

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038411.D
 Acq On : 20 Oct 2023 18:35
 Operator : JC/MD
 Sample : 04987-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Oct 21 01:49:14 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)

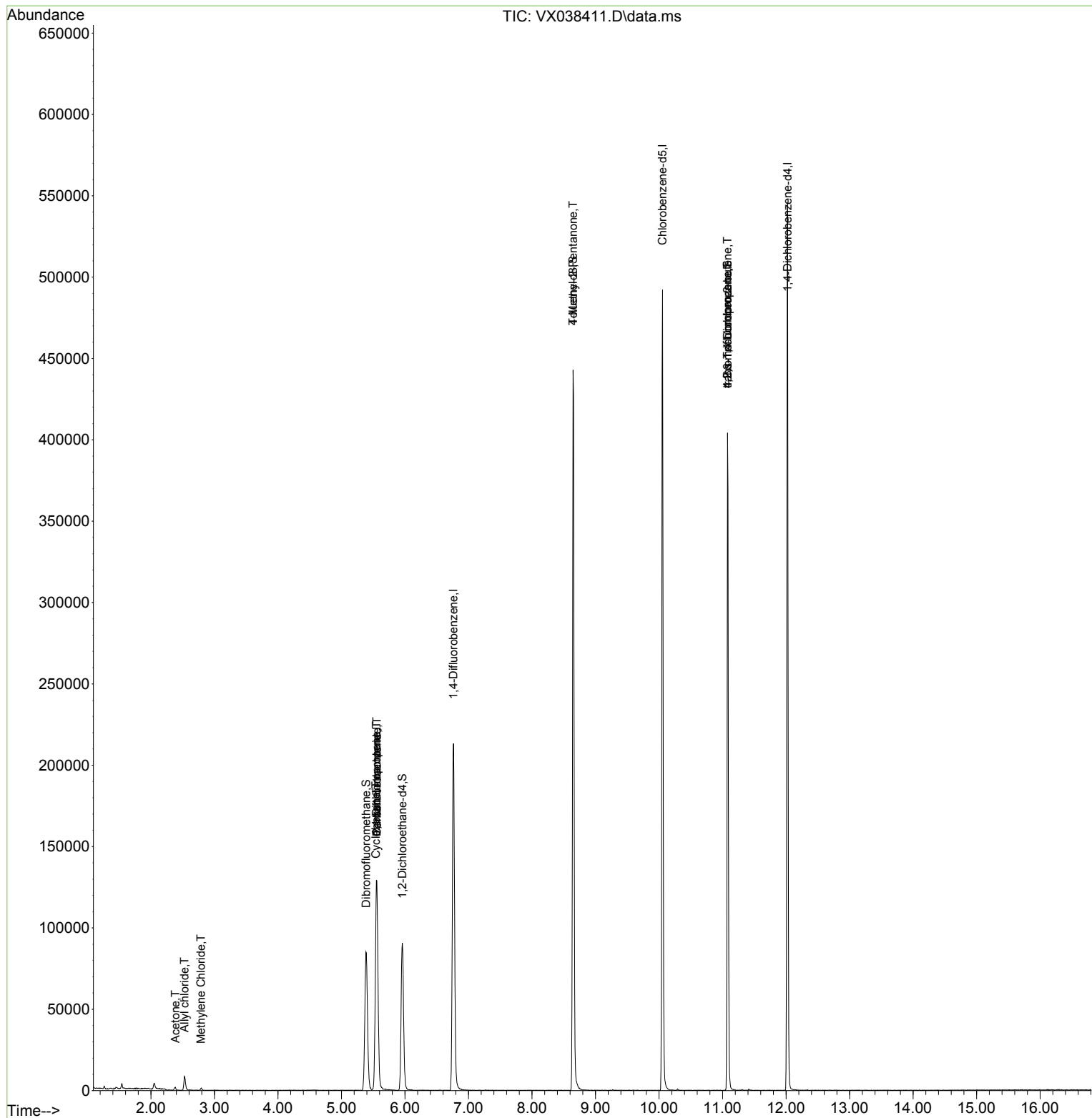
Internal Standards						
1) Pentafluorobenzene	5.556	168	125302	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	225730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88143	43.735	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.460%
35) Dibromofluoromethane	5.385	113	73777	45.359	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.646	98	278809	44.858	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.720%#
62) 4-Bromofluorobenzene	11.079	95	103572	43.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	48	Below Cal	#	3
6) Chloroethane	1.745	64	19	Below Cal	#	43
14) Allyl chloride	2.526	41	887	0.433	ug/l #	57
16) Acetone	2.385	43	2008	2.387	ug/l	99
20) Methylene Chloride	2.788	84	753	0.476	ug/l #	73
31) Cyclohexane	5.543	56	2806	1.285	ug/l #	43
36) 1,1-Dichloropropene	5.549	75	10042	4.477	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13156	5.962	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1276	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	56662	21.610	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	56662	62.042	ug/l #	5

