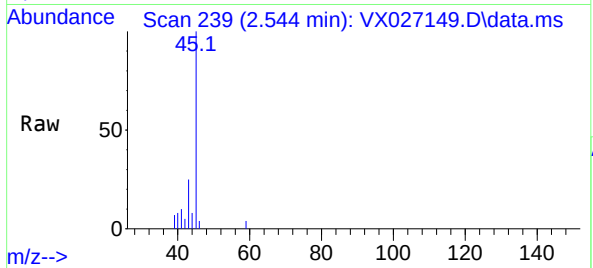




#14
 Allyl chloride
 Concen: 0.304 ug/l
 RT: 2.544 min Scan# 213
 Delta R.T. -0.122 min
 Lab File: VX027149.D
 Acq: 23 Feb 2022 16:35

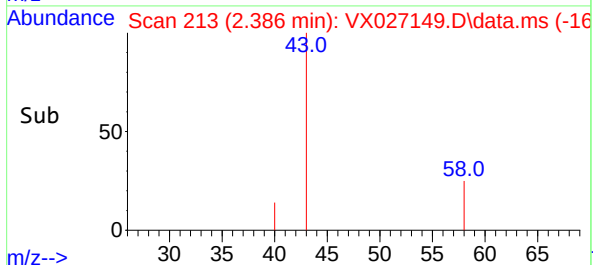
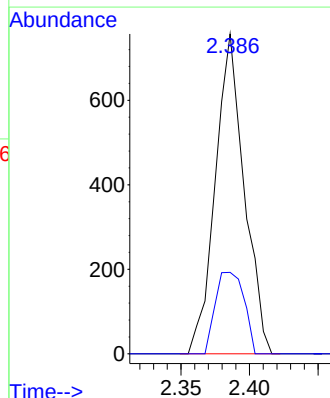
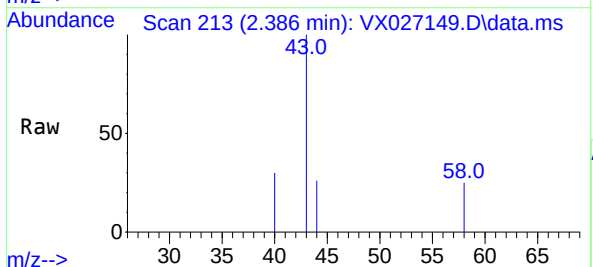
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

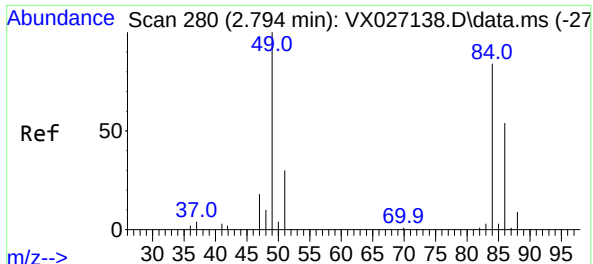
Tgt Ion: 41 Resp: 484
 Ion Ratio Lower Upper
 41 100
 39 80.4 54.2 81.4
 76 0.0 25.2 37.8#



#16
 Acetone
 Concen: 2.269 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX027149.D
 Acq: 23 Feb 2022 16:35

