

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038410.D
 Acq On : 20 Oct 2023 18:12
 Operator : JC/MD
 Sample : 04987-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Oct 21 01:48:04 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)

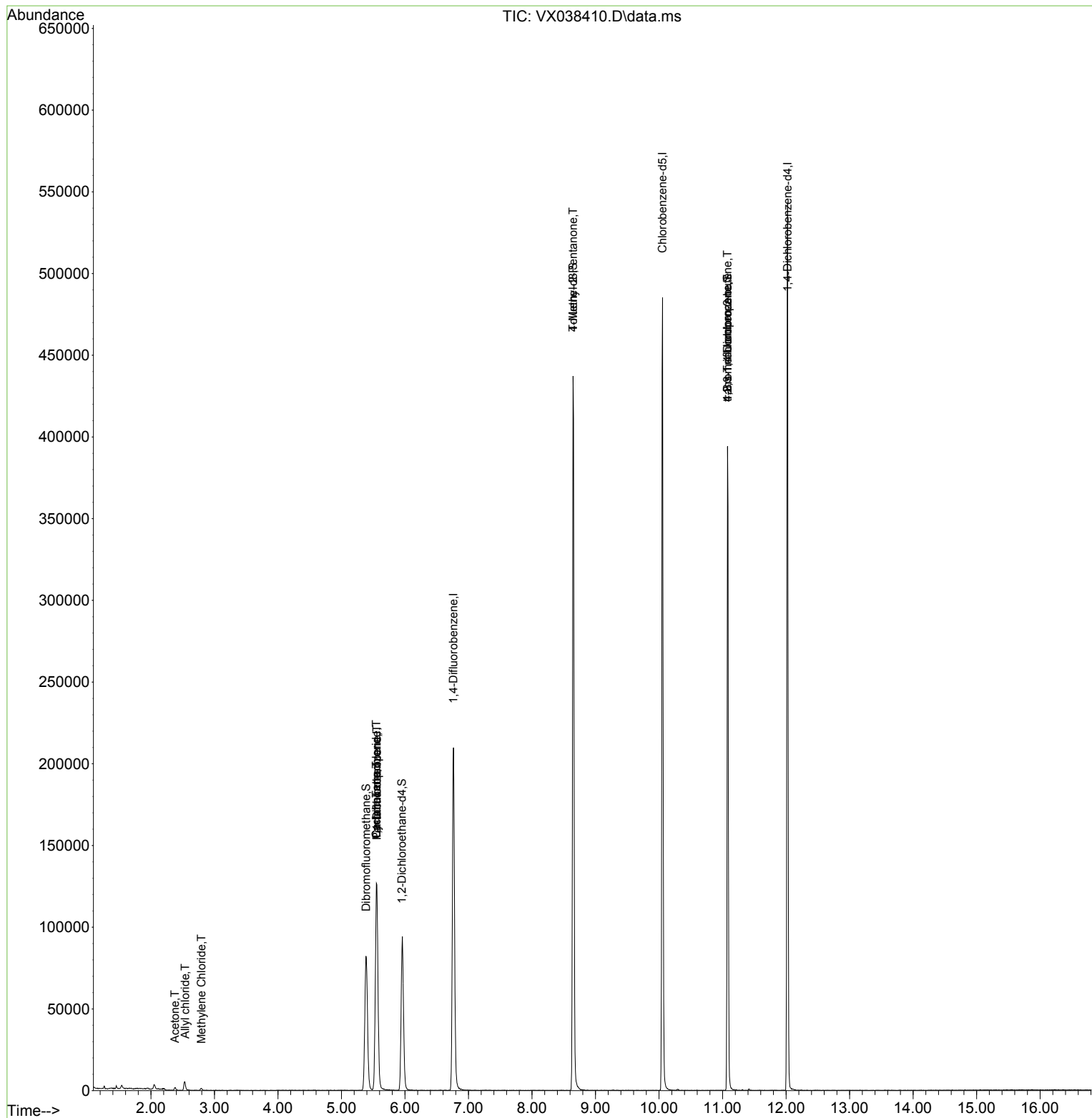
Internal Standards						
1) Pentafluorobenzene	5.556	168	121434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86869	44.475	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.960%
35) Dibromofluoromethane	5.385	113	71825	46.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.180%
50) Toluene-d8	8.647	98	270897	45.496	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.000%#
62) 4-Bromofluorobenzene	11.079	95	98620	43.689	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.410	94	19	Below Cal	#	3
6) Chloroethane	1.648	64	19	Below Cal	#	43
14) Allyl chloride	2.538	41	611	0.307	ug/l #	61
16) Acetone	2.380	43	1828	2.242	ug/l #	79
20) Methylene Chloride	2.794	84	639	0.417	ug/l #	89
31) Cyclohexane	5.550	56	2687	1.270	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	9527	4.434	ug/l #	52
38) Carbon Tetrachloride	5.550	117	12368	5.851	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1233	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	54192	21.543	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	54192	61.864	ug/l #	5

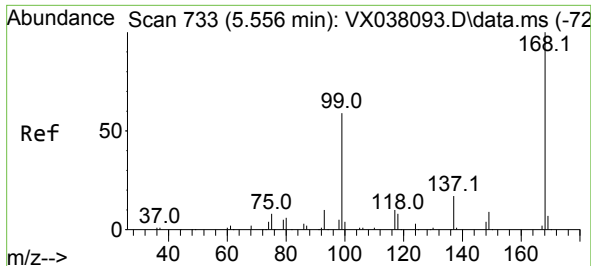
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

