

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038132.D
 Acq On : 06 Oct 2023 15:44
 Operator : JC/MD
 Sample : 04796-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Oct 07 04:21:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

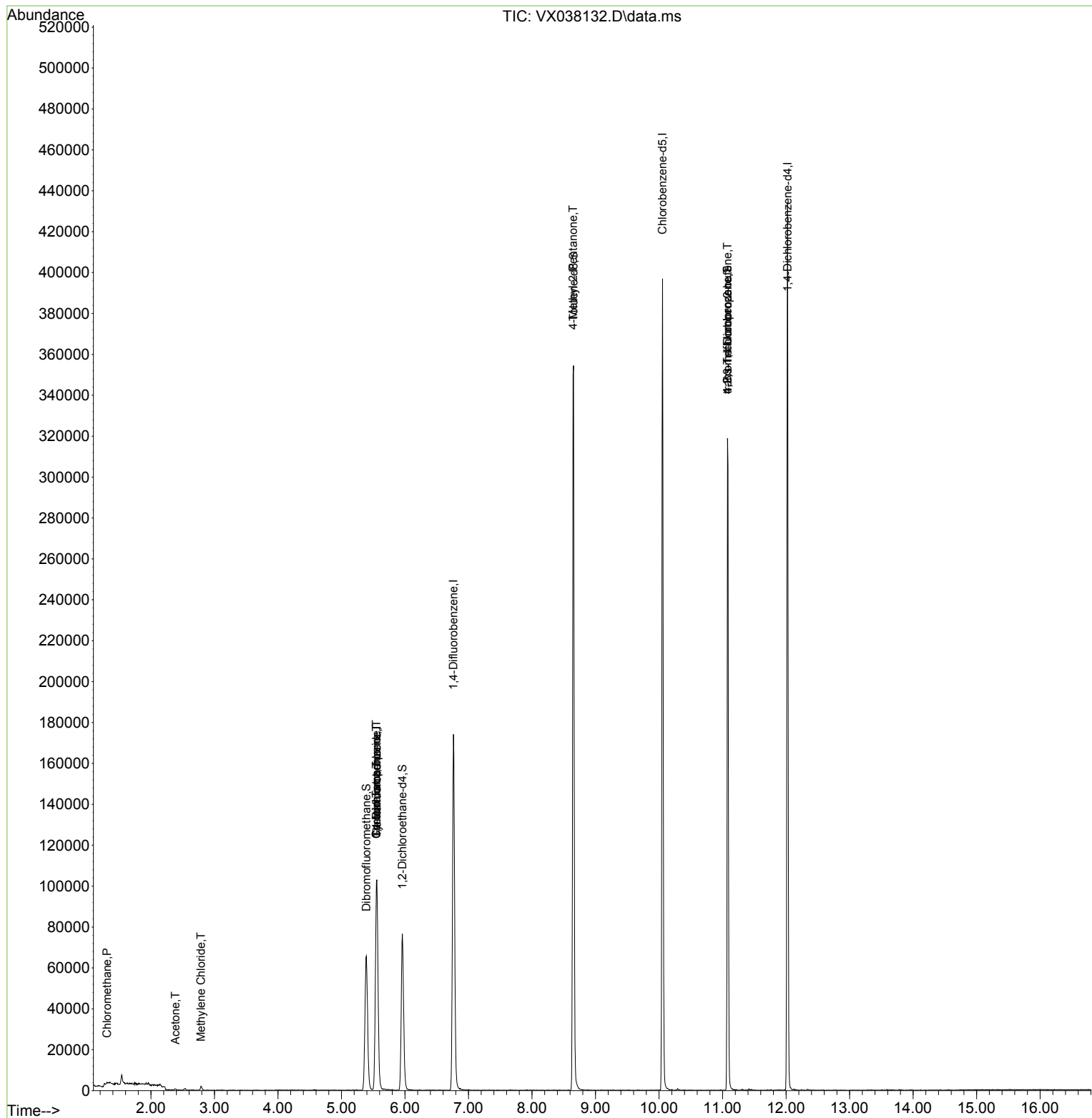
Internal Standards						
1) Pentafluorobenzene	5.556	168	96240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71757	46.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.720%
35) Dibromofluoromethane	5.391	113	55566	44.440	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.653	98	218660	45.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.520%#
62) 4-Bromofluorobenzene	11.079	95	81083	44.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	349	0.369	ug/l #	43
5) Bromomethane	1.654	94	19	Below Cal	#	3
6) Chloroethane	1.684	64	136	Below Cal	#	43
16) Acetone	2.385	43	624	0.966	ug/l #	84
20) Methylene Chloride	2.788	84	869	0.715	ug/l #	90
31) Cyclohexane	5.550	56	2632	1.569	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	8004	4.642	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10088	5.947	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	996	0.472	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	45110	22.691	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	45110	64.946	ug/l #	5

