

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
 Data File : VX038285.D
 Acq On : 13 Oct 2023 15:29
 Operator : JC/MD
 Sample : 04889-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 13 23:13:20 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)

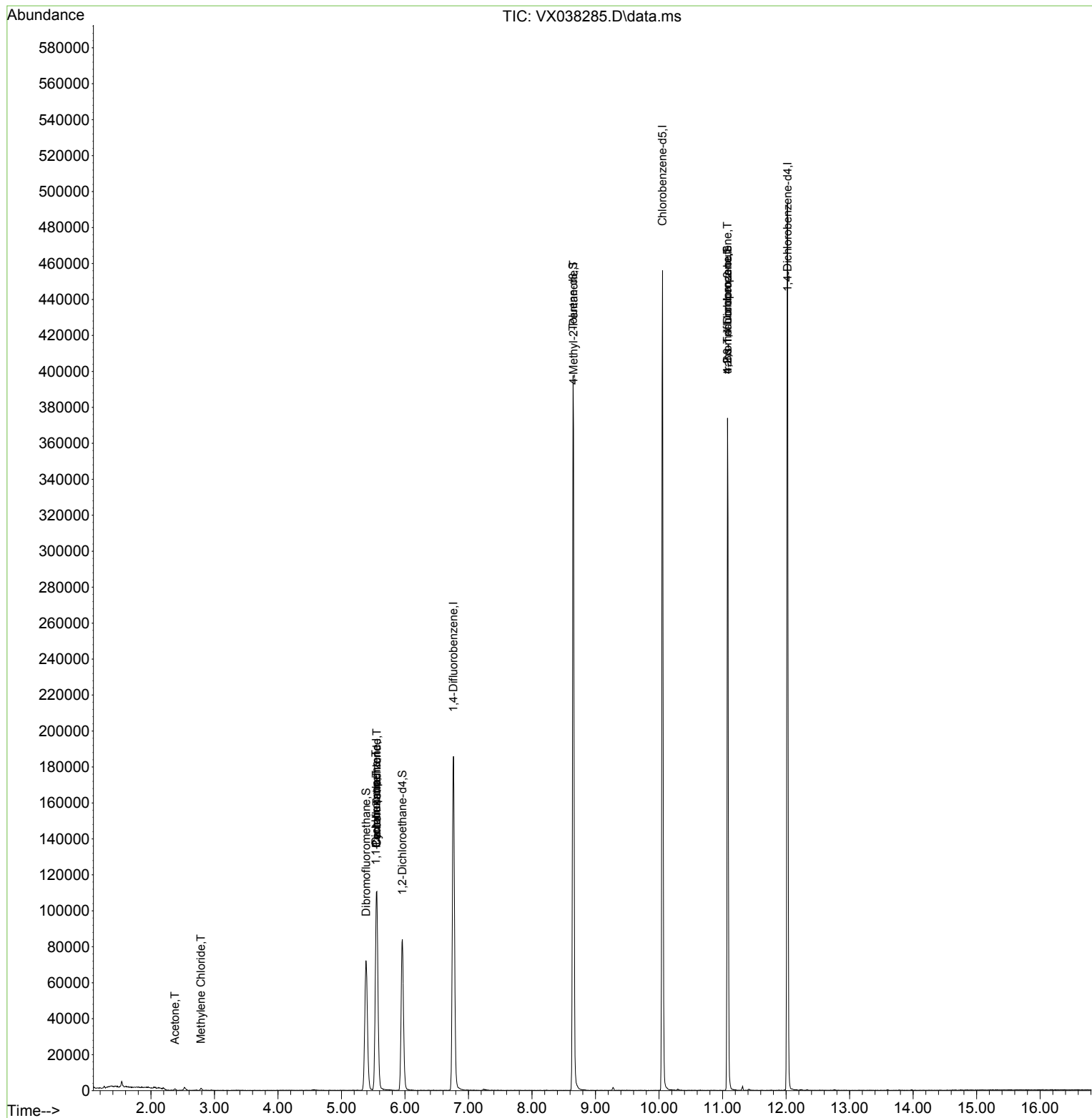
Internal Standards						
1) Pentafluorobenzene	5.550	168	105074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78741	46.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.180%
35) Dibromofluoromethane	5.385	113	62709	45.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.647	98	244670	46.688	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	11.079	95	93940	47.283	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	59	Below Cal	#	3
6) Chloroethane	1.666	64	151	Below Cal	#	43
11) Tert butyl alcohol	2.965	59	40	Below Cal	#	78
16) Acetone	2.379	43	660	0.936	ug/l #	47
20) Methylene Chloride	2.788	84	648	0.488	ug/l #	70
31) Cyclohexane	5.550	56	2510	1.371	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	8683	4.591	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10807	5.809	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1061	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50350	21.500	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50350	61.748	ug/l #	5

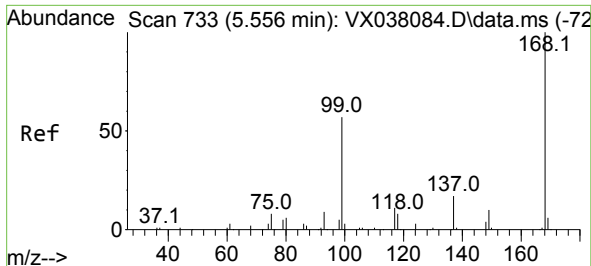
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101323\
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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Oct 13 23:13:20 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

