

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036314.D
 Acq On : 24 Jun 2023 16:14
 Operator : JC/MD
 Sample : 03411-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 26 03:26:27 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)

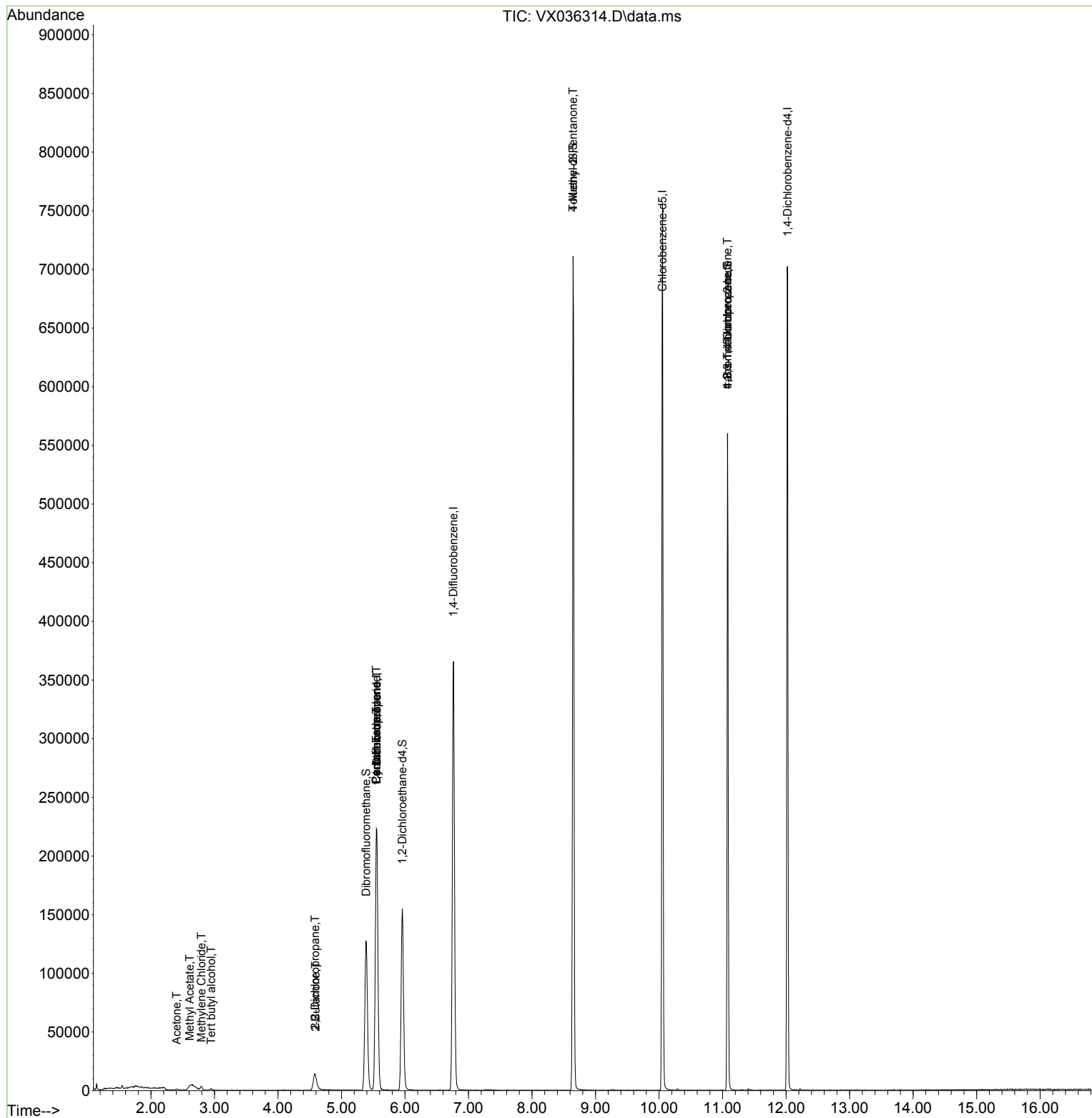
Internal Standards						
1) Pentafluorobenzene	5.549	168	208061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	367291	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148602	49.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.660%
35) Dibromofluoromethane	5.385	113	111289	45.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.900%
50) Toluene-d8	8.646	98	419215	46.345	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	143236	44.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1021	1.881	ug/l #	78
16) Acetone	2.404	43	1703	1.336	ug/l	95
18) Methyl Acetate	2.611	43	1518	0.290	ug/l #	53
20) Methylene Chloride	2.794	84	1521	0.554	ug/l	93
25) 2-Butanone	4.592	43	1142	0.624	ug/l #	51
26) 2,2-Dichloropropane	4.586	77	1260	0.391	ug/l #	54
31) Cyclohexane	5.549	56	4928	1.289	ug/l #	12
36) 1,1-Dichloropropene	5.555	75	17190	4.762	ug/l #	50
38) Carbon Tetrachloride	5.549	117	21366	6.480	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1861	0.492	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	75295	24.264	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75295	79.096	ug/l #	5

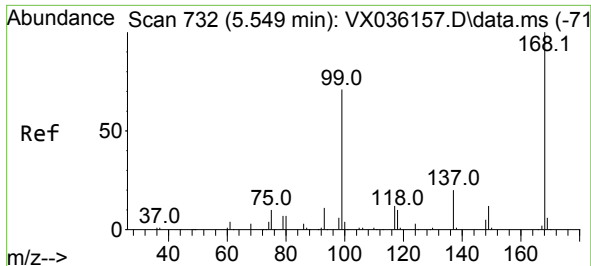
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jun 26 03:26:27 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