Tgt Ion: 43 Resp: 1111
 Ion Ratio Lower Upper
 43 100
 58 25.5 23.0 34.6





#20

Methylene Chloride

Concen: 0.200 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

Tgt Ion: 84 Resp: 203

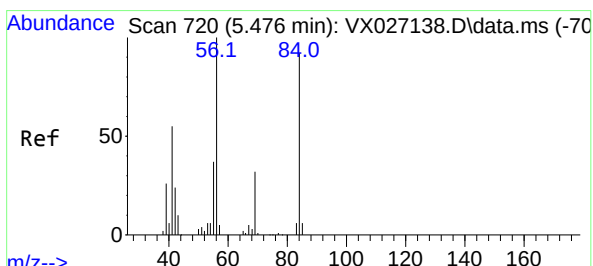
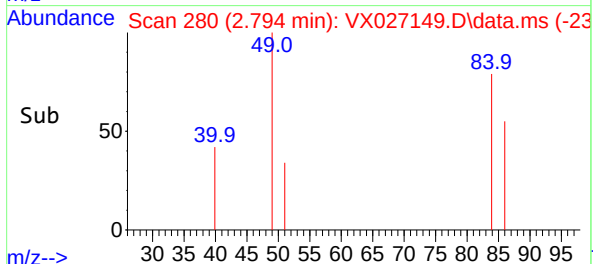
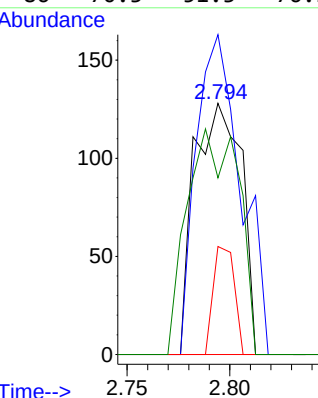
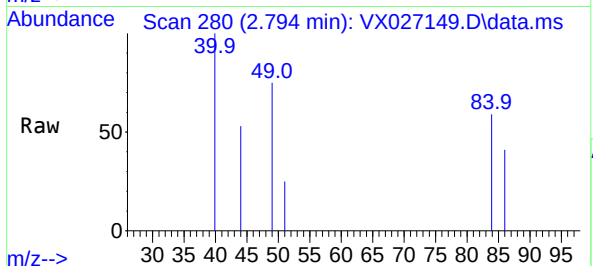
Ion Ratio Lower Upper

84 100

49 127.3 101.5 152.3

51 43.0 31.2 46.8

86 70.3 51.3 76.9



#31

Cyclohexane

Concen: 1.043 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

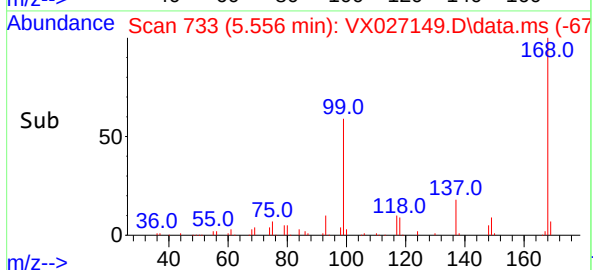
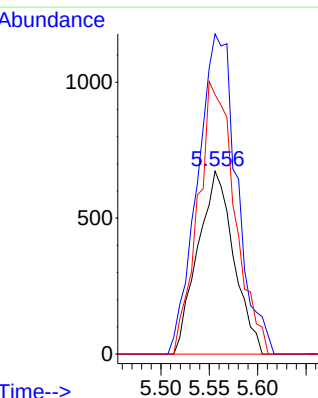
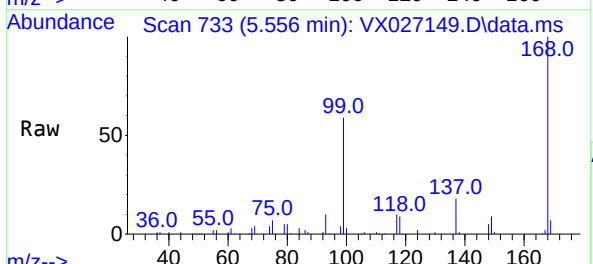
Tgt Ion: 56 Resp: 1742

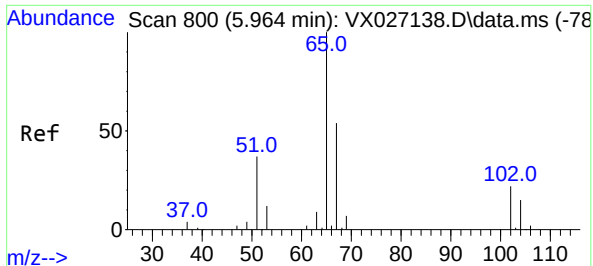
Ion Ratio Lower Upper

56 100

69 175.0 25.8 38.6#

84 141.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.422 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