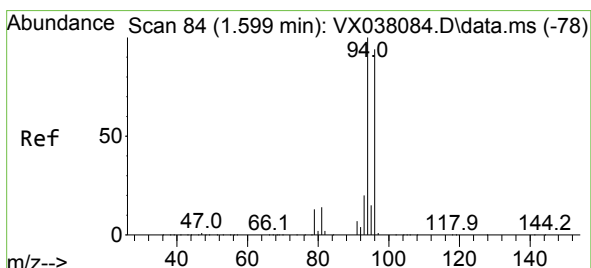
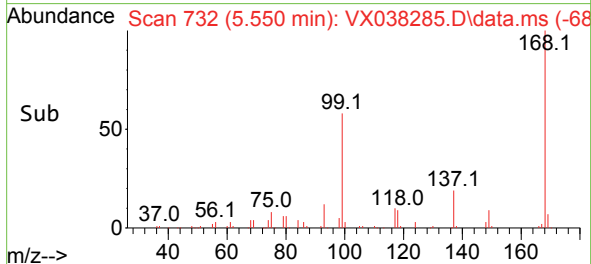
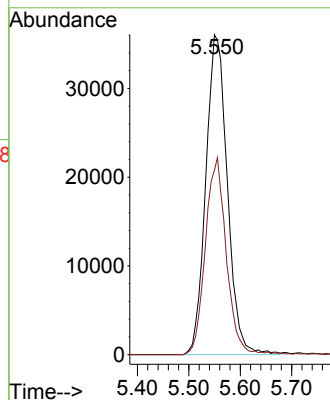
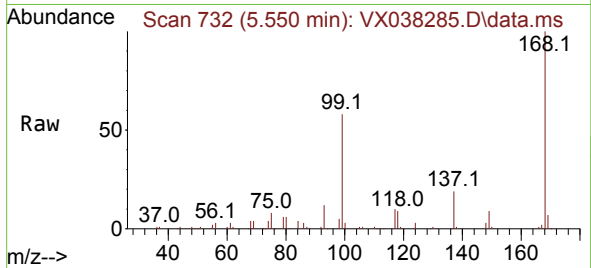




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

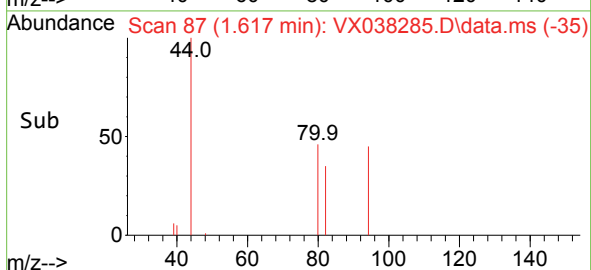
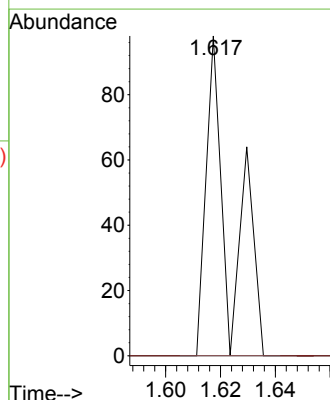
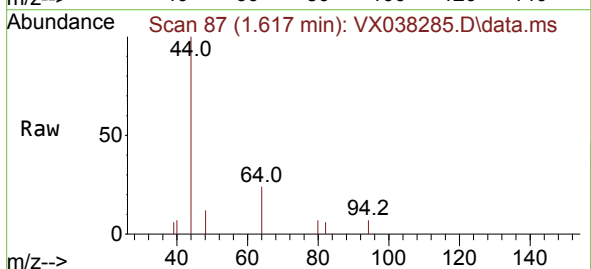
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

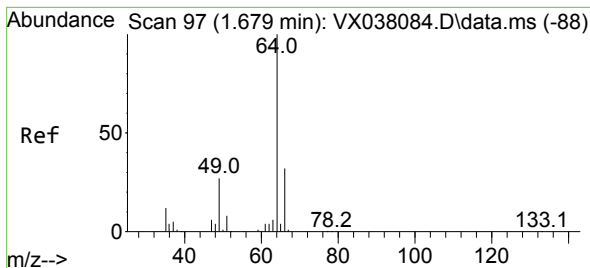
Tgt Ion:168 Resp: 105074
Ion Ratio Lower Upper
168 100
99 57.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 94 Resp: 59
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

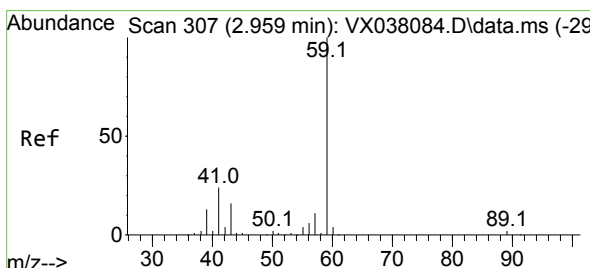
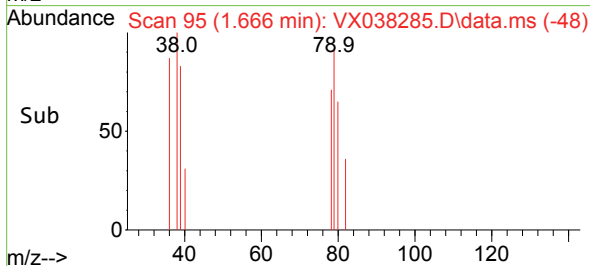
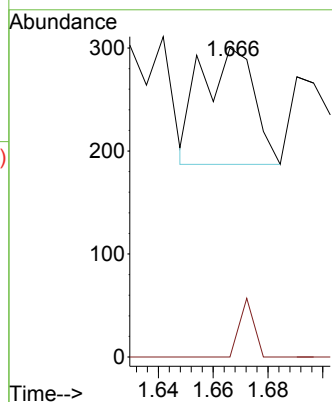
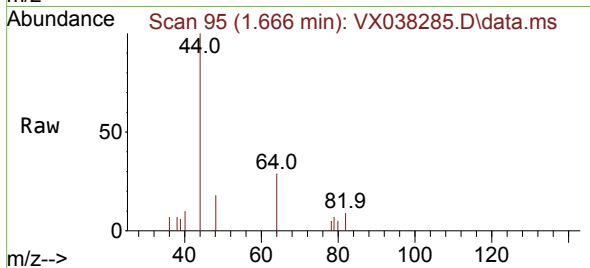




