

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038654.D
 Acq On : 08 Nov 2023 14:31
 Operator : JC/MD
 Sample : 05222-02RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-2-20231031

Quant Time: Nov 09 01:20:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

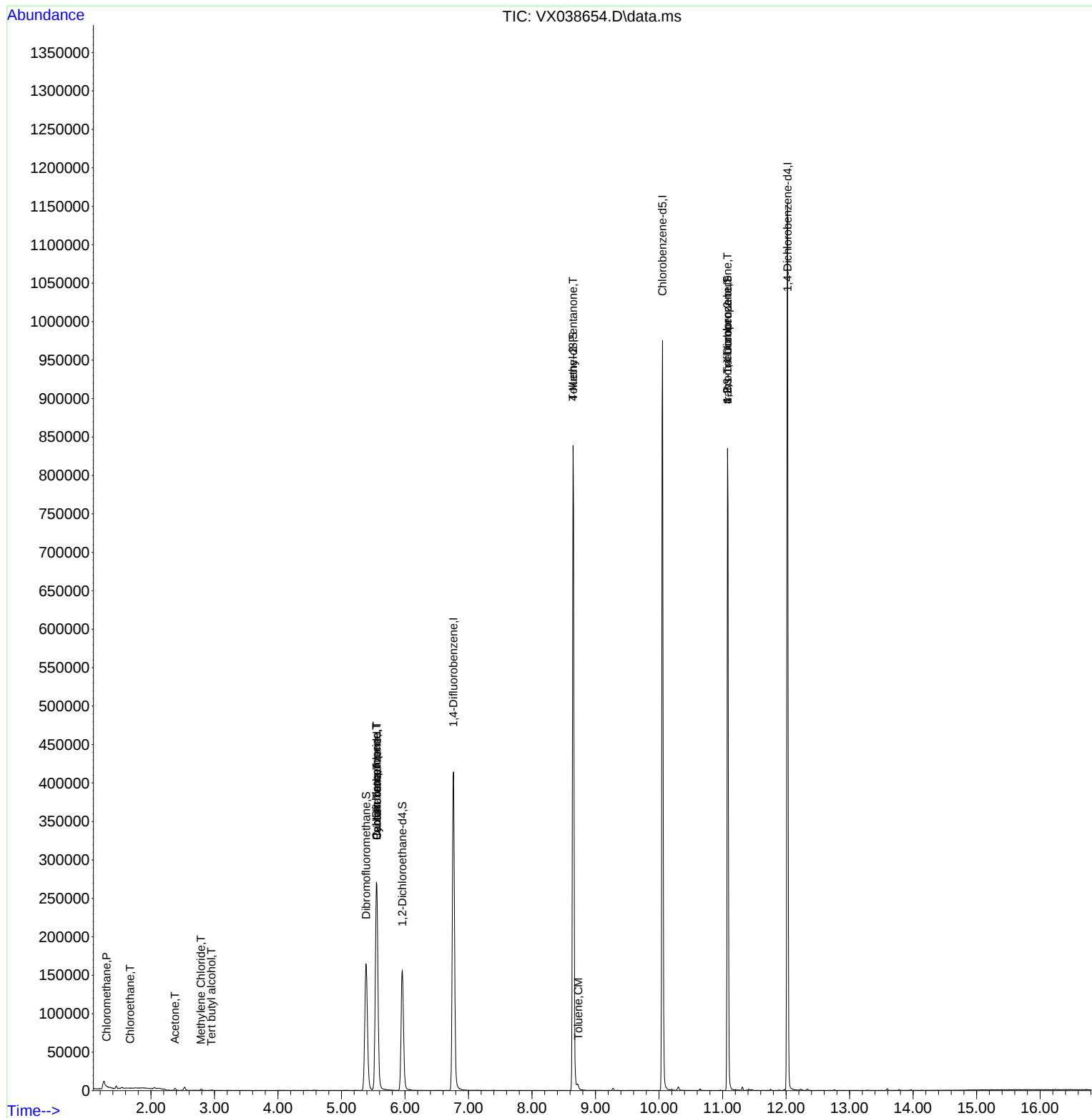
Internal Standards						
1) Pentafluorobenzene	5.556	168	282268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	465893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158643	45.144	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.280%
35) Dibromofluoromethane	5.385	113	147524	43.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.920%
50) Toluene-d8	8.647	98	531606	44.274	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.540%#
62) 4-Bromofluorobenzene	11.079	95	226420	48.636	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	660	0.260	ug/l	97
6) Chloroethane	1.672	64	494	0.289	ug/l	# 83
11) Tert butyl alcohol	2.953	59	622	0.866	ug/l	# 78
16) Acetone	2.380	43	2608	1.762	ug/l	# 86
20) Methylene Chloride	2.788	84	897	0.301	ug/l	# 75
31) Cyclohexane	5.556	56	4623	1.189	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	18370	4.407	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	26530	5.693	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1974	0.463	ug/l	# 1
52) Toluene	8.726	92	2189	0.278	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	111331	20.959	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	111331	63.723	ug/l	# 5