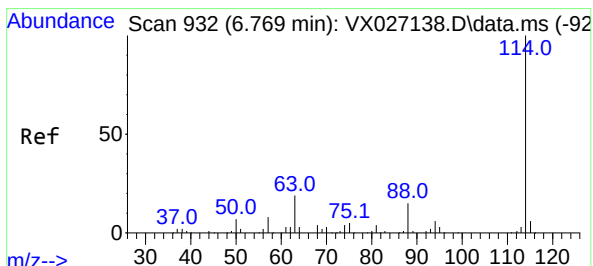
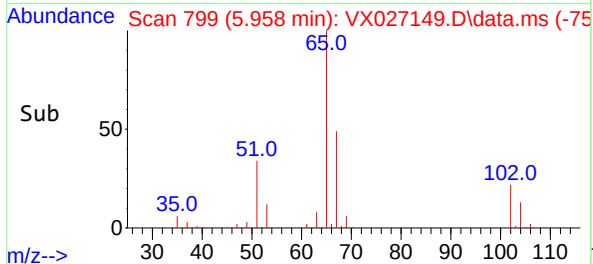
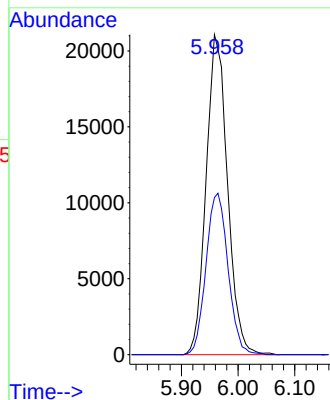
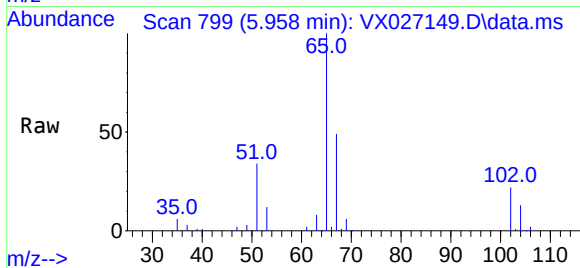
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 55115

Ion Ratio Lower Upper

65 100

67 51.9 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

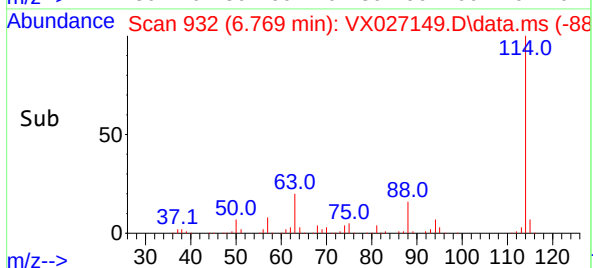
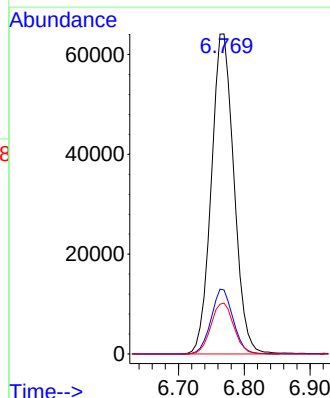
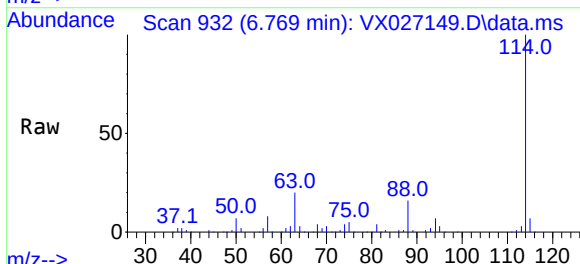
Tgt Ion: 114 Resp: 153377

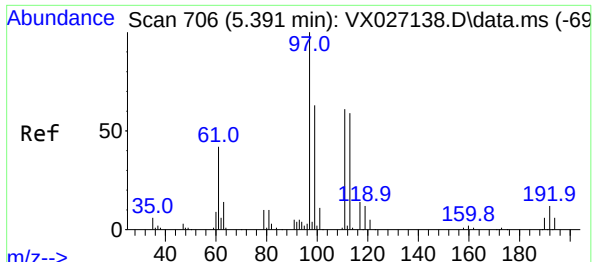
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.9 0.0 33.0



