

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038129.D
 Acq On : 06 Oct 2023 14:34
 Operator : JC/MD
 Sample : 04767-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-2

Quant Time: Oct 07 04:20:29 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)

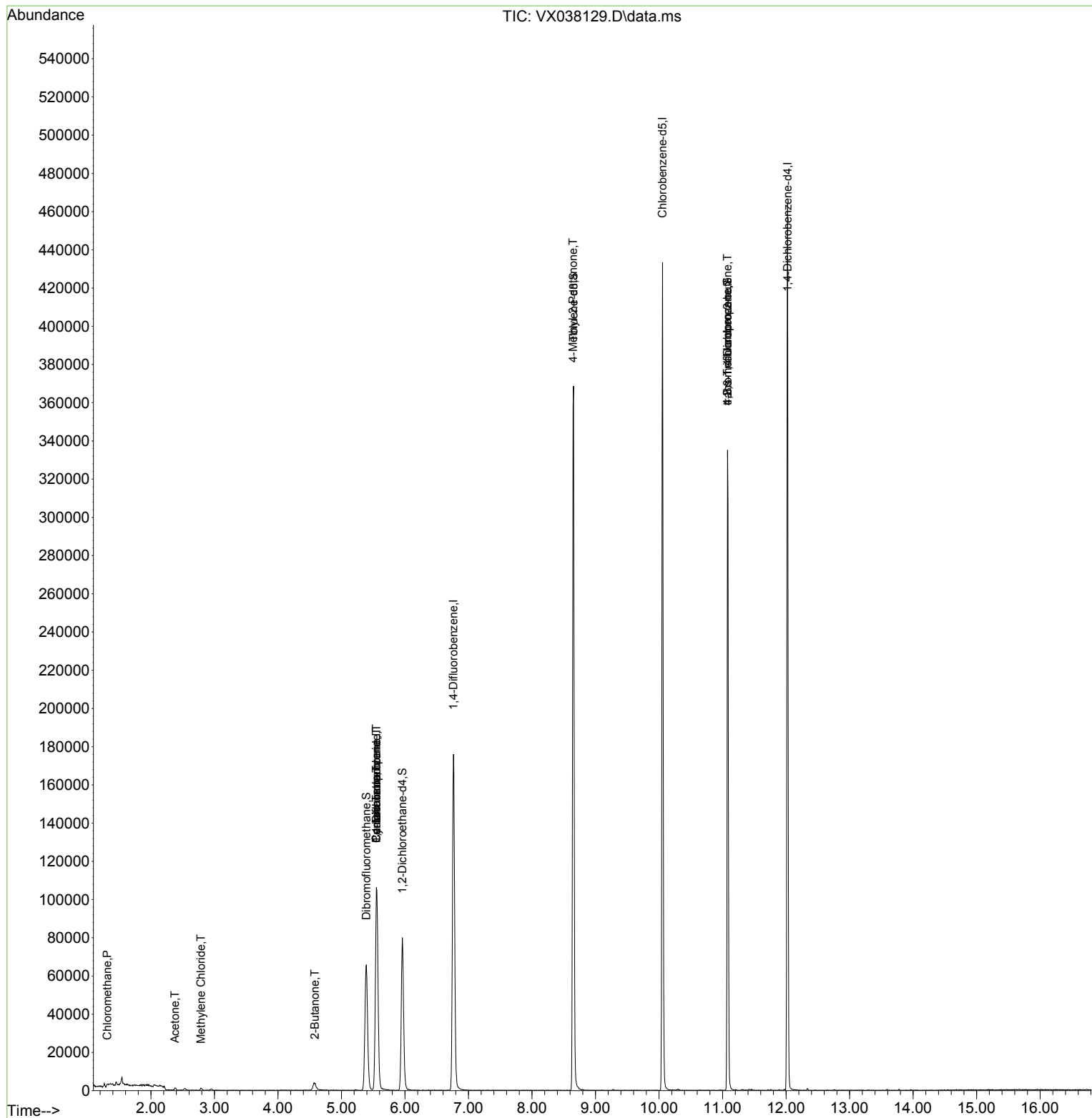
Internal Standards						
1) Pentafluorobenzene	5.550	168	99802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	180596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73370	45.706	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.391	113	56539	43.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.900%
50) Toluene-d8	8.653	98	226116	45.472	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.940%#
62) 4-Bromofluorobenzene	11.079	95	85047	45.114	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	294	0.299	ug/l #	43
5) Bromomethane	1.551	94	70	Below Cal	#	3
6) Chloroethane	1.666	64	206	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	518	Below Cal	#	78
16) Acetone	2.380	43	1386	2.069	ug/l #	85
20) Methylene Chloride	2.788	84	537	0.426	ug/l #	87
25) 2-Butanone	4.580	43	242	0.224	ug/l #	51
31) Cyclohexane	5.550	56	2370	1.363	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	8787	4.897	ug/l #	49
38) Carbon Tetrachloride	5.550	117	10597	6.003	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1145	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	47316	22.618	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47316	64.748	ug/l #	5

