

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036315.D
 Acq On : 24 Jun 2023 16:37
 Operator : JC/MD
 Sample : 03411-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 26 03:26:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	206045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	359678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	145706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140605	47.606	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.220%
35) Dibromofluoromethane	5.391	113	104990	44.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.540%
50) Toluene-d8	8.647	98	401284	45.302	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.600%#
62) 4-Bromofluorobenzene	11.079	95	135871	43.547	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%

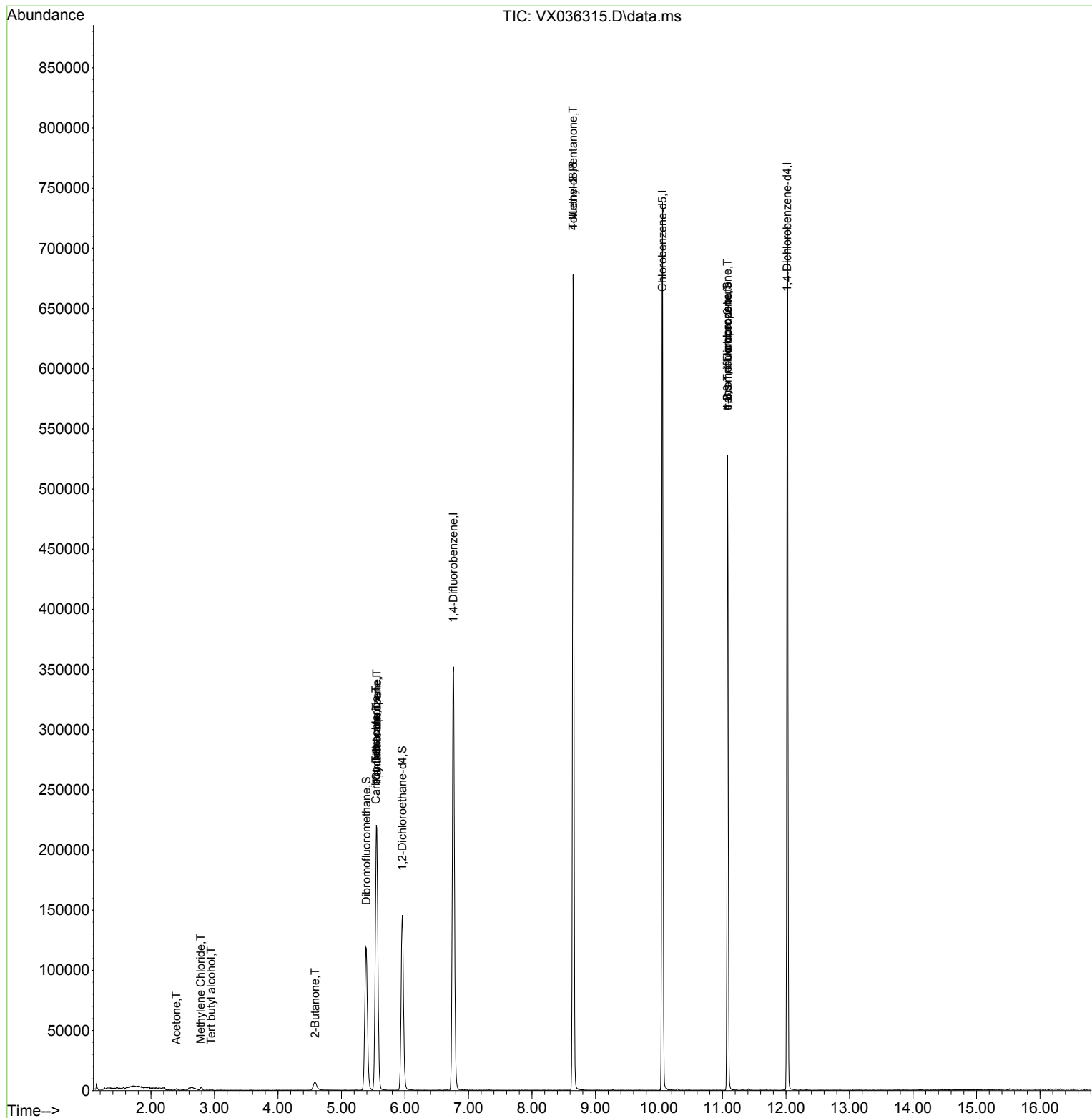
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	442	0.822	ug/l #	78
16) Acetone	2.398	43	1944	1.540	ug/l	96
20) Methylene Chloride	2.782	84	1272	0.468	ug/l #	59
25) 2-Butanone	4.587	43	514	0.283	ug/l #	51
31) Cyclohexane	5.550	56	4577	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16906	4.782	ug/l #	51
38) Carbon Tetrachloride	5.544	117	20940	6.485	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1817	0.491	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71354	22.959	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	71354	74.839	ug/l #	5

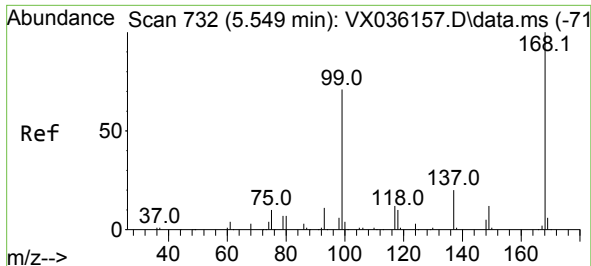
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
Data File : VX036315.D
Acq On : 24 Jun 2023 16:37
Operator : JC/MD
Sample : 03411-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 26 03:26:46 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