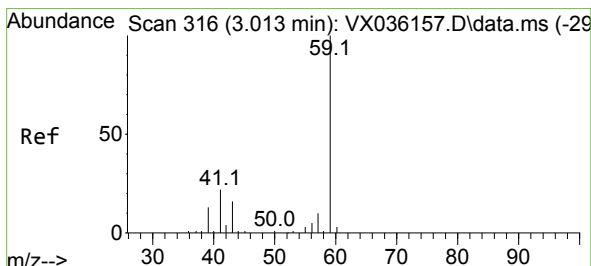
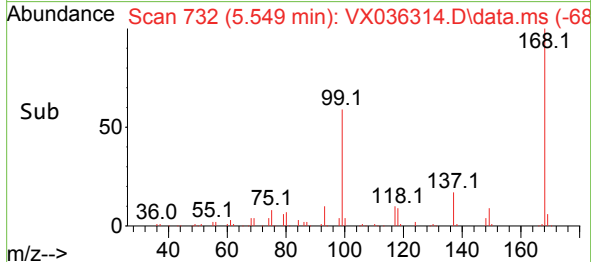
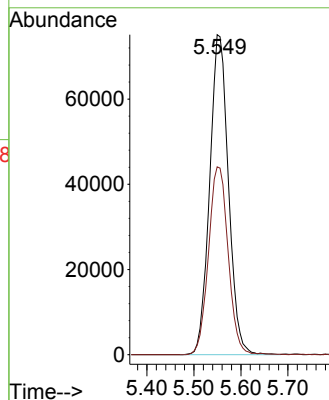
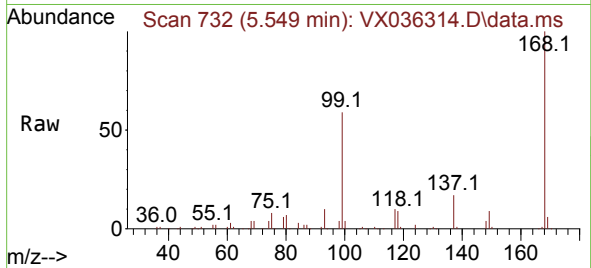




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

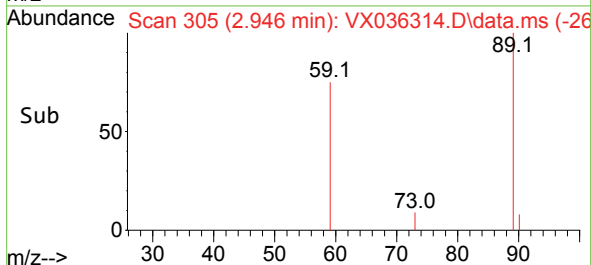
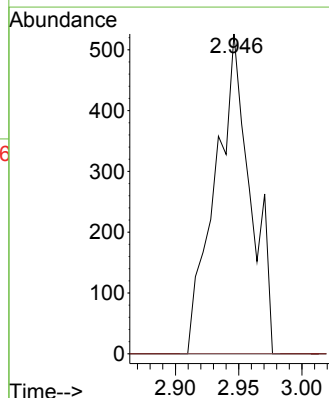
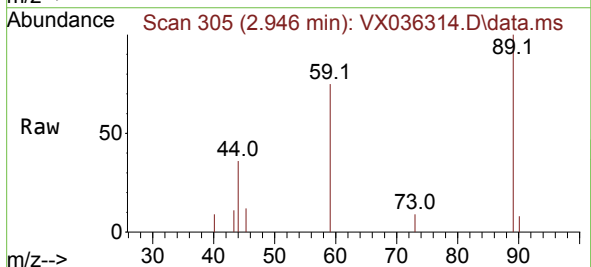
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

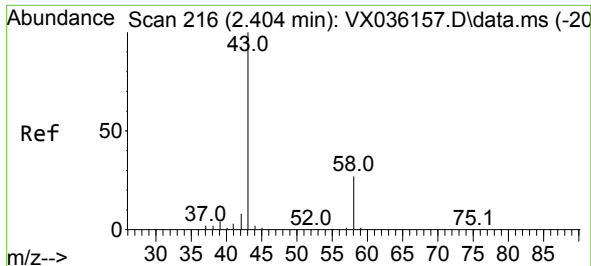
Tgt Ion:168 Resp: 208061
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.881 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.067 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion: 59 Resp: 1021
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

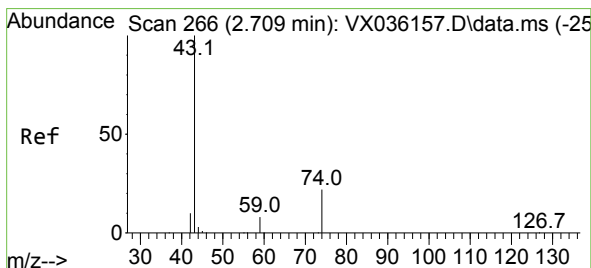
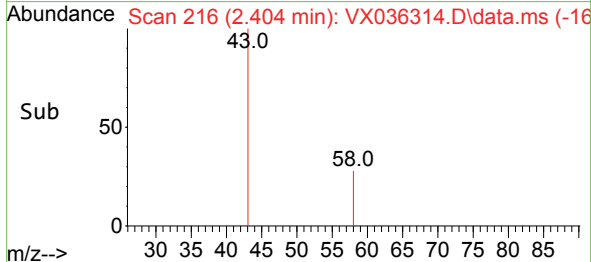
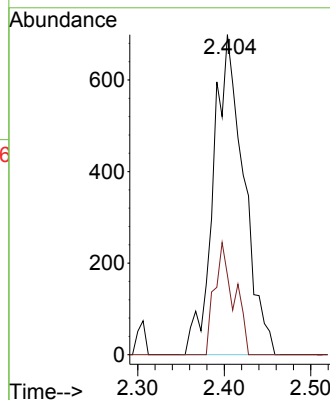
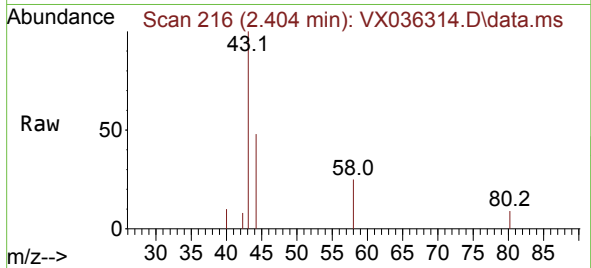




