

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037985.D
 Acq On : 29 Sep 2023 18:51
 Operator : JC/MD
 Sample : 04688-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Sep 29 23:09:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

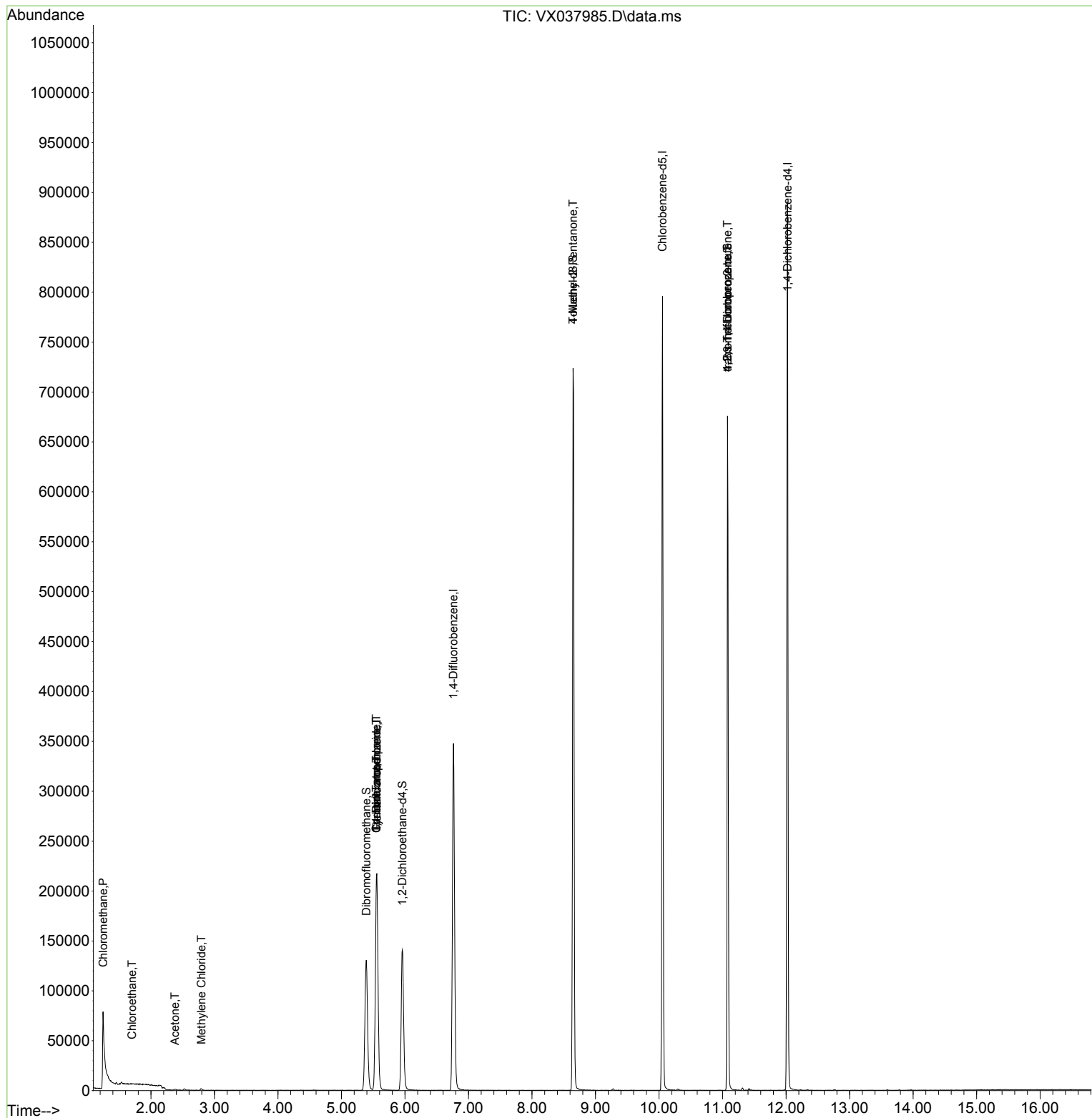
Internal Standards						
1) Pentafluorobenzene	5.556	168	209067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	366061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	361089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134677	49.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.060%
35) Dibromofluoromethane	5.391	113	115589	47.192	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.380%
50) Toluene-d8	8.647	98	445248	48.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	170369	51.517	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.040%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	2068	0.863	ug/l #	43
6) Chloroethane	1.703	64	393	0.221	ug/l #	43
16) Acetone	2.380	43	967	0.732	ug/l	94
20) Methylene Chloride	2.794	84	832	0.315	ug/l	89
31) Cyclohexane	5.550	56	4303	1.221	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16425	4.868	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21733	6.156	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1810	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86438	19.336	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86438	61.941	ug/l #	5