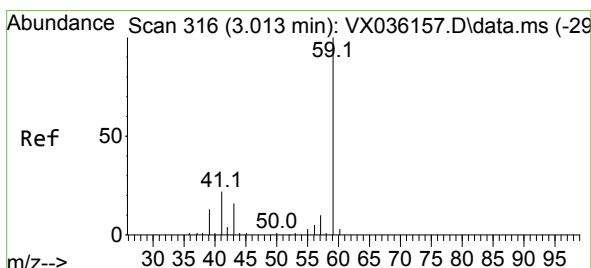
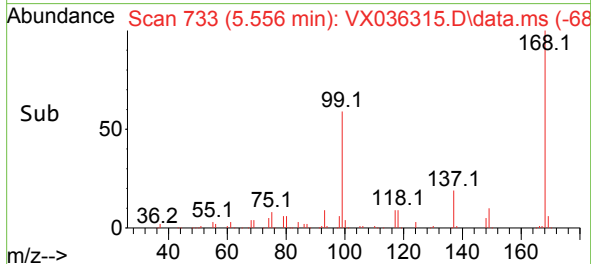
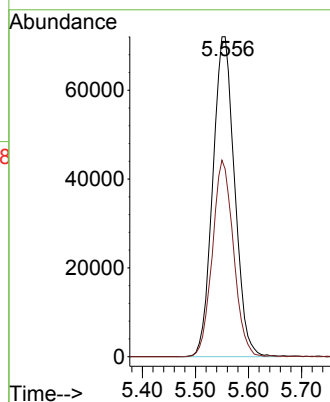
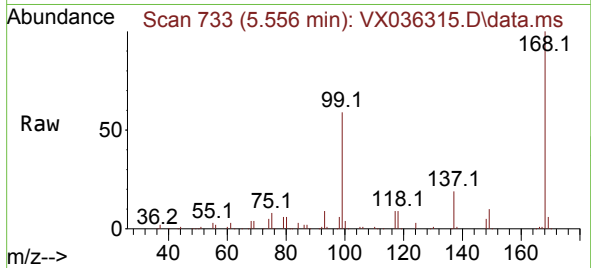




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

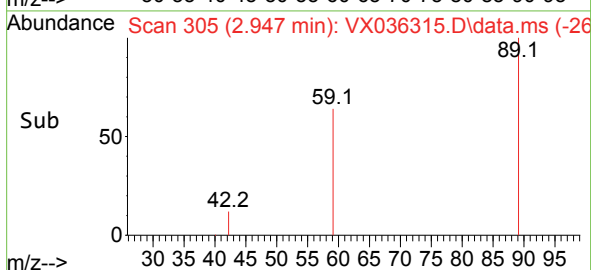
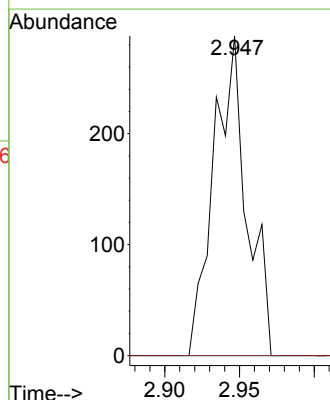
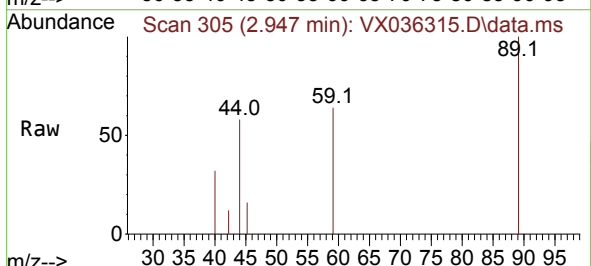
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

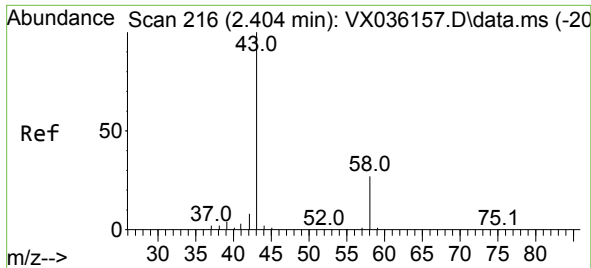
Tgt Ion:168 Resp: 206045
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.822 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.066 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 59 Resp: 442
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