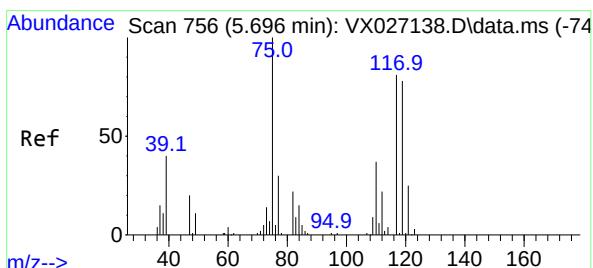
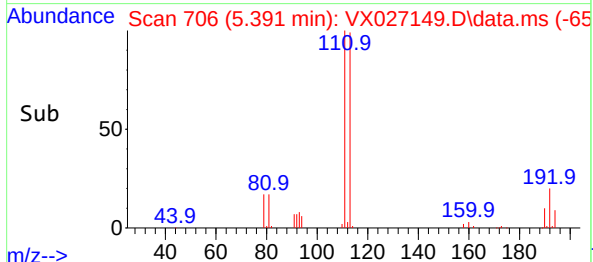
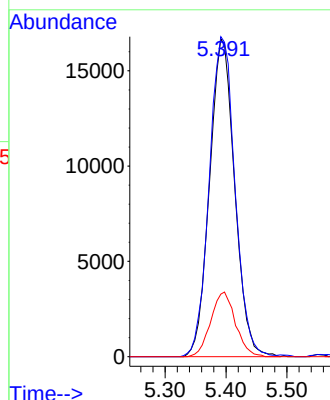
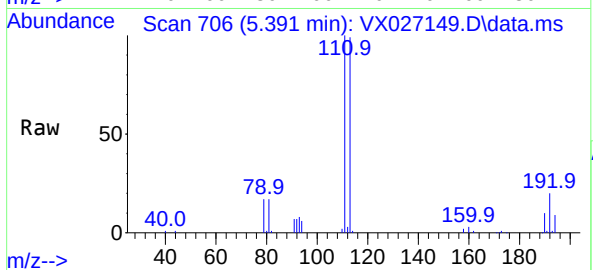


#35
Dibromofluoromethane
Concen: 50.121 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:113 Resp: 47717

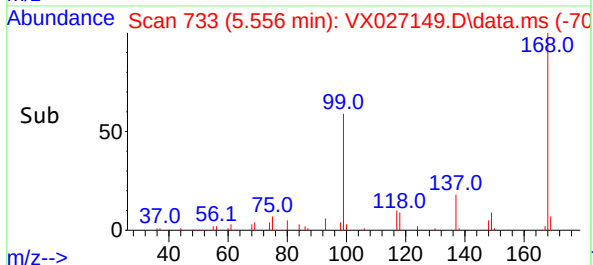
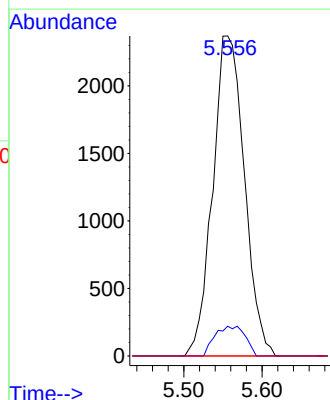
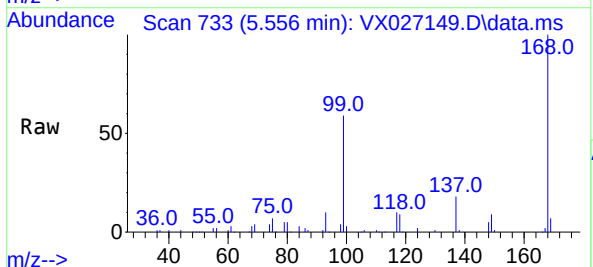
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.2	121.8
192	20.0	15.0	22.4