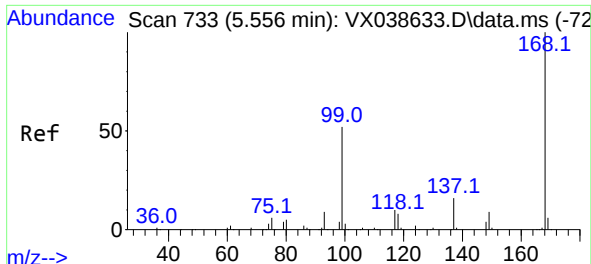
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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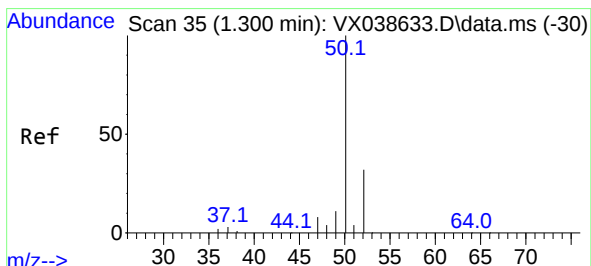
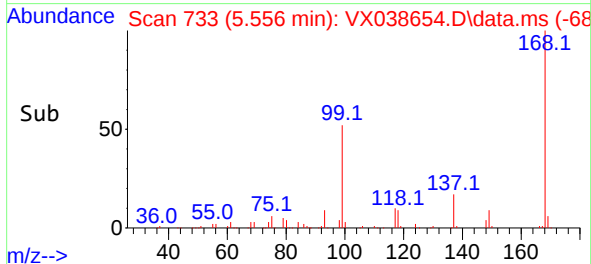
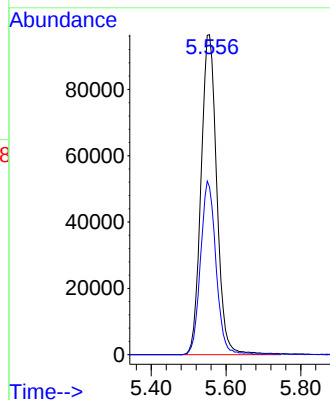
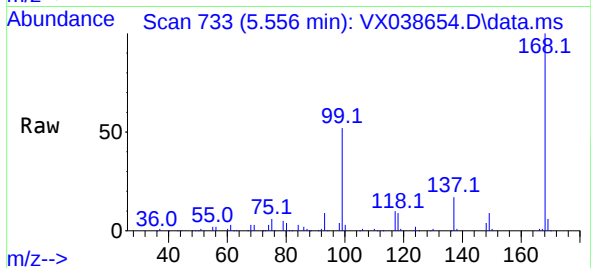




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

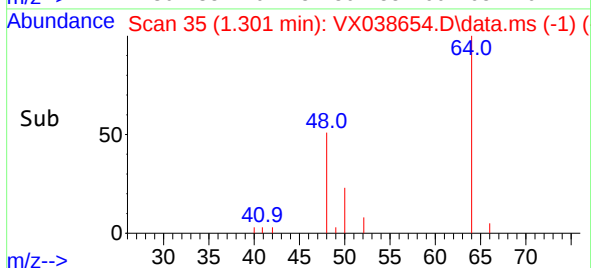
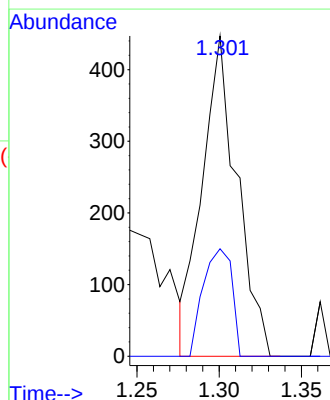
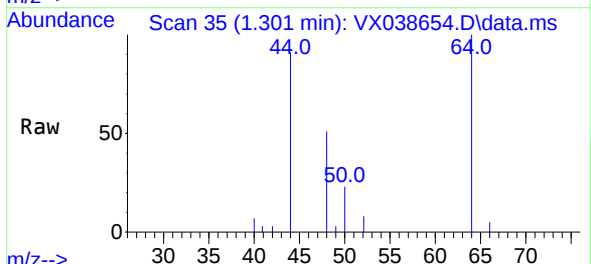
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