#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 91
Delta R.T. -0.013 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

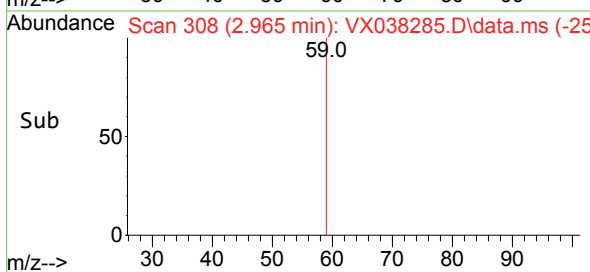
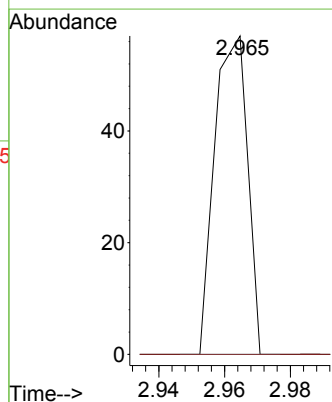
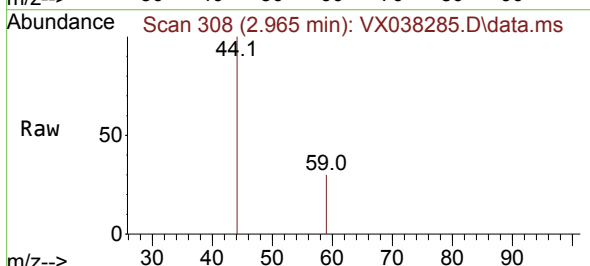
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

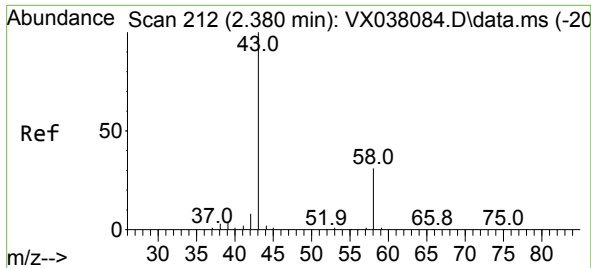
Tgt Ion: 64 Resp: 151
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 59 Resp: 40
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 0.936 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.001 min

Lab File: VX038285.D

Acq: 13 Oct 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

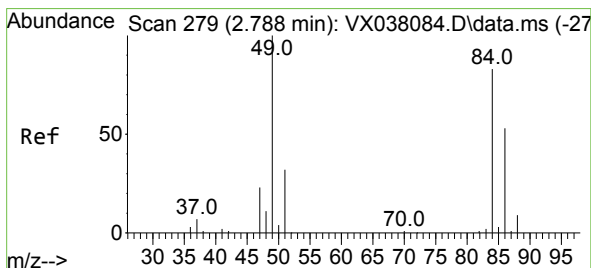
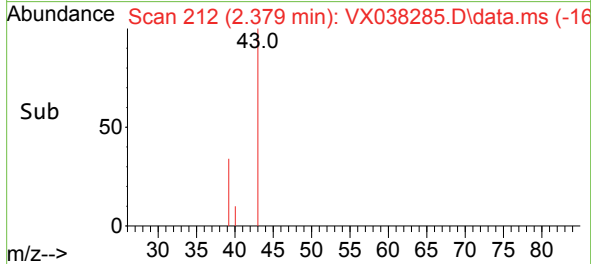
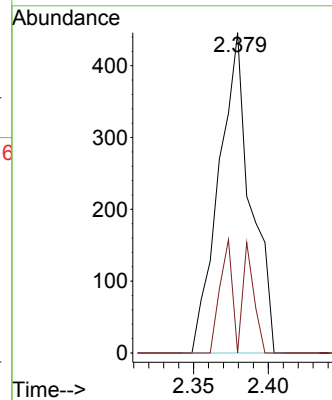
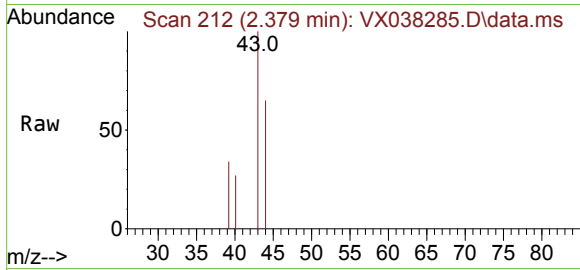
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 660

Ion Ratio Lower Upper

43 100

58 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.488 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX038285.D