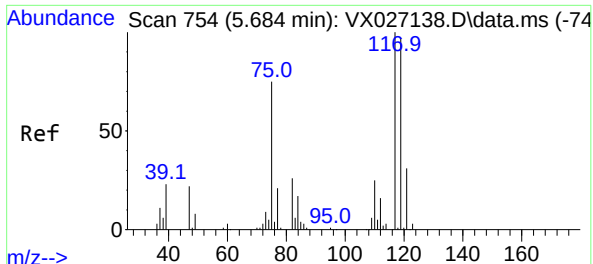


#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Tgt Ion: 75 Resp: 6657

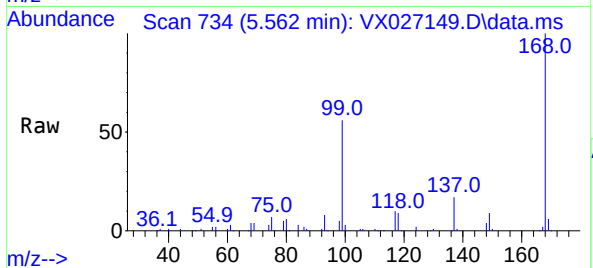
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.2	51.6#
77	0.0	24.6	36.8#



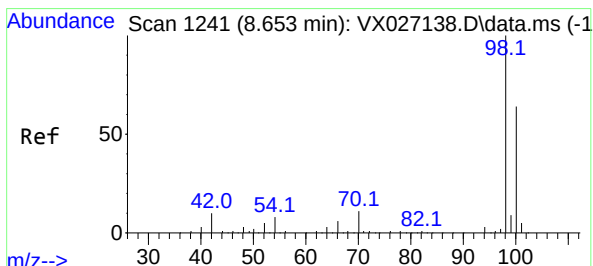
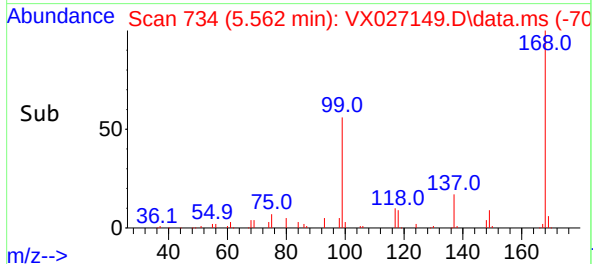
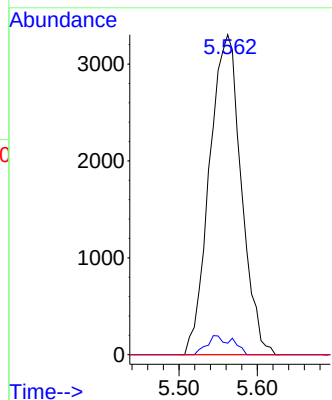


#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

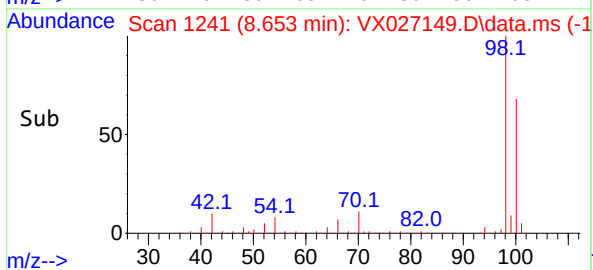
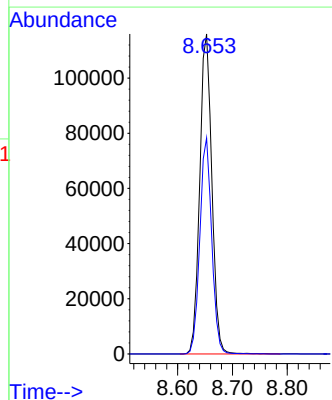
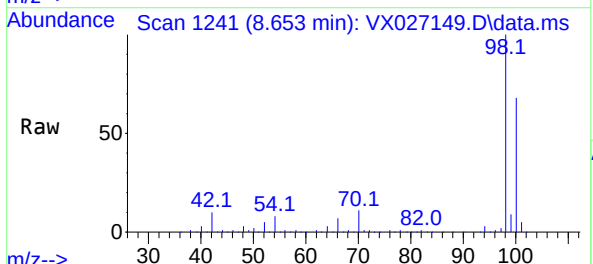