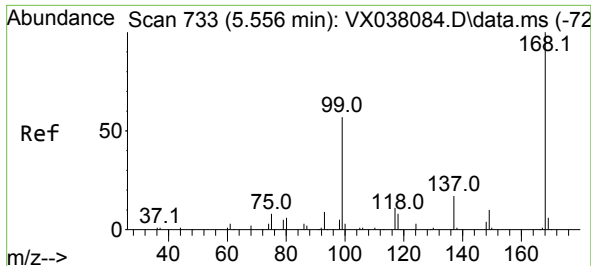
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
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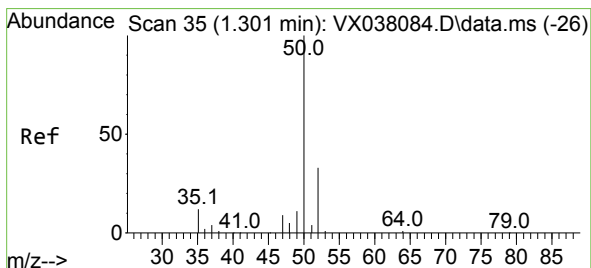
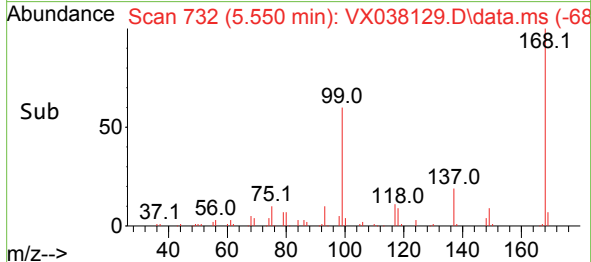
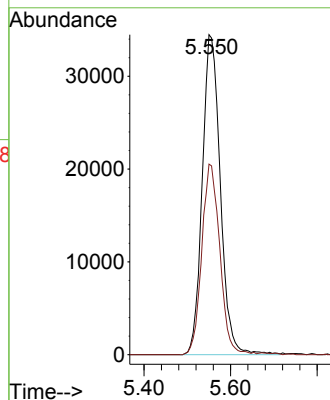
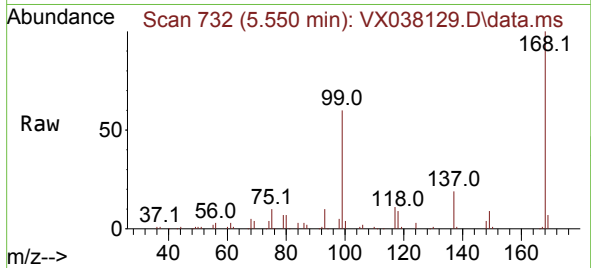




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

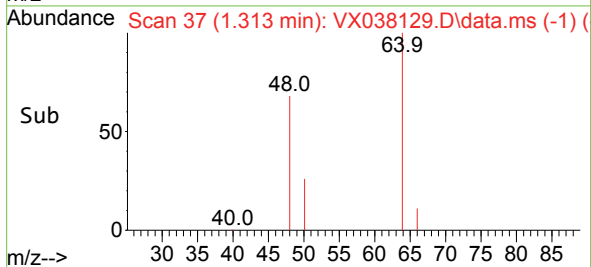
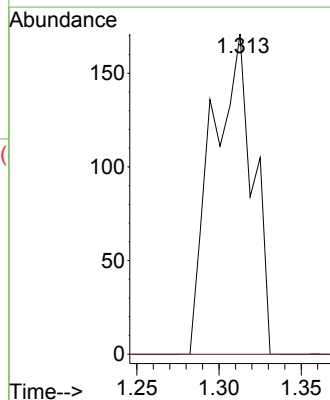
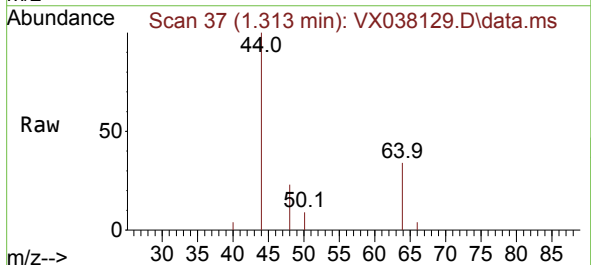
Instrument :
MSVOA_X
ClientSampleId :
FB-2

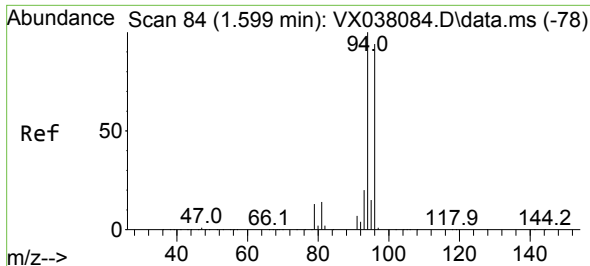
Tgt Ion:168 Resp: 99802
Ion Ratio Lower Upper
168 100
99 59.5 56.6 85.0



#3
Chloromethane
Concen: 0.299 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 50 Resp: 294
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

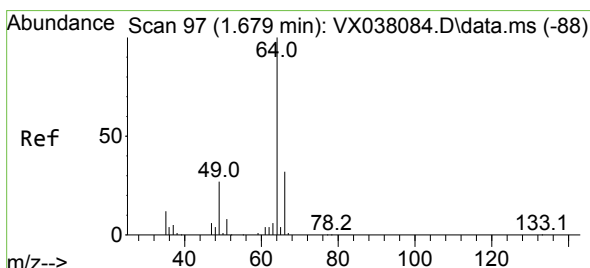
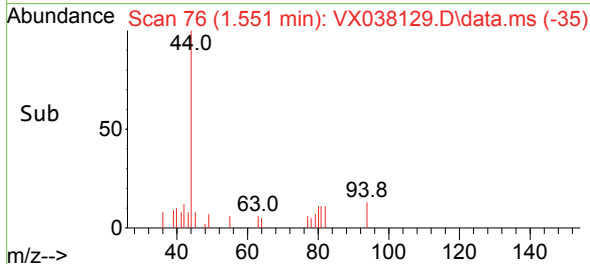
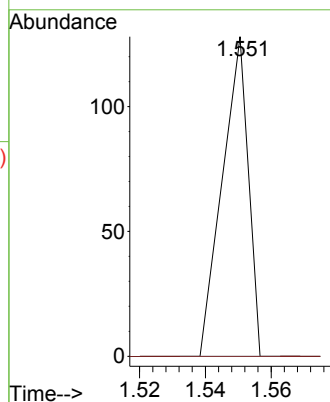
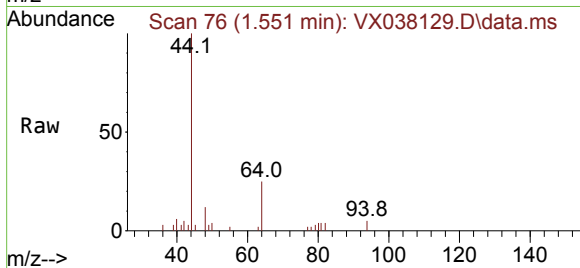




#5
Bromomethane
Concen: Below Cal
RT: 1.551 min Scan# 70
Delta R.T. -0.048 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