#16
Acetone
Concen: 1.336 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

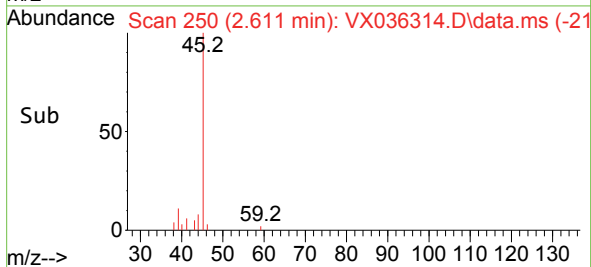
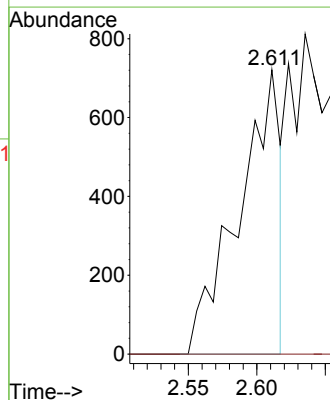
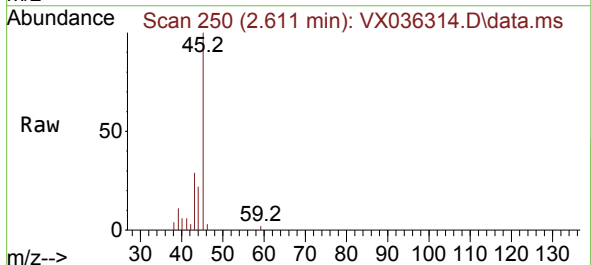
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

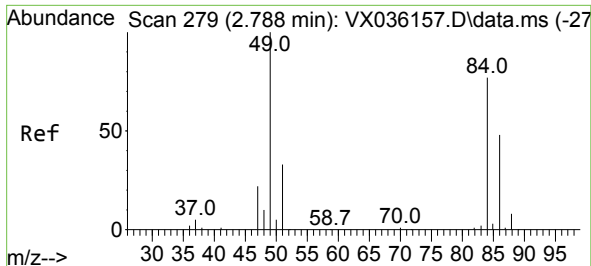
Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 24.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.290 ug/l
RT: 2.611 min Scan# 250
Delta R.T. -0.098 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion: 43 Resp: 1518
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#

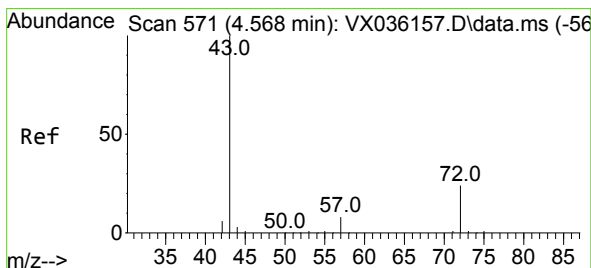
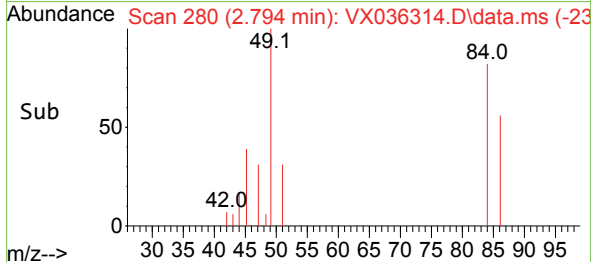
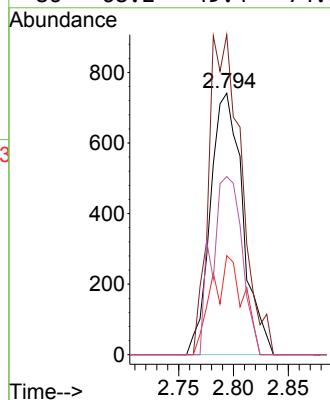
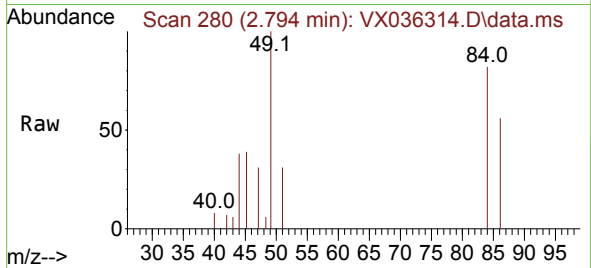




#20
Methylene Chloride
Concen: 0.554 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

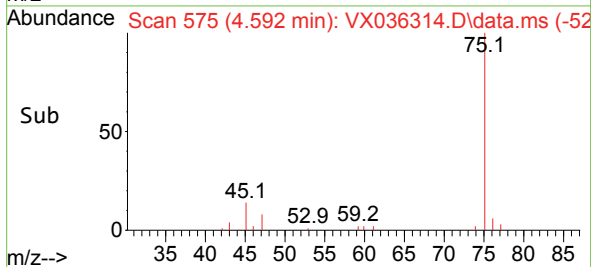
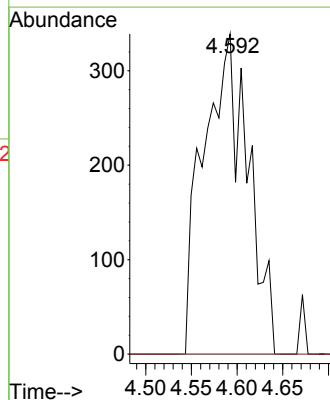
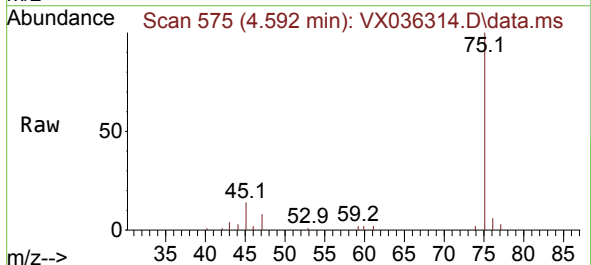
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