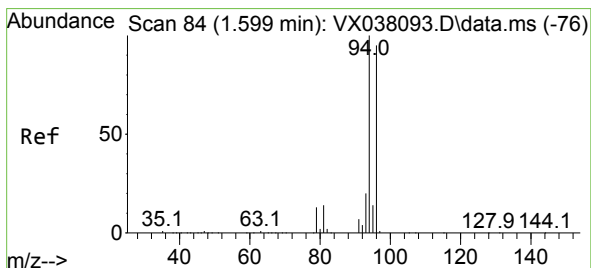
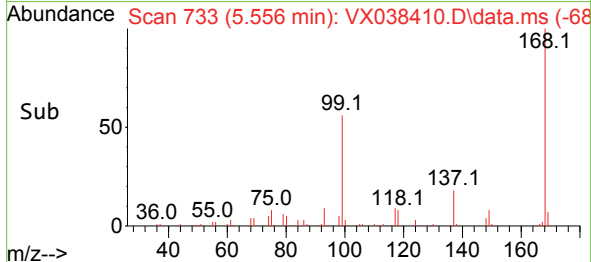
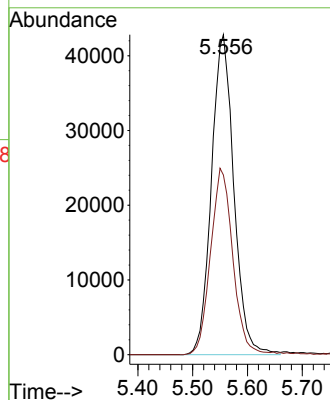
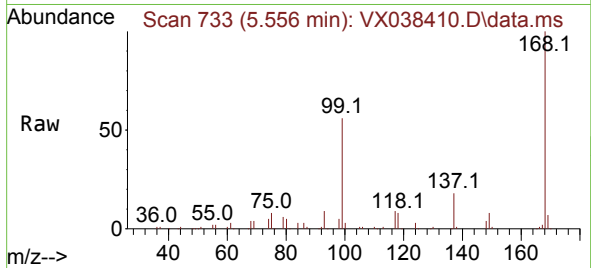




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

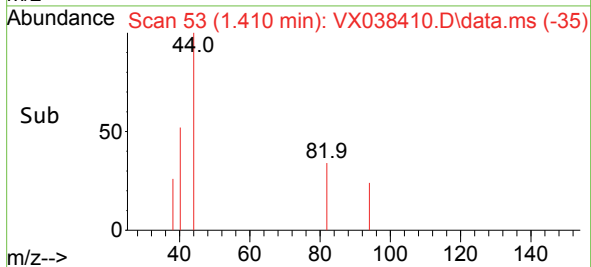
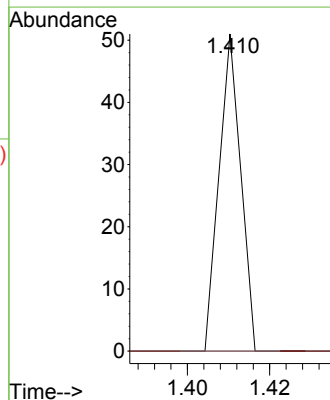
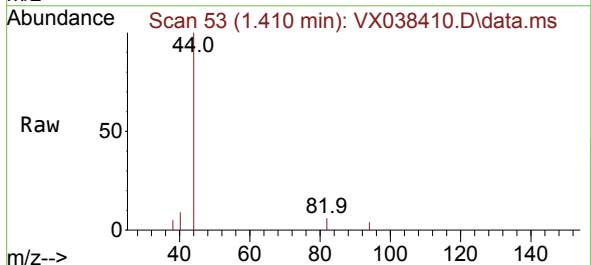
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

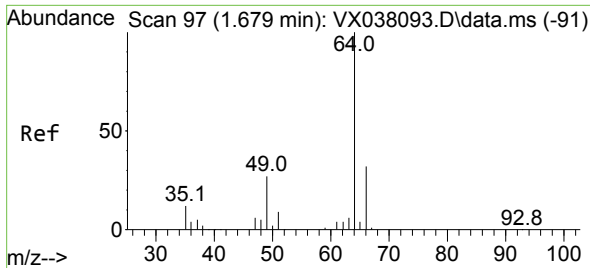
Tgt Ion:168 Resp: 121434
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.410 min Scan# 53
Delta R.T. -0.189 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

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

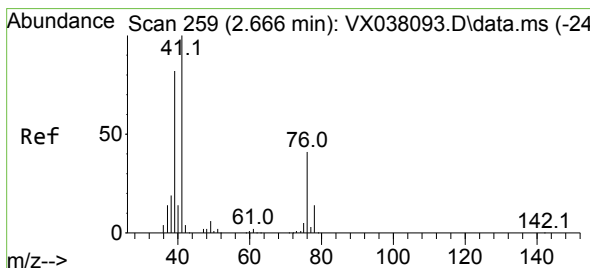
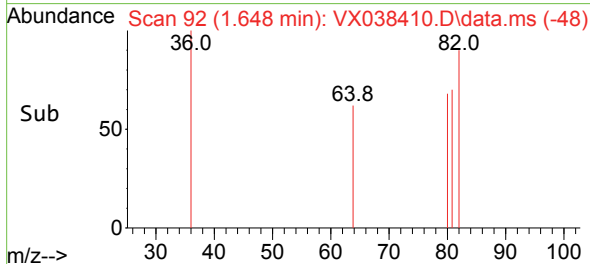
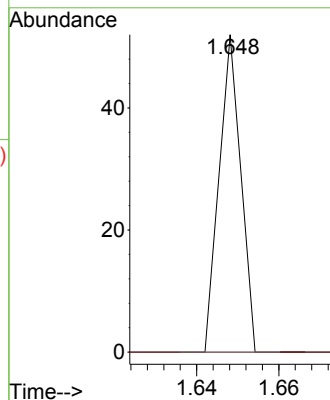
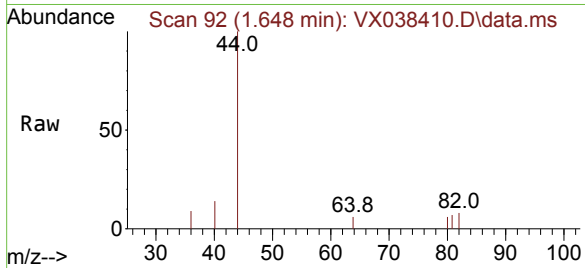