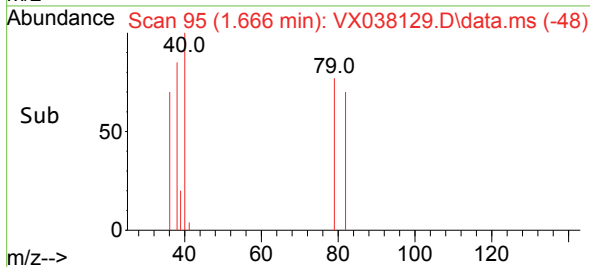
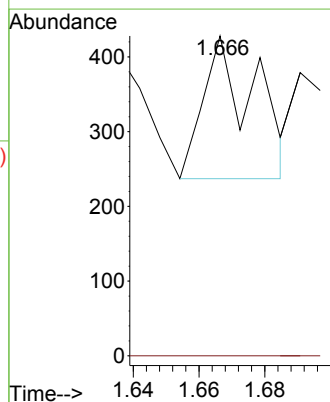
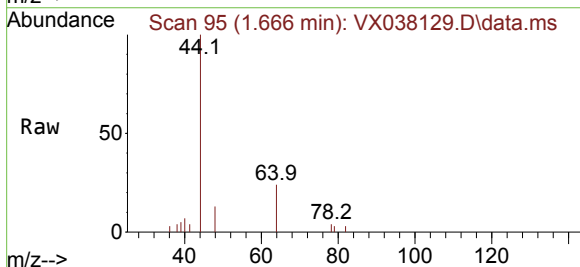
Instrument :
MSVOA_X
ClientSampleId :
FB-2

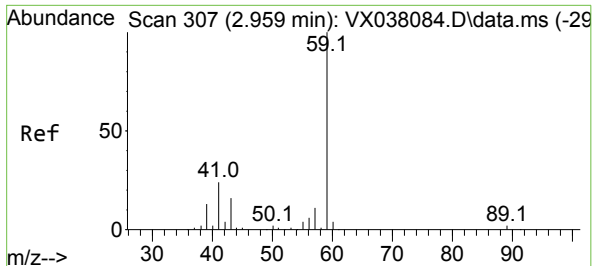
Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 64 Resp: 206
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

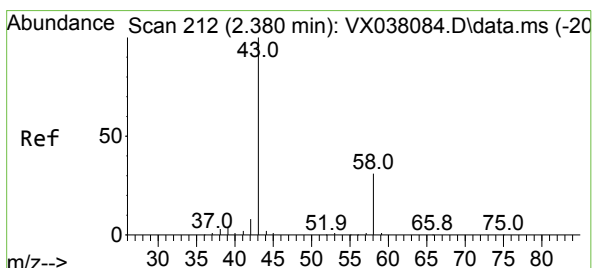
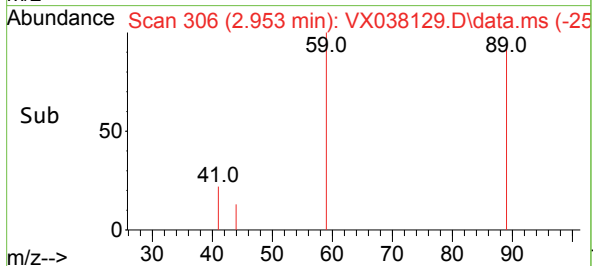
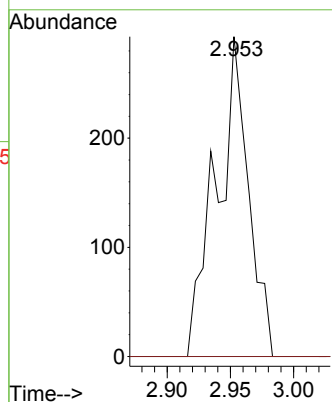
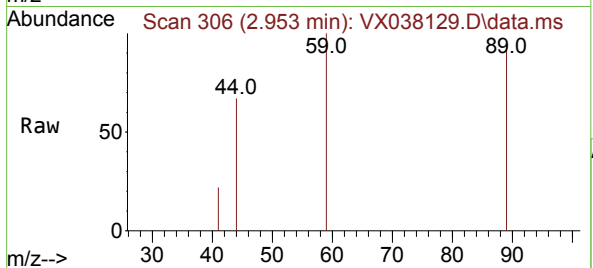




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

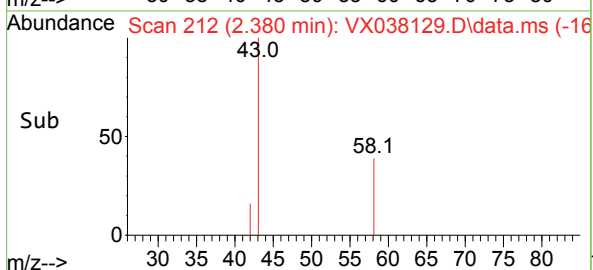
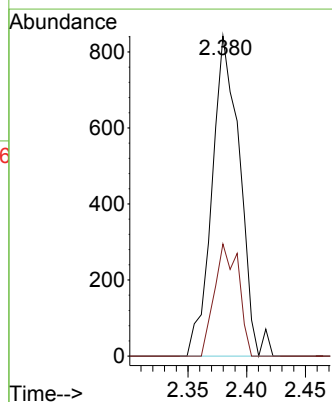
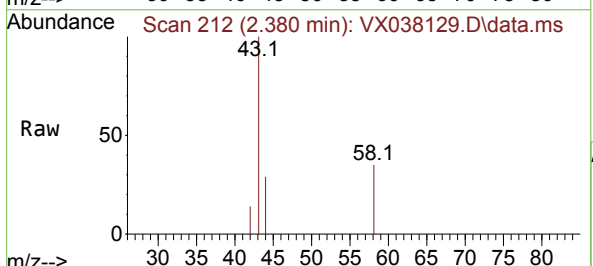
Instrument :
MSVOA_X
ClientSampleId :
FB-2

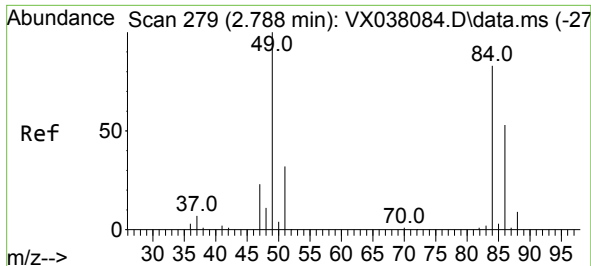
Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 2.069 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 43 Resp: 1386
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#