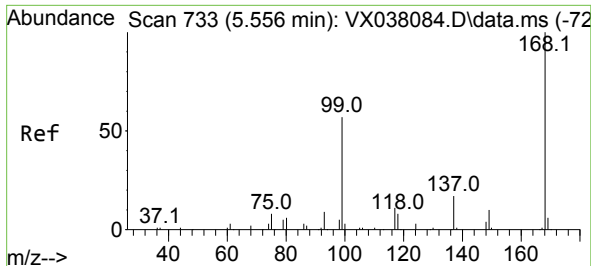
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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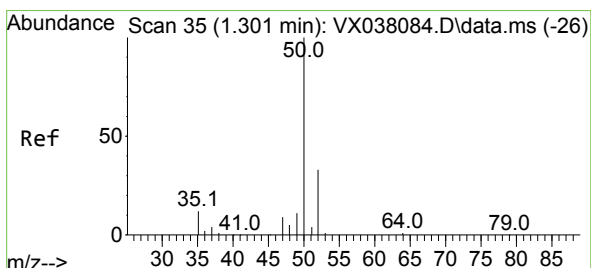
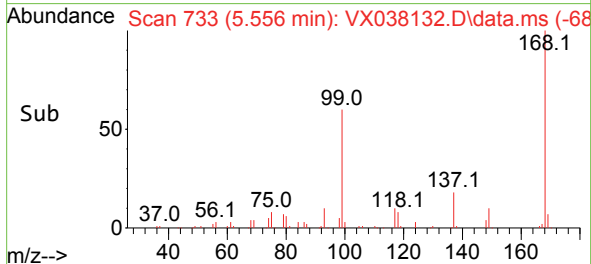
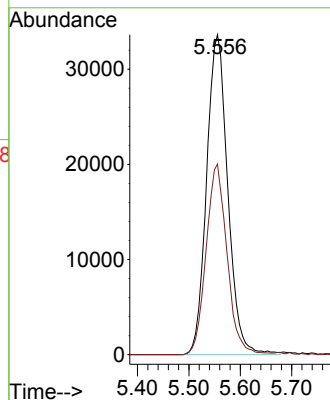
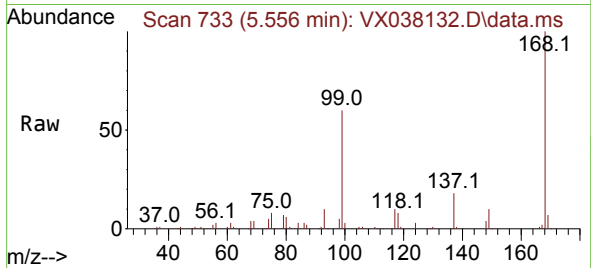




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

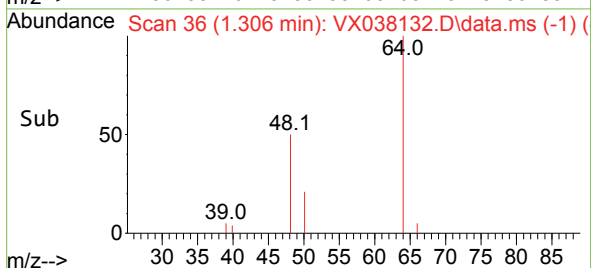
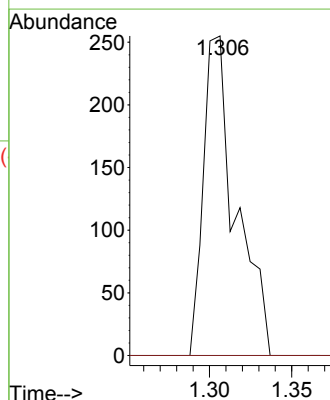
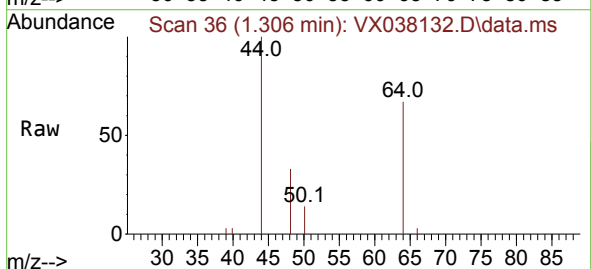
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

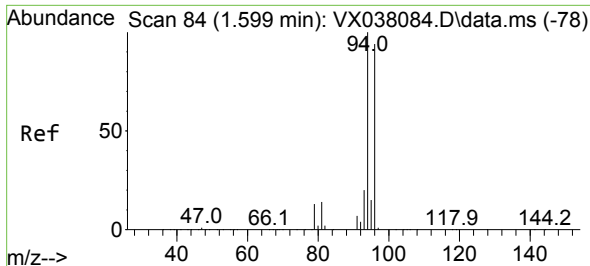
Tgt Ion:168 Resp: 96240
Ion Ratio Lower Upper
168 100
99 59.6 56.6 85.0



#3
Chloromethane
Concen: 0.369 ug/l
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

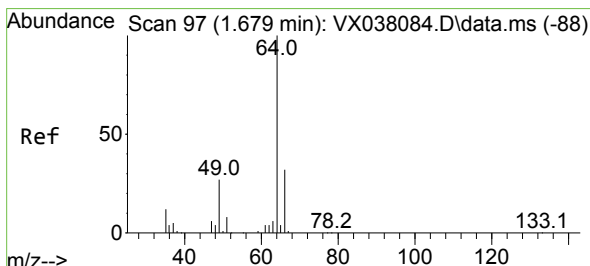
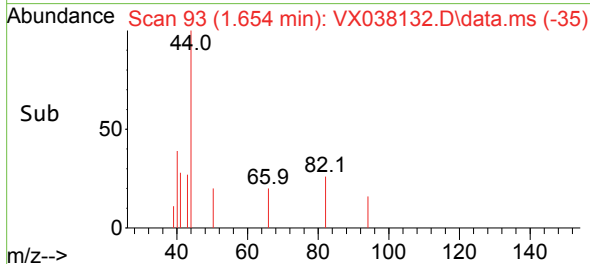
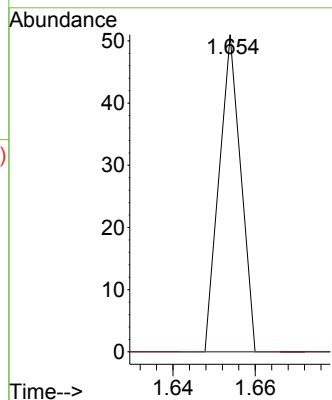
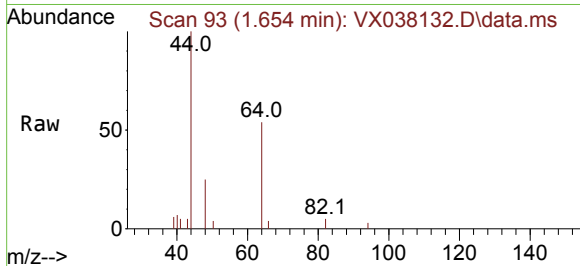