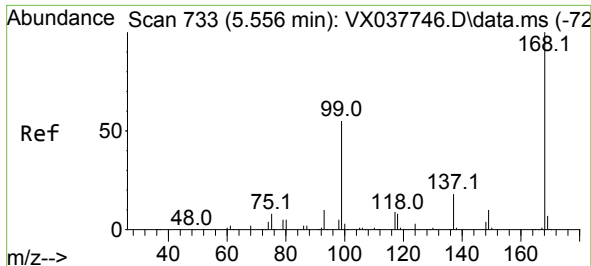
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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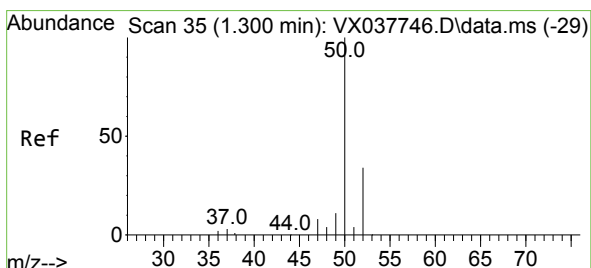
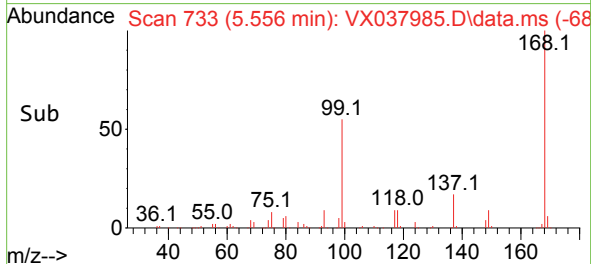
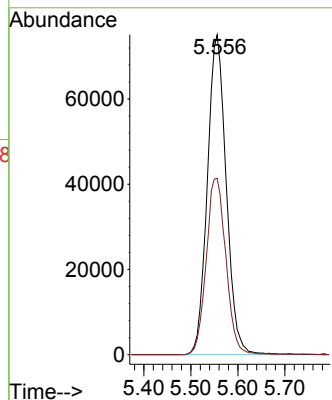
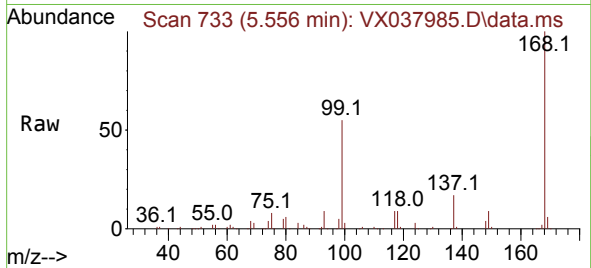




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

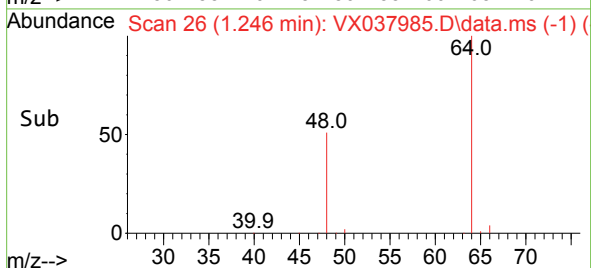
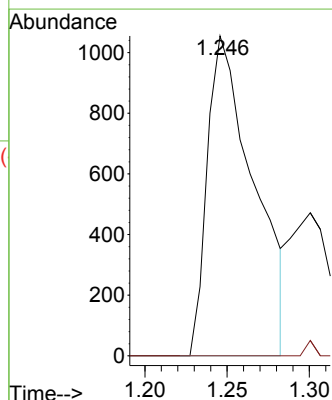
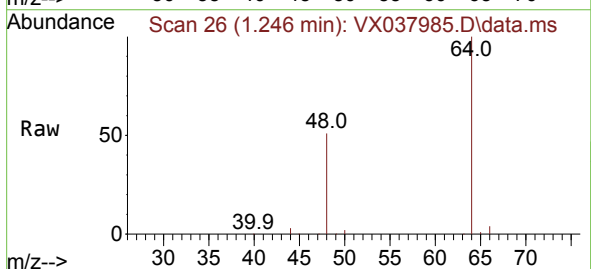
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

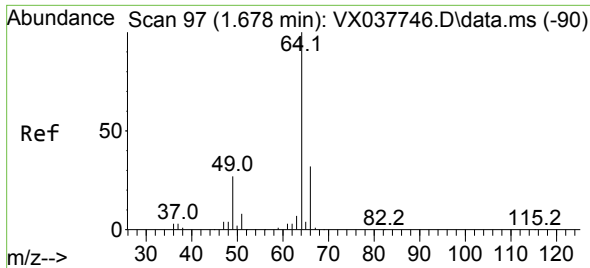
Tgt Ion:168 Resp: 209067
Ion Ratio Lower Upper
168 100
99 55.1 56.6 85.0#



#3
Chloromethane
Concen: 0.863 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.055 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 50 Resp: 2068
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