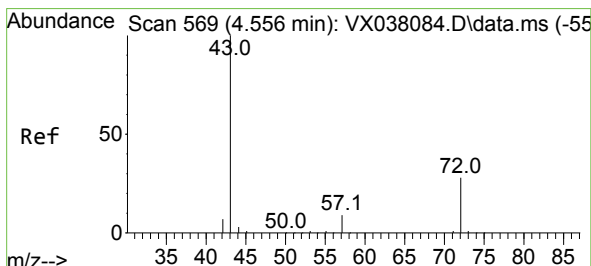
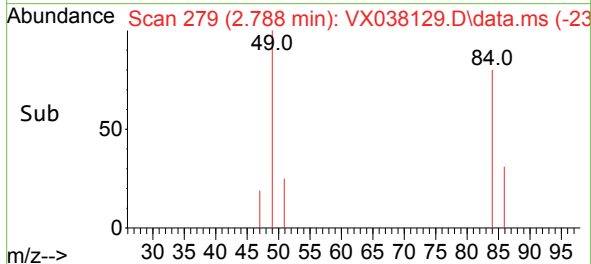
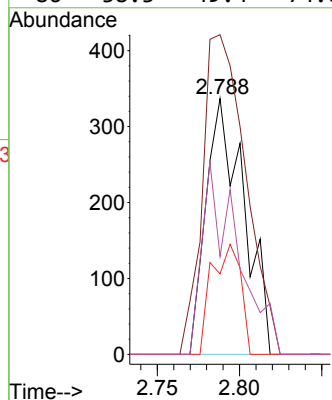
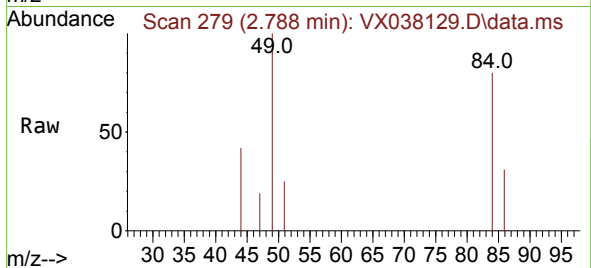




#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

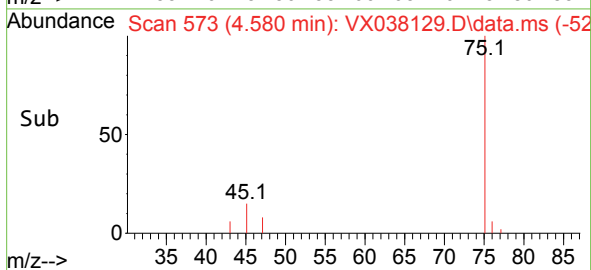
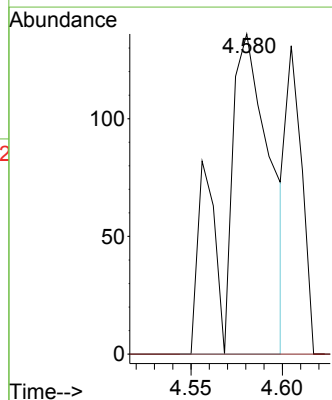
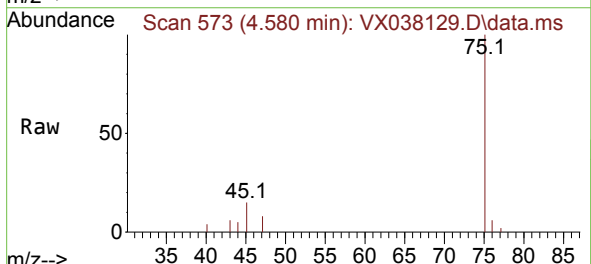
Instrument :
MSVOA_X
ClientSampleId :
FB-2

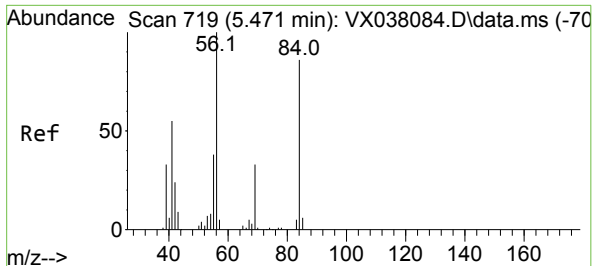
Tgt Ion: 84	Resp: 537
Ion Ratio	Lower Upper
84 100	
49 124.9	103.6 155.4
51 31.5	33.8 50.6#
86 38.3	49.4 74.0#



#25
2-Butanone
Concen: 0.224 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

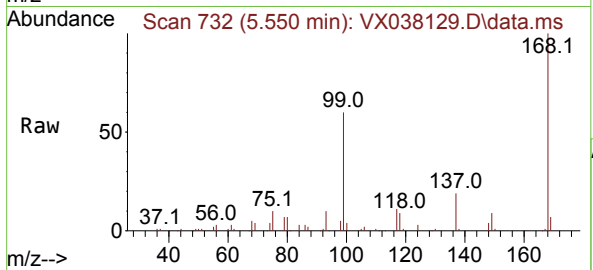
Tgt Ion: 43	Resp: 242
Ion Ratio	Lower Upper
43 100	
72 0.0	19.4 29.2#



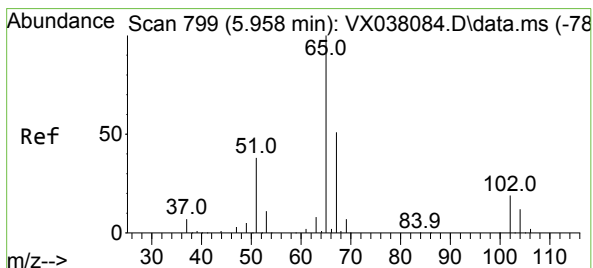
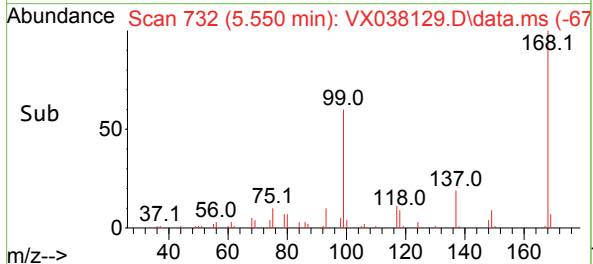
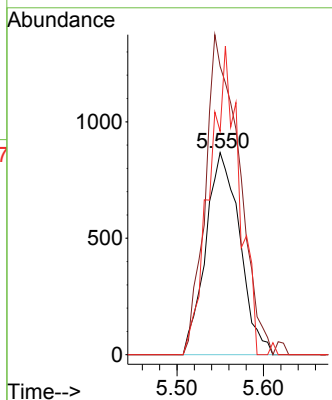