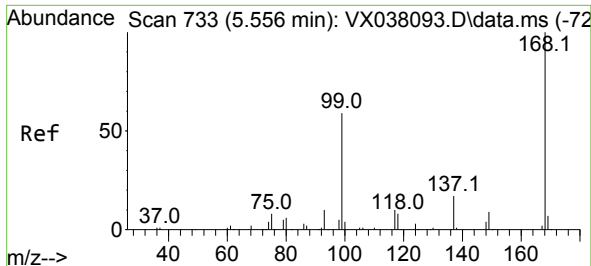
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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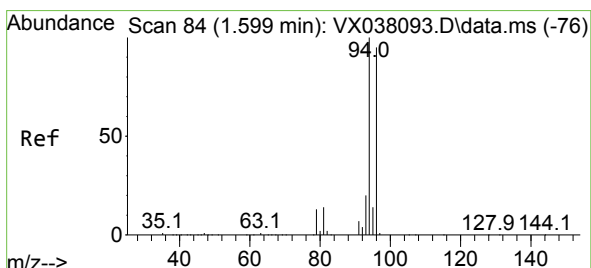
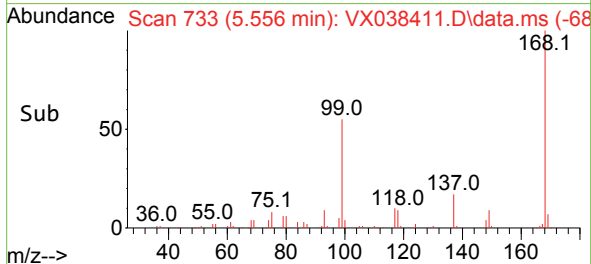
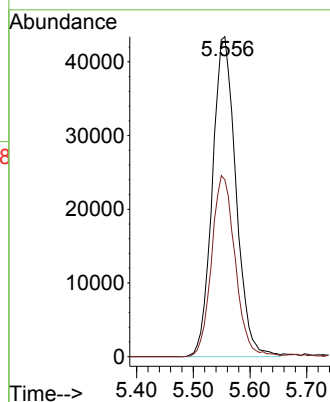
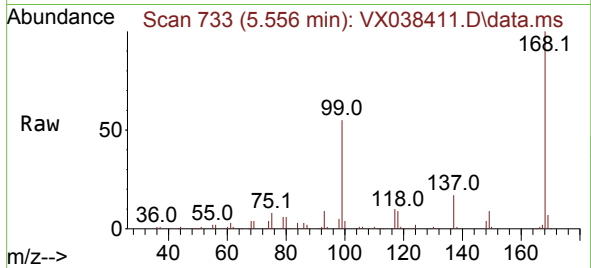




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

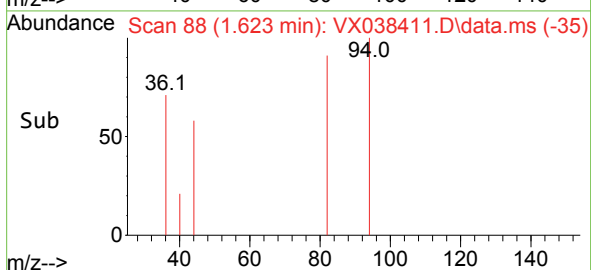
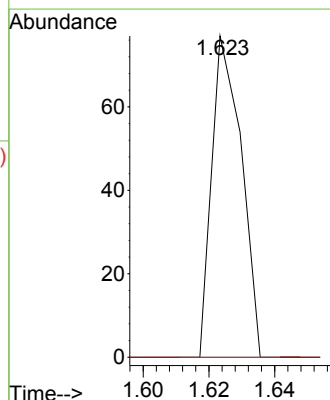
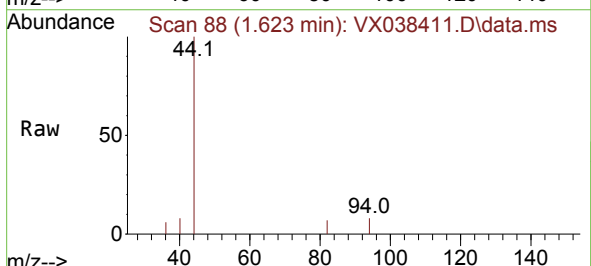
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

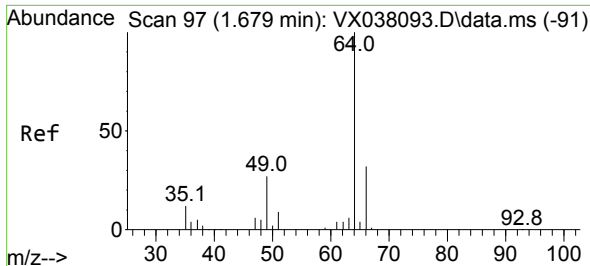
Tgt Ion:168 Resp: 125302
Ion Ratio Lower Upper
168 100
99 55.3 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.623 min Scan# 88
Delta R.T. 0.024 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

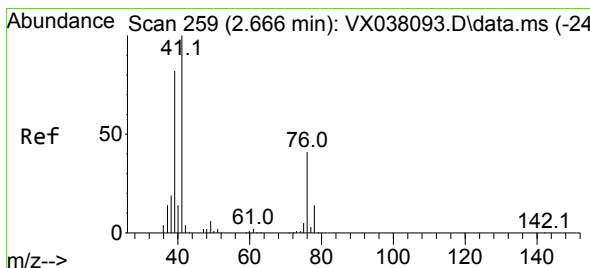
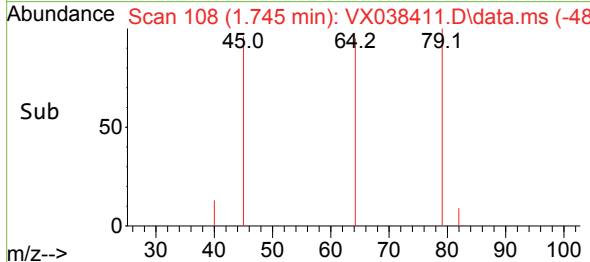
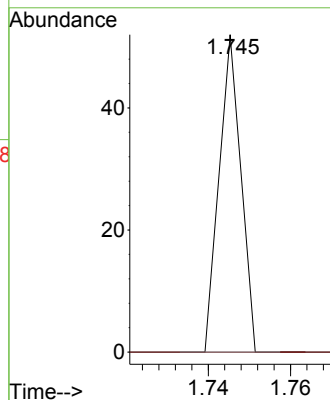
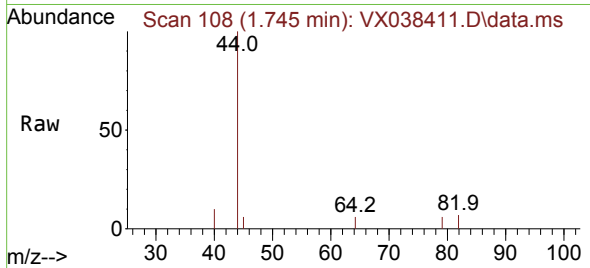