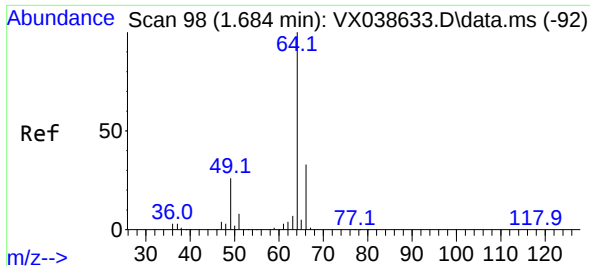
Tgt Ion:168 Resp: 282268
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#3
Chloromethane
Concen: 0.260 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 50 Resp: 660
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

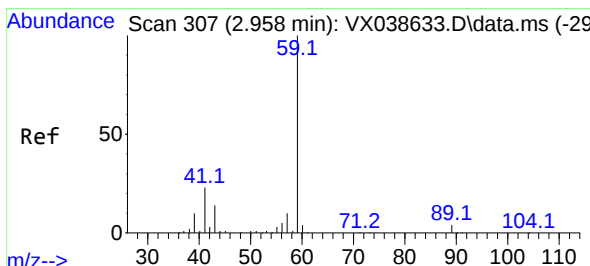
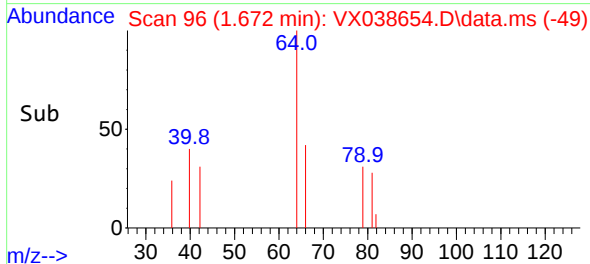
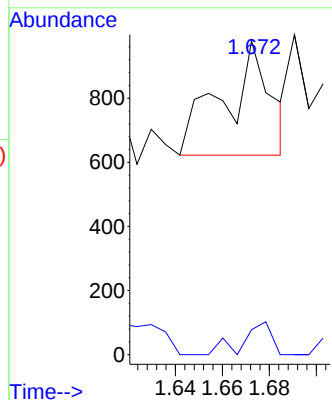
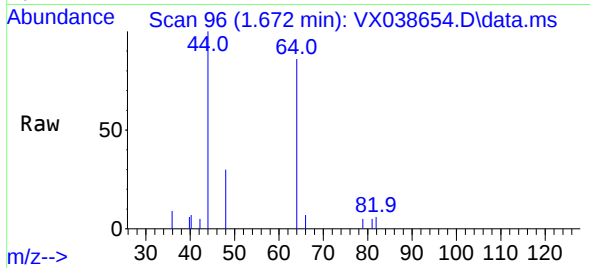




#6
Chloroethane
Concen: 0.289 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.012 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

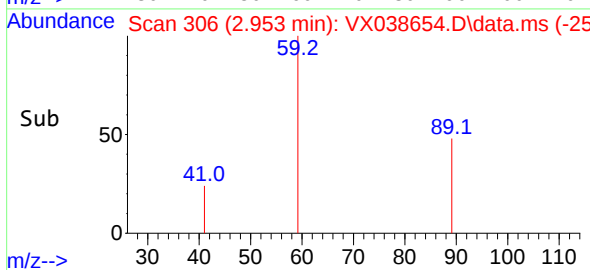
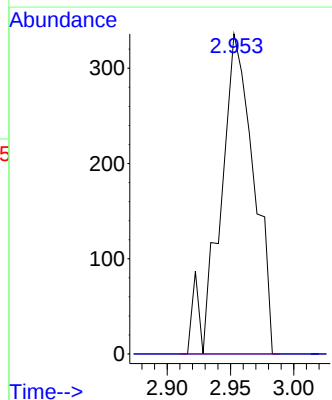
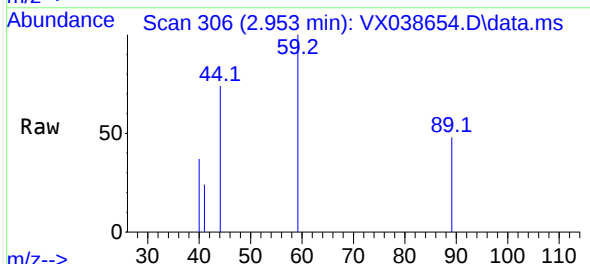
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

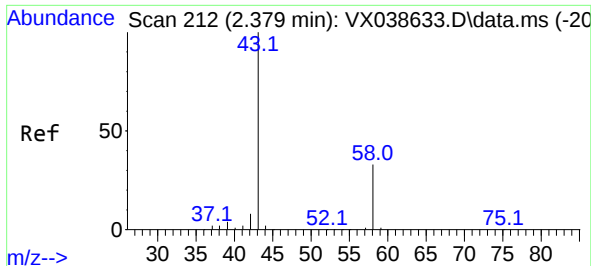
Tgt Ion: 64 Resp: 494
Ion Ratio Lower Upper
64 100
66 21.9 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.866 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 59 Resp: 622
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