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Instrument :
MSVOA_X
ClientSampleId :
FB-2

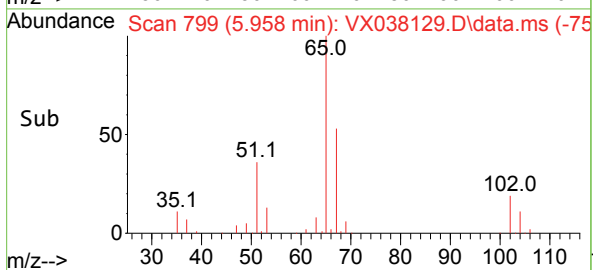
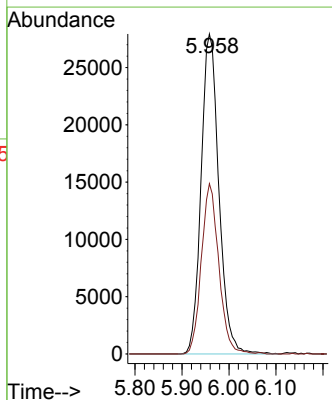
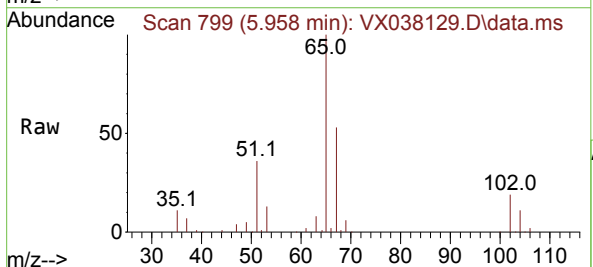


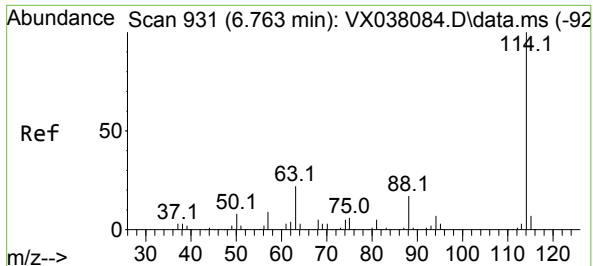
Tgt Ion: 56 Resp: 2370
Ion Ratio Lower Upper
56 100
69 142.6 23.4 35.2#
84 110.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.706 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 65 Resp: 73370
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

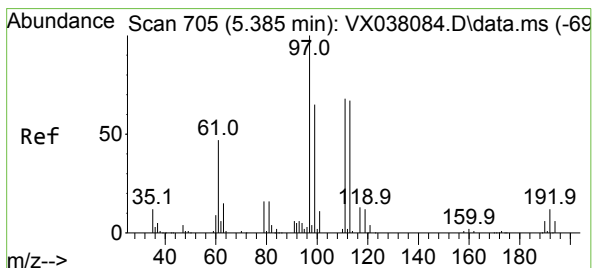
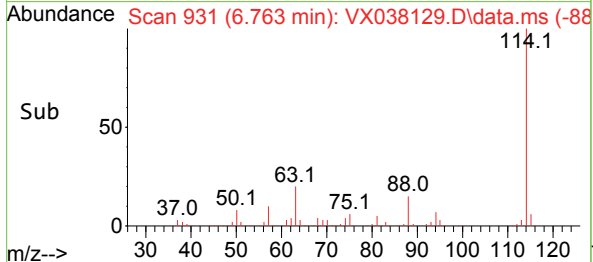
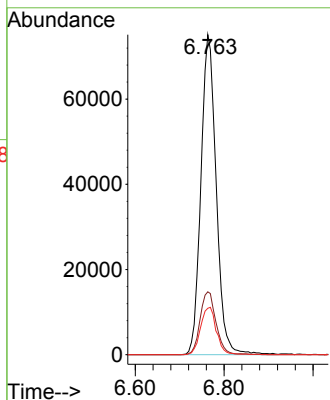
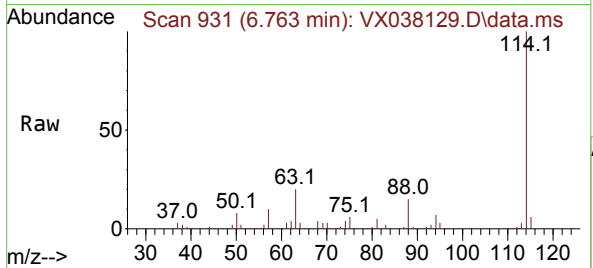




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

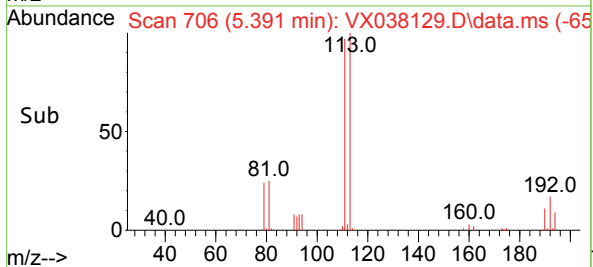
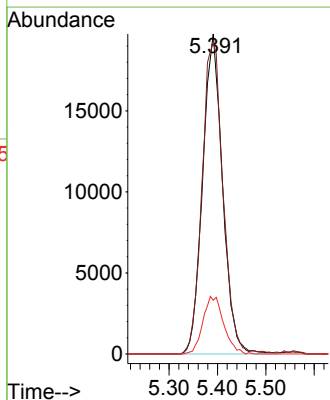
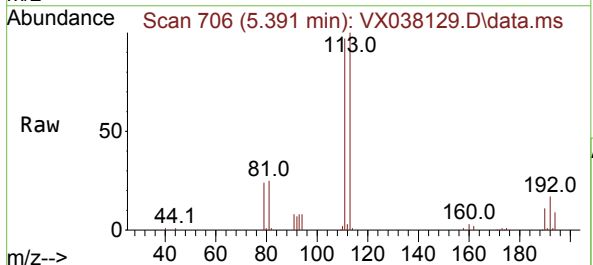
Instrument :
MSVOA_X
ClientSampleId :
FB-2