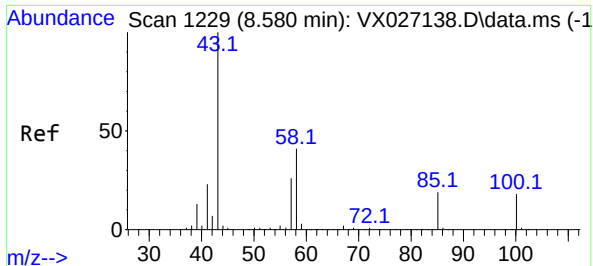
Tgt Ion:117 Resp: 9321
Ion Ratio Lower Upper
117 100
119 3.6 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.089 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Tgt Ion: 98 Resp: 178307
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

Instrument :

MSVOA_X

ClientSampleId :

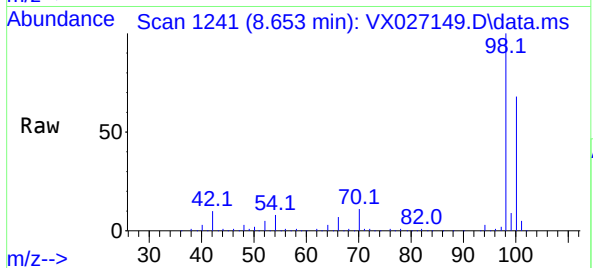
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 716

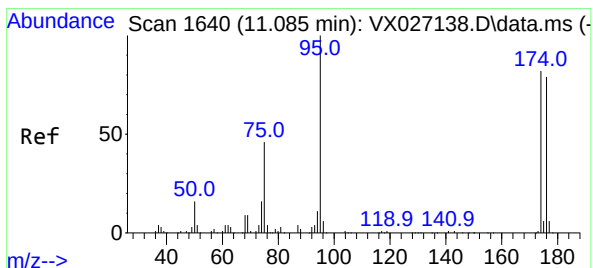
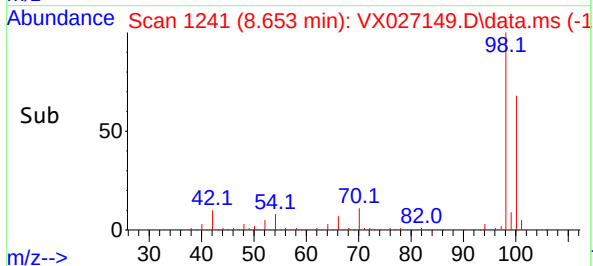
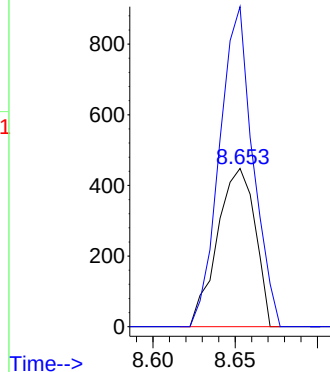
Ion Ratio Lower Upper