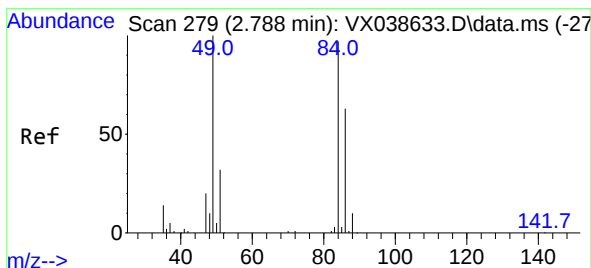
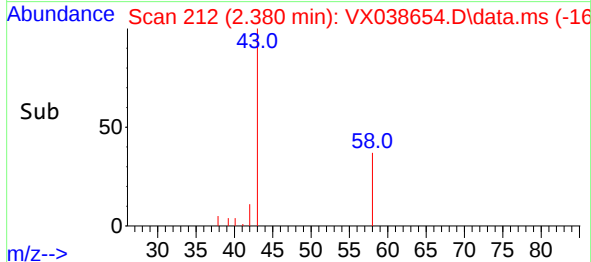
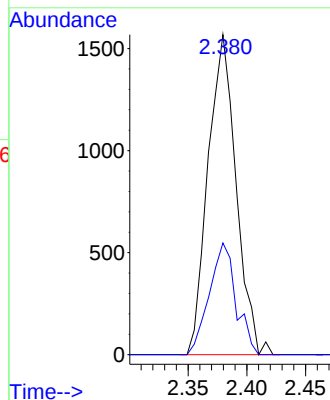
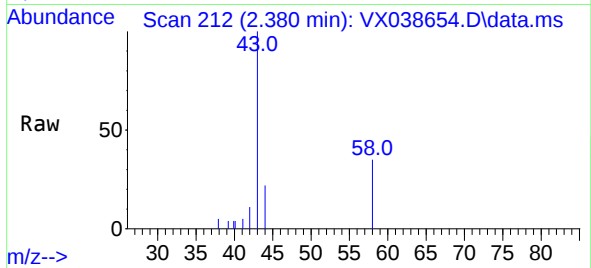




#16
Acetone
Concen: 1.762 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

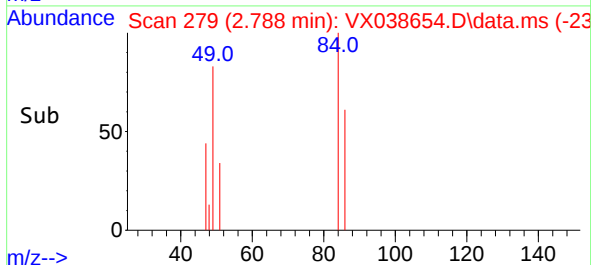
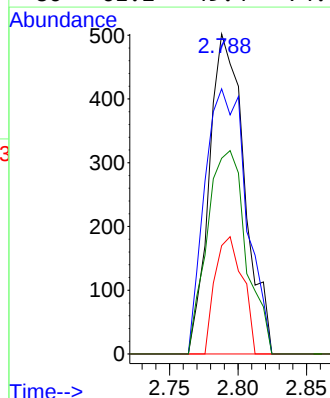
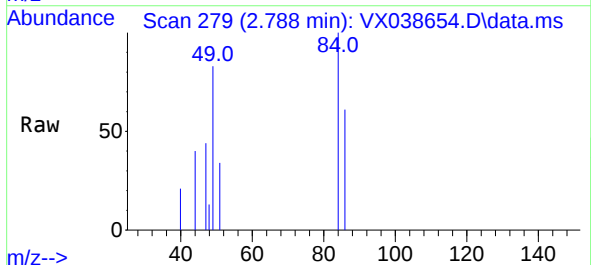
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

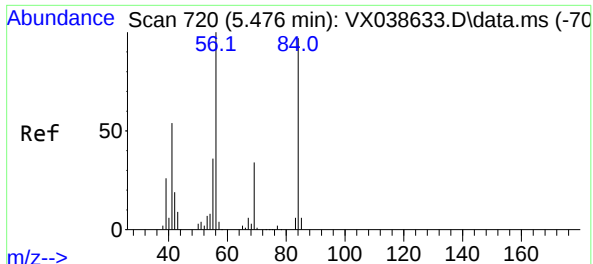
Tgt Ion: 43 Resp: 2608
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#20
Methylene Chloride
Concen: 0.301 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 84 Resp: 897
Ion Ratio Lower Upper
84 100
49 82.9 103.6 155.4#
51 33.9 33.8 50.6
86 61.2 49.4 74.0