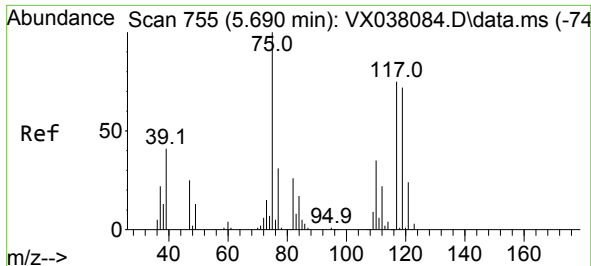
Tgt Ion:114 Resp: 180596
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.448 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion:113 Resp: 56539
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 18.7 13.3 19.9

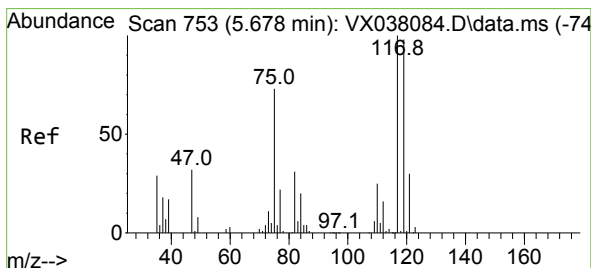
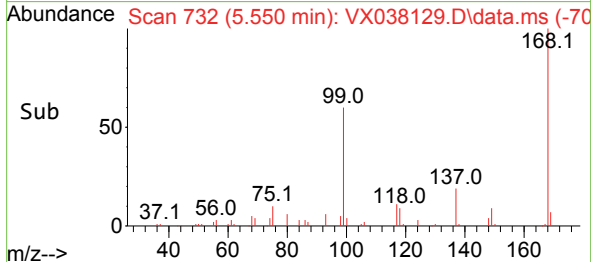
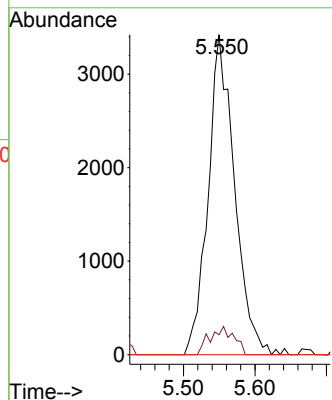
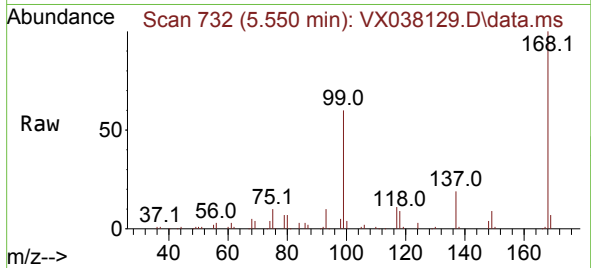




#36
1,1-Dichloropropene
Concen: 4.897 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

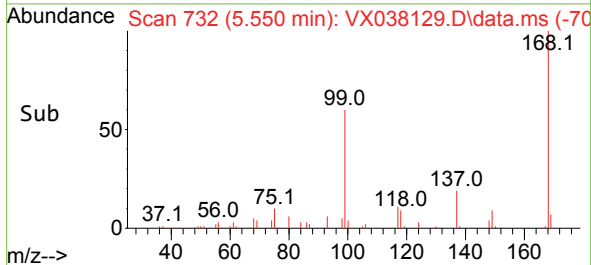
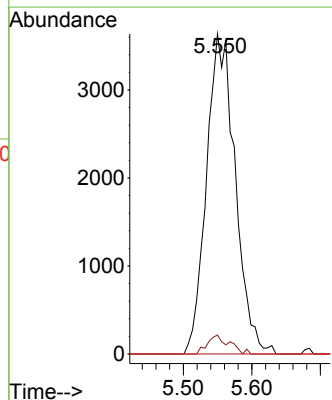
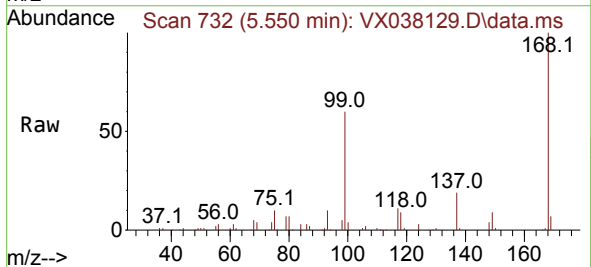
Instrument :
MSVOA_X
ClientSampleId :
FB-2

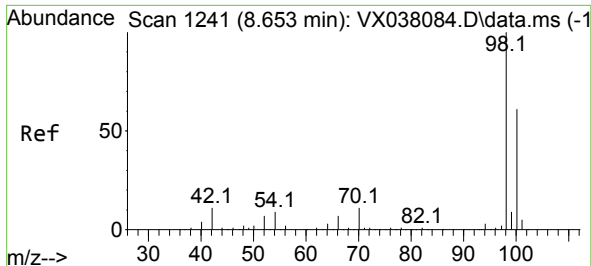
Tgt Ion: 75 Resp: 8787
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.003 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 117 Resp: 10597
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