Acq: 13 Oct 2023 15:29

Tgt Ion: 84 Resp: 648

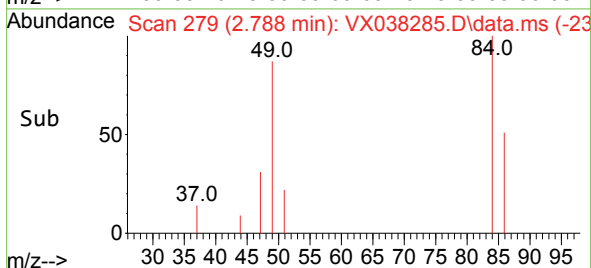
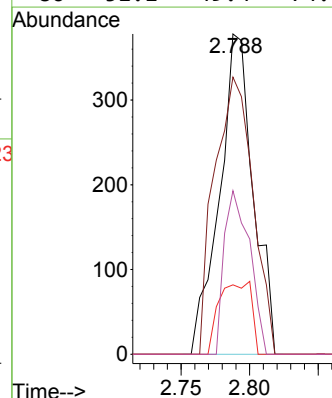
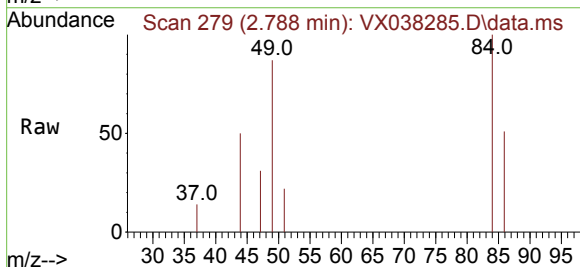
Ion Ratio Lower Upper

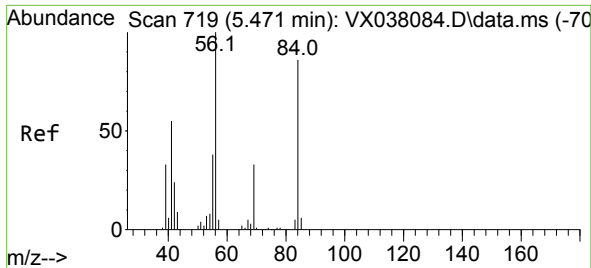
84 100

49 86.5 103.6 155.4#

51 21.7 33.8 50.6#

86 51.1 49.4 74.0

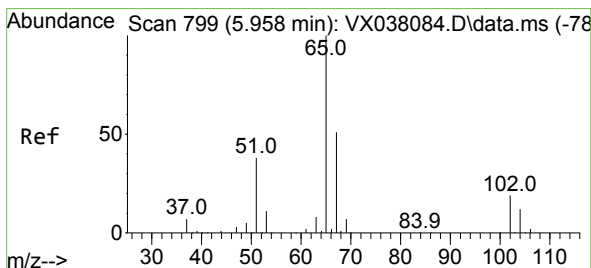
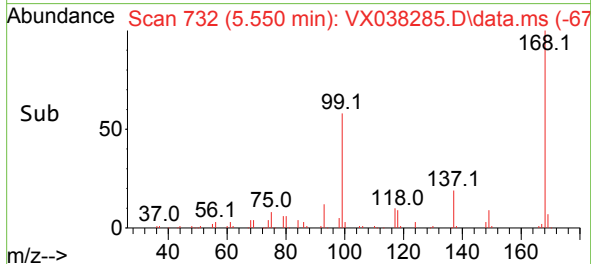
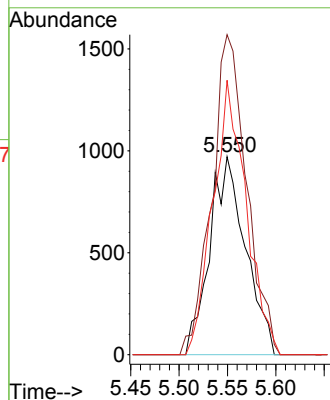
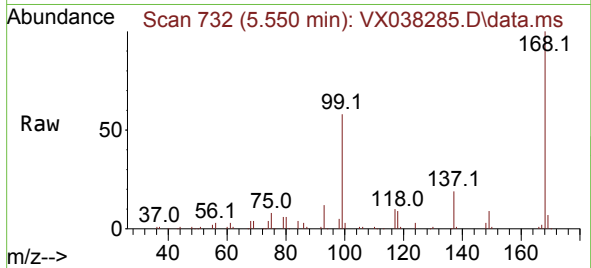




#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

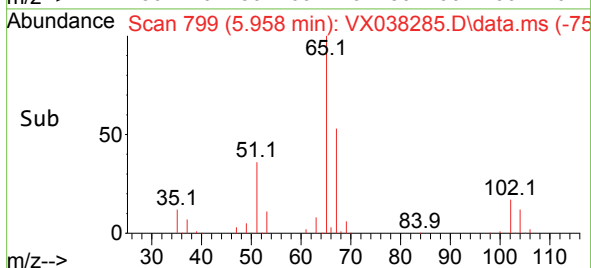
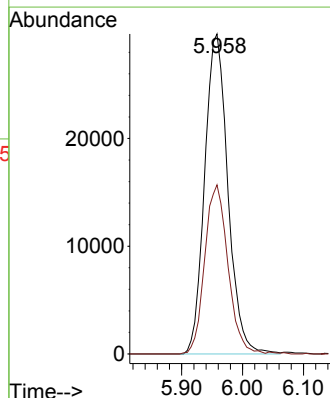
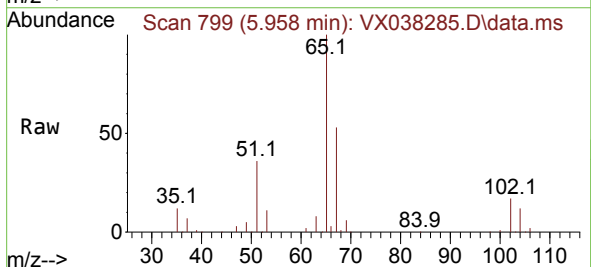
Instrument :
MSVOA_X
ClientSampleId :
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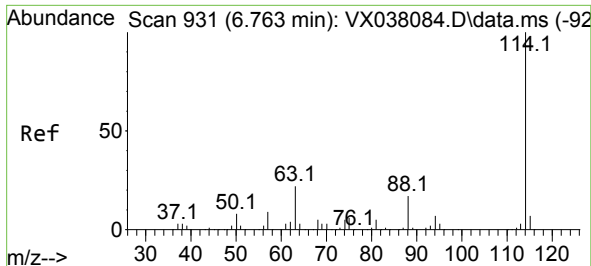
Tgt Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 161.7 23.4 35.2#
84 138.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.591 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 65 Resp: 78741
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