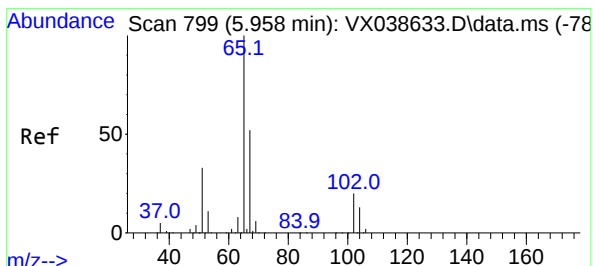
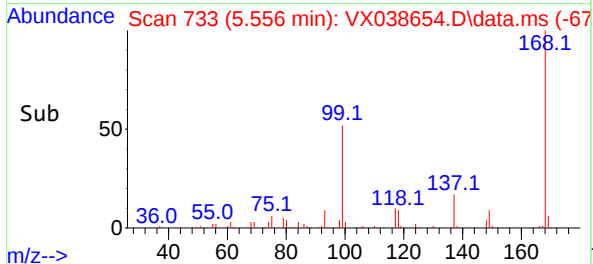
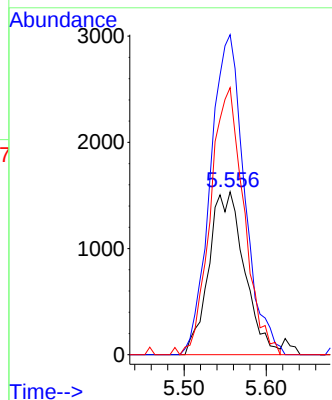
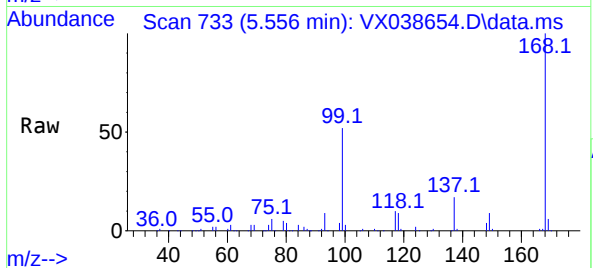




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

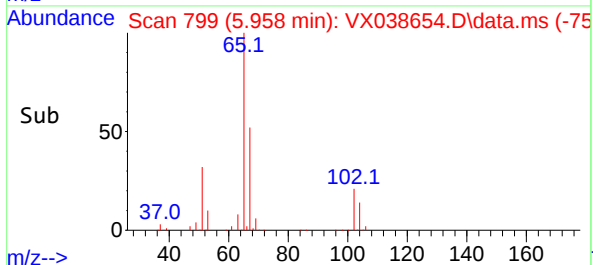
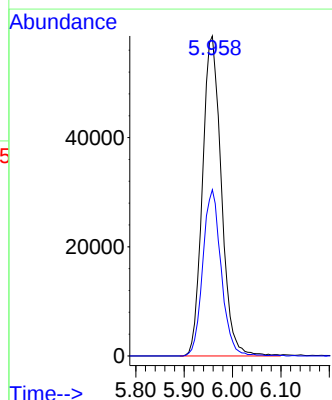
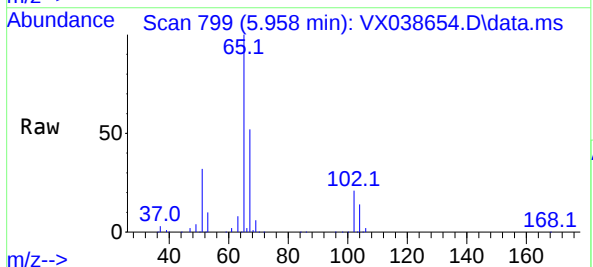
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

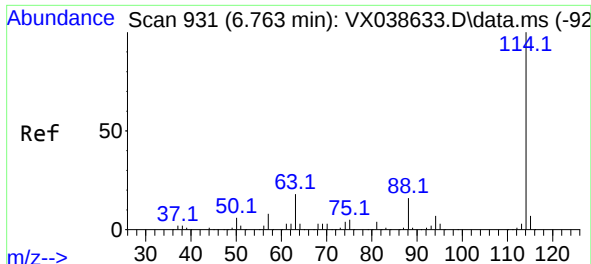
Tgt Ion: 56 Resp: 4623
Ion Ratio Lower Upper
56 100
69 196.4 23.4 35.2#
84 163.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.144 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 65 Resp: 158643
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