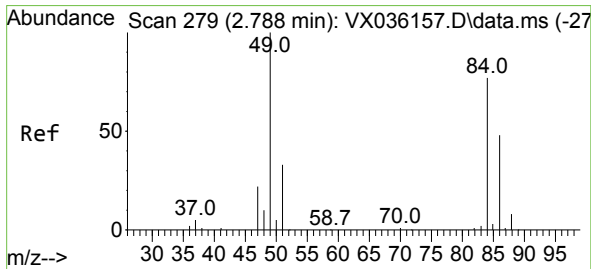
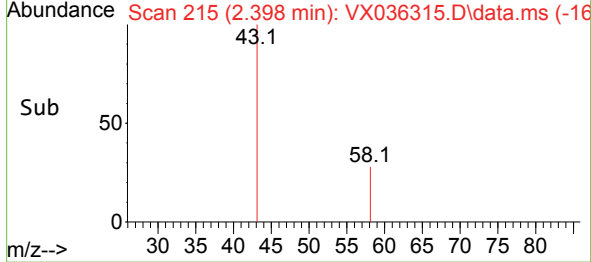
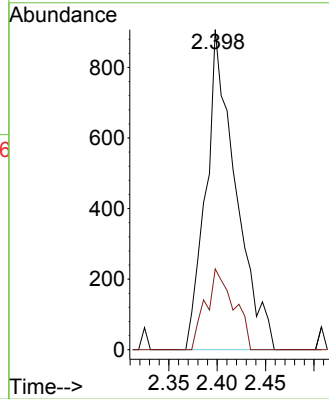
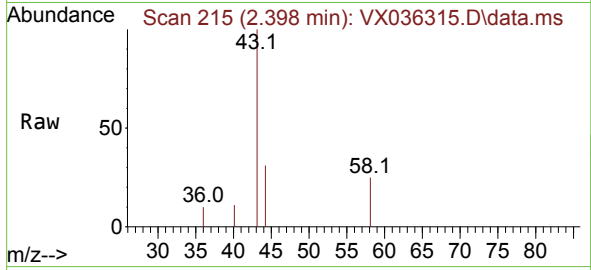




#16
Acetone
Concen: 1.540 ug/l
RT: 2.398 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

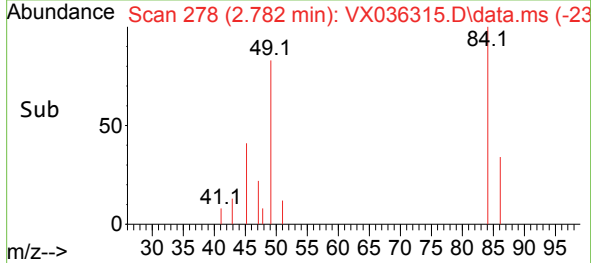
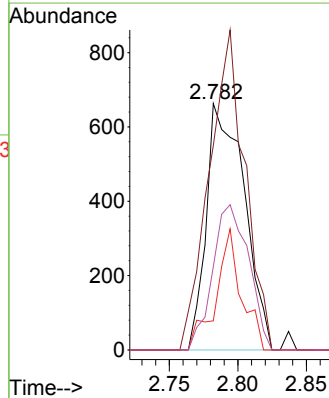
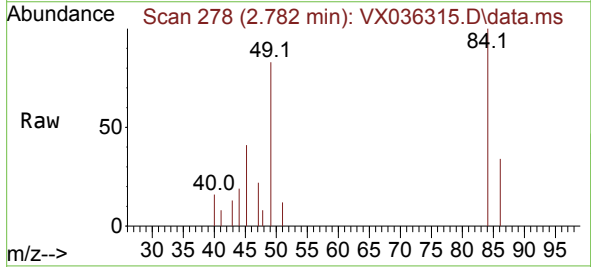
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

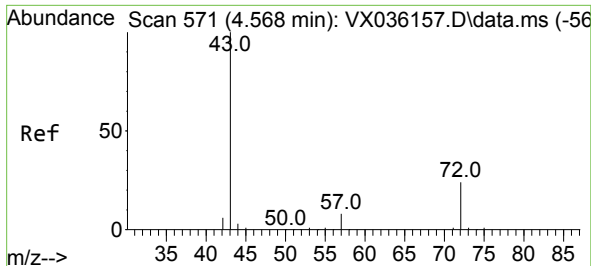
Tgt Ion: 43 Resp: 1944
Ion Ratio Lower Upper
43 100
58 25.2 21.9 32.9



#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 84 Resp: 1272
Ion Ratio Lower Upper
84 100
49 83.0 103.6 155.4#
51 11.8 33.8 50.6#
86 33.8 49.4 74.0#

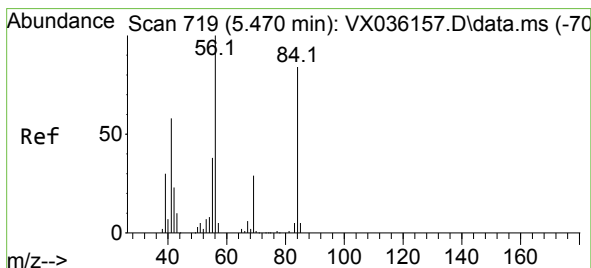
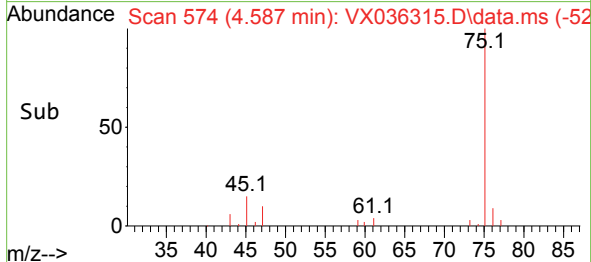
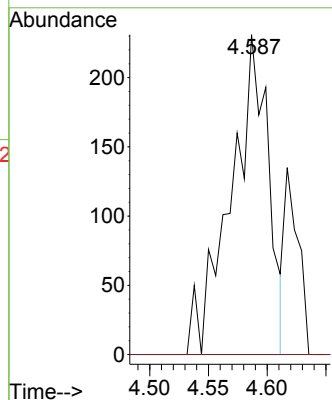
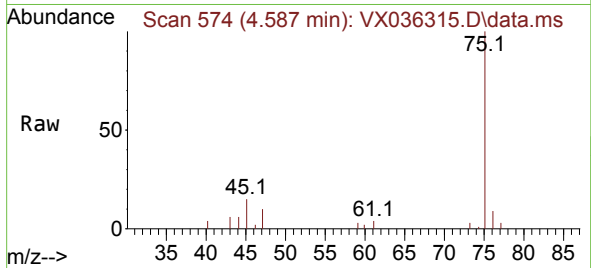