#5
Bromomethane
Concen: Below Cal
RT: 1.654 min Scan# 91
Delta R.T. 0.055 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

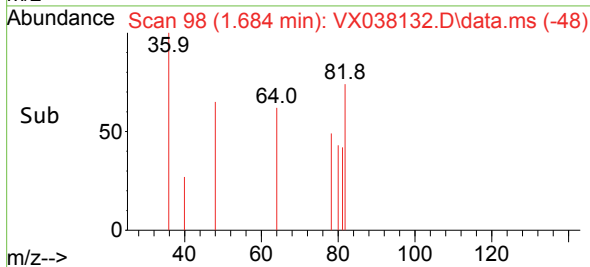
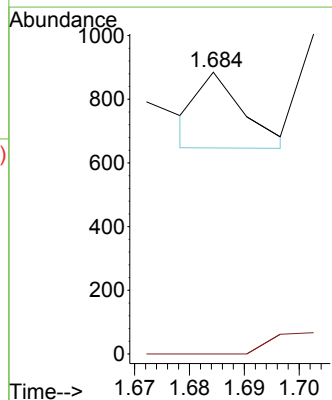
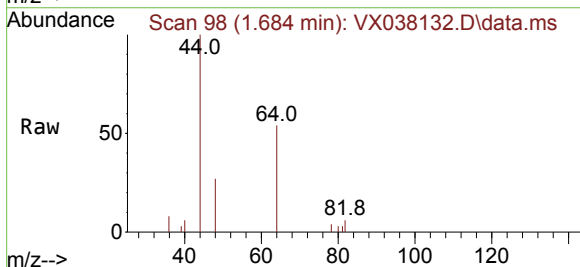
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

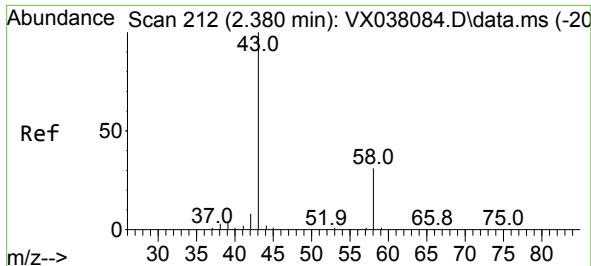
Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. 0.005 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 64 Resp: 136
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#16

Acetone

Concen: 0.966 ug/l

RT: 2.385 min Scan# 21

Delta R.T. 0.005 min

Lab File: VX038132.D

Acq: 06 Oct 2023 15:44

Instrument :

MSVOA_X

ClientSampleId :

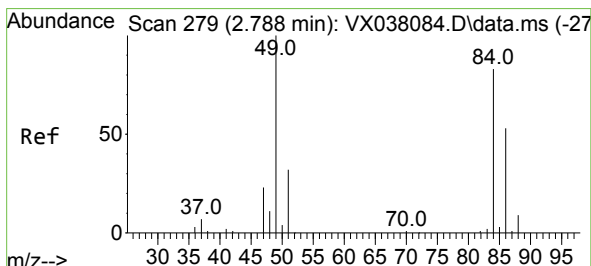
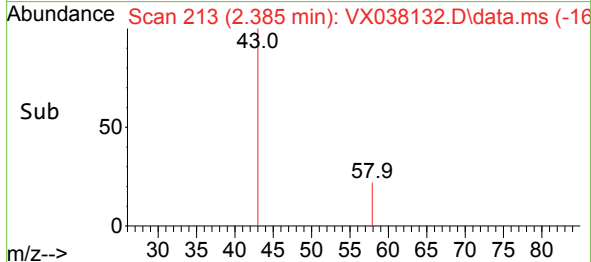
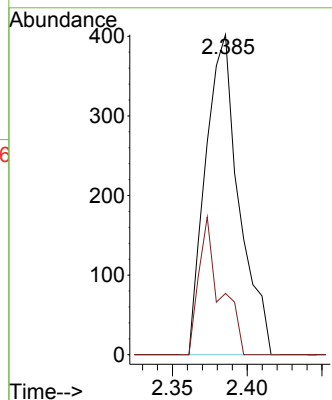
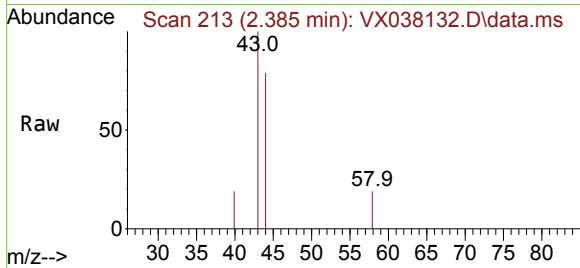
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