43 100

58 179.1 30.5 45.7#



Abundance



#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027149.D

Acq: 23 Feb 2022 16:35

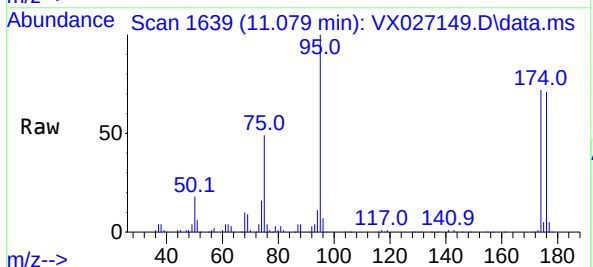
Tgt Ion: 95 Resp: 66797

Ion Ratio Lower Upper

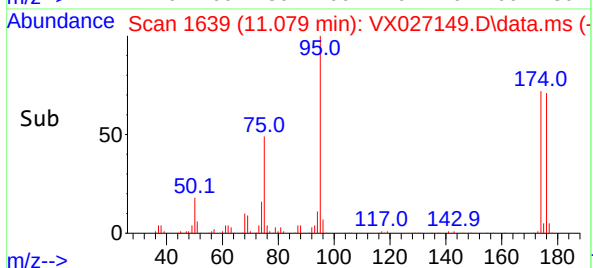
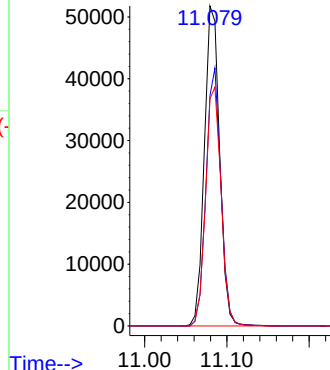
95 100

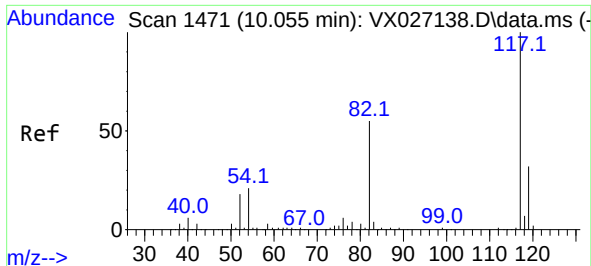
174 78.6 0.0 148.6

176 75.7 0.0 141.4



Abundance

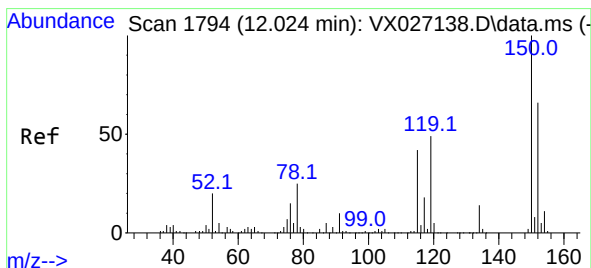
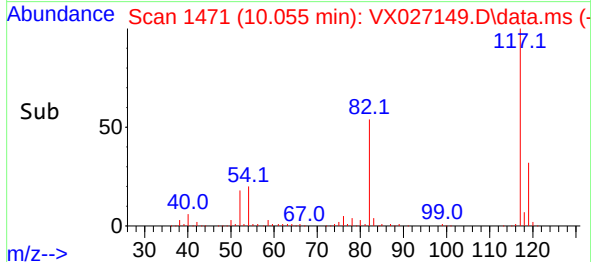
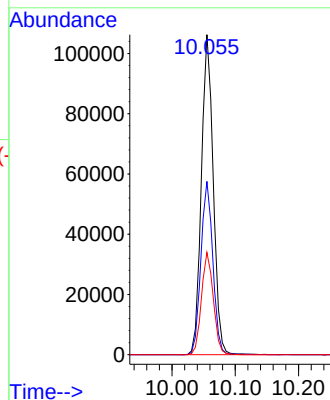
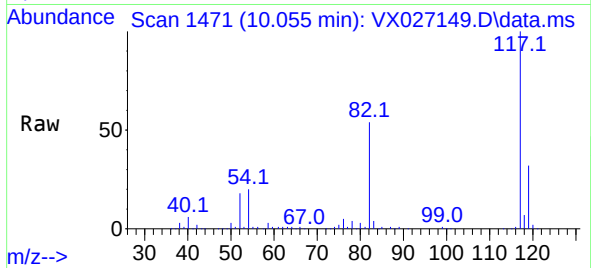