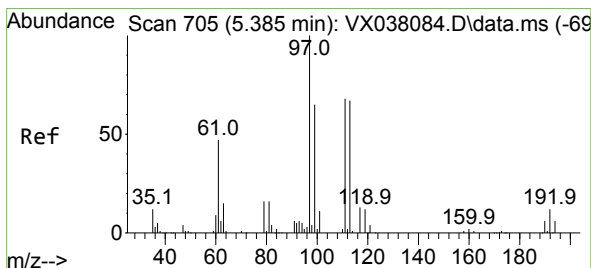
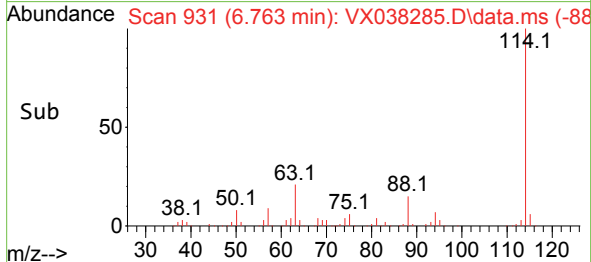
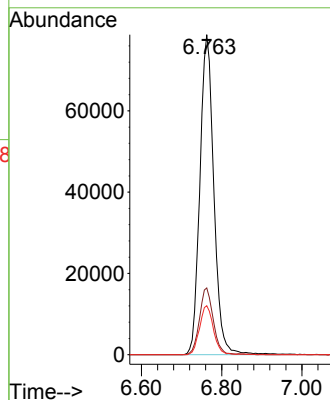
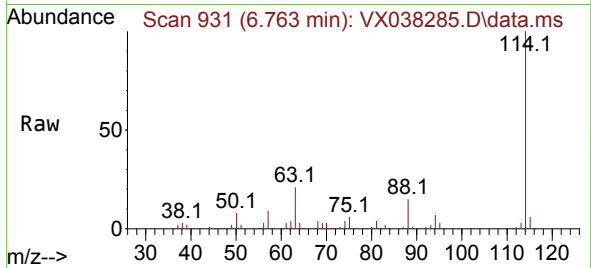




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

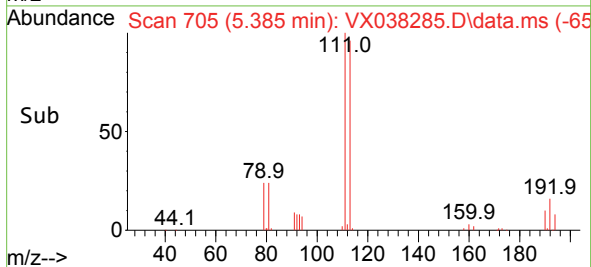
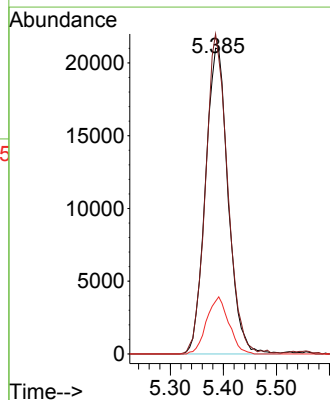
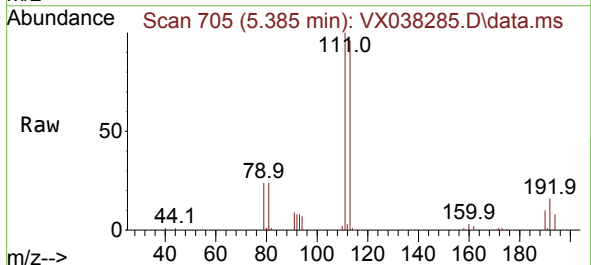
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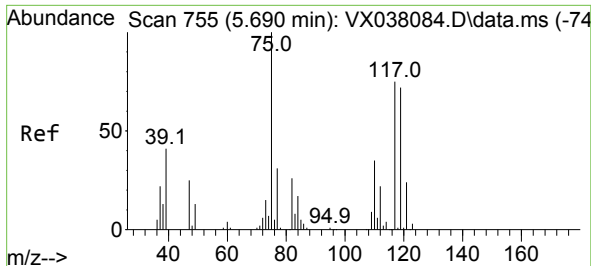
Tgt Ion:114 Resp: 190328
Ion Ratio Lower Upper
114 100
63 20.8 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.725 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion:113 Resp: 62709
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.2 13.3 19.9