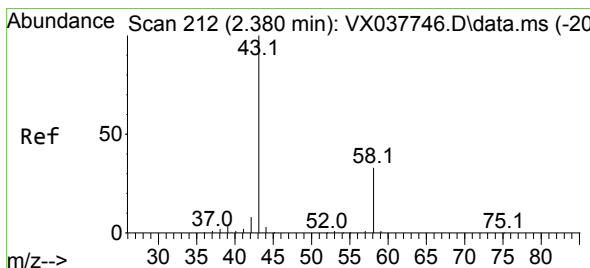
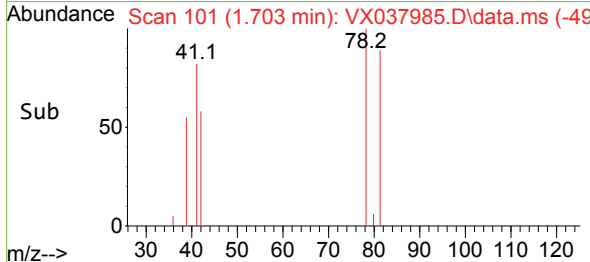
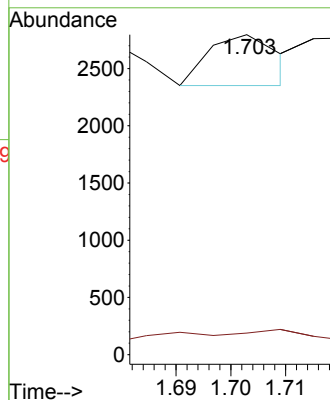
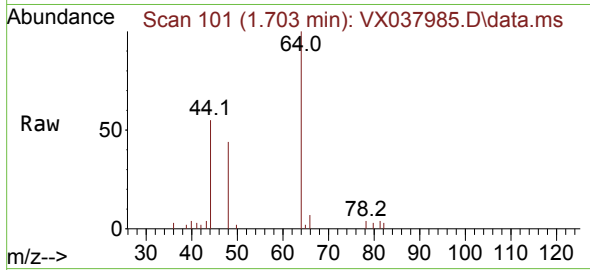




#6
Chloroethane
Concen: 0.221 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

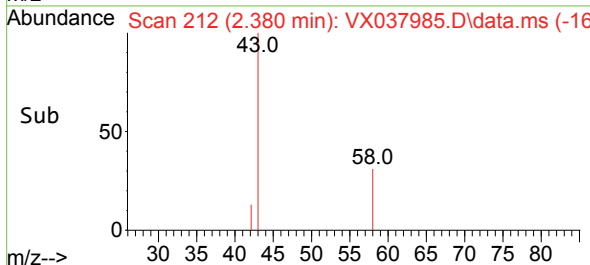
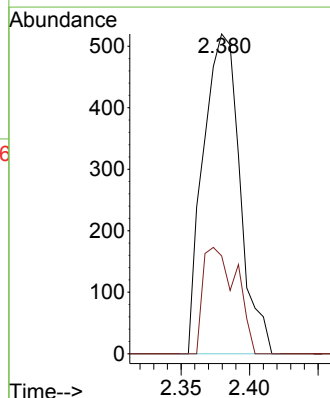
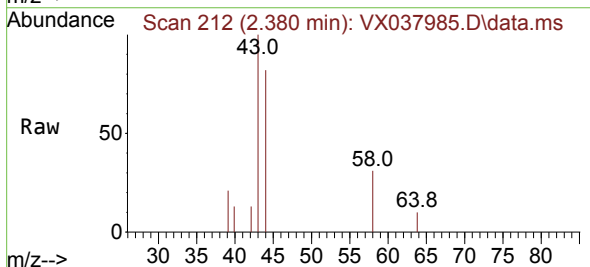
Instrument :
MSVOA_X
ClientSampleId :
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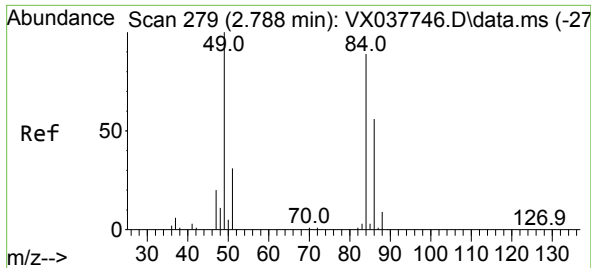
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.732 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 30.6 21.9 32.9

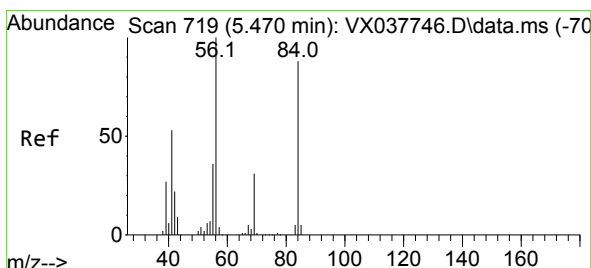
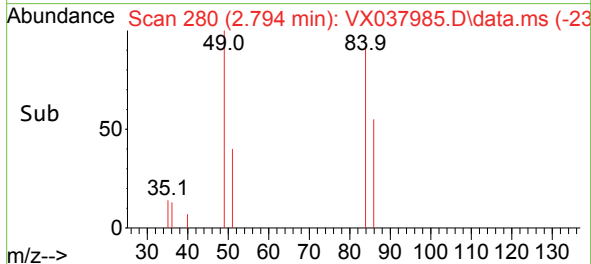
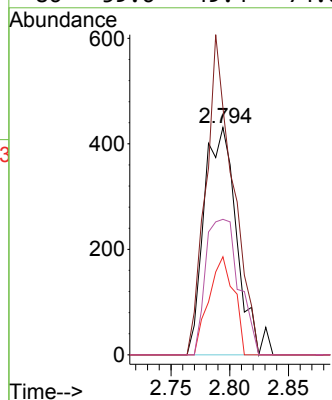
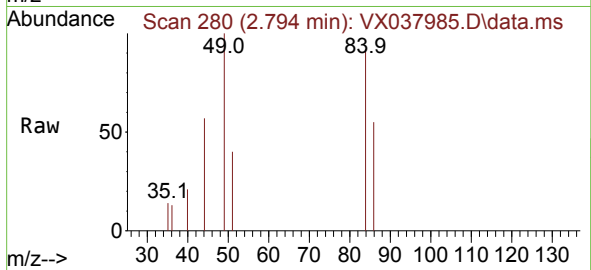