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

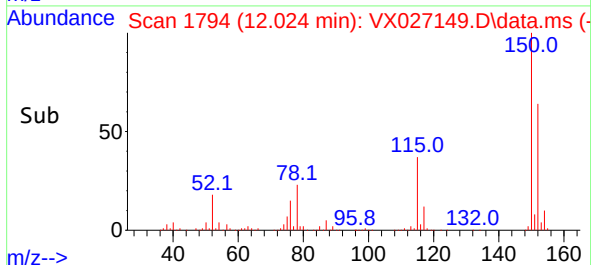
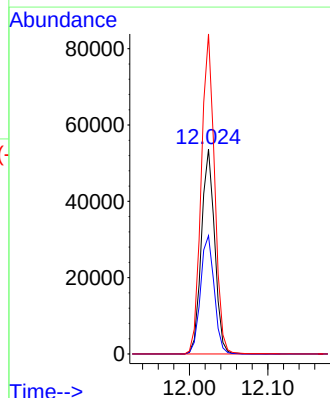
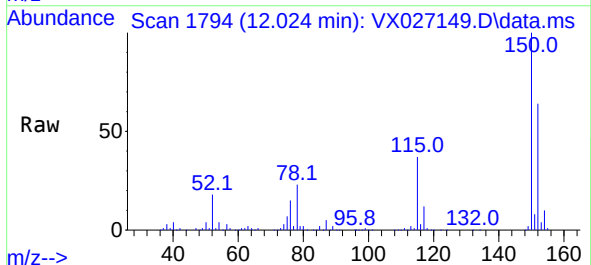
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

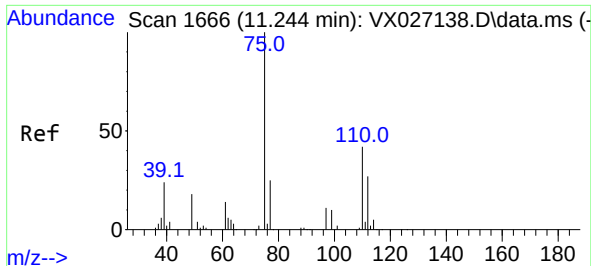
Tgt Ion:117 Resp: 139137
Ion Ratio Lower Upper
117 100
82 54.1 45.2 67.8
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Tgt Ion:152 Resp: 63177
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 157.4 0.0 348.2

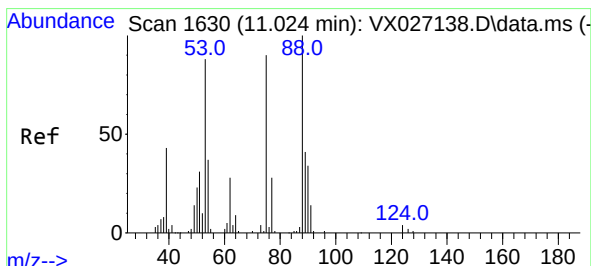
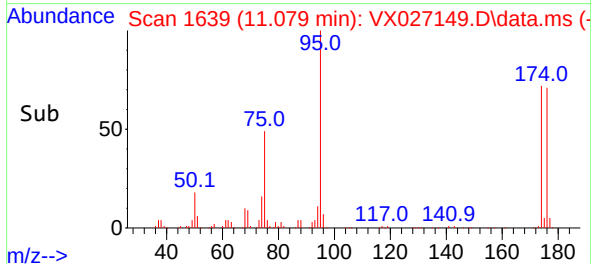
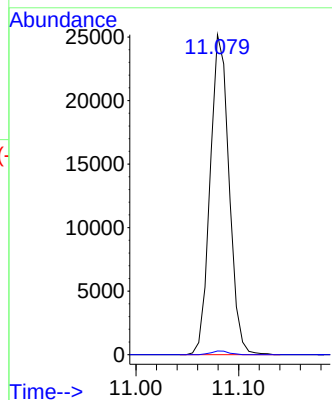
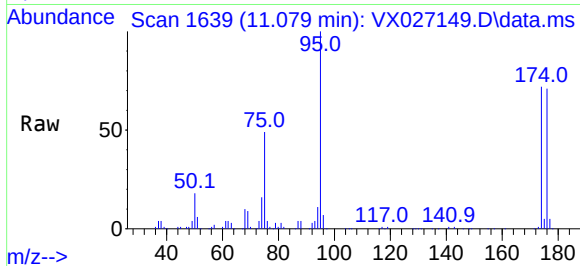




#76
1,2,3-Trichloropropane
Concen: 25.278 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 32167
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX027149.D
Acq: 23 Feb 2022 16:35

Tgt Ion: 75 Resp: 32167
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