58 19.2 21.9 32.9#



#20

Methylene Chloride

Concen: 0.715 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038132.D

Acq: 06 Oct 2023 15:44

Tgt Ion: 84 Resp: 869

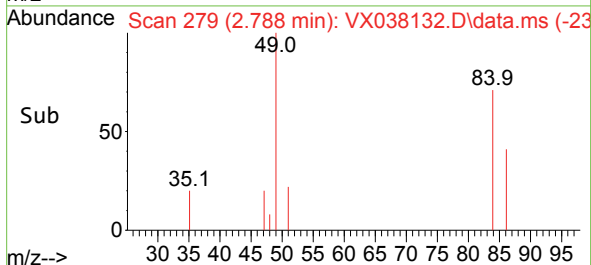
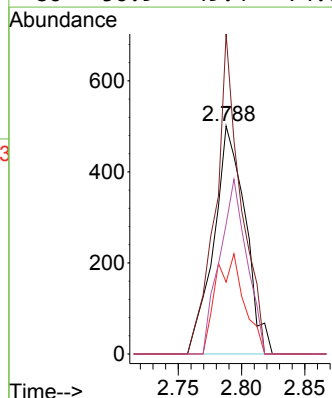
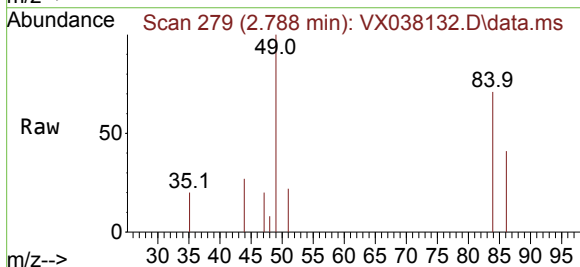
Ion Ratio Lower Upper

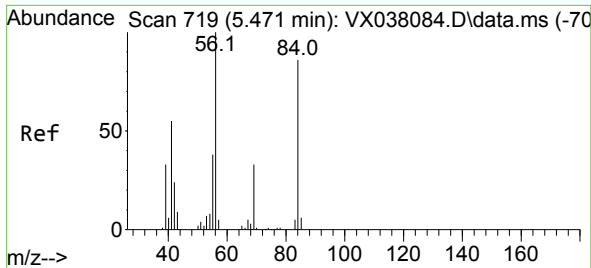
84 100

49 140.3 103.6 155.4

51 31.5 33.8 50.6#

86 56.9 49.4 74.0

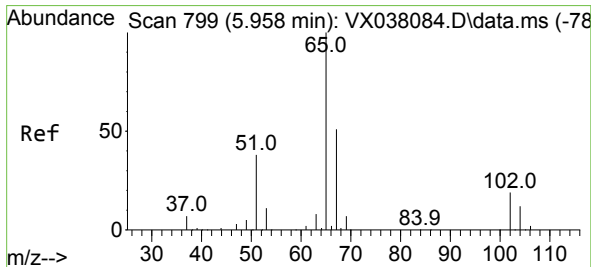
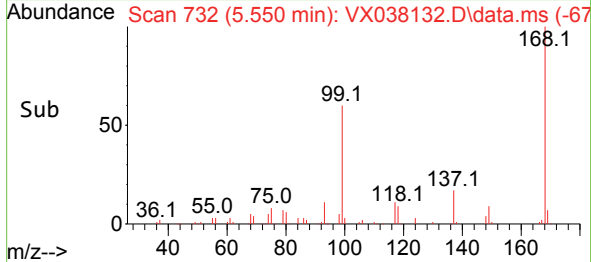
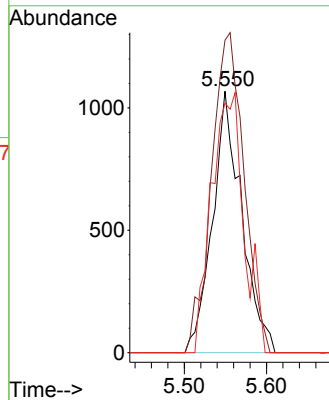
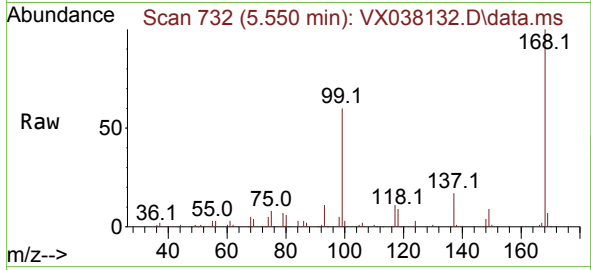




#31
Cyclohexane
Concen: 1.569 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

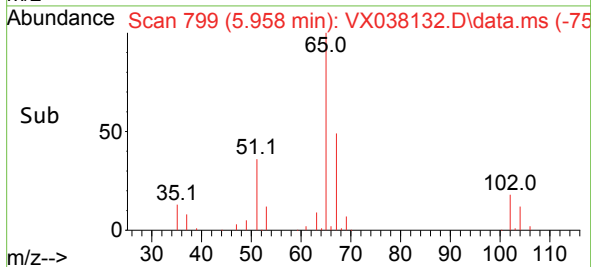
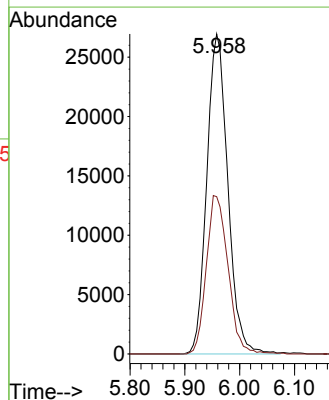
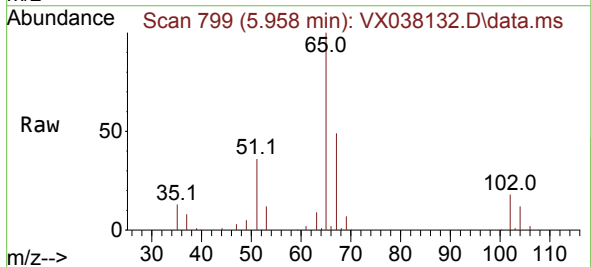
Instrument :
MSVOA_X
ClientSampleId :
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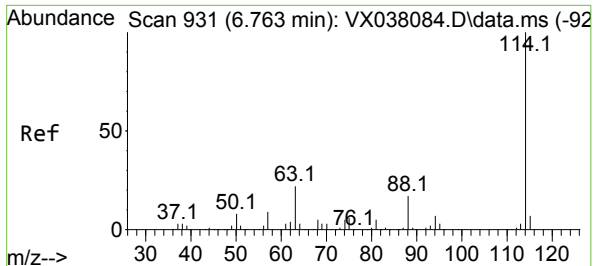
Tgt Ion: 56 Resp: 2632
Ion Ratio Lower Upper
56 100
69 119.5 23.4 35.2#
84 95.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 46.356 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 65 Resp: 71757
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