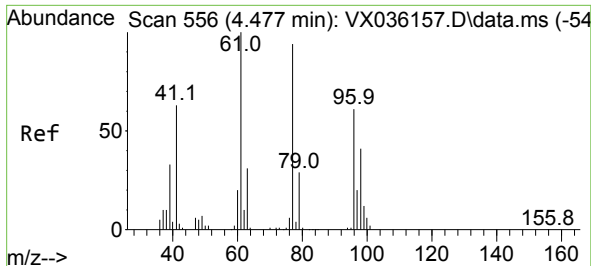
Tgt Ion:	84	Resp:	1521
Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.6	155.4
51	37.9	33.8	50.6
86	68.2	49.4	74.0



#25
2-Butanone
Concen: 0.624 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion:	43	Resp:	1142
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

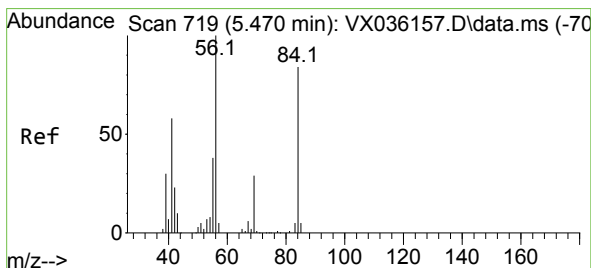
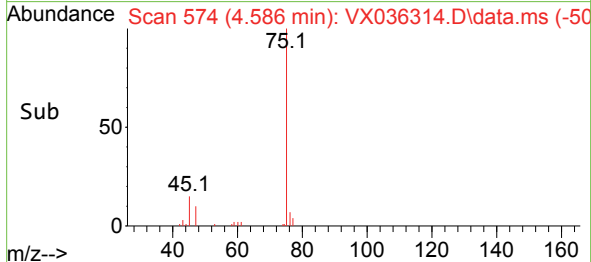
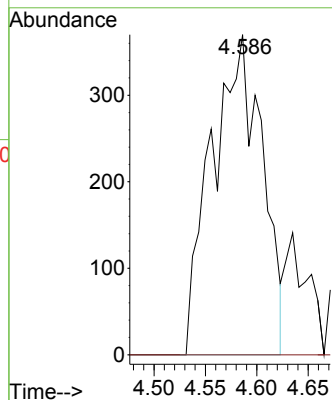
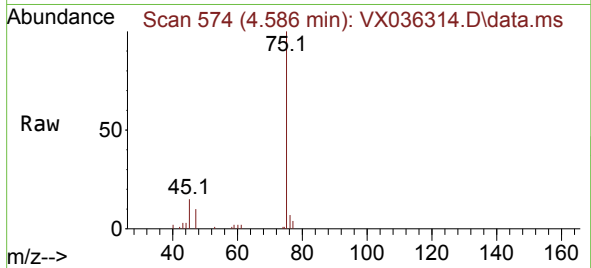




#26
2,2-Dichloropropane
Concen: 0.391 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.109 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

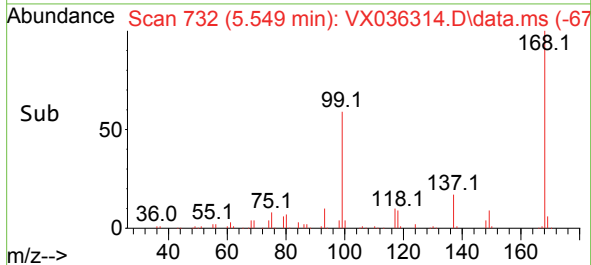
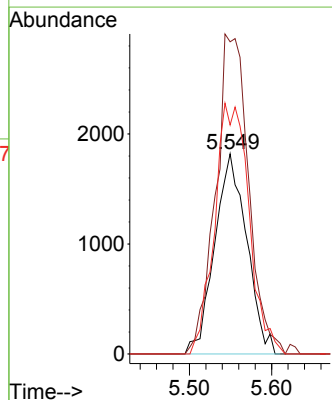
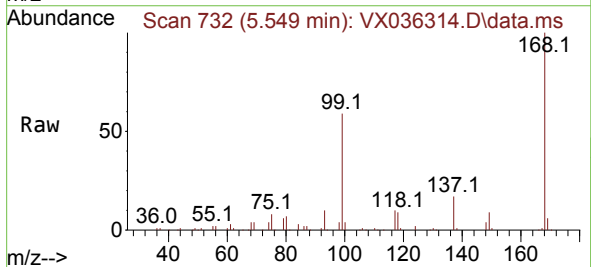
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

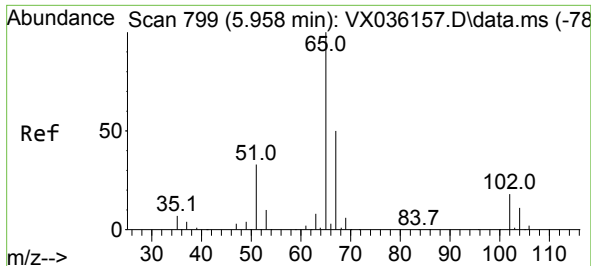
Tgt Ion: 77 Resp: 1260
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion: 56 Resp: 4928
Ion Ratio Lower Upper
56 100
69 156.0 23.4 35.2#
84 114.5 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.826 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX036314.D