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.031 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

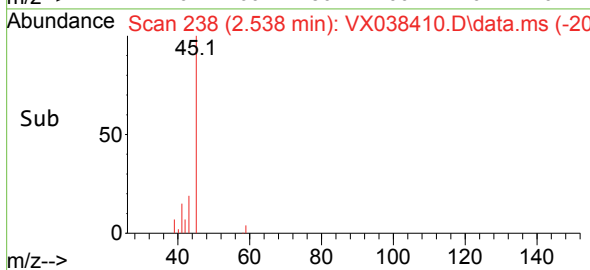
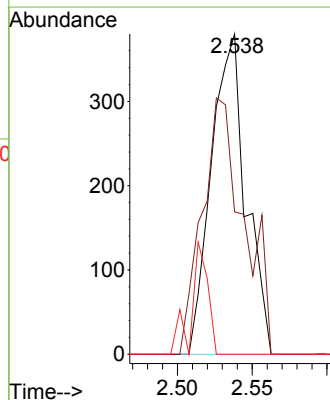
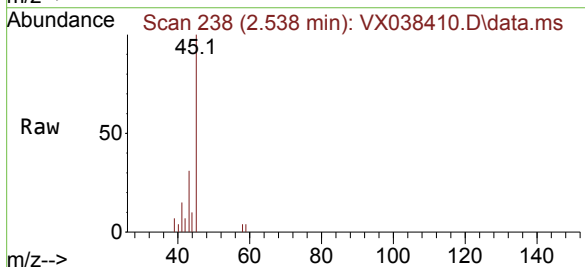
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

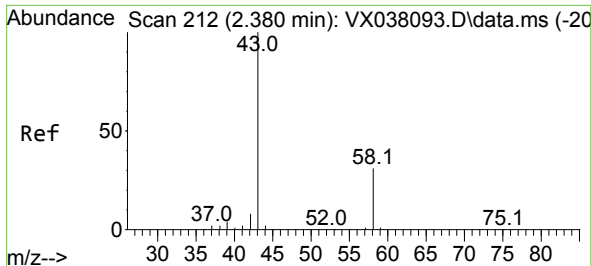
Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#14
Allyl chloride
Concen: 0.307 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.122 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

Tgt Ion: 41 Resp: 611
Ion Ratio Lower Upper
41 100
39 95.9 55.8 83.6#
76 0.0 24.3 36.5#

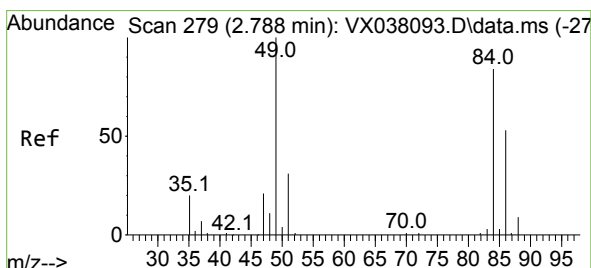
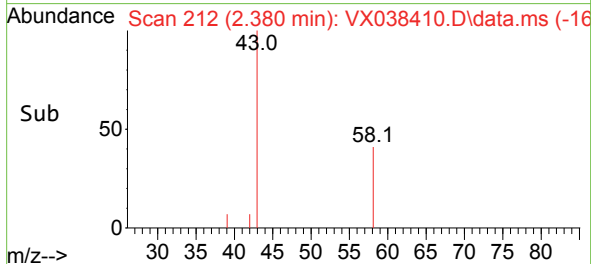
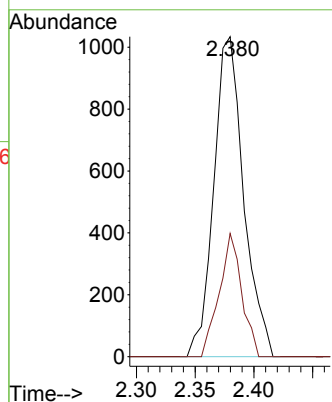
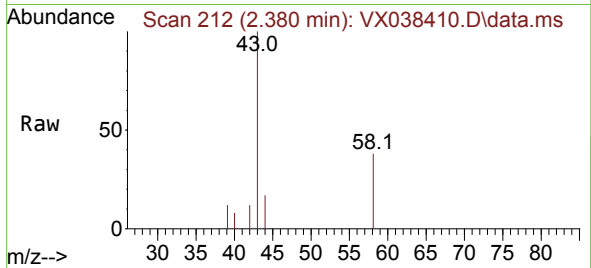