#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.587 min Scan# 514
Delta R.T. 0.019 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

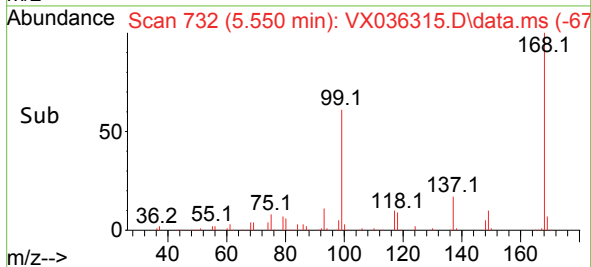
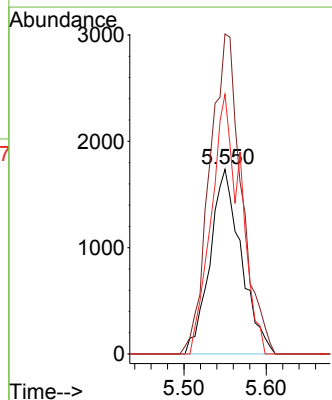
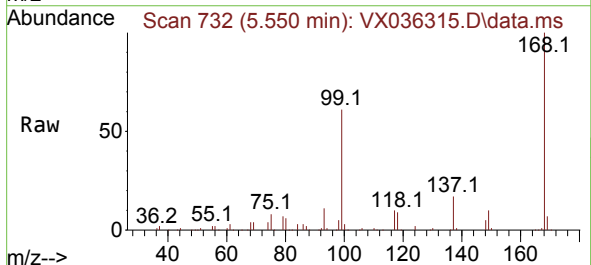
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

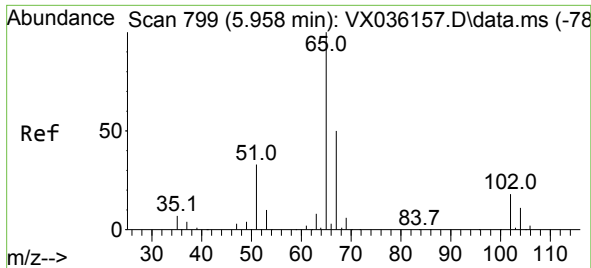
Tgt Ion: 43 Resp: 514
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 56 Resp: 4577
Ion Ratio Lower Upper
56 100
69 173.3 23.4 35.2#
84 140.6 65.9 98.9#

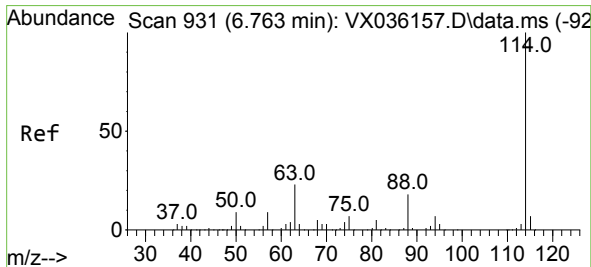
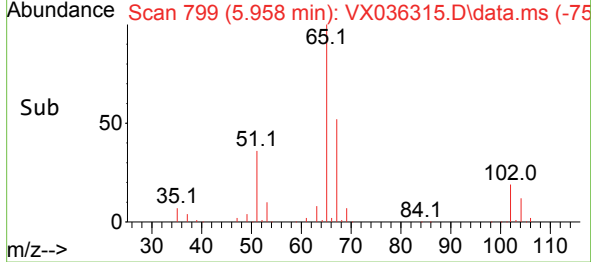
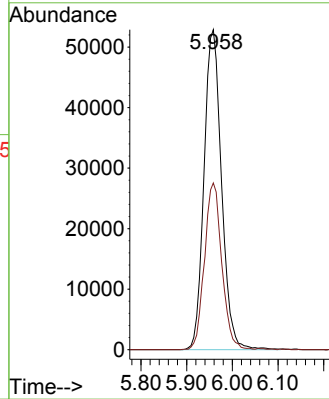
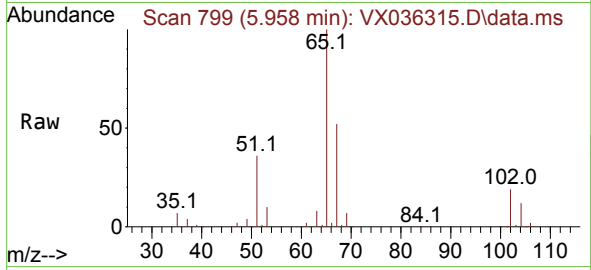




#33
1,2-Dichloroethane-d4
Concen: 47.606 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