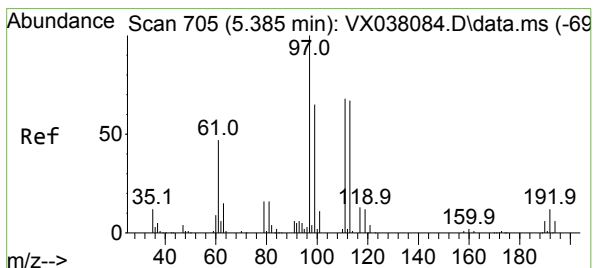
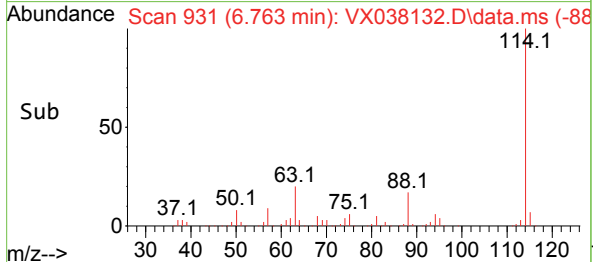
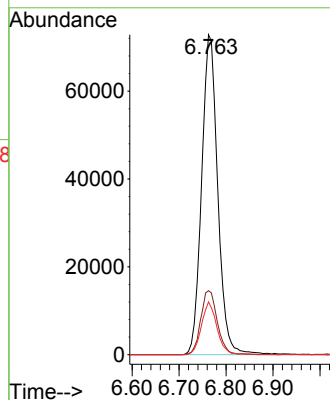
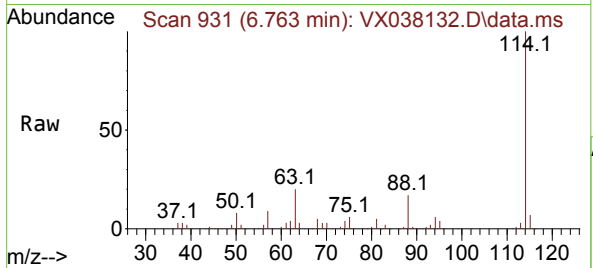




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

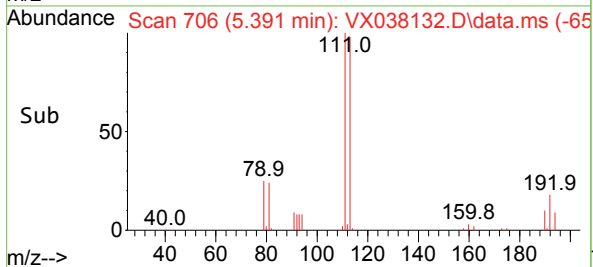
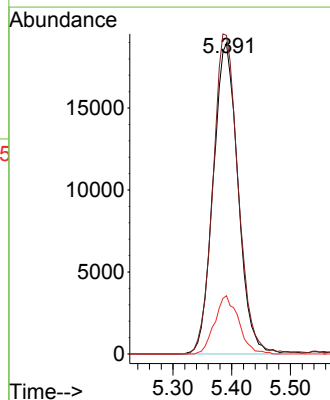
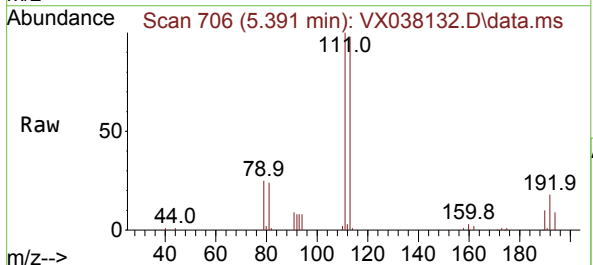
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

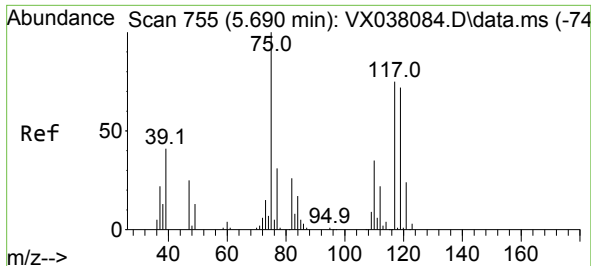
Tgt Ion:114 Resp: 173526
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.440 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion:113 Resp: 55566
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.1 13.3 19.9