#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

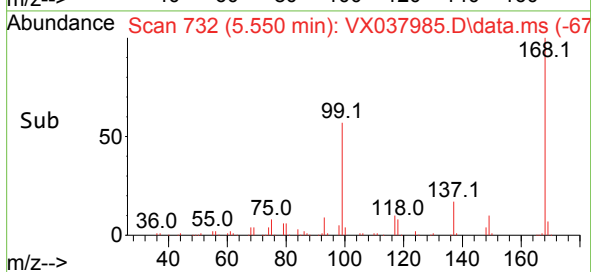
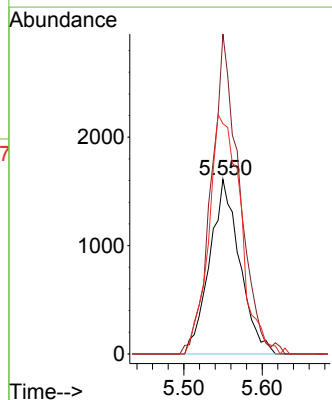
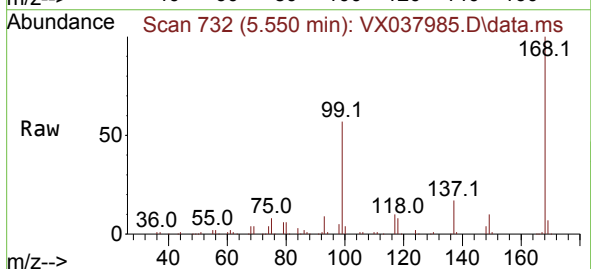
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

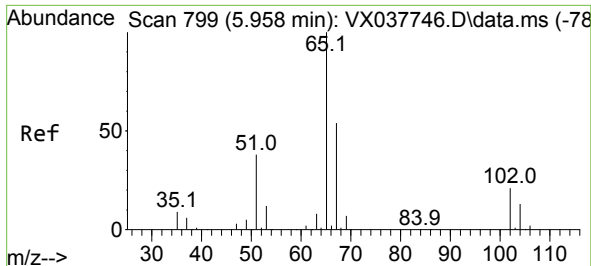
Tgt Ion:	84	Resp:	832
Ion	Ratio	Lower	Upper
84	100		
49	108.8	103.6	155.4
51	43.2	33.8	50.6
86	59.6	49.4	74.0



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion:	56	Resp:	4303
Ion	Ratio	Lower	Upper
56	100		
69	183.4	23.4	35.2#
84	131.9	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.030 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037985.D

Acq: 29 Sep 2023 18:51

Instrument :

MSVOA_X

ClientSampleId :

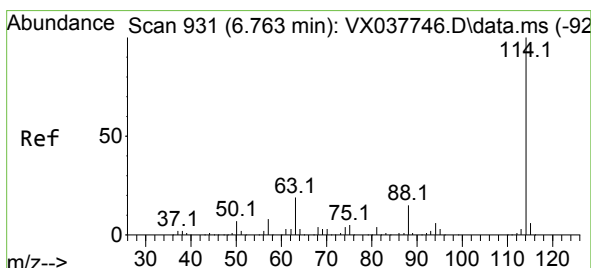
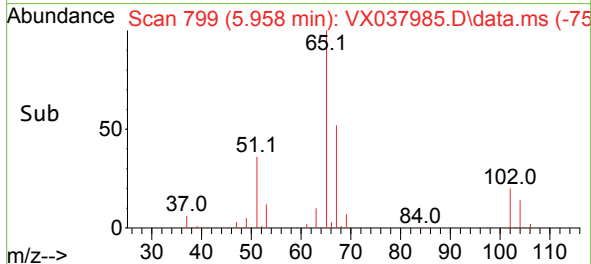
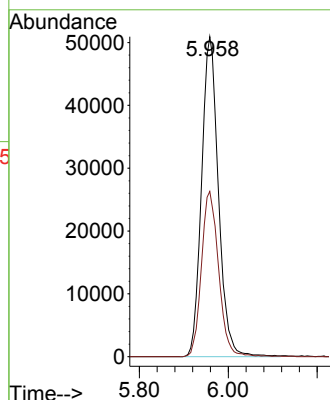
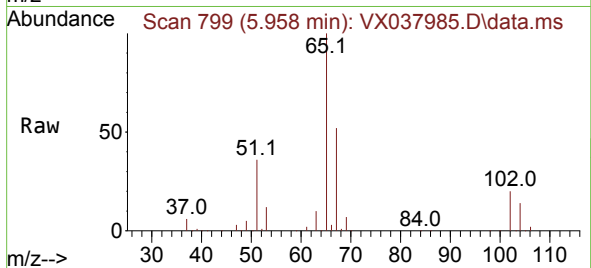
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 134677