Acq: 24 Jun 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

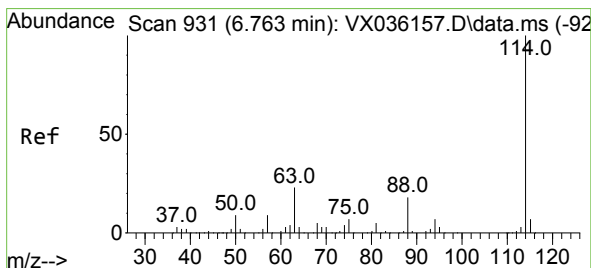
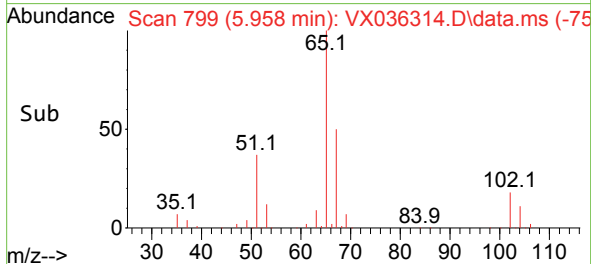
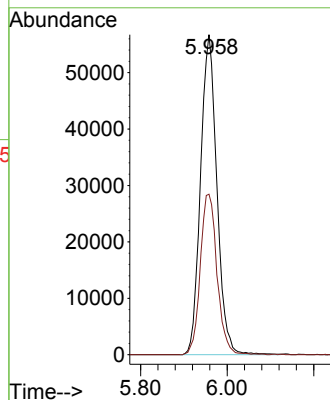
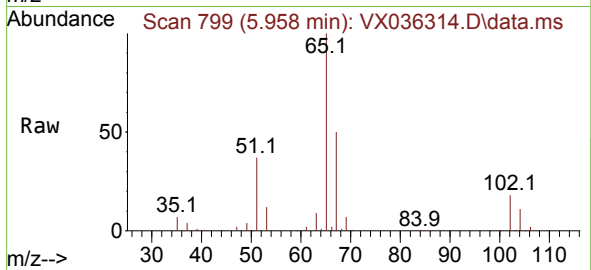
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 148602

Ion Ratio Lower Upper

65 100

67 51.4 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: VX036314.D

Acq: 24 Jun 2023 16:14

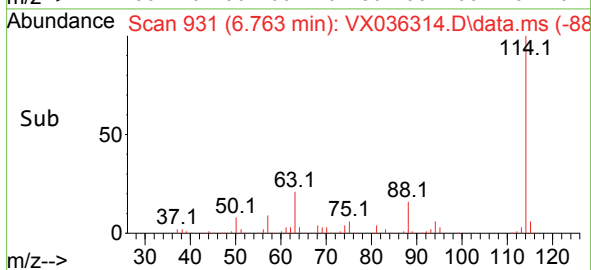
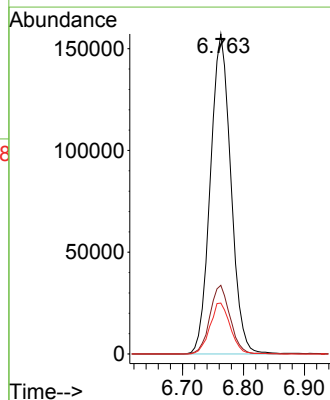
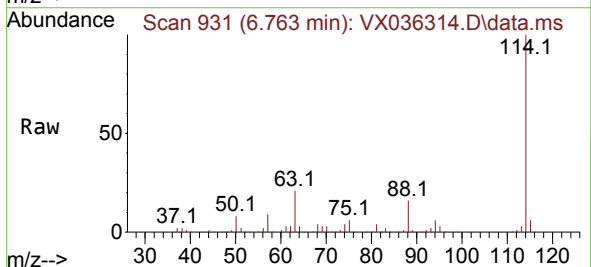
Tgt Ion: 114 Resp: 367291

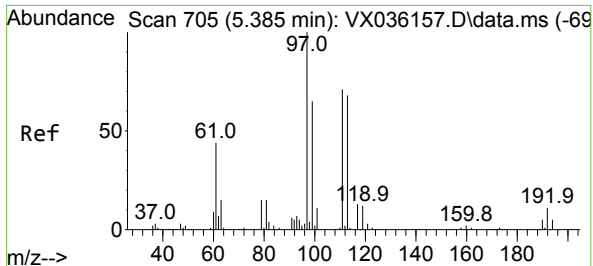
Ion Ratio Lower Upper

114 100

63 21.4 0.0 45.0

88 15.9 0.0 36.6

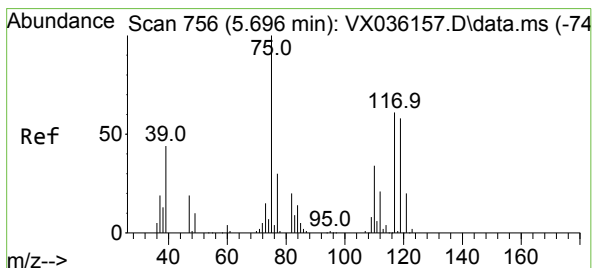
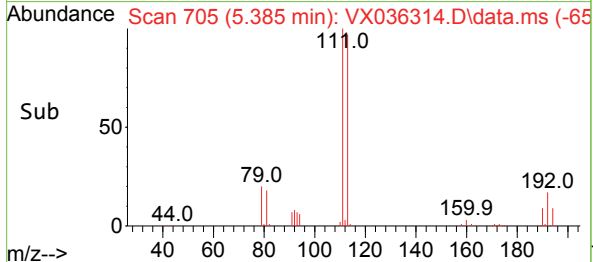
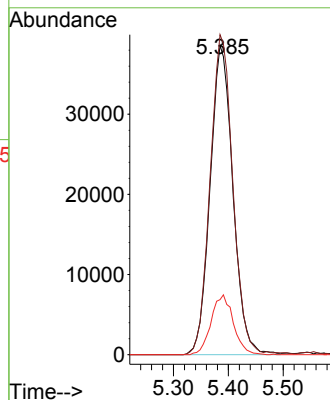
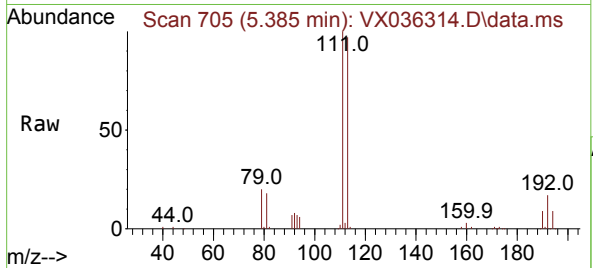