#16
Acetone
Concen: 2.242 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

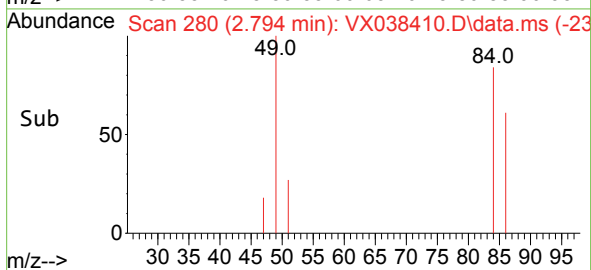
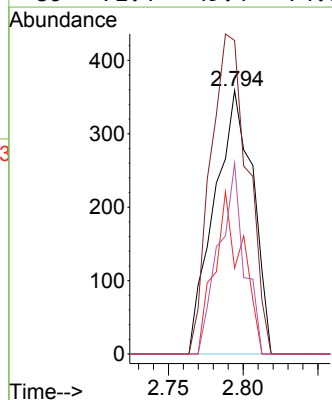
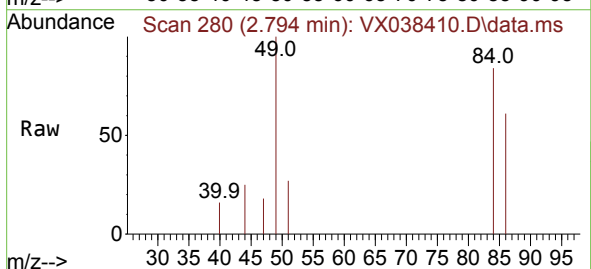
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

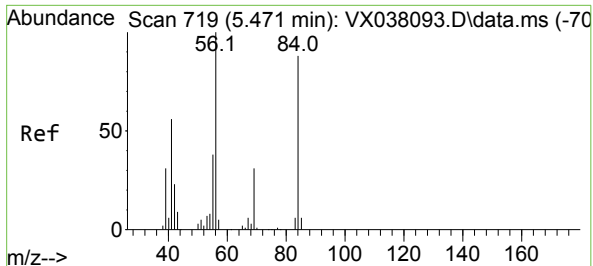
Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
58 38.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.417 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

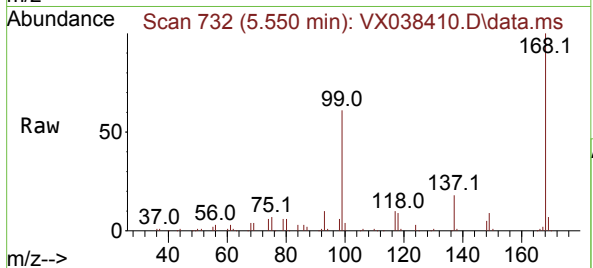
Tgt Ion: 84 Resp: 639
Ion Ratio Lower Upper
84 100
49 118.9 103.6 155.4
51 32.6 33.8 50.6#
86 72.4 49.4 74.0



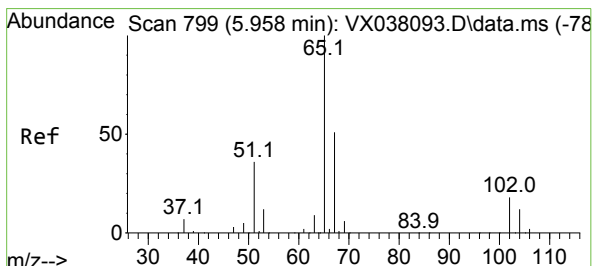
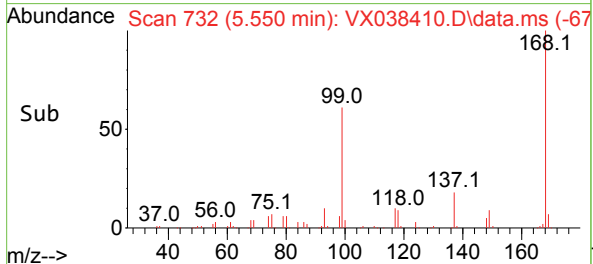
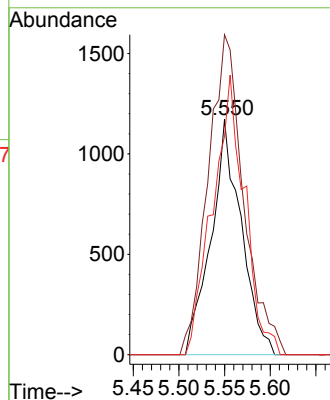


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

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

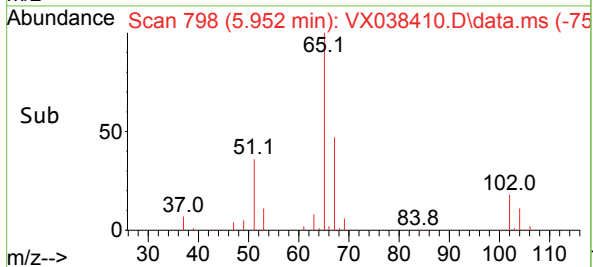
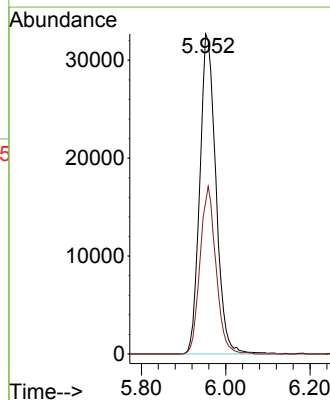
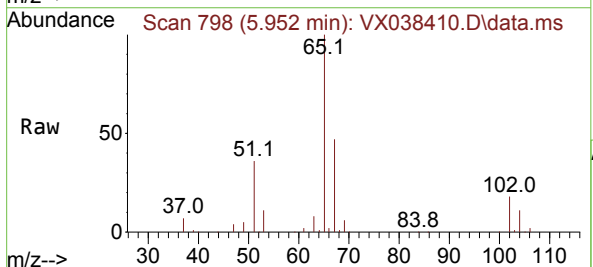


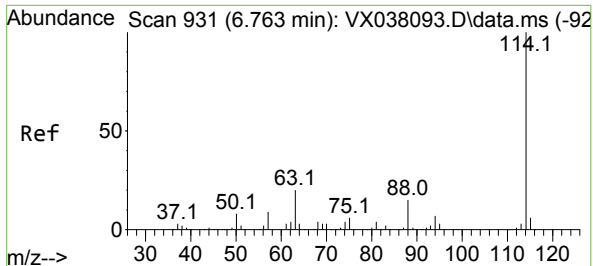
Tgt Ion: 56 Resp: 2687
Ion Ratio Lower Upper
56 100
69 136.0 23.4 35.2#
84 92.7 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 44.475 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