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037985.D

Acq: 29 Sep 2023 18:51

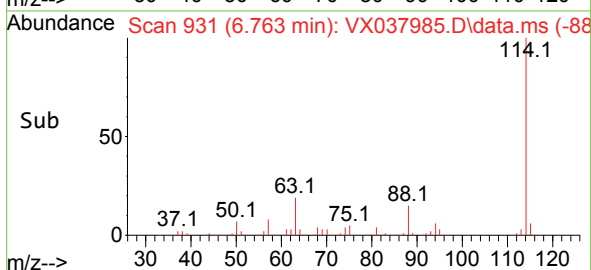
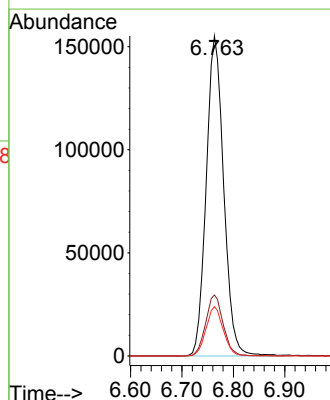
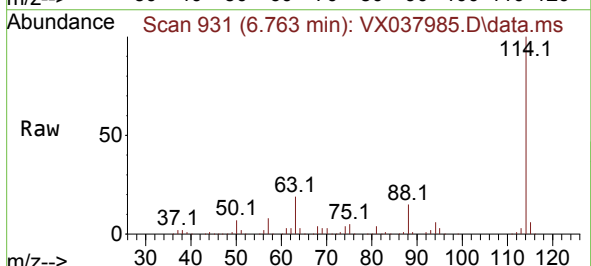
Tgt Ion: 114 Resp: 366061

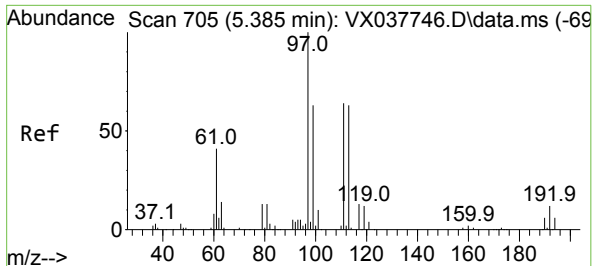
Ion Ratio Lower Upper

114 100

63 19.0 0.0 45.0

88 15.4 0.0 36.6

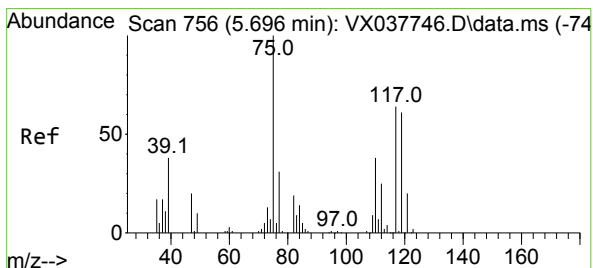
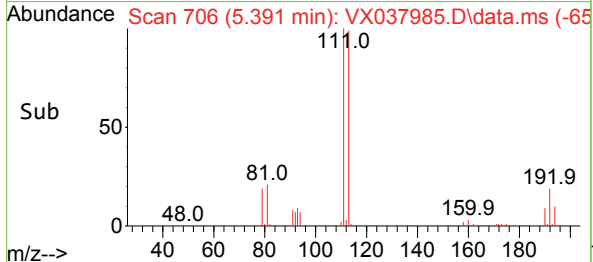
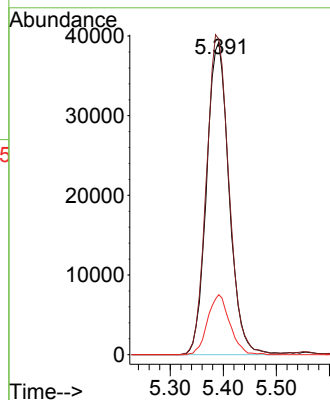
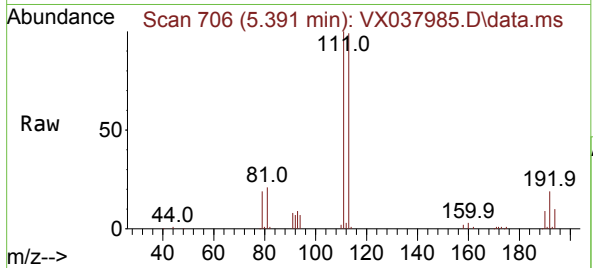




#35
Dibromofluoromethane
Concen: 47.192 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

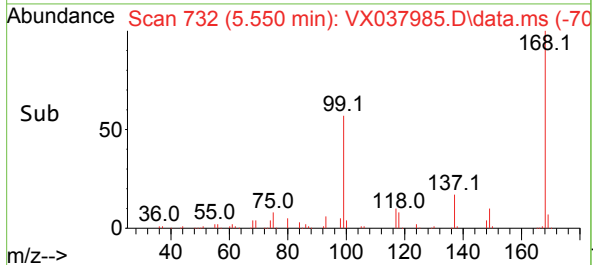
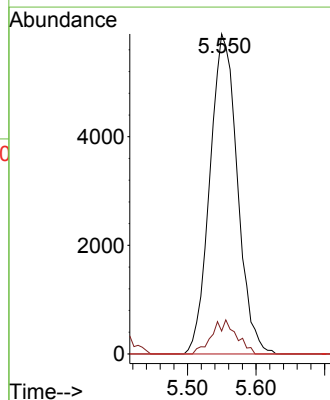
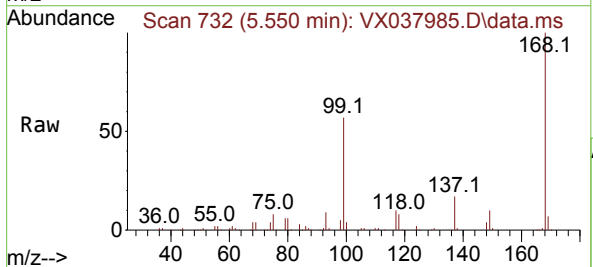
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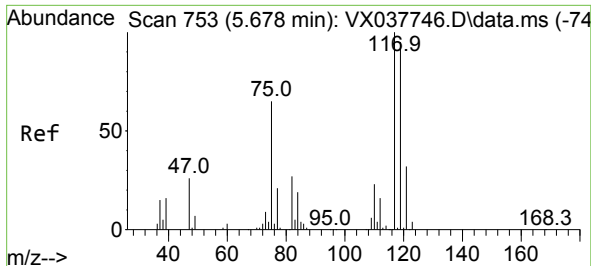
Tgt Ion:113 Resp: 115589
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 75 Resp: 16425
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#