#35
Dibromofluoromethane
Concen: 45.953 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

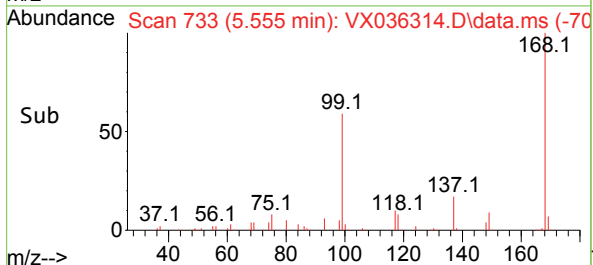
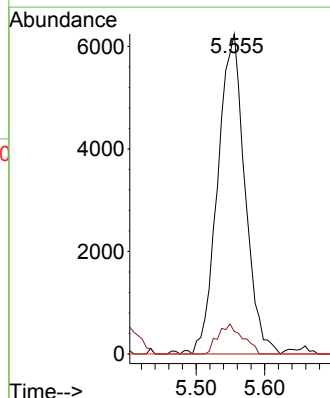
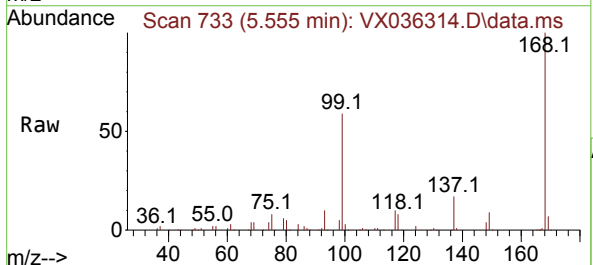
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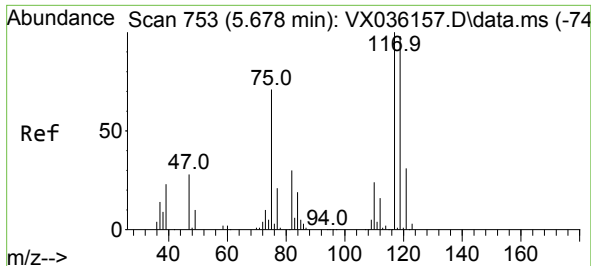
Tgt Ion:113 Resp: 111289
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.762 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.141 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

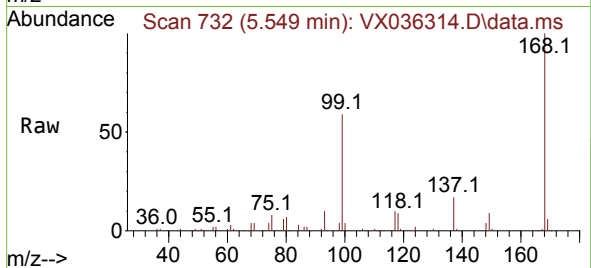
Tgt Ion: 75 Resp: 17190
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



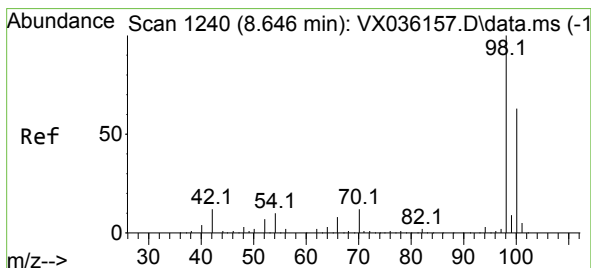
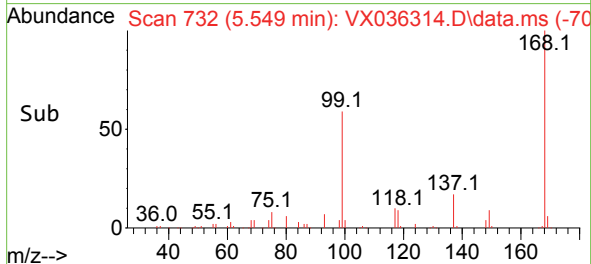
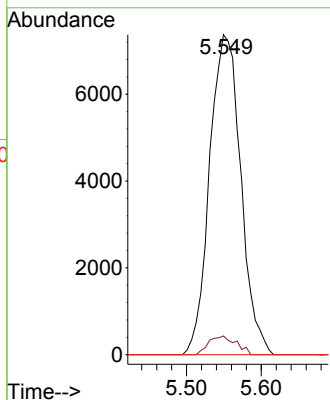


#38
Carbon Tetrachloride
Concen: 6.480 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

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

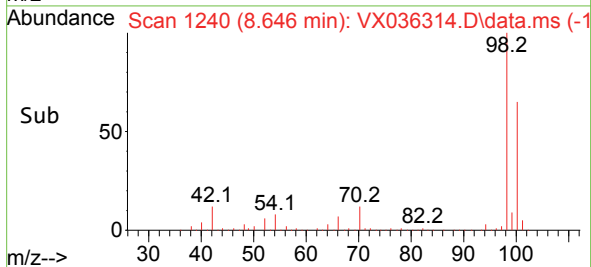
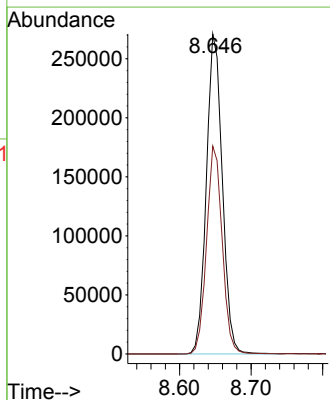
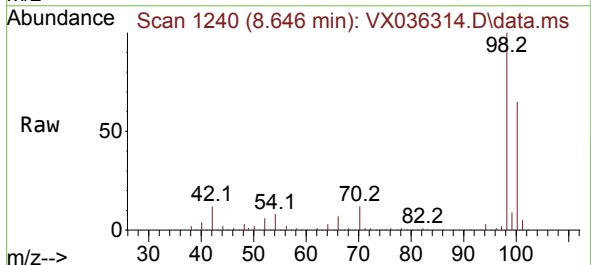