Tgt Ion: 65 Resp: 86869
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

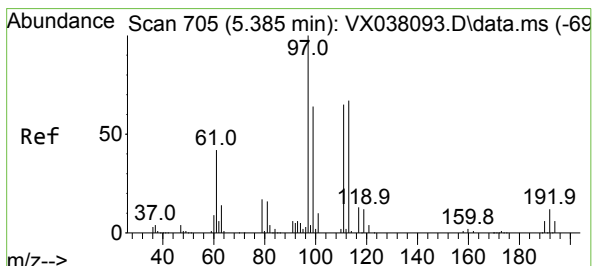
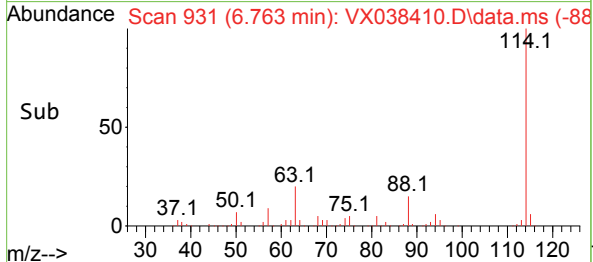
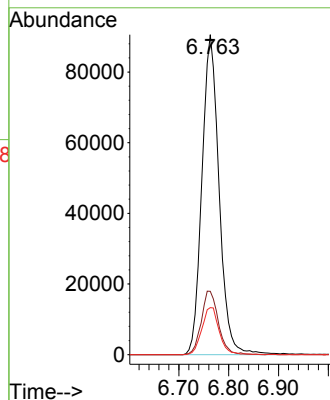
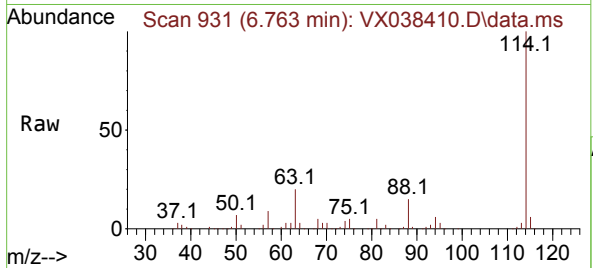




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

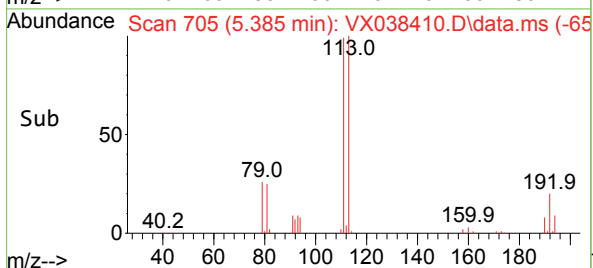
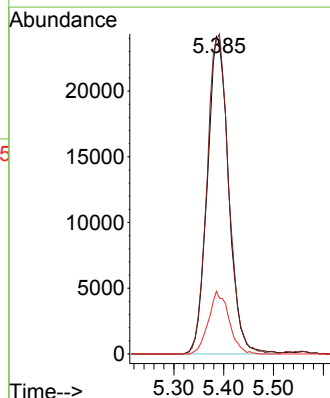
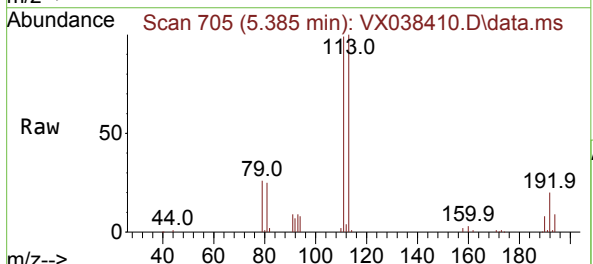
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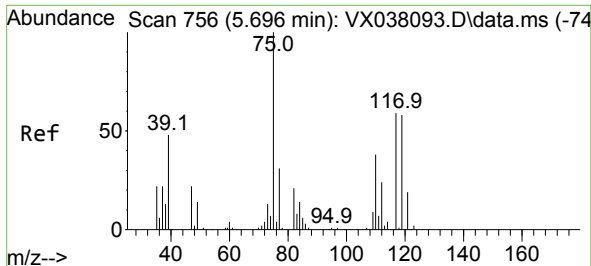
Tgt Ion:114 Resp: 216248
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

Tgt Ion:113 Resp: 71825
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.0 13.3 19.9