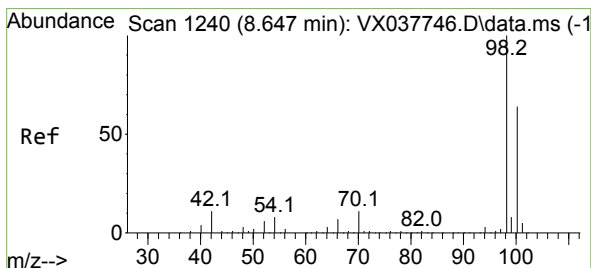
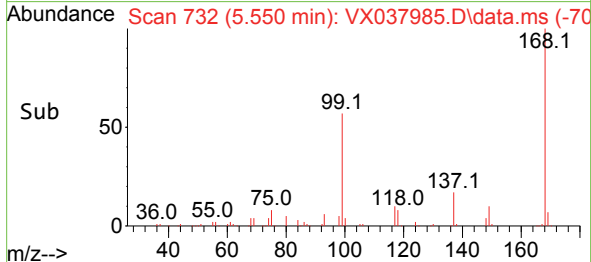
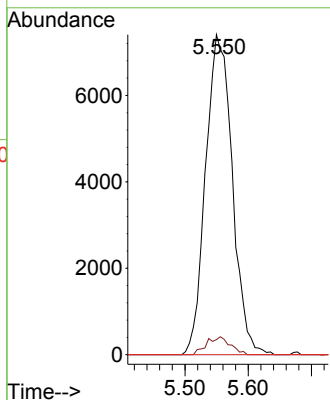
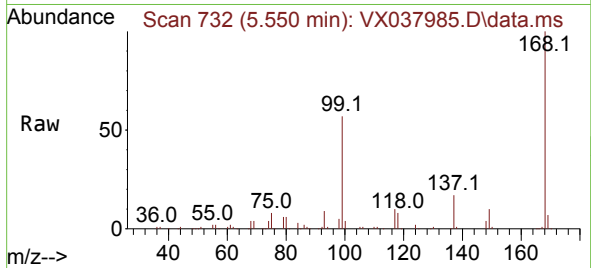




#38
Carbon Tetrachloride
Concen: 6.156 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

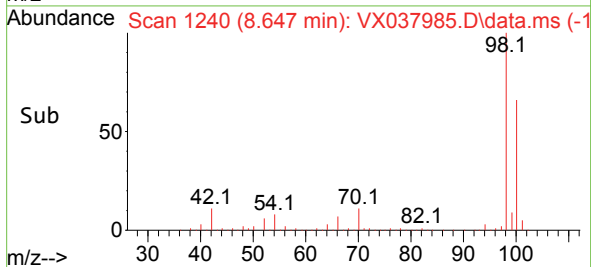
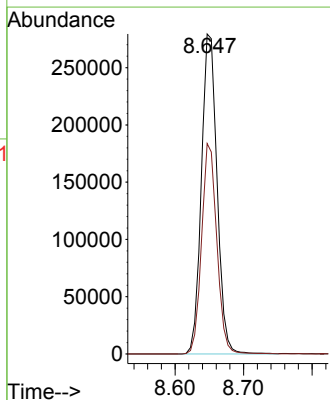
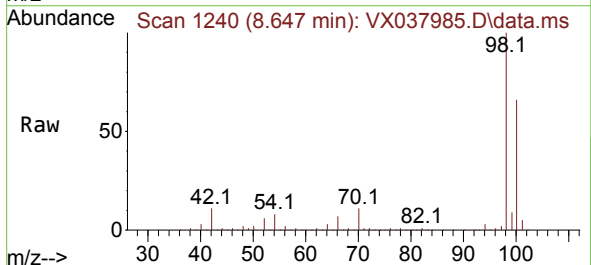
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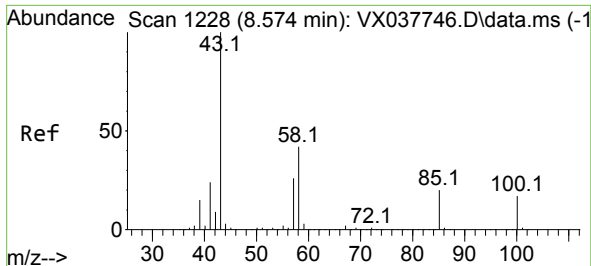
Tgt Ion:117 Resp: 21733
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 98 Resp: 445248
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