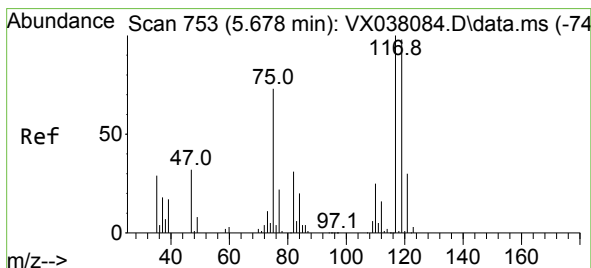
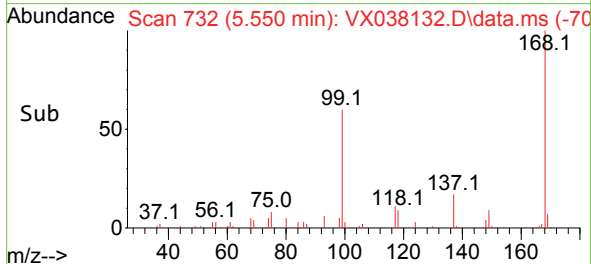
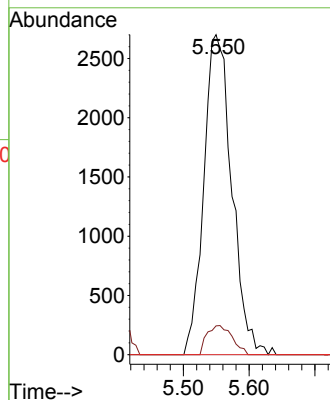
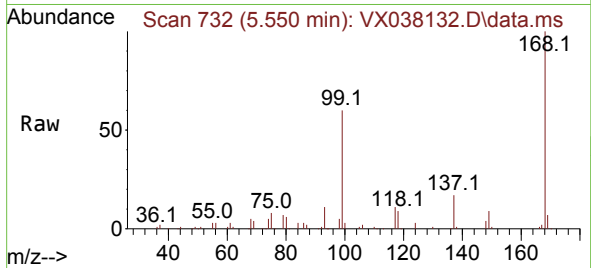




#36
1,1-Dichloropropene
Concen: 4.642 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

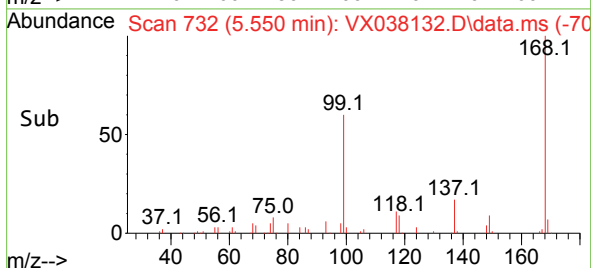
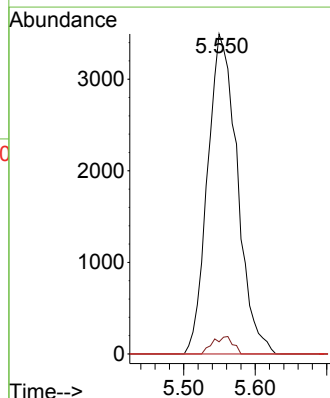
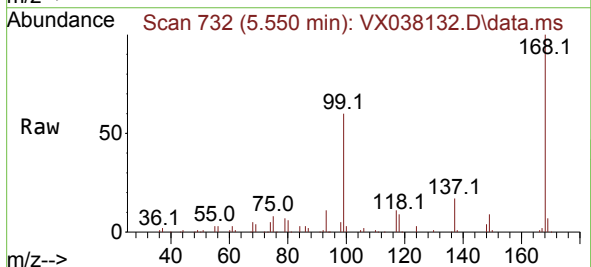
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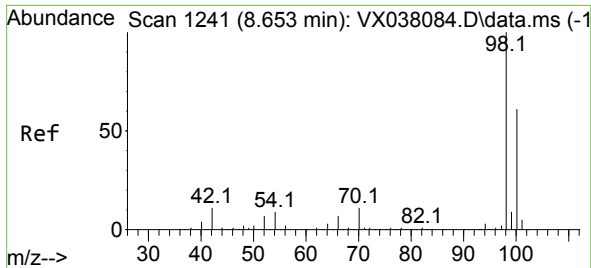
Tgt Ion: 75 Resp: 8004
Ion Ratio Lower Upper
75 100
110 8.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.947 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 117 Resp: 10088
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#

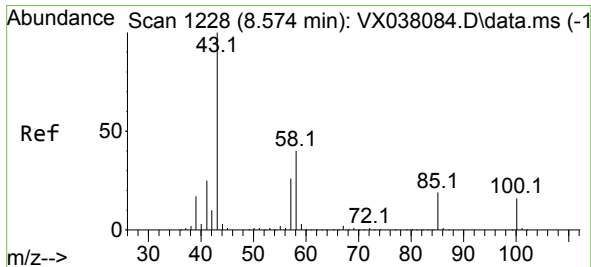
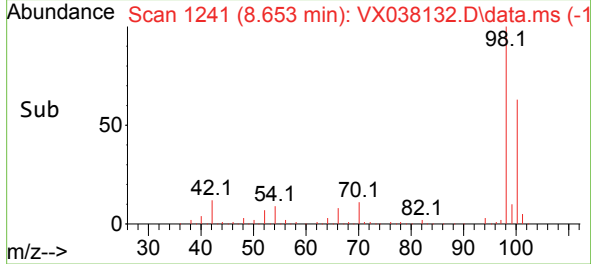
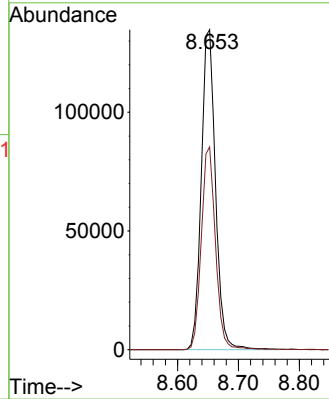
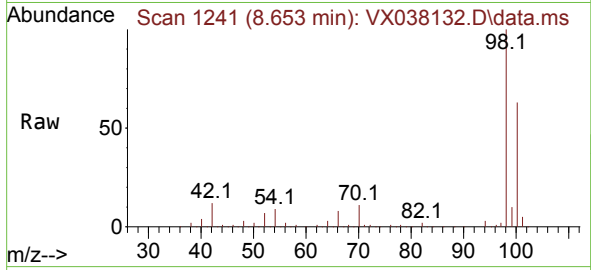