#6
Chloroethane
Concen: Below Cal
RT: 1.745 min Scan# 108
Delta R.T. 0.066 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

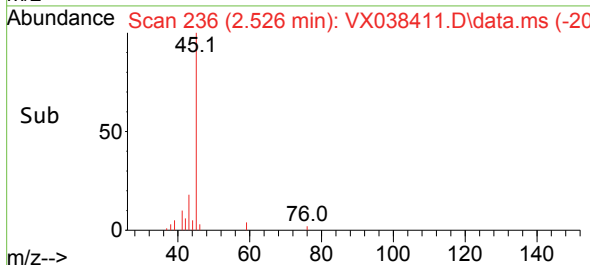
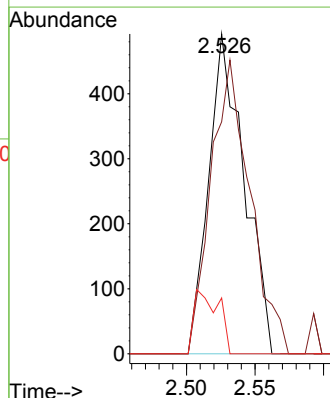
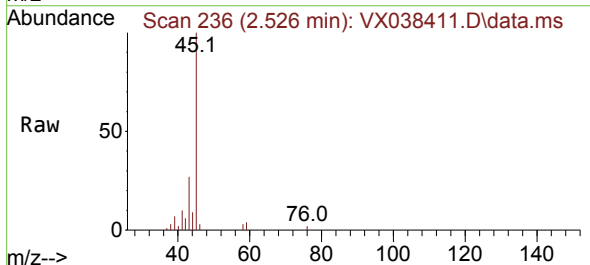
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-4

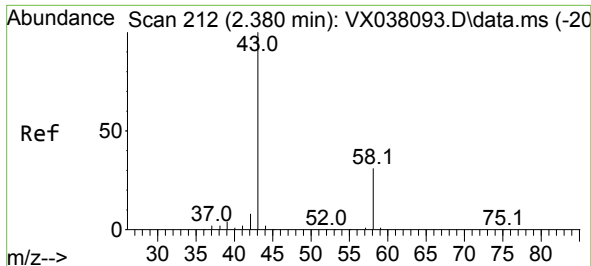
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#14
Allyl chloride
Concen: 0.433 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.134 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 41 Resp: 887
Ion Ratio Lower Upper
41 100
39 100.9 55.8 83.6#
76 0.0 24.3 36.5#

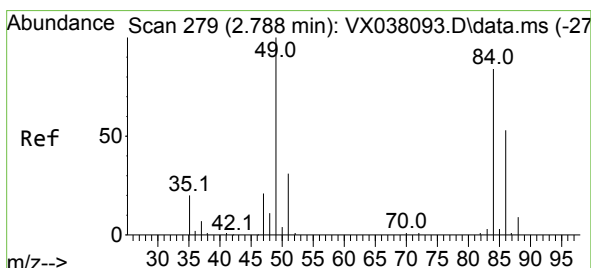
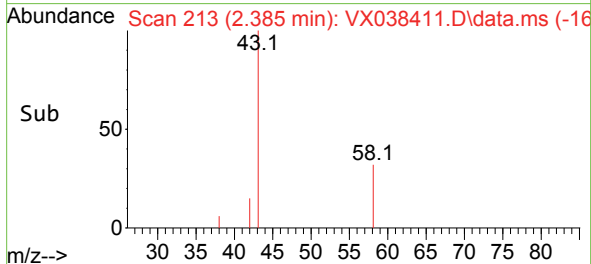
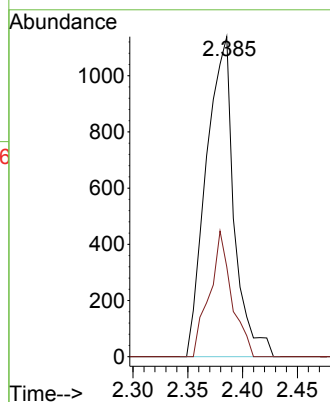
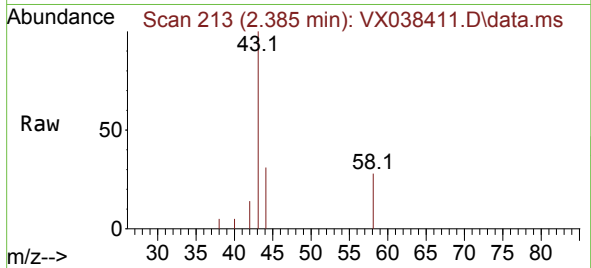




#16
Acetone
Concen: 2.387 ug/l
RT: 2.385 min Scan# 212
Delta R.T. 0.005 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