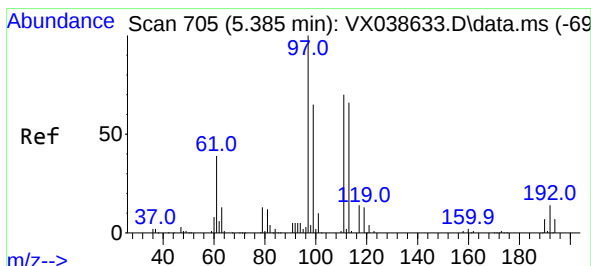
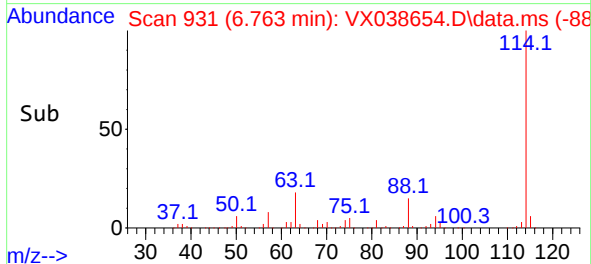
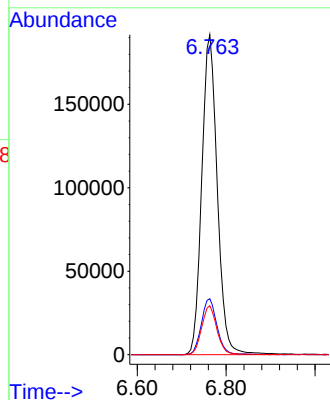
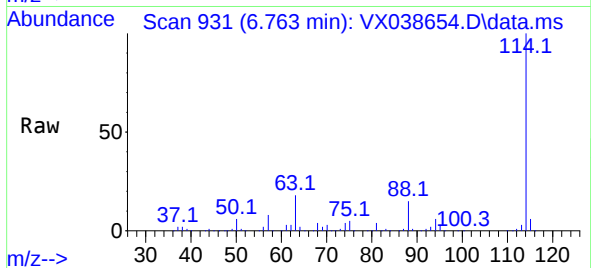




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

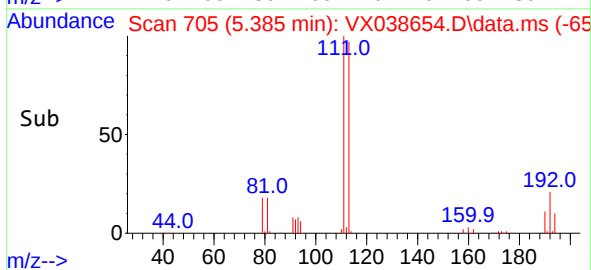
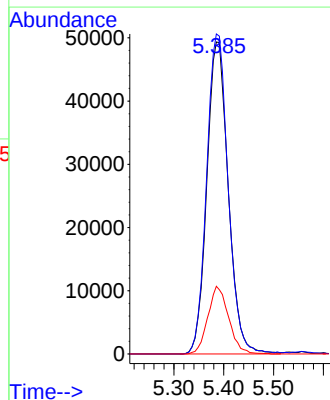
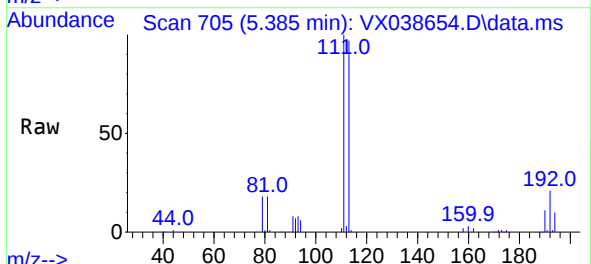
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

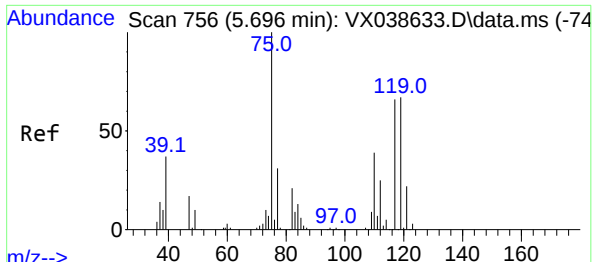
Tgt Ion:114 Resp: 465893
Ion Ratio Lower Upper
114 100
63 17.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion:113 Resp: 147524
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 21.0 13.3 19.9#