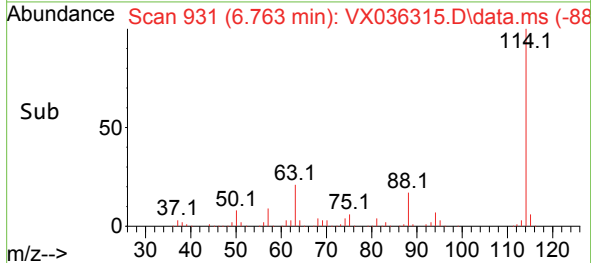
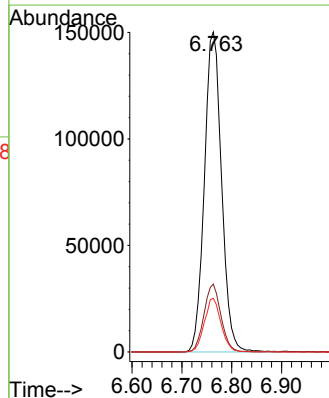
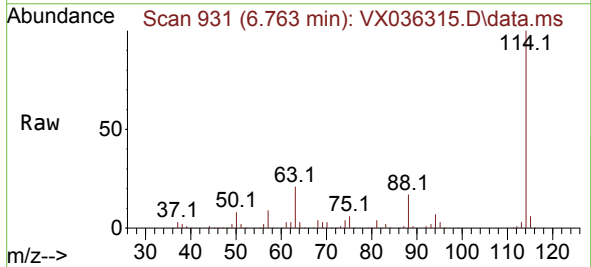
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

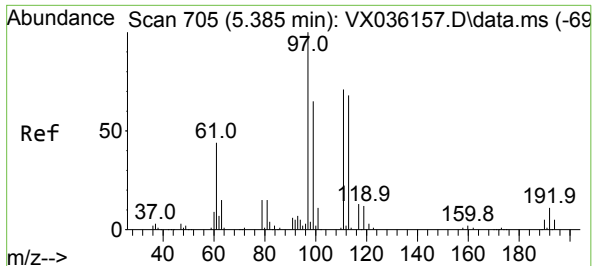
Tgt Ion: 65 Resp: 140605
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion:114 Resp: 359678
Ion Ratio Lower Upper
114 100
63 21.2 0.0 45.0
88 16.7 0.0 36.6

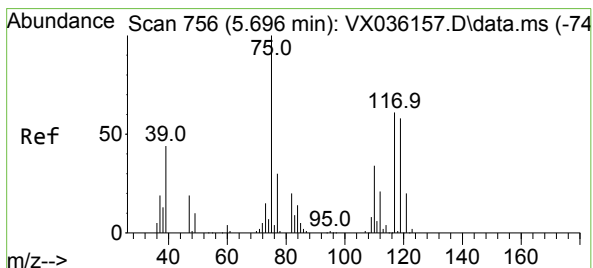
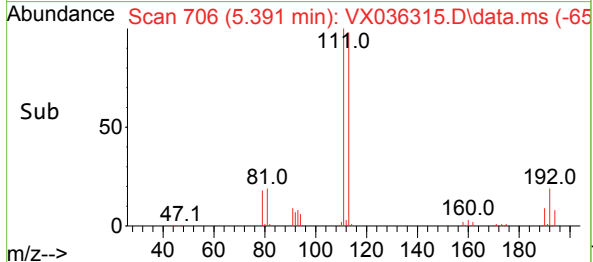
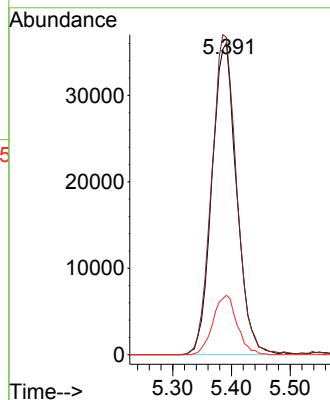
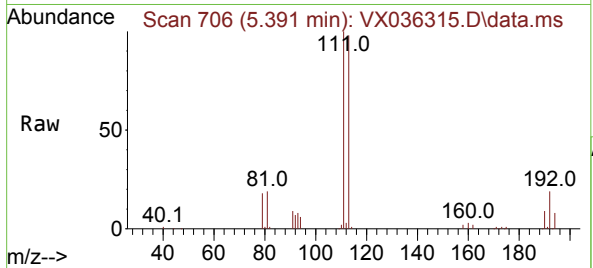




#35
Dibromofluoromethane
Concen: 44.269 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

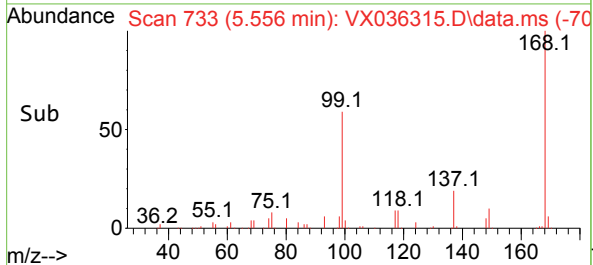
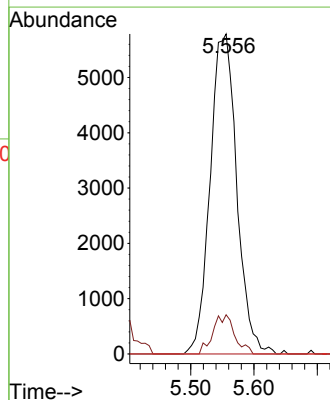
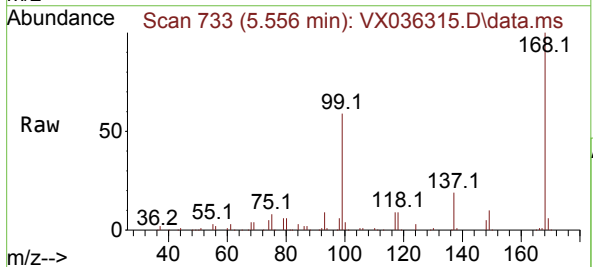
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