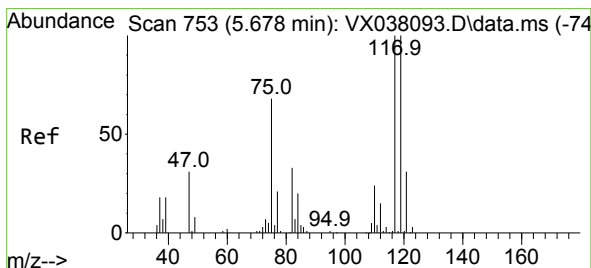
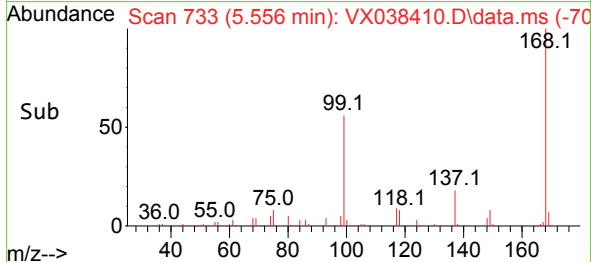
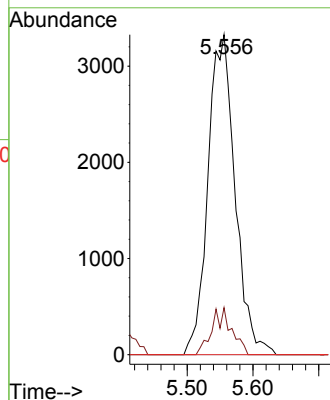
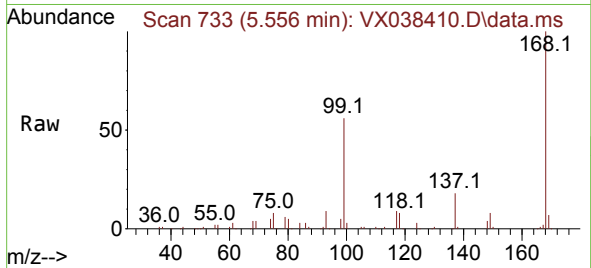




#36
1,1-Dichloropropene
Concen: 4.434 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

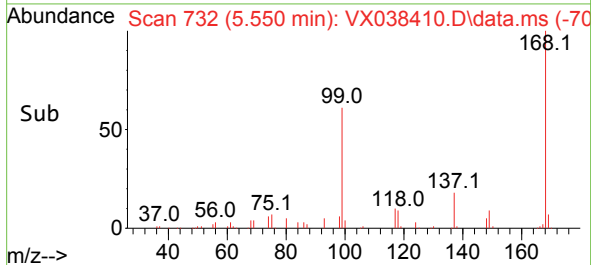
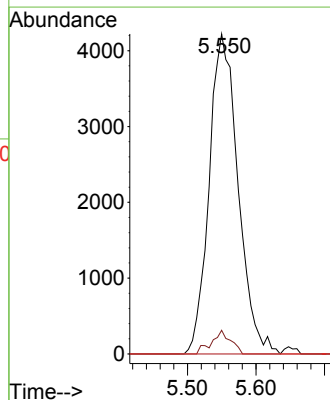
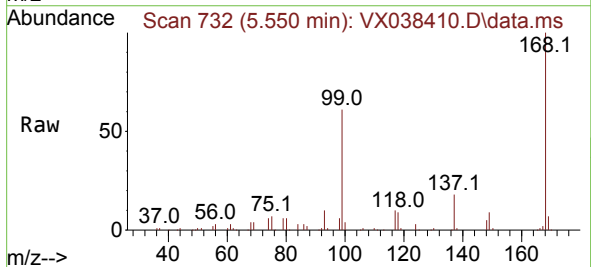
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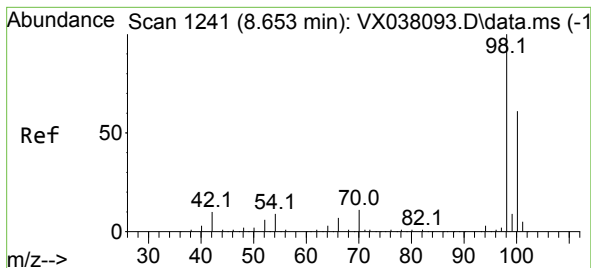
Tgt Ion: 75 Resp: 9527
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

Tgt Ion: 117 Resp: 12368
Ion Ratio Lower Upper
117 100
119 7.4 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.496 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038410.D

Acq: 20 Oct 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

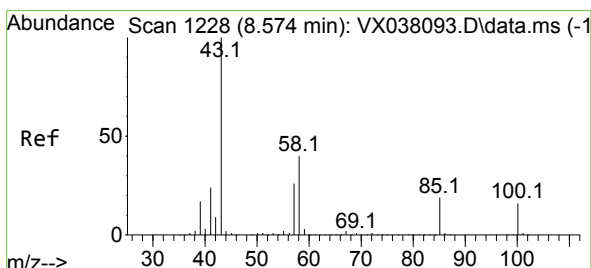
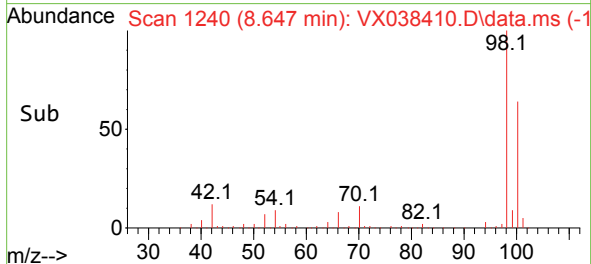
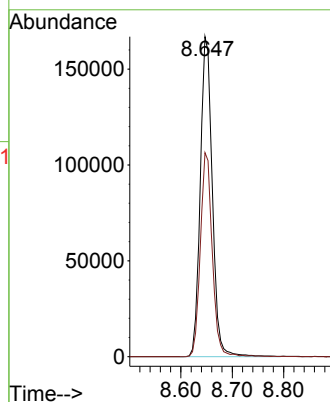
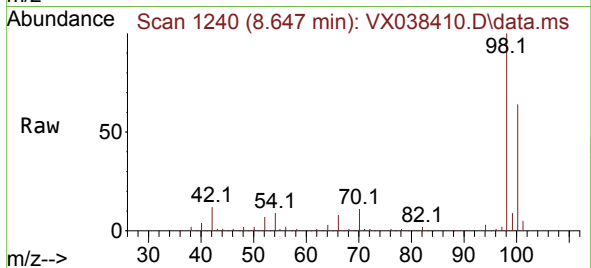
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 270897