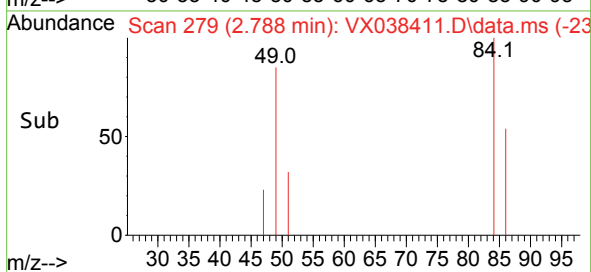
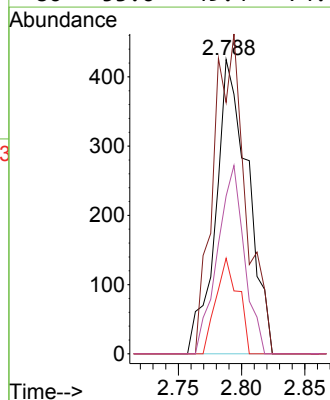
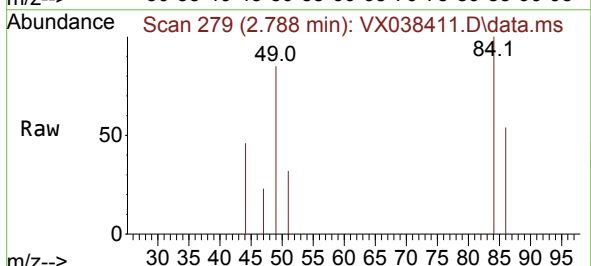
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

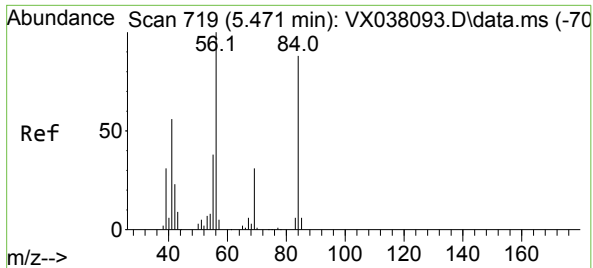
Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 28.1 21.9 32.9



#20
Methylene Chloride
Concen: 0.476 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

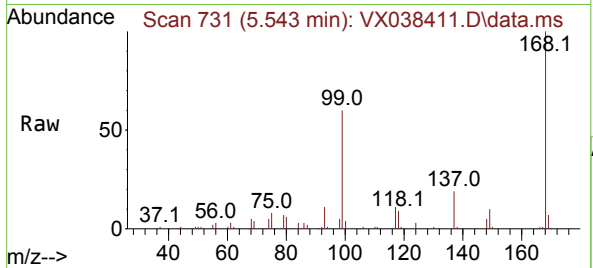
Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 85.4 103.6 155.4#
51 32.5 33.8 50.6#
86 53.6 49.4 74.0



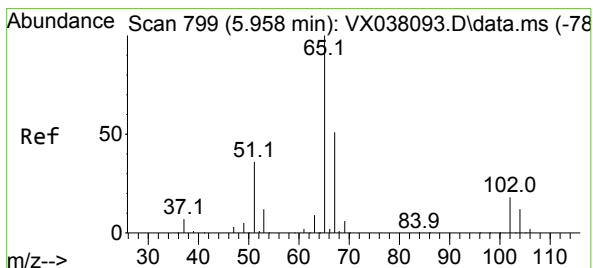
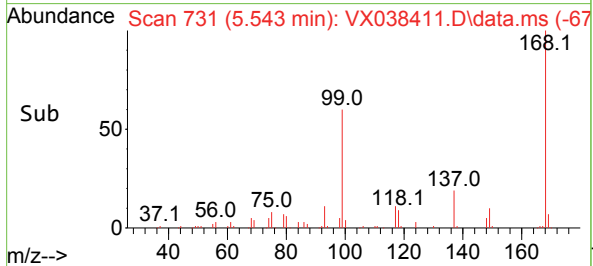
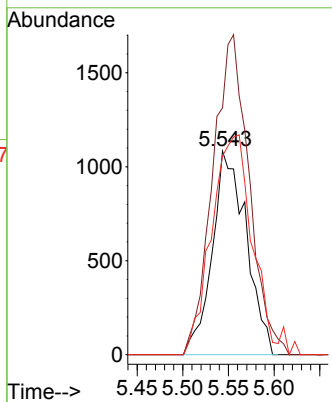


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.072 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

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

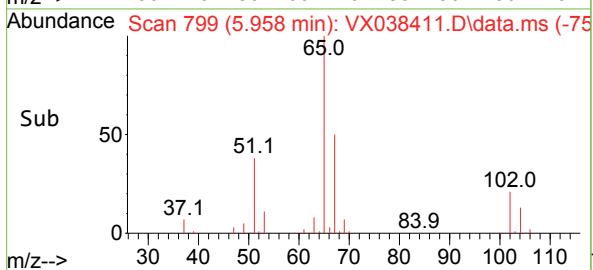
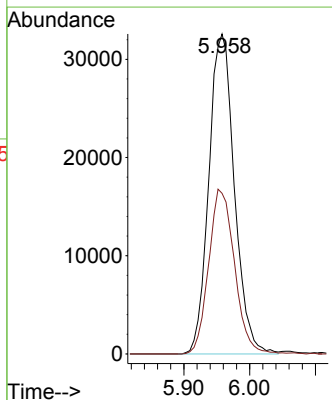
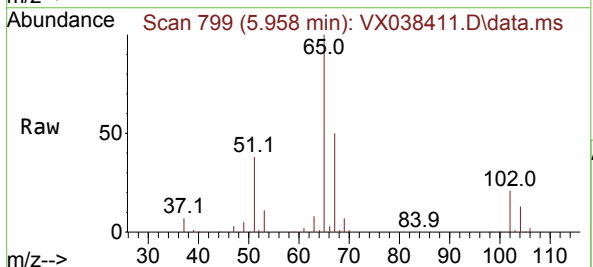