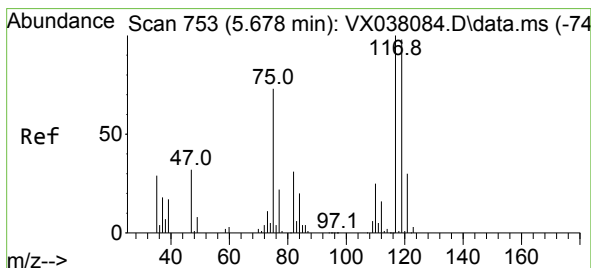
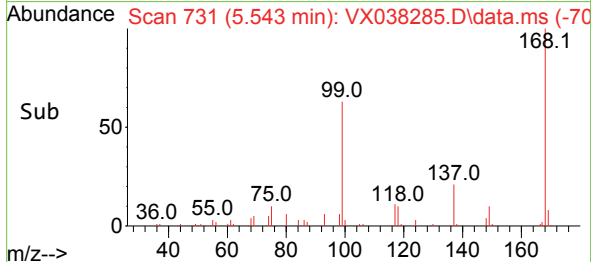
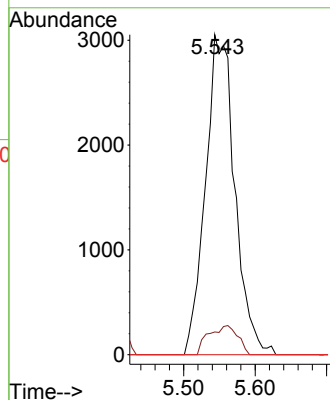
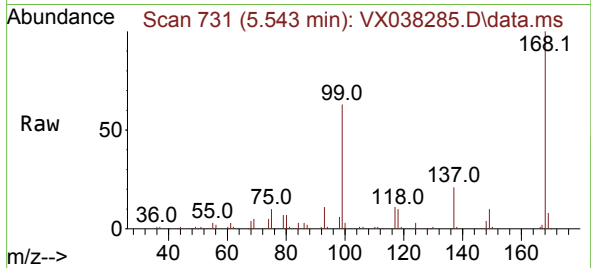




#36
1,1-Dichloropropene
Concen: 4.591 ug/l
RT: 5.543 min Scan# 713
Delta R.T. -0.147 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

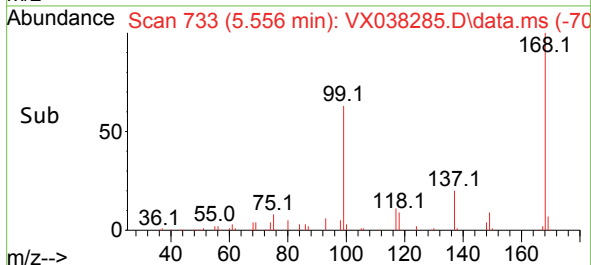
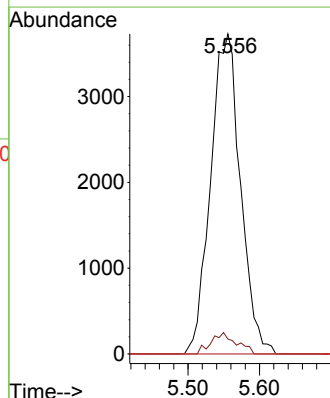
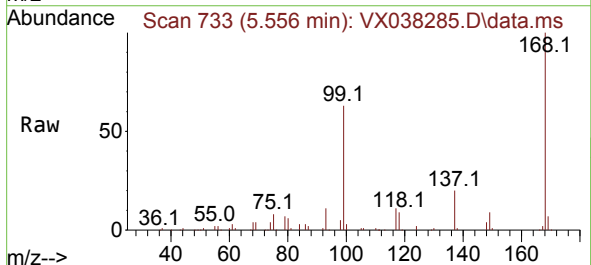
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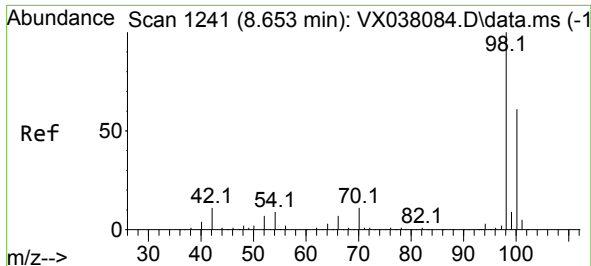
Tgt Ion: 75 Resp: 8683
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 117 Resp: 10807
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

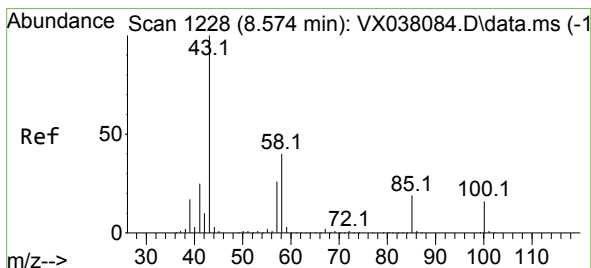
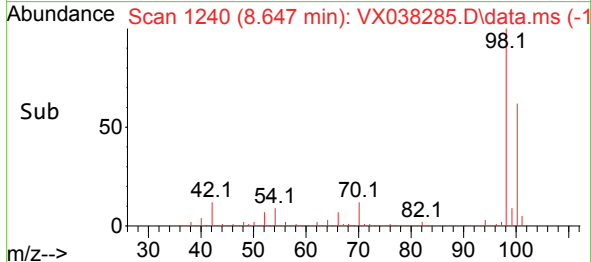
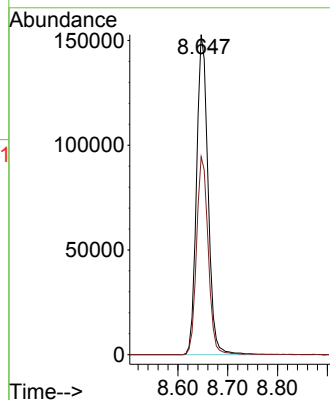
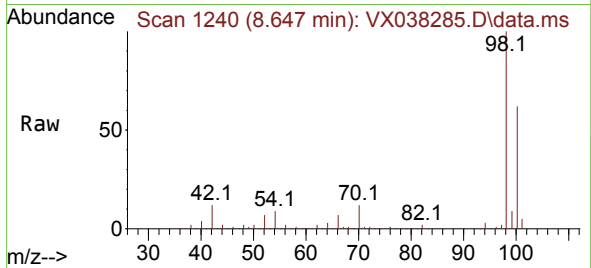