Ion Ratio Lower Upper

98 100

100 63.3 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038410.D

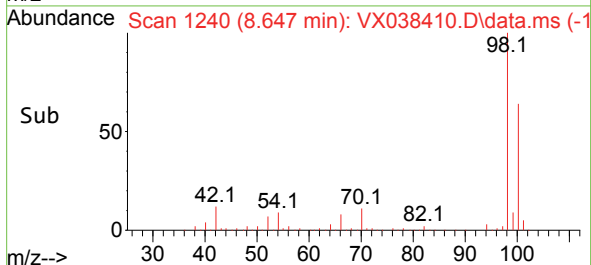
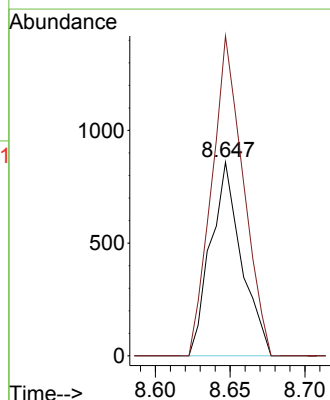
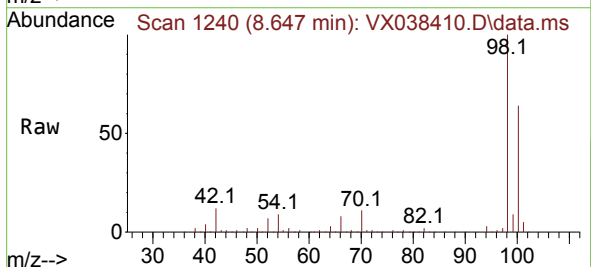
Acq: 20 Oct 2023 18:12

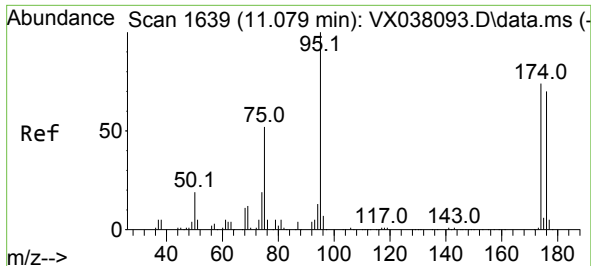
Tgt Ion: 43 Resp: 1233

Ion Ratio Lower Upper

43 100

58 168.7 30.4 45.6#

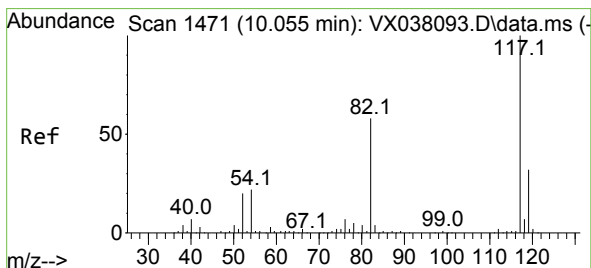
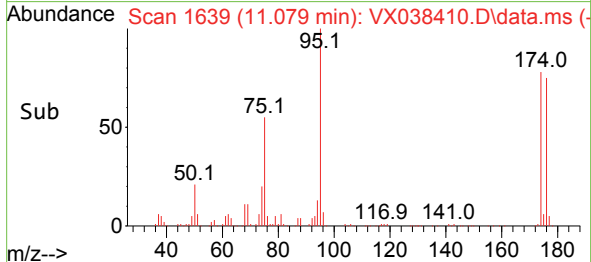
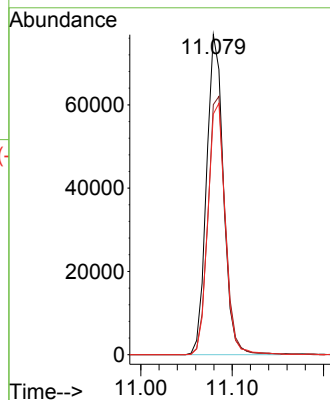
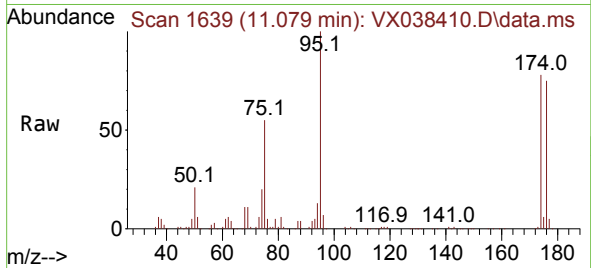




#62
4-Bromofluorobenzene
Concen: 43.689 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

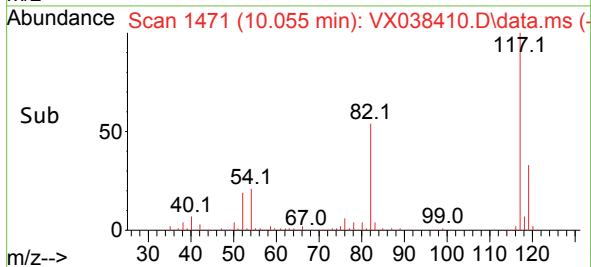
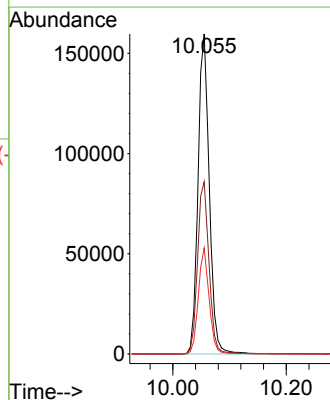
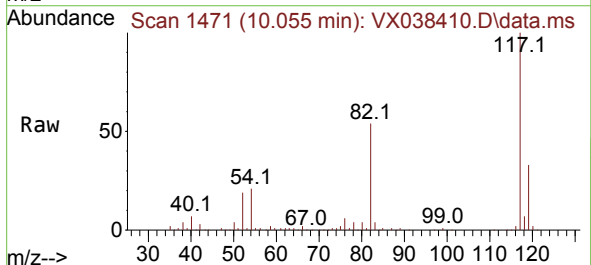
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