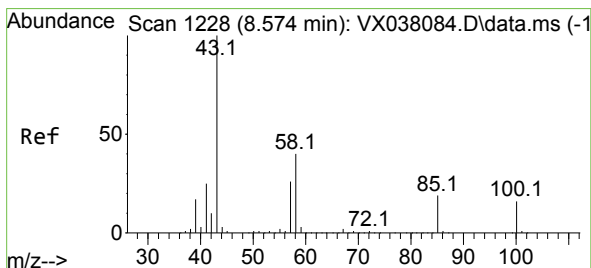
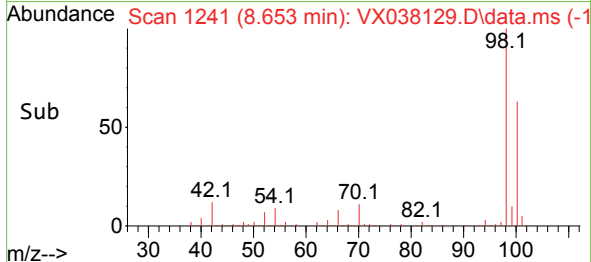
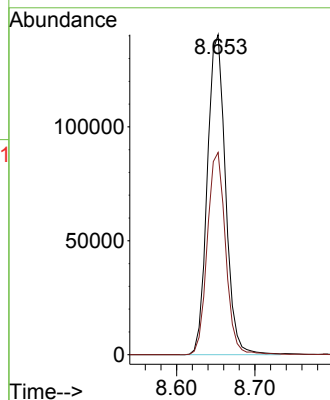
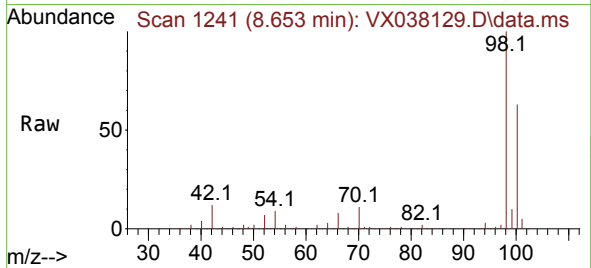




#50
Toluene-d8
Concen: 45.472 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

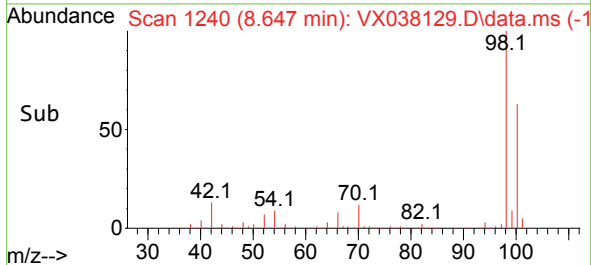
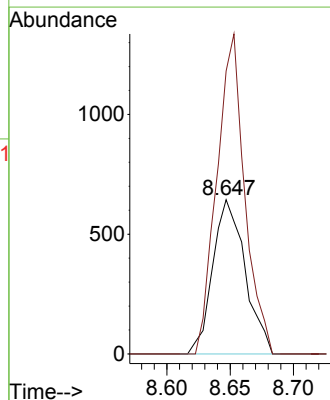
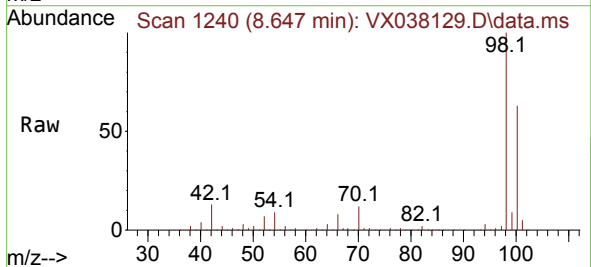
Instrument :
MSVOA_X
ClientSampleId :
FB-2

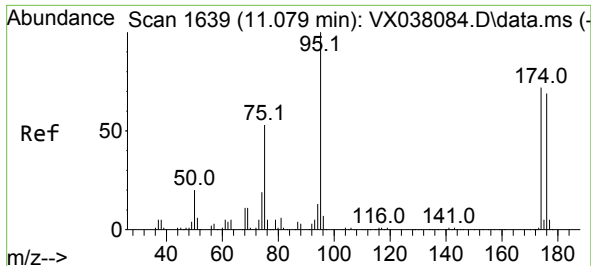
Tgt Ion: 98 Resp: 226116
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
58 179.1 30.4 45.6#

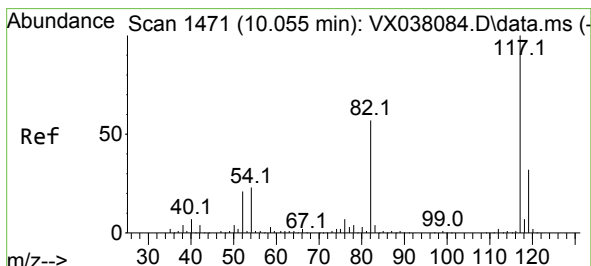
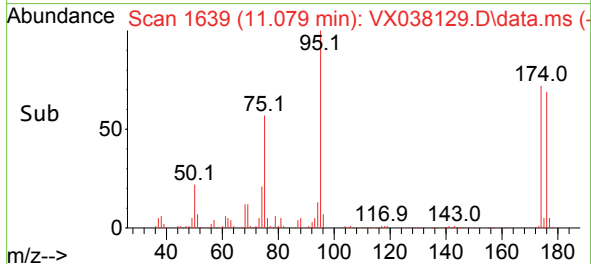
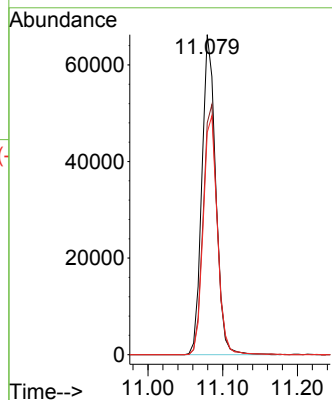
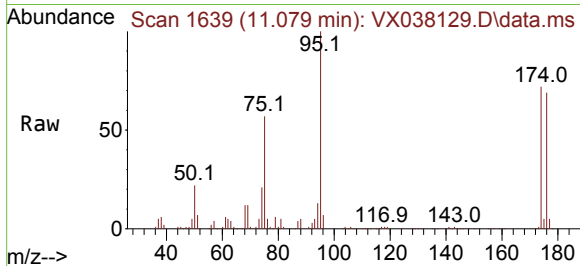




#62
4-Bromofluorobenzene
Concen: 45.114 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