#50
Toluene-d8
Concen: 46.688 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

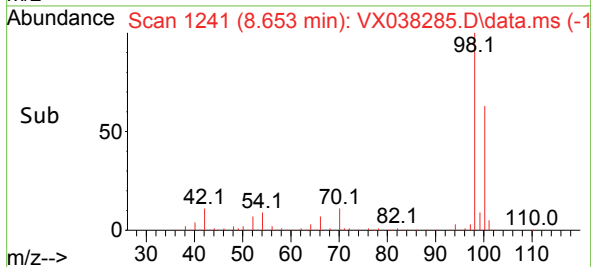
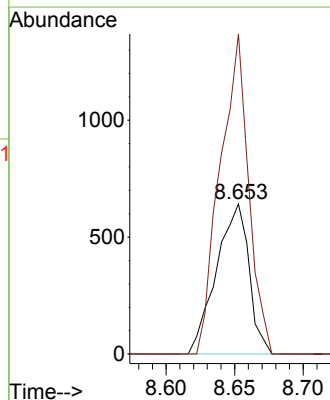
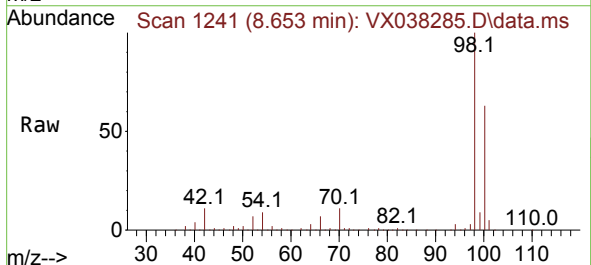
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

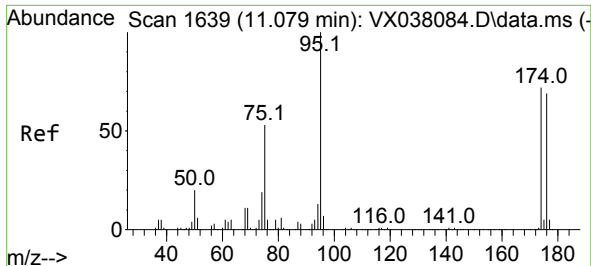
Tgt Ion: 98 Resp: 244670
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 186.6 30.4 45.6#

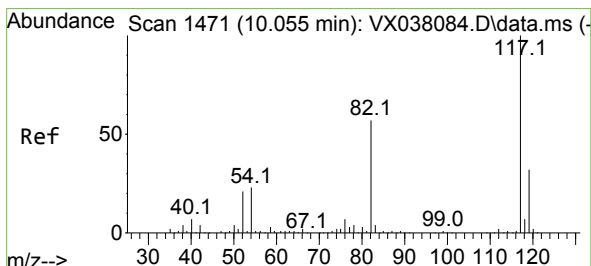
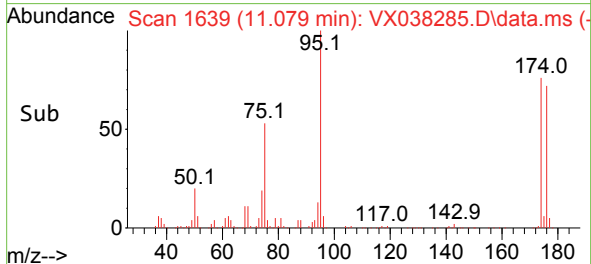
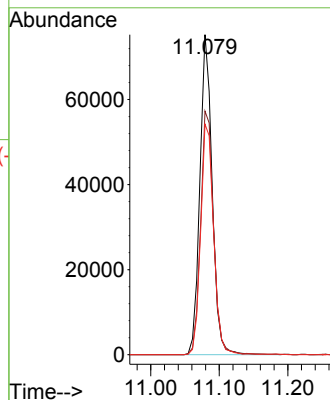
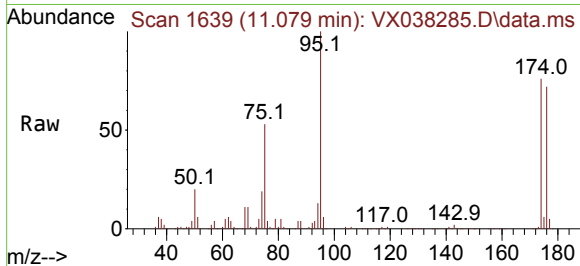




#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

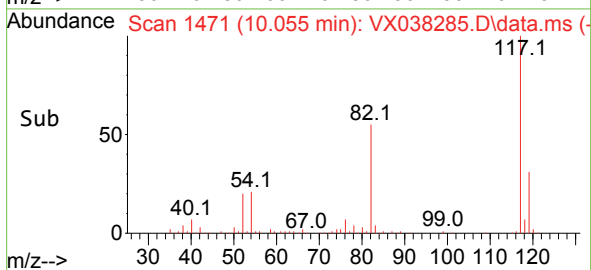
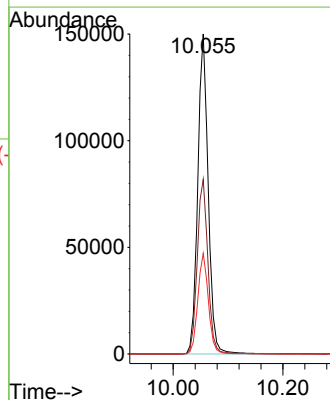
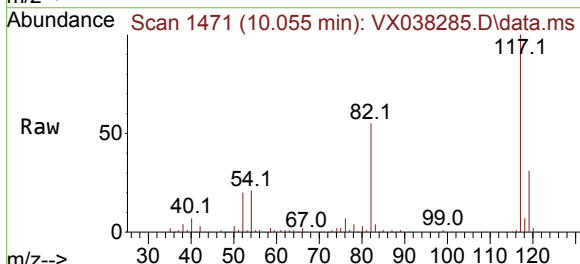
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