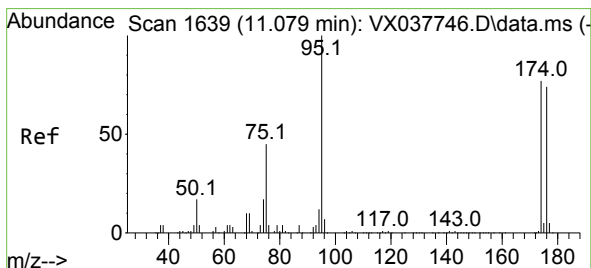
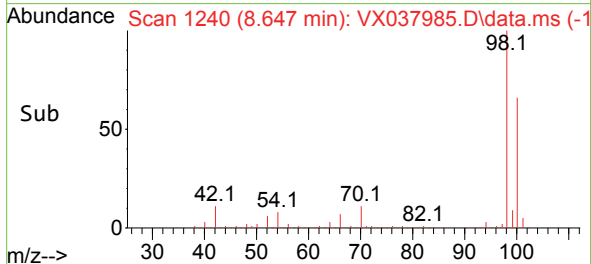
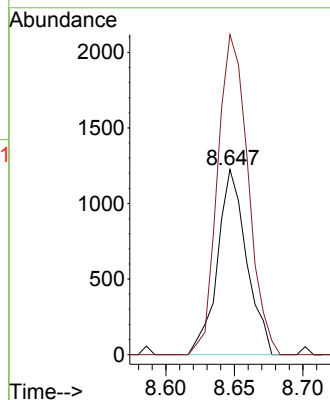
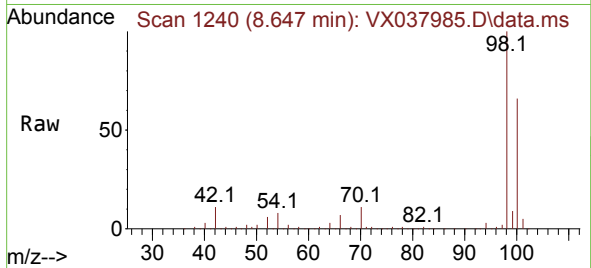




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

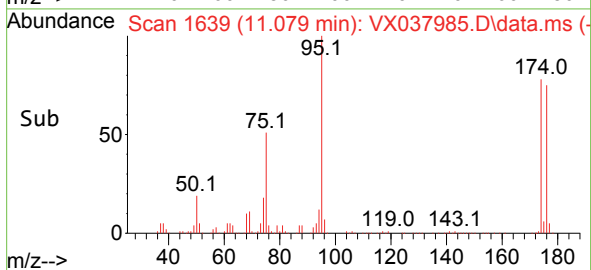
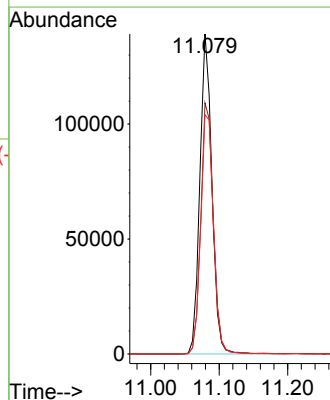
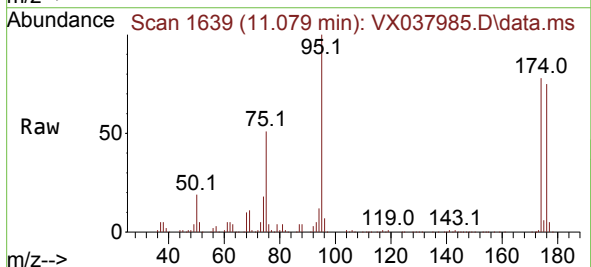
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

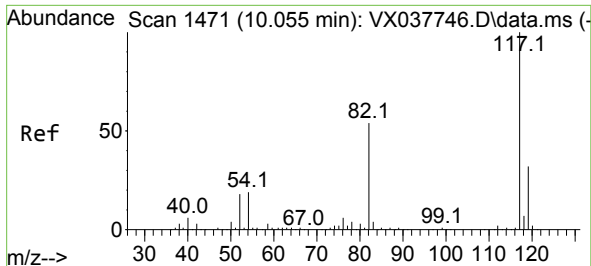
Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
58 181.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 51.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 95 Resp: 170369
Ion Ratio Lower Upper
95 100
174 81.5 0.0 135.6
176 80.0 0.0 131.0

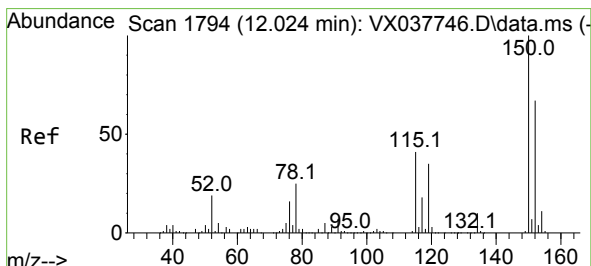
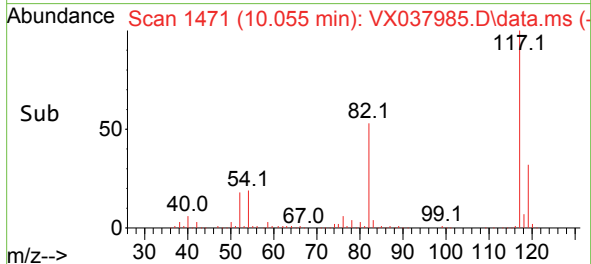
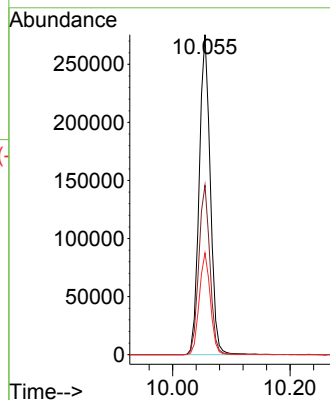
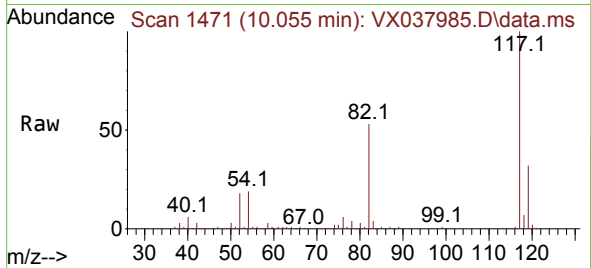