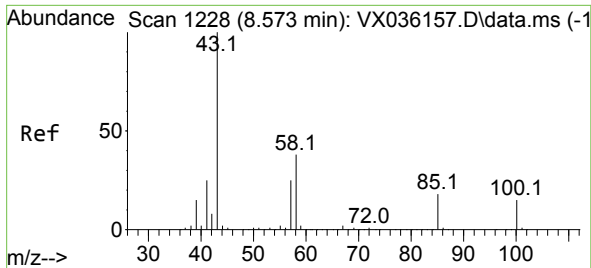
Tgt Ion:117 Resp: 21366
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.345 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion: 98 Resp: 419215
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

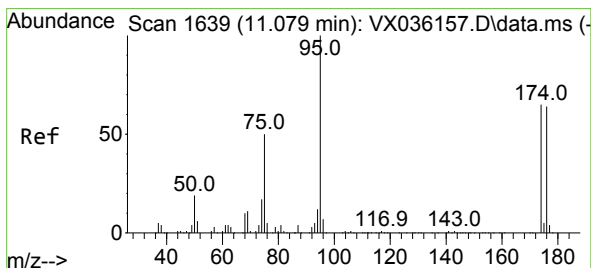
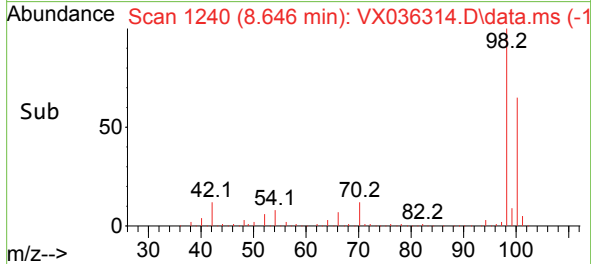
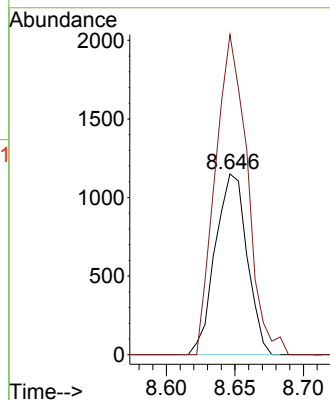
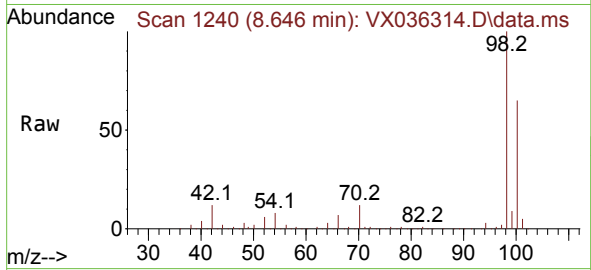




#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

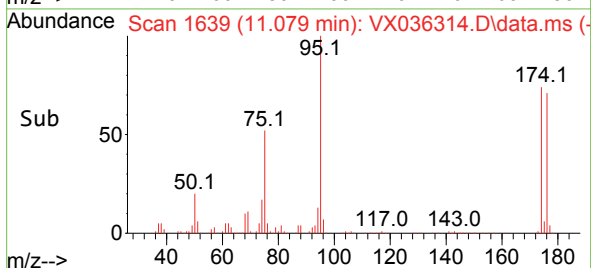
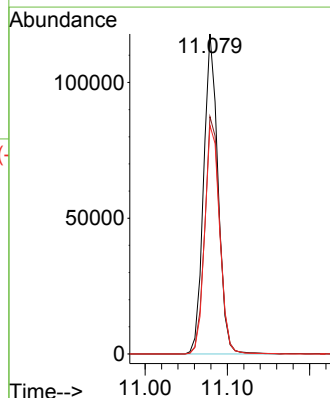
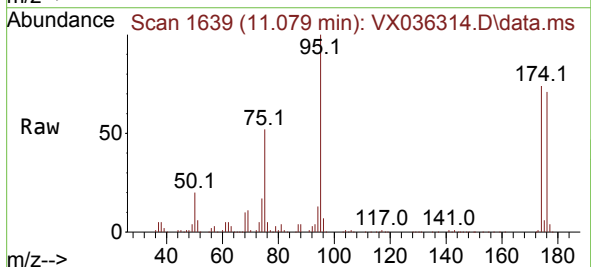
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

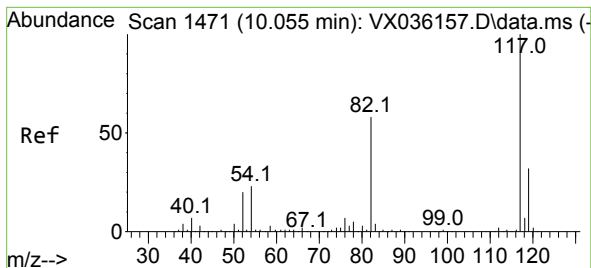
Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
58 177.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion: 95 Resp: 143236
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 74.6 0.0 131.0