#36

1,1-Dichloropropene

Concen: 4.407 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX038654.D

Acq: 08 Nov 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-2-20231031

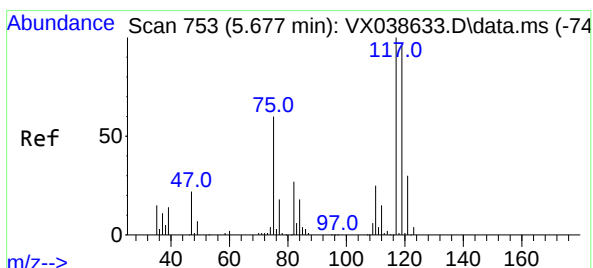
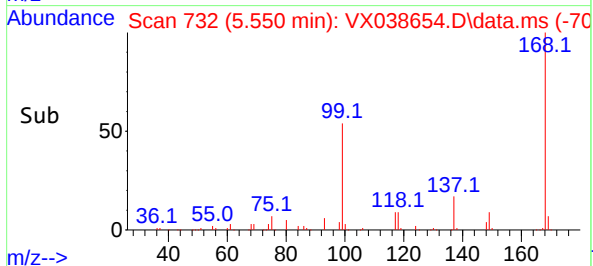
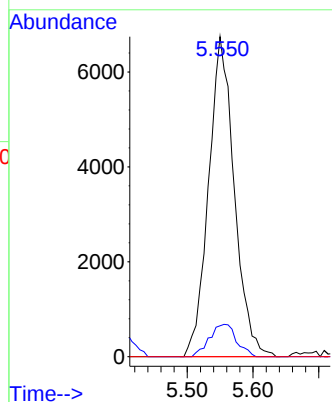
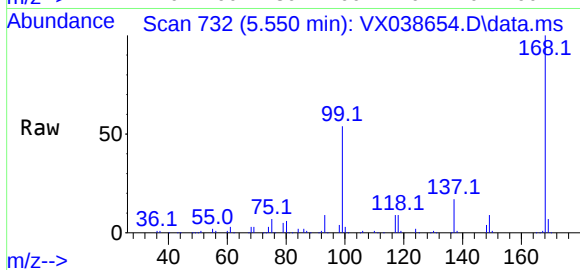
Tgt Ion: 75 Resp: 18370

Ion Ratio Lower Upper

75 100

110 10.6 17.0 50.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.693 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX038654.D

Acq: 08 Nov 2023 14:31

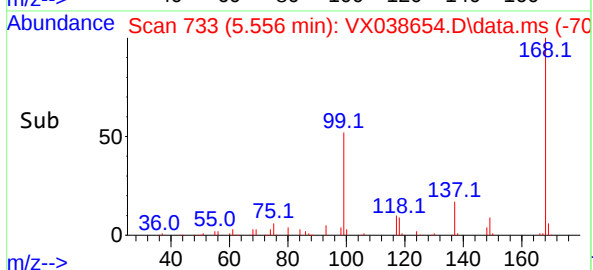
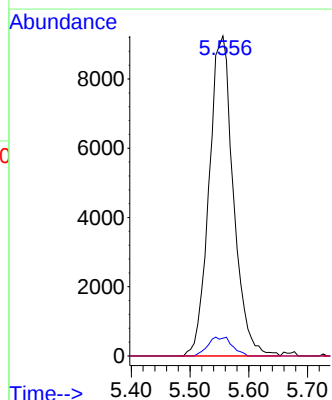
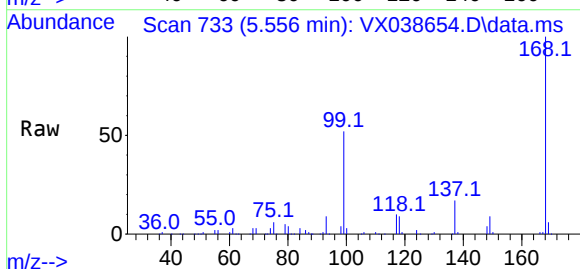
Tgt Ion: 117 Resp: 26530

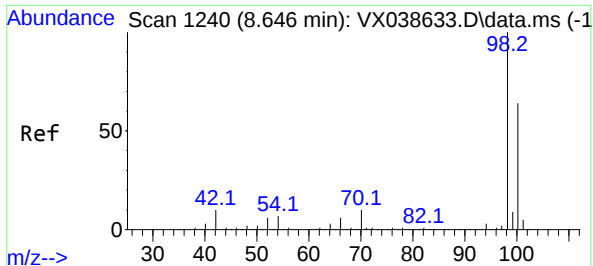
Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#

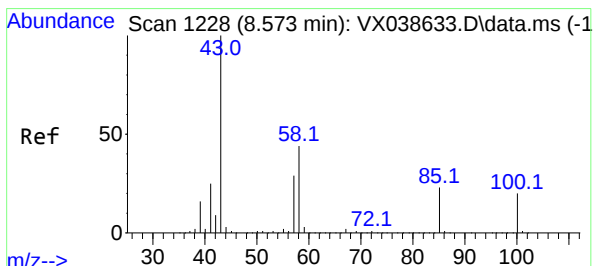
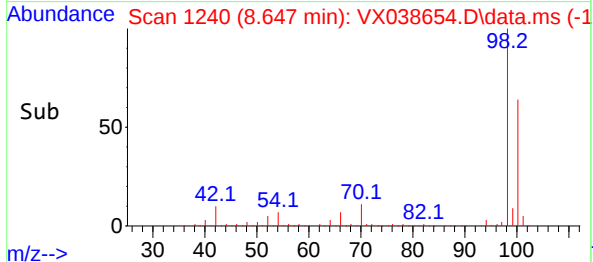
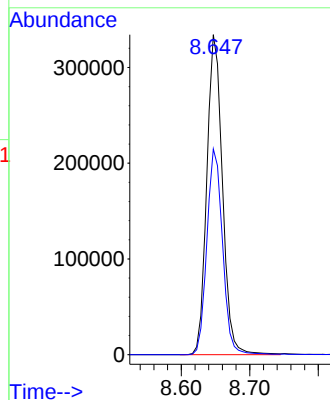
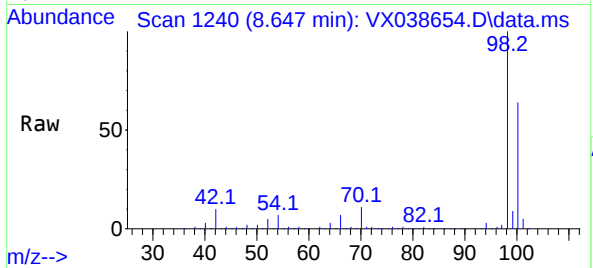