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

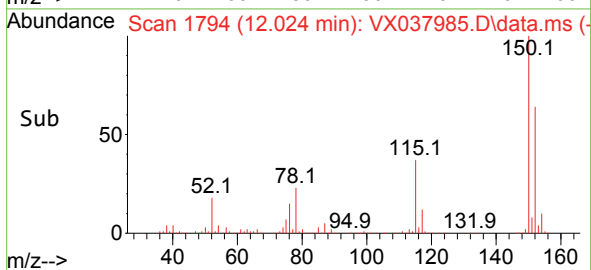
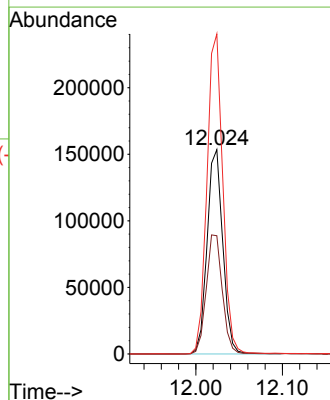
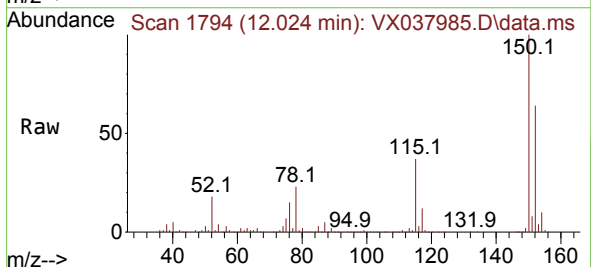
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

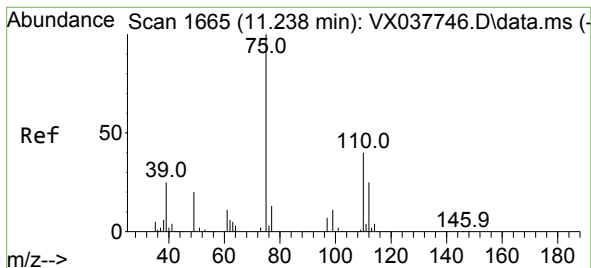
Tgt Ion:117 Resp: 361089
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion:152 Resp: 193275
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 157.9 0.0 345.0

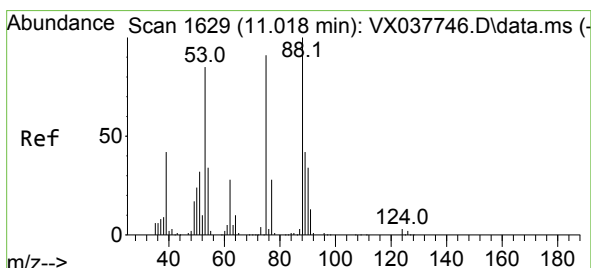
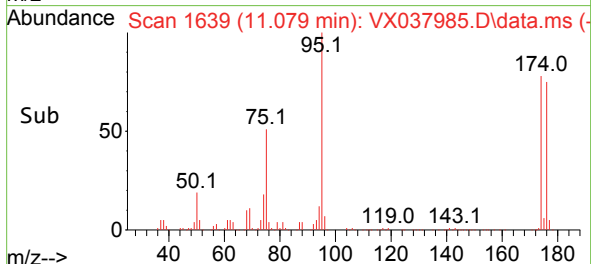
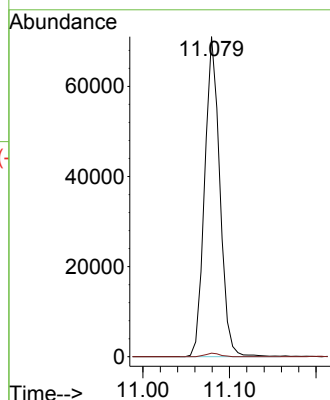
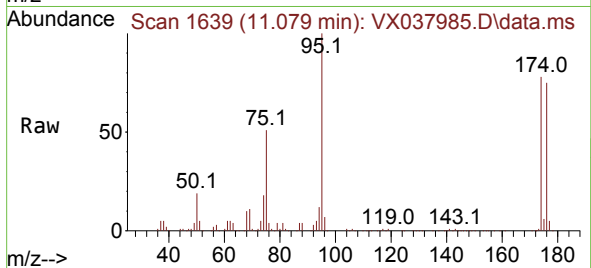




#76
1,2,3-Trichloropropane
Concen: 19.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

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

Tgt Ion: 75 Resp: 86438
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.941 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037985.D
Acq: 29 Sep 2023 18:51

Tgt Ion: 75 Resp: 86438
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