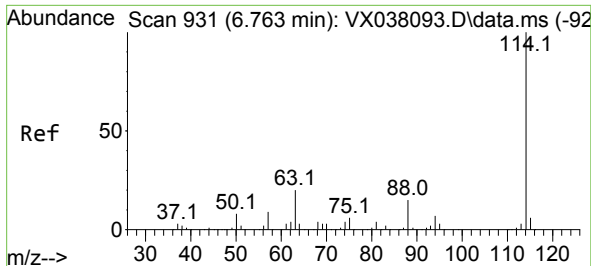
Tgt Ion: 56 Resp: 2806
Ion Ratio Lower Upper
56 100
69 121.2 23.4 35.2#
84 97.6 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 43.735 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 65 Resp: 88143
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

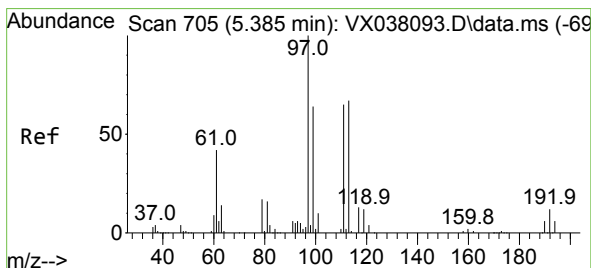
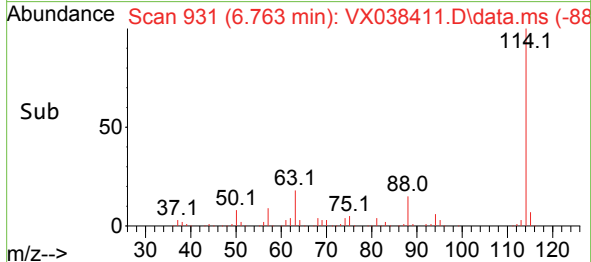
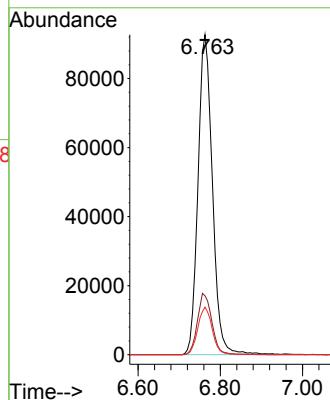
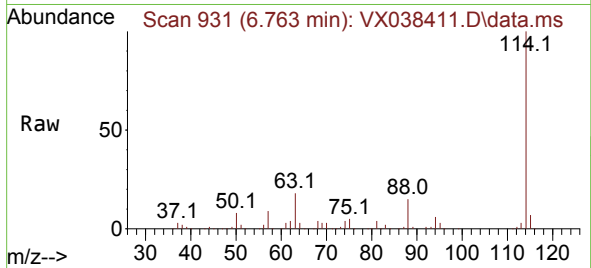




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

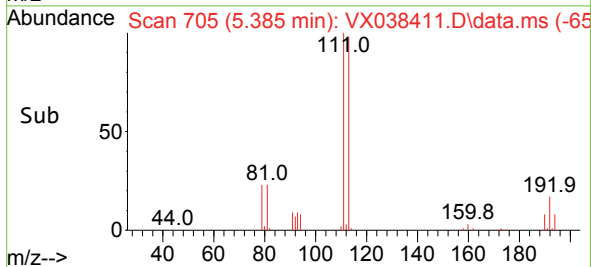
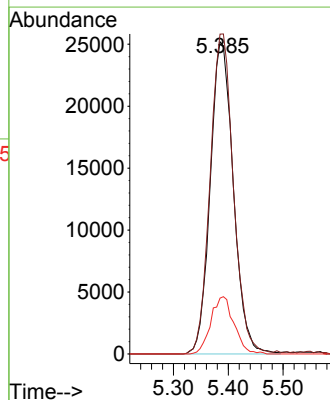
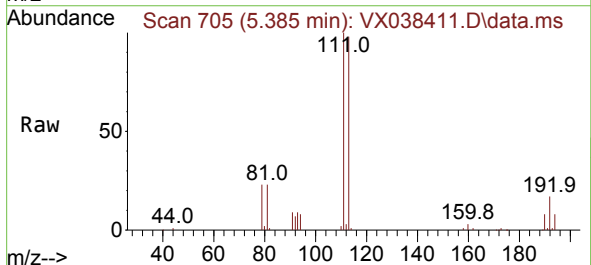
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ClientSampleId :
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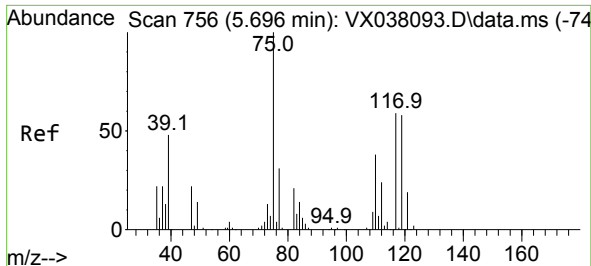
Tgt Ion:114 Resp: 225730
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.359 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion:113 Resp: 73777
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.3 13.3 19.9