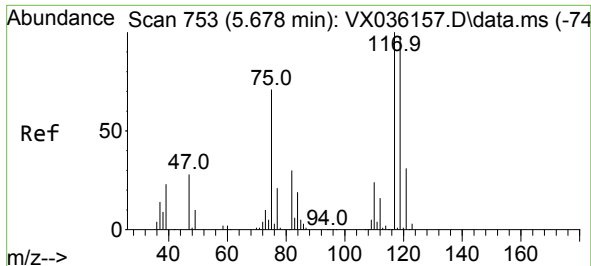
Tgt Ion:113 Resp: 104990
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

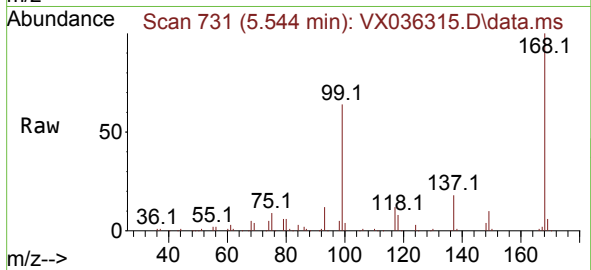
Tgt Ion: 75 Resp: 16906
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



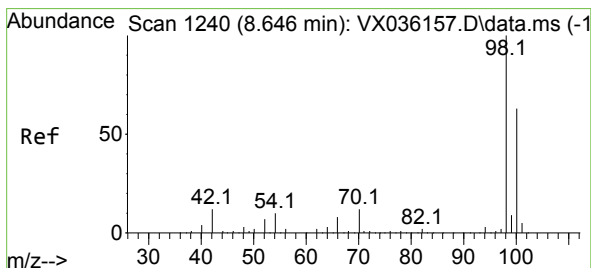
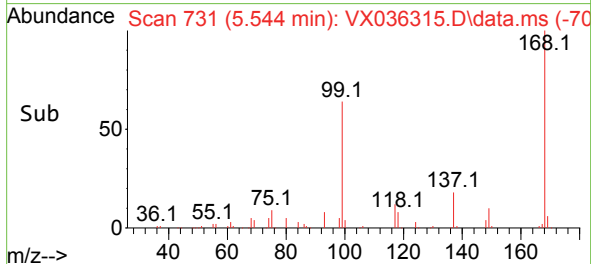
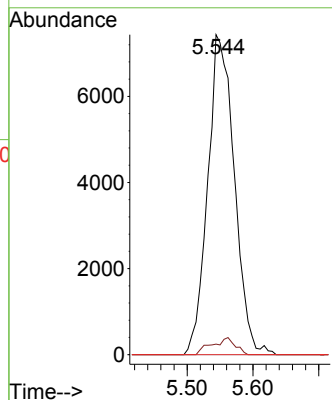


#38
Carbon Tetrachloride
Concen: 6.485 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

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

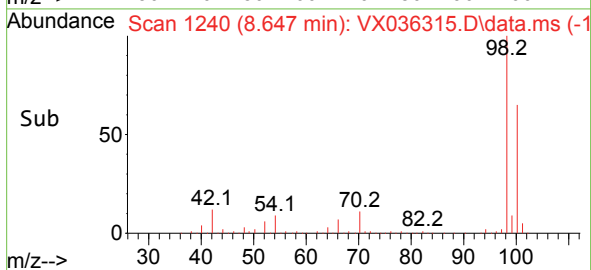
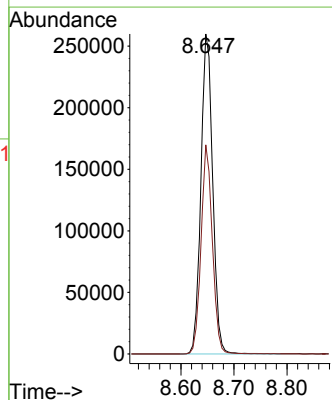
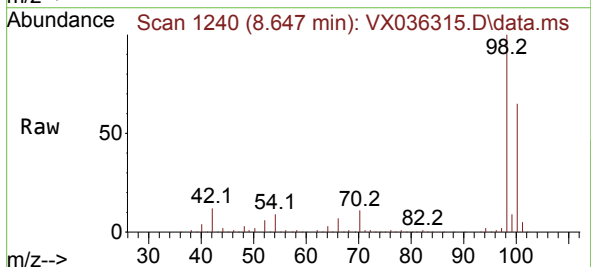


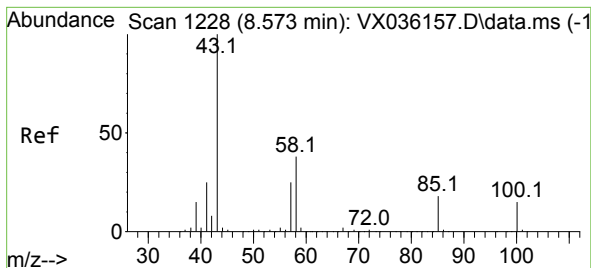
Tgt Ion:117 Resp: 20940
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.302 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 98 Resp: 401284
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7