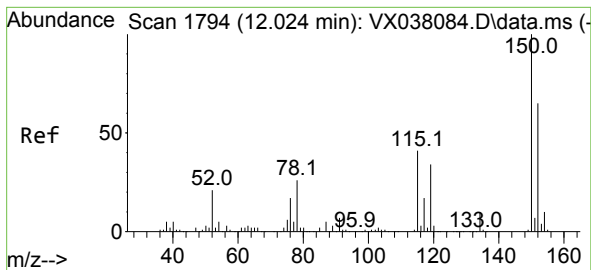
Tgt Ion: 95 Resp: 93940
Ion Ratio Lower Upper
95 100
174 80.4 0.0 135.6
176 76.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038285.D
Acq: 13 Oct 2023 15:29

Tgt Ion: 117 Resp: 199109
Ion Ratio Lower Upper
117 100
82 54.5 46.2 69.4
119 31.4 25.5 38.3

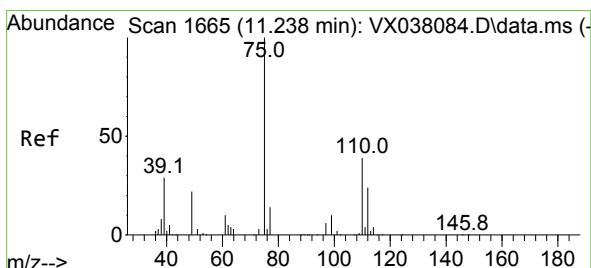
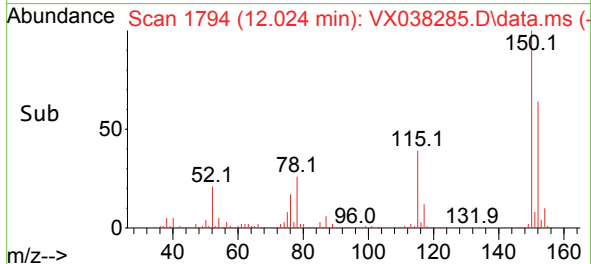
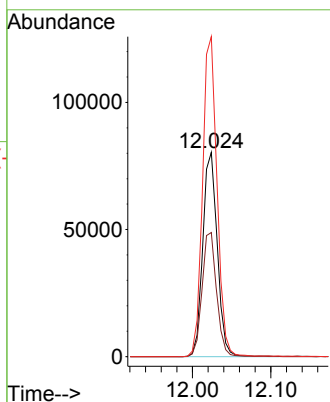
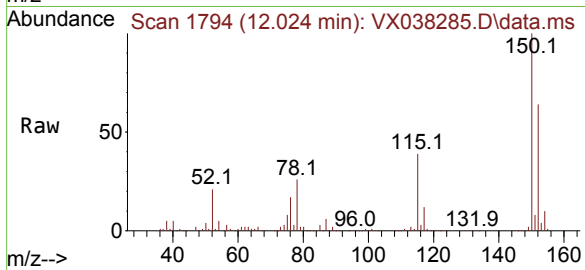




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038285.D
 Acq: 13 Oct 2023 15:29

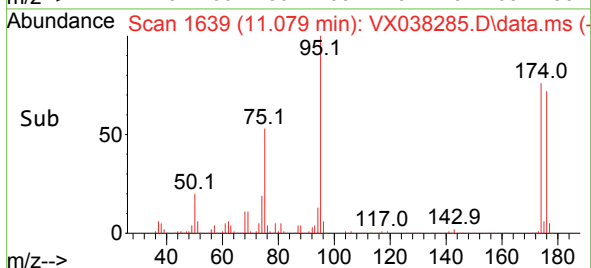
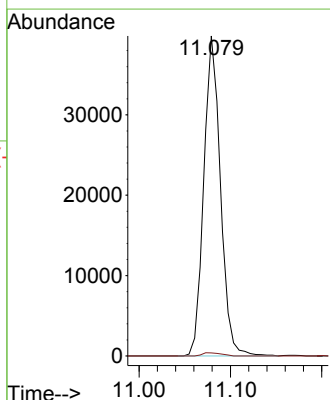
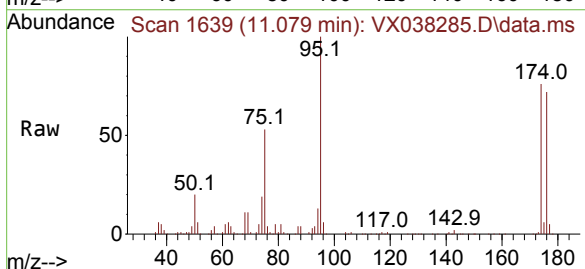
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

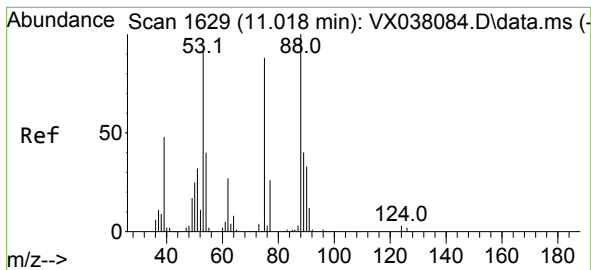
Tgt Ion:152 Resp: 103013
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.3 129.9
 150 156.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 21.500 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038285.D
 Acq: 13 Oct 2023 15:29

Tgt Ion: 75 Resp: 50350
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.748 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038285.D
 Acq: 13 Oct 2023 15:29

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

Tgt Ion: 75 Resp: 50350
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