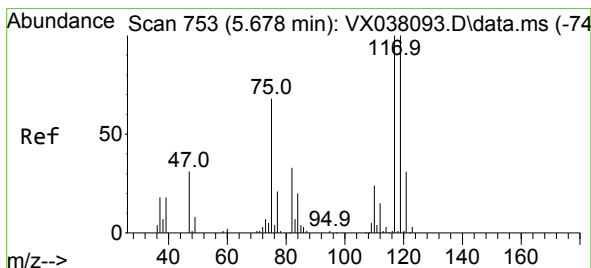
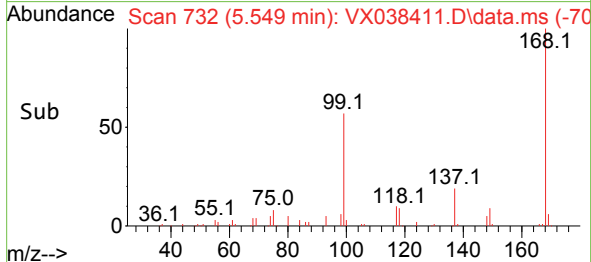
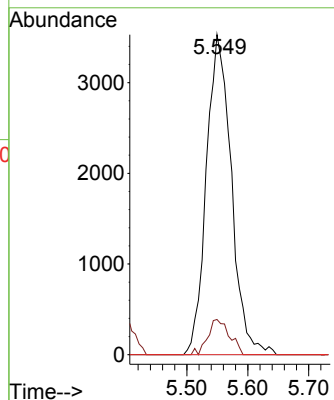
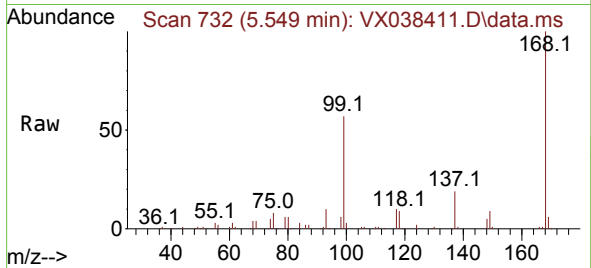




#36
1,1-Dichloropropene
Concen: 4.477 ug/l
RT: 5.549 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

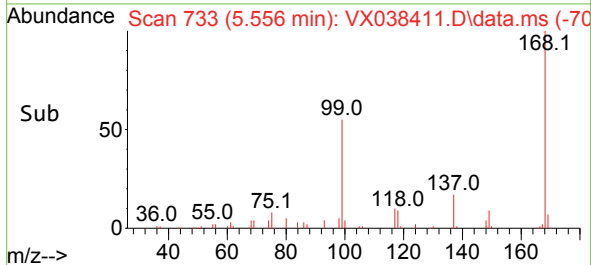
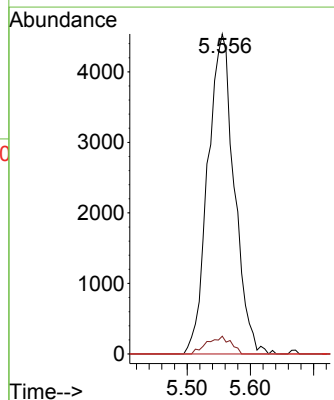
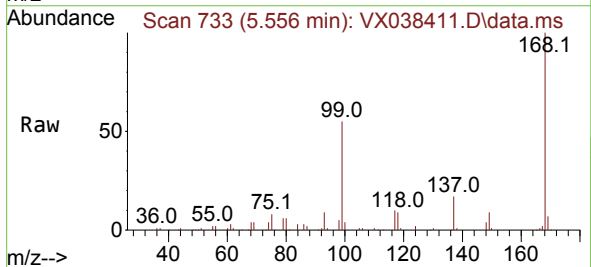
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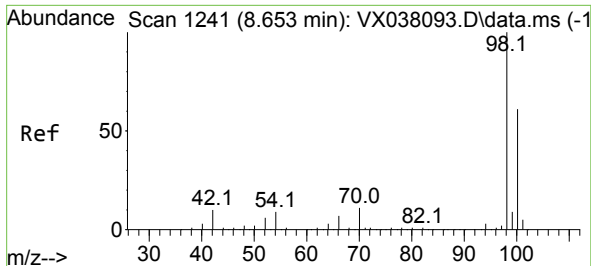
Tgt Ion: 75 Resp: 10042
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.962 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 117 Resp: 13156
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

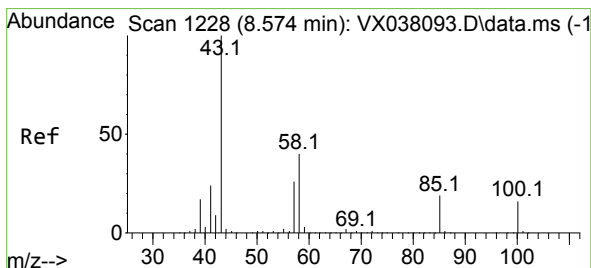
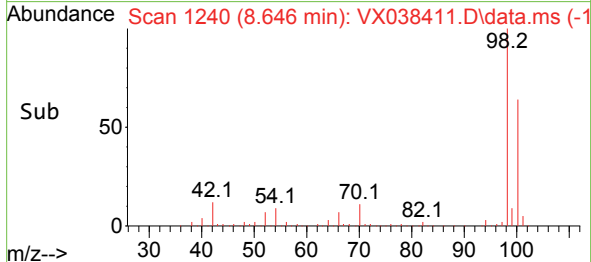
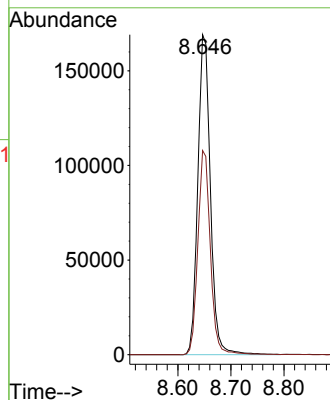
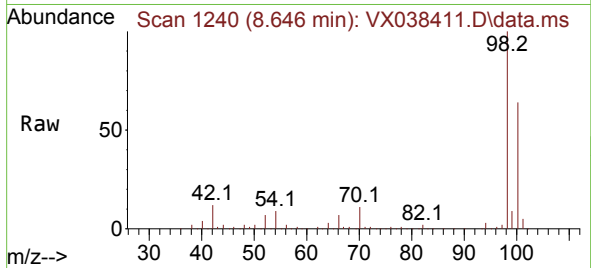