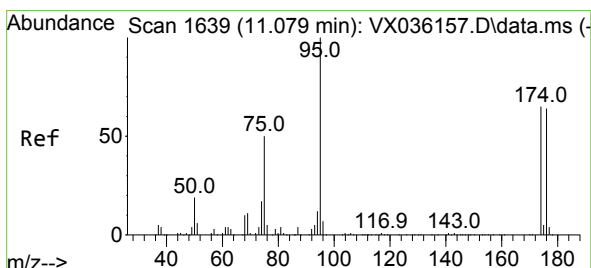
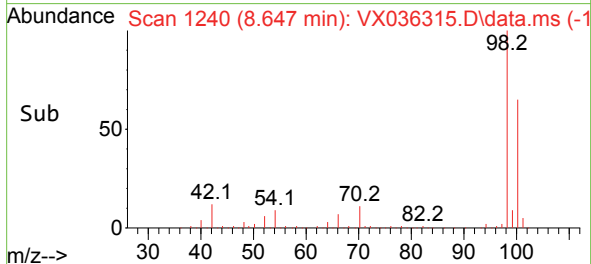
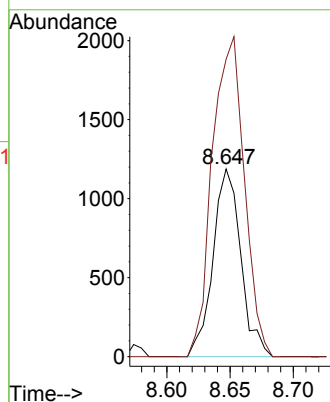
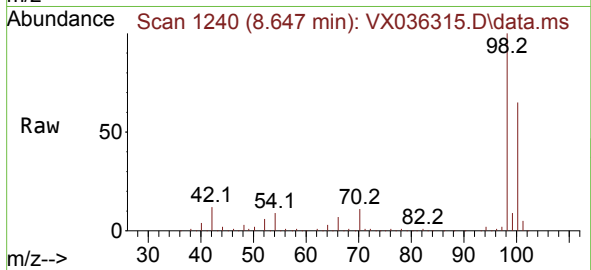




#51
4-Methyl-2-Pentanone
Concen: 0.491 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

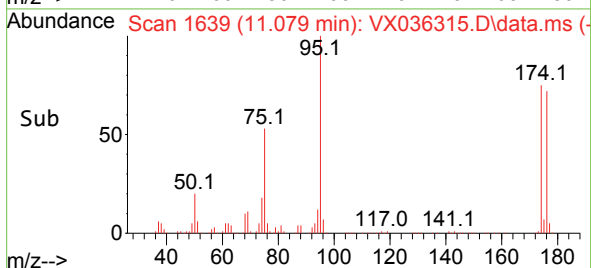
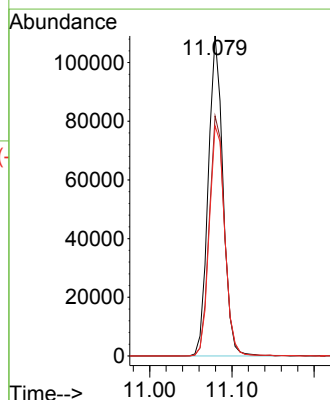
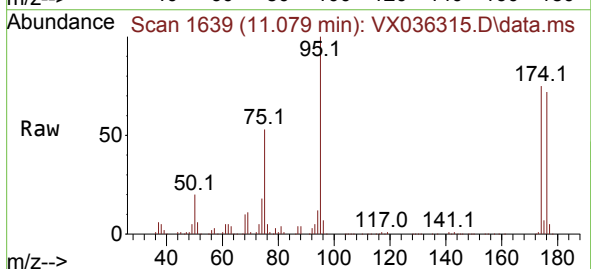
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

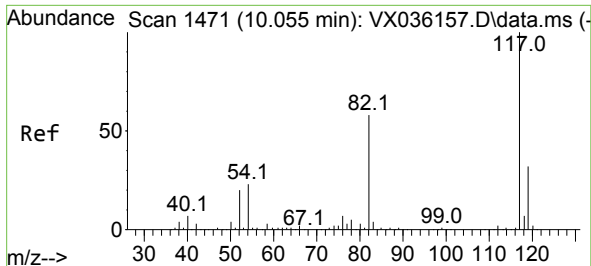
Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 196.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 95 Resp: 135871
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 75.5 0.0 131.0

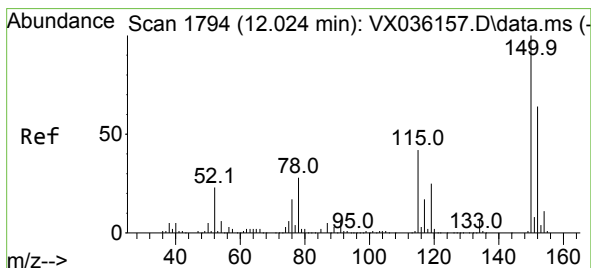
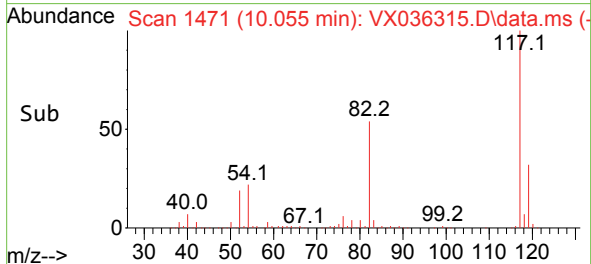
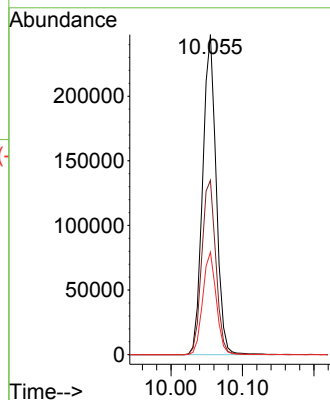
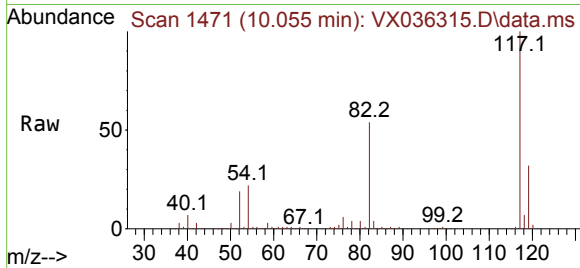