#50
Toluene-d8
Concen: 45.764 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

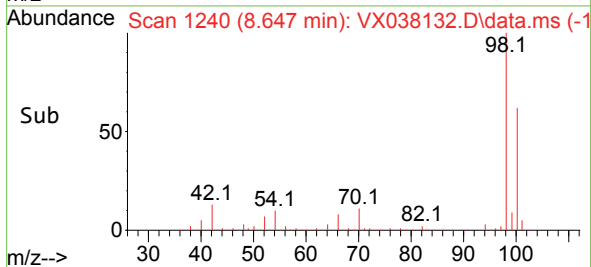
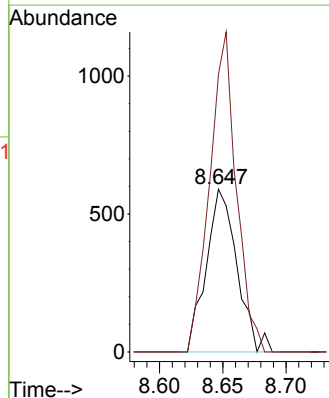
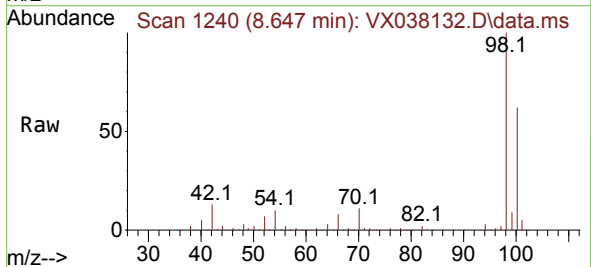
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

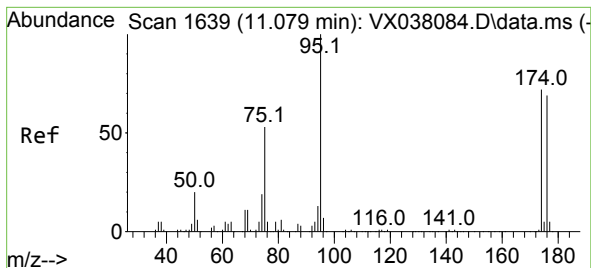
Tgt Ion: 98 Resp: 218660
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 171.1 30.4 45.6#

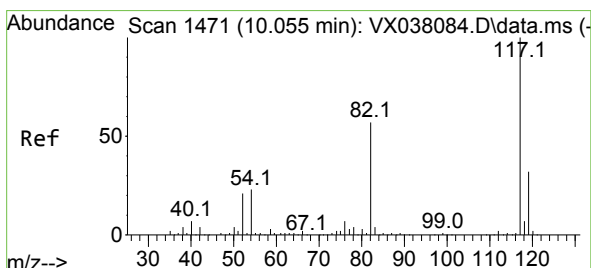
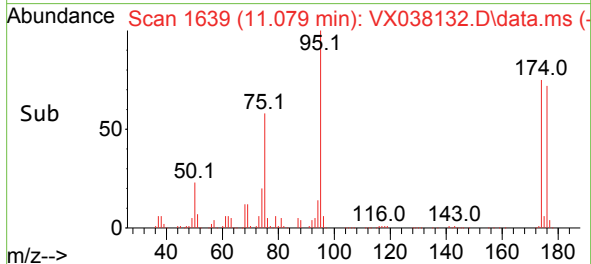
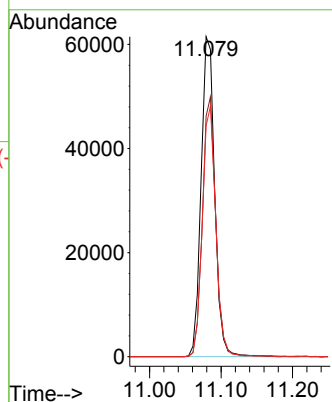
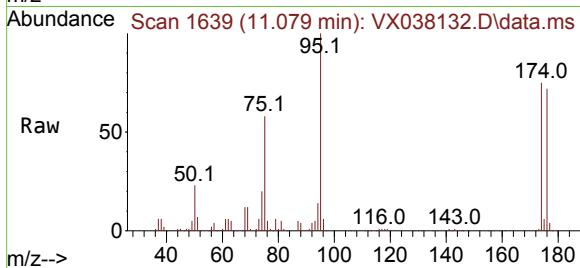




#62
4-Bromofluorobenzene
Concen: 44.763 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

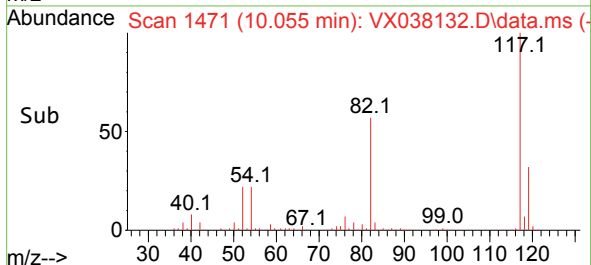
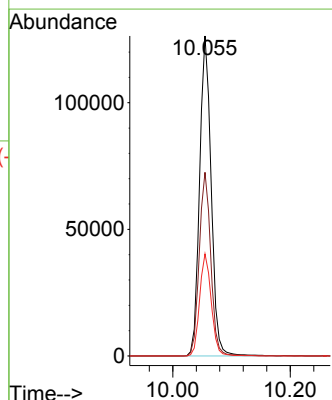
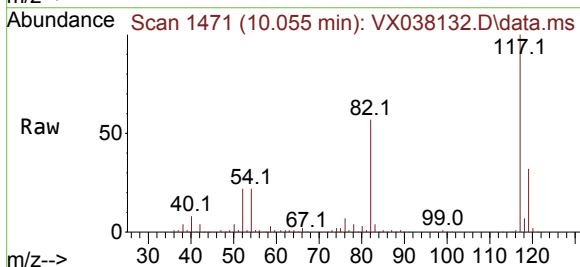
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