#50
Toluene-d8
Concen: 44.858 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

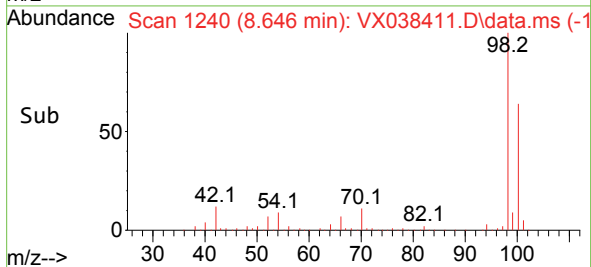
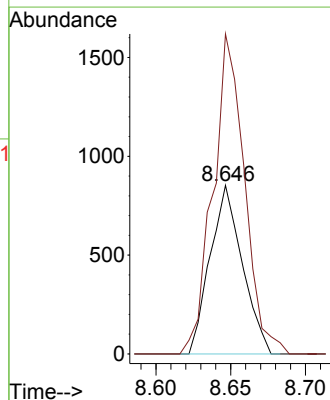
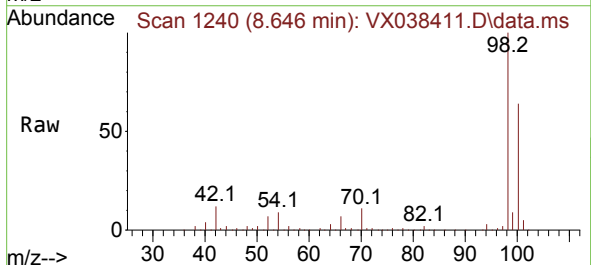
Instrument :
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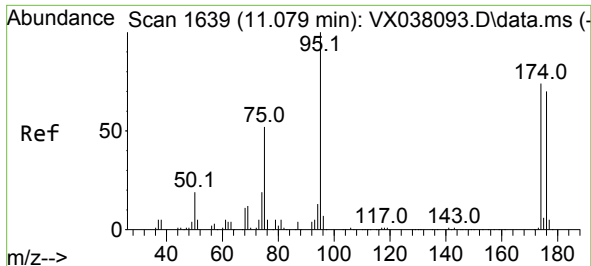
Tgt Ion: 98 Resp: 278809
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
58 186.1 30.4 45.6#

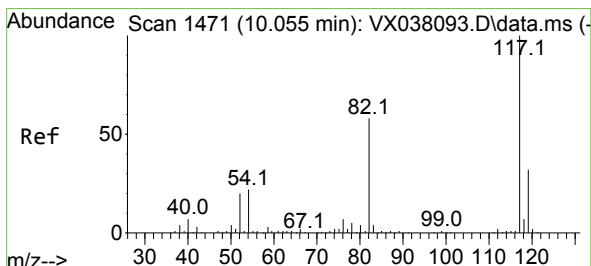
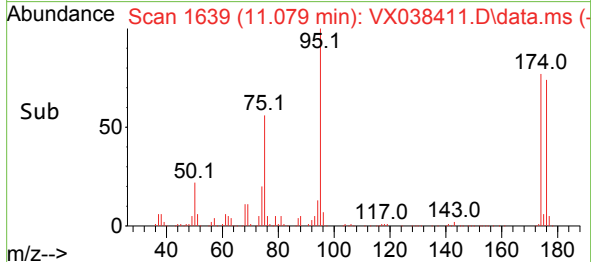
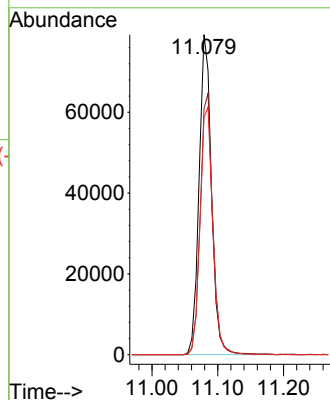
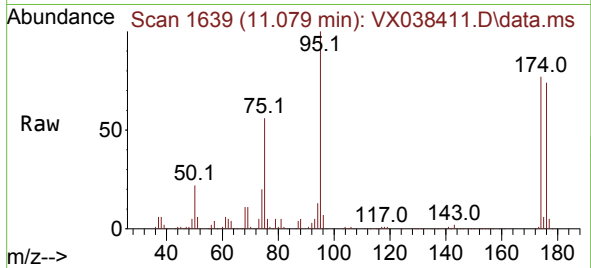




#62
4-Bromofluorobenzene
Concen: 43.955 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

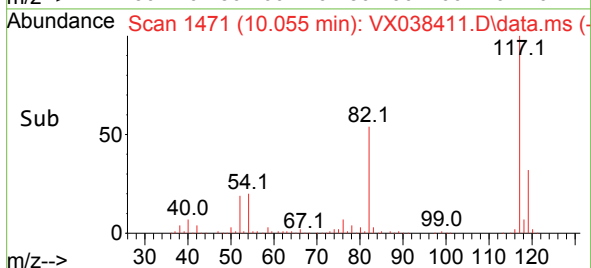
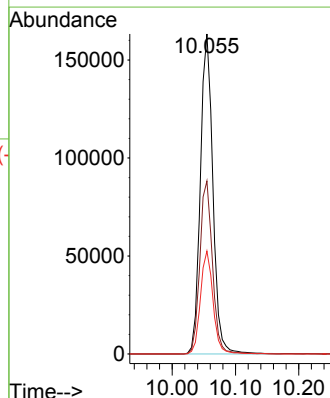
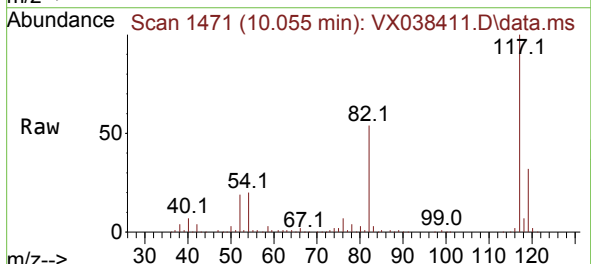
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