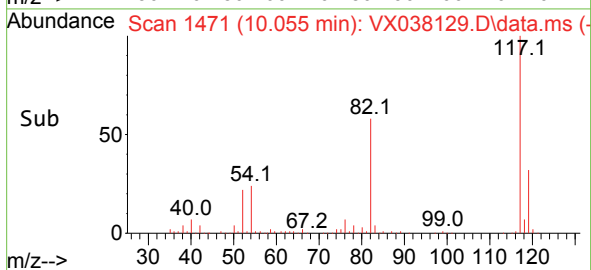
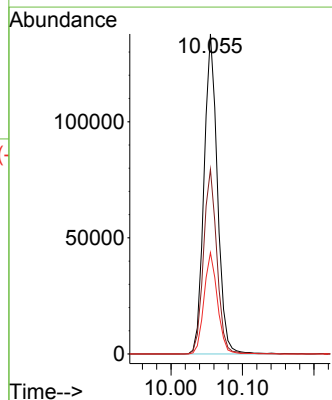
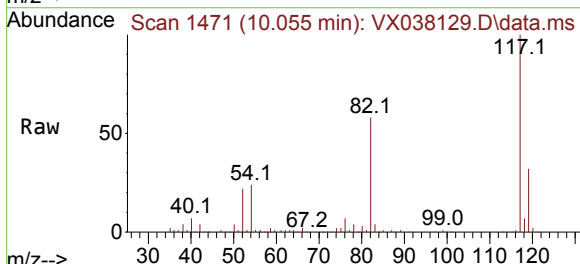
Instrument :
MSVOA_X
ClientSampleId :
FB-2

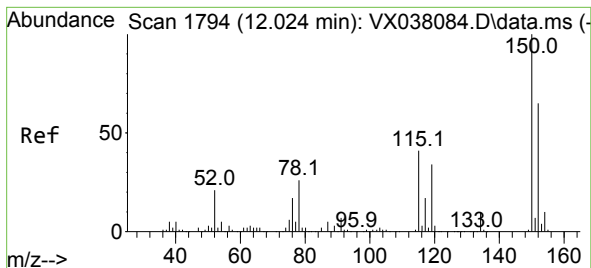
Tgt Ion: 95 Resp: 85047
Ion Ratio Lower Upper
95 100
174 80.1 0.0 135.6
176 76.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038129.D
Acq: 06 Oct 2023 14:34

Tgt Ion: 117 Resp: 179529
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.6 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: VX038129.D

Acq: 06 Oct 2023 14:34

Instrument :

MSVOA_X

ClientSampleId :

FB-2

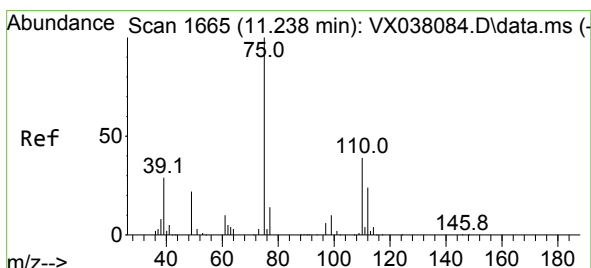
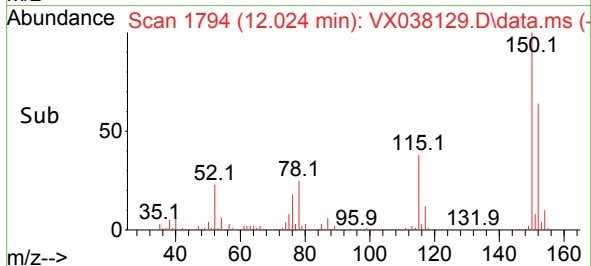
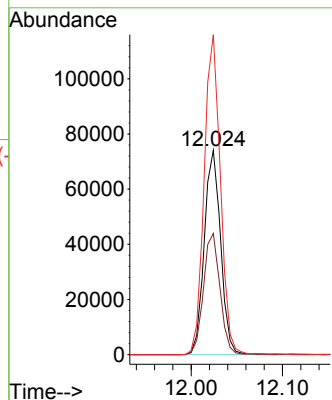
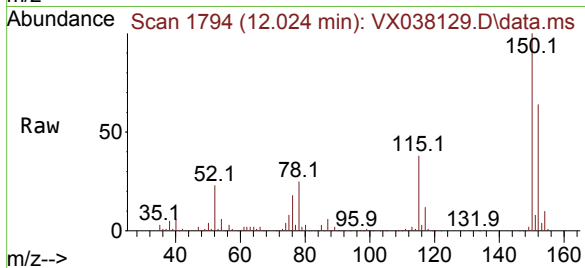
Tgt Ion:152 Resp: 92021

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038129.D

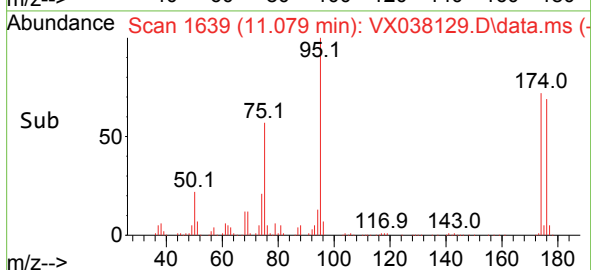
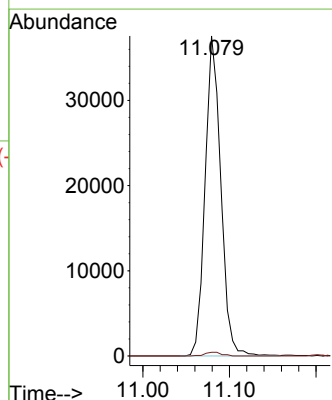
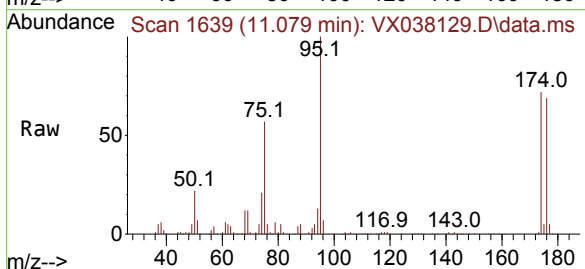
Acq: 06 Oct 2023 14:34

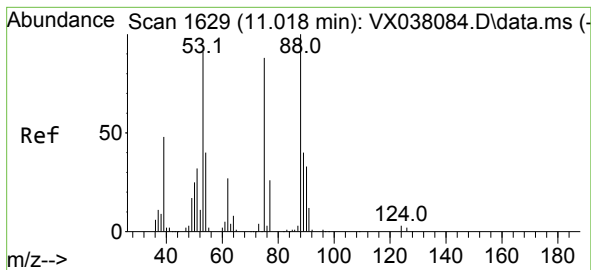
Tgt Ion: 75 Resp: 47316

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.748 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038129.D
 Acq: 06 Oct 2023 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-2

Tgt Ion: 75 Resp: 47316
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