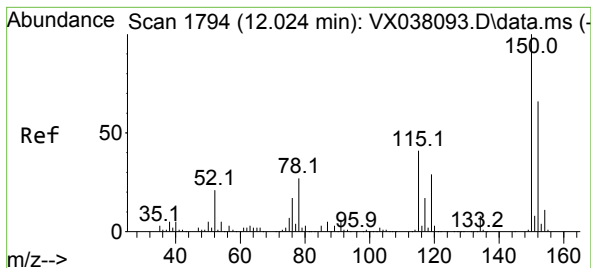
Tgt Ion: 95 Resp: 98620
Ion Ratio Lower Upper
95 100
174 83.0 0.0 135.6
176 80.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038410.D
Acq: 20 Oct 2023 18:12

Tgt Ion: 117 Resp: 219915
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 33.2 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: VX038410.D

Acq: 20 Oct 2023 18:12

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

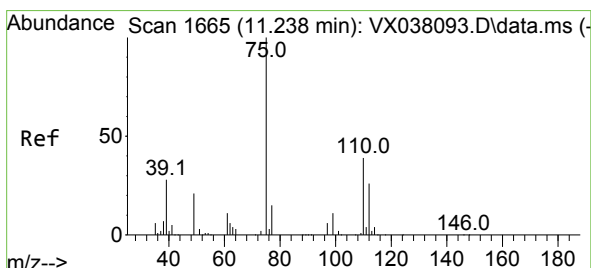
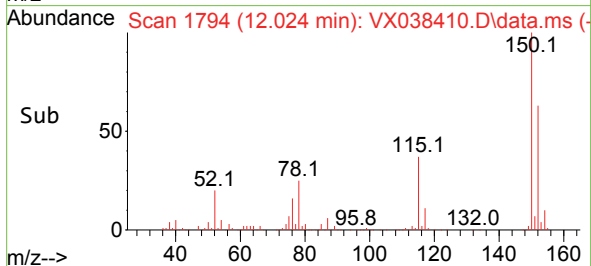
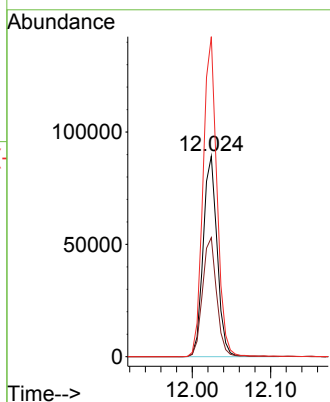
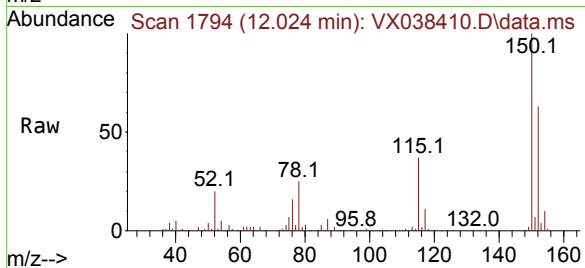
Tgt Ion:152 Resp: 110650

Ion Ratio Lower Upper

152 100

115 60.4 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.543 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038410.D

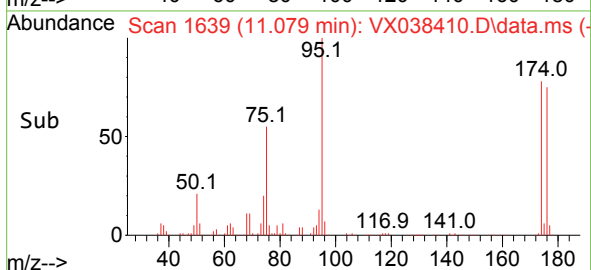
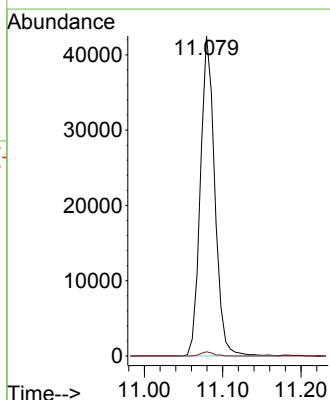
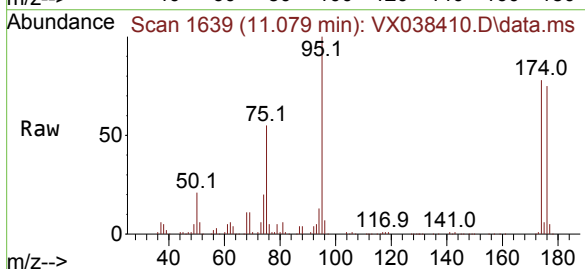
Acq: 20 Oct 2023 18:12

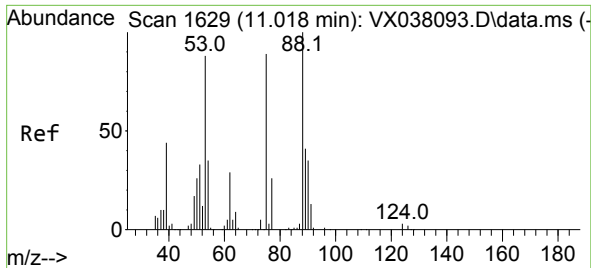
Tgt Ion: 75 Resp: 54192

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.864 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX038410.D
 Acq: 20 Oct 2023 18:12

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

Tgt Ion: 75 Resp: 54192
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