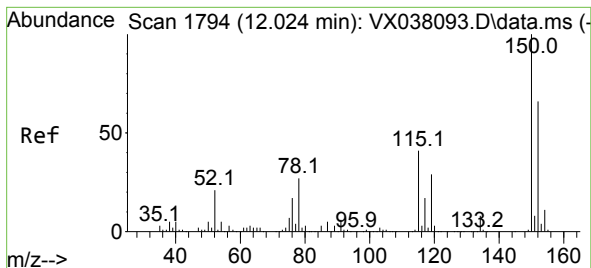
Tgt Ion: 95 Resp: 103572
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 79.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038411.D
Acq: 20 Oct 2023 18:35

Tgt Ion: 117 Resp: 225385
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX038411.D

Acq: 20 Oct 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

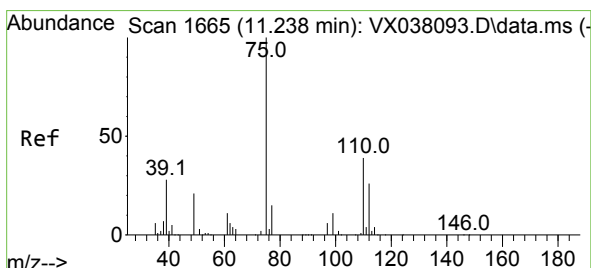
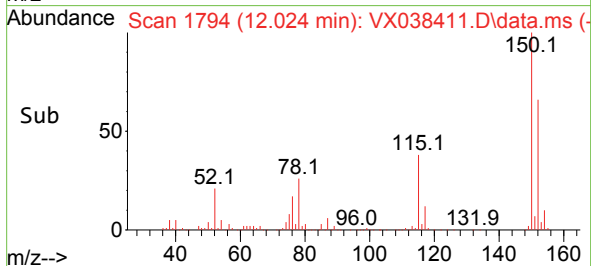
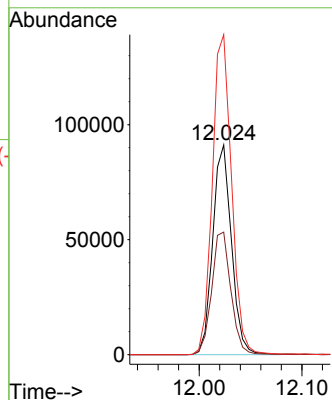
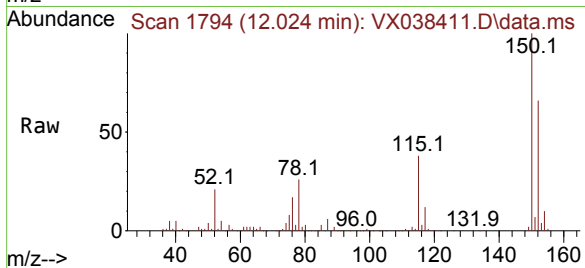
Tgt Ion:152 Resp: 115339

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038411.D

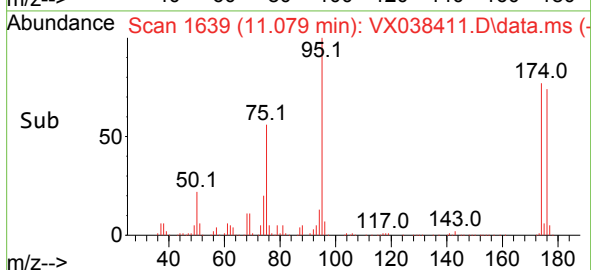
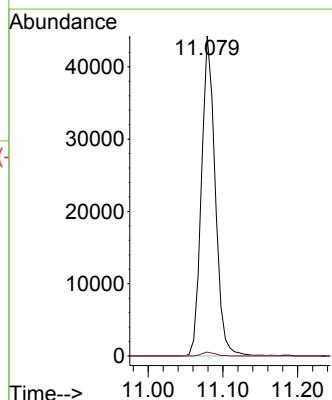
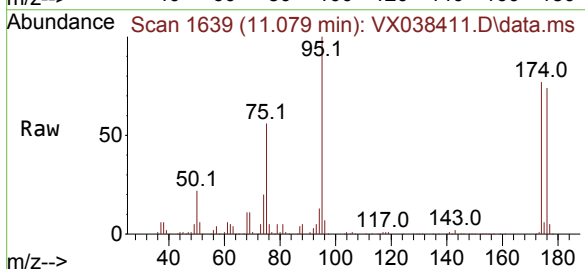
Acq: 20 Oct 2023 18:35

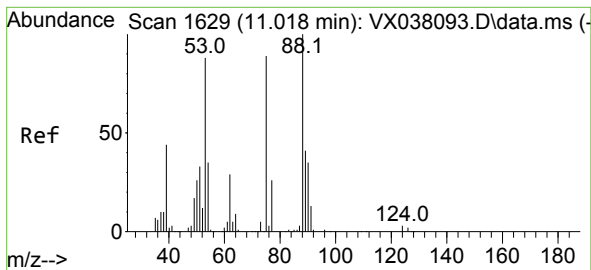
Tgt Ion: 75 Resp: 56662

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.042 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038411.D
 Acq: 20 Oct 2023 18:35

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

Tgt Ion: 75 Resp: 56662
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.2 36.9 55.3#