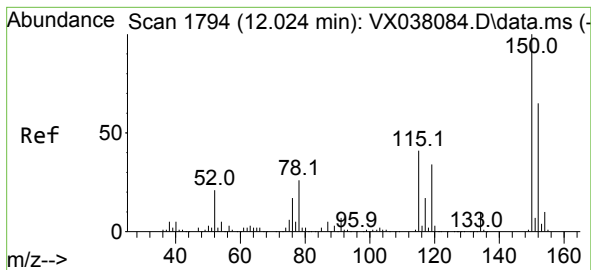
Tgt Ion: 95 Resp: 81083
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 77.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038132.D
Acq: 06 Oct 2023 15:44

Tgt Ion: 117 Resp: 172877
Ion Ratio Lower Upper
117 100
82 57.4 46.2 69.4
119 31.9 25.5 38.3

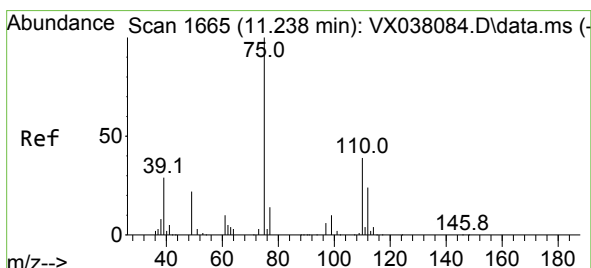
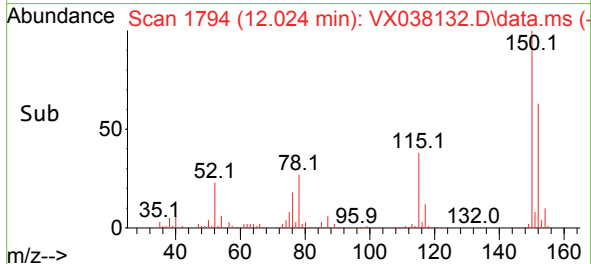
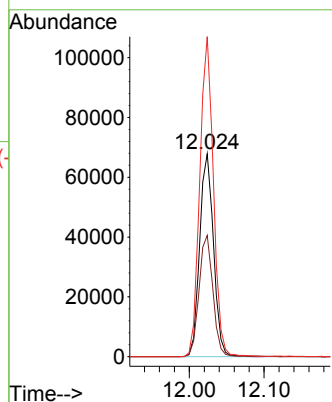
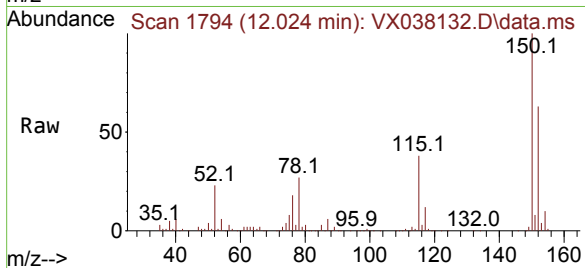




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX038132.D
 Acq: 06 Oct 2023 15:44

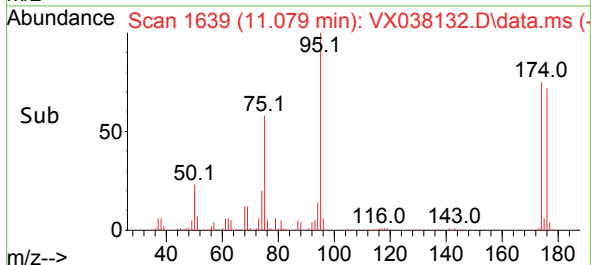
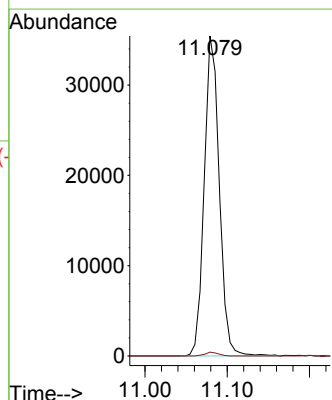
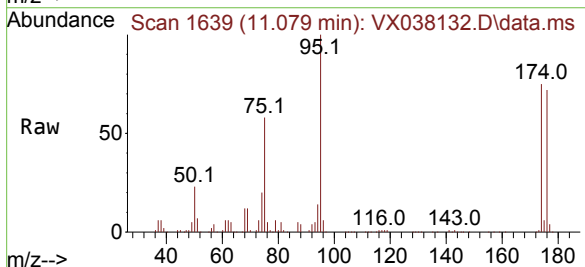
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

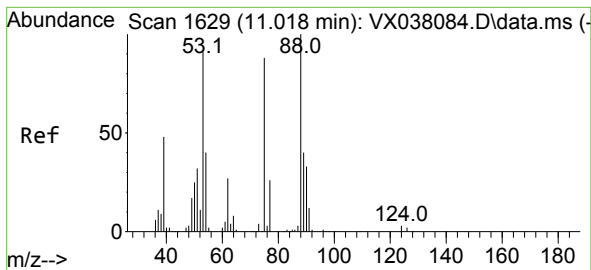
Tgt Ion:152 Resp: 87446
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 155.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.691 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038132.D
 Acq: 06 Oct 2023 15:44

Tgt Ion: 75 Resp: 45110
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.946 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038132.D
 Acq: 06 Oct 2023 15:44

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

Tgt Ion: 75 Resp: 45110
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