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

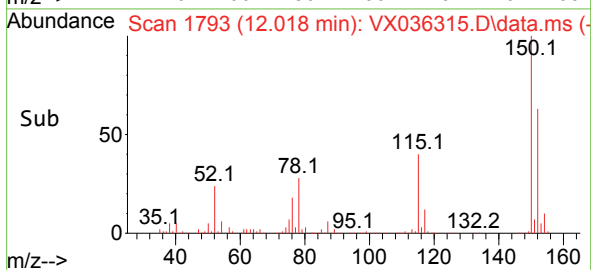
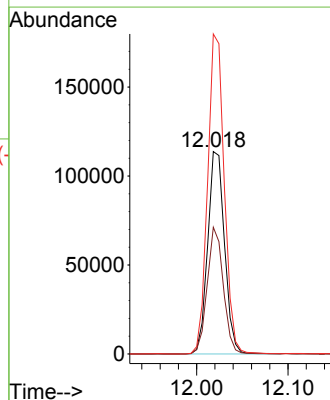
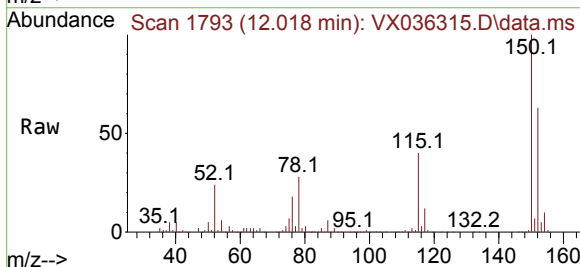
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

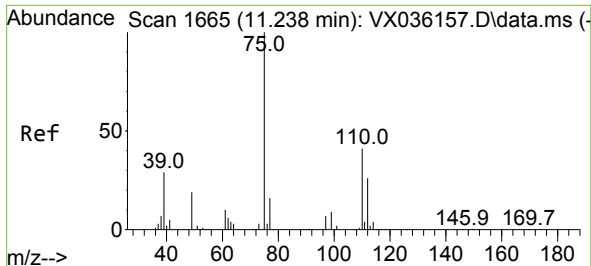
Tgt Ion:117 Resp: 324641
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion:152 Resp: 145706
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 155.6 0.0 345.0

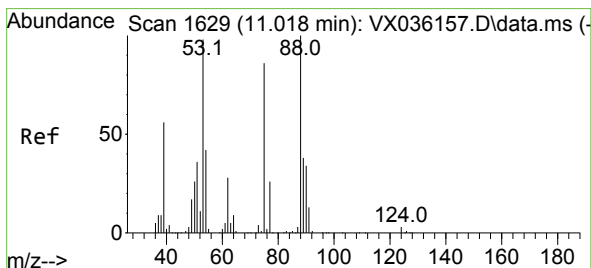
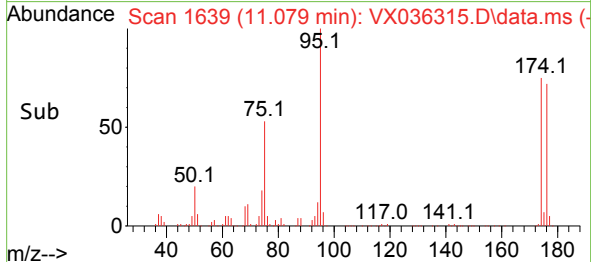
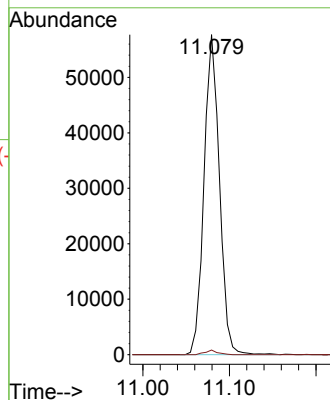
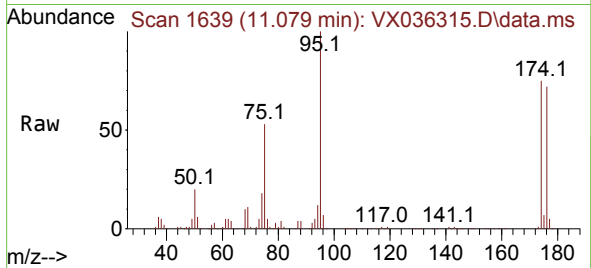




#76
1,2,3-Trichloropropane
Concen: 22.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

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

Tgt Ion: 75 Resp: 71354
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036315.D
Acq: 24 Jun 2023 16:37

Tgt Ion: 75 Resp: 71354
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