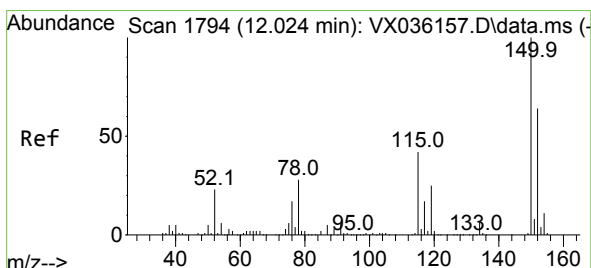
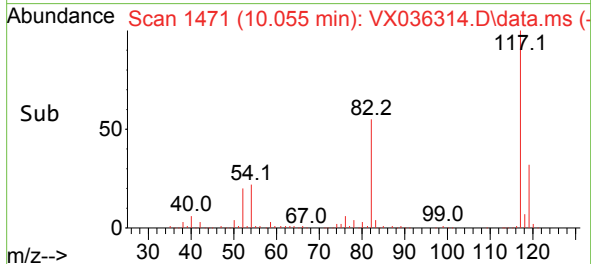
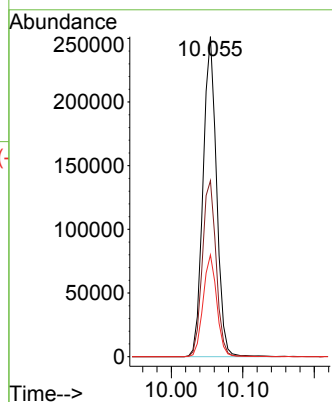
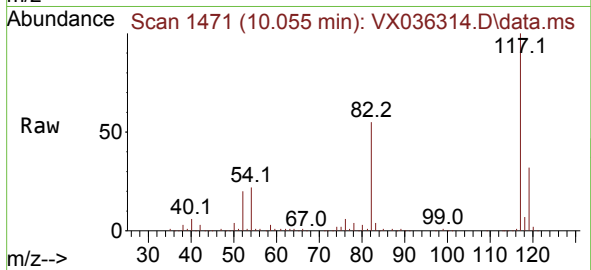




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

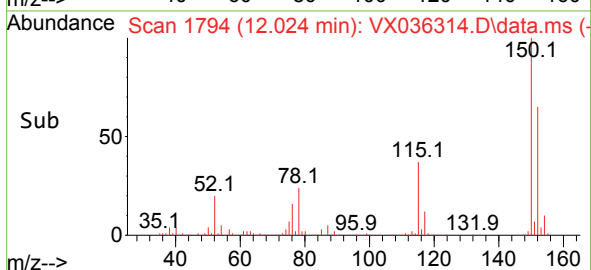
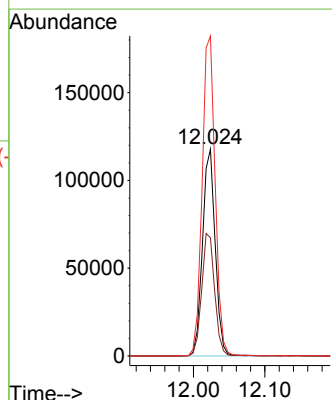
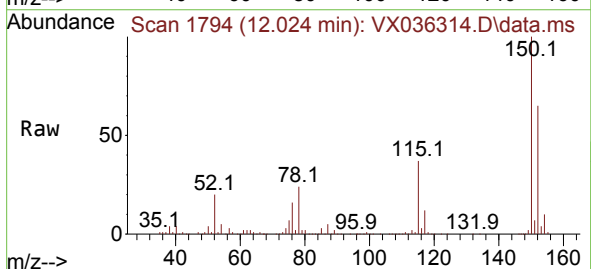
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

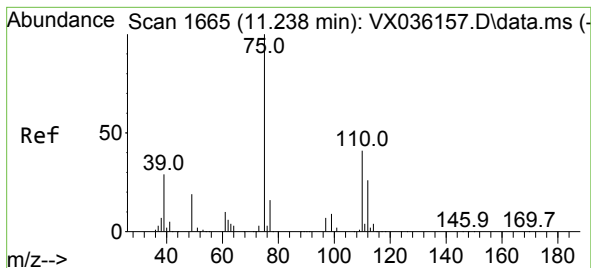
Tgt Ion:117 Resp: 329444
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036314.D
Acq: 24 Jun 2023 16:14

Tgt Ion:152 Resp: 145479
Ion Ratio Lower Upper
152 100
115 60.3 43.3 129.9
150 158.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.264 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036314.D

Acq: 24 Jun 2023 16:14

Instrument :

MSVOA_X

ClientSampleId :

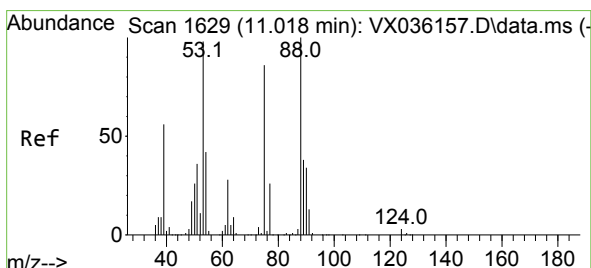
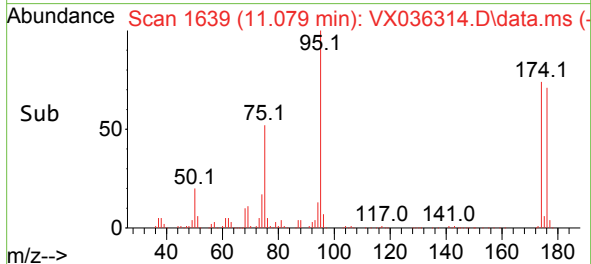
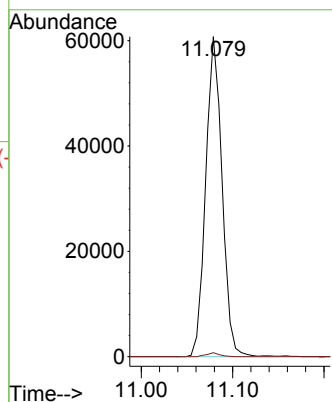
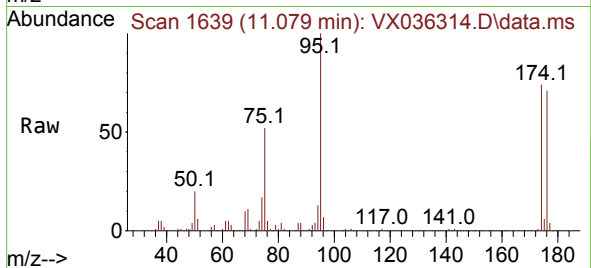
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 75295

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 79.096 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036314.D

Acq: 24 Jun 2023 16:14

Tgt Ion: 75 Resp: 75295

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