#50
Toluene-d8
Concen: 44.274 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

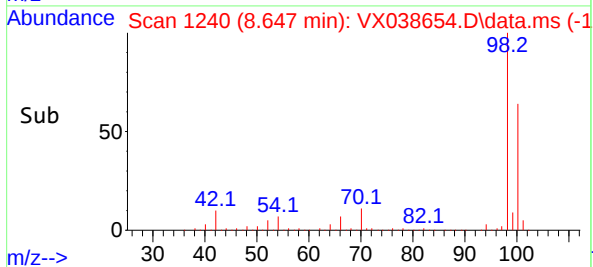
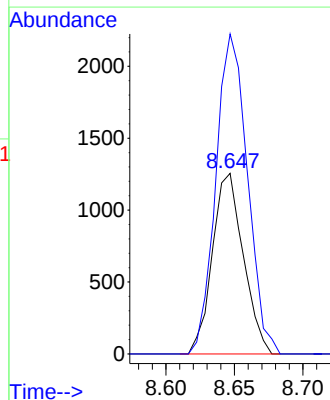
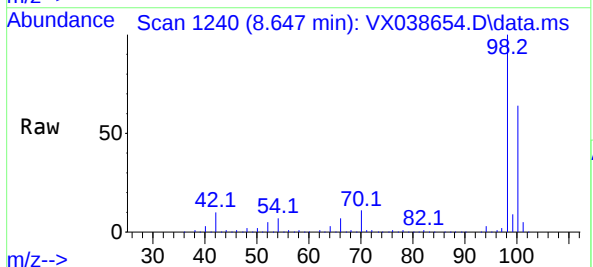
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

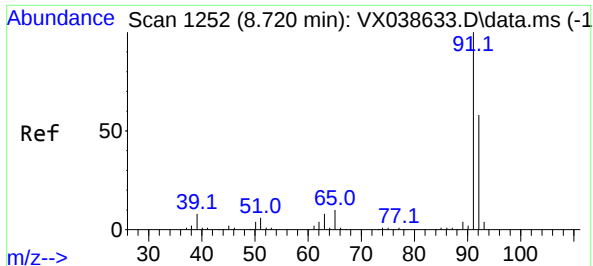
Tgt Ion: 98 Resp: 531606
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 181.0 30.4 45.6#





#52

Toluene

Concen: 0.278 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038654.D

Acq: 08 Nov 2023 14:31

Instrument :

MSVOA_X

ClientSampleId :

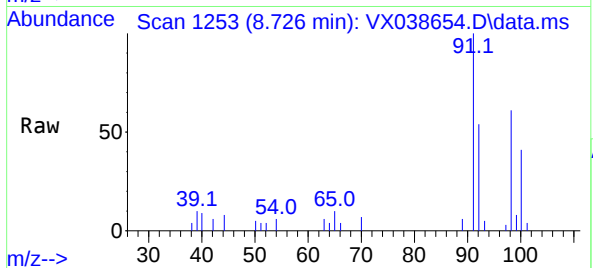
FSND-RB-2-20231031

Tgt Ion: 92 Resp: 2189

Ion Ratio Lower Upper

92 100

91 173.2 134.2 201.2



Abundance

2000

1500

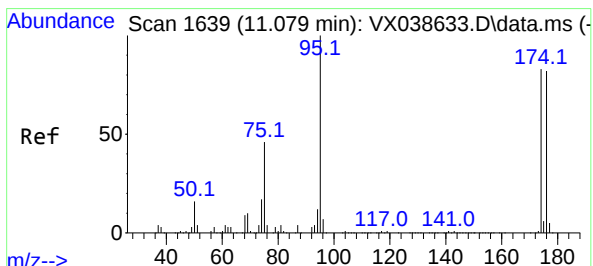
1000

500

0

8.726

Time-->



#62

4-Bromofluorobenzene

Concen: 48.636 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX038654.D

Acq: 08 Nov 2023 14:31

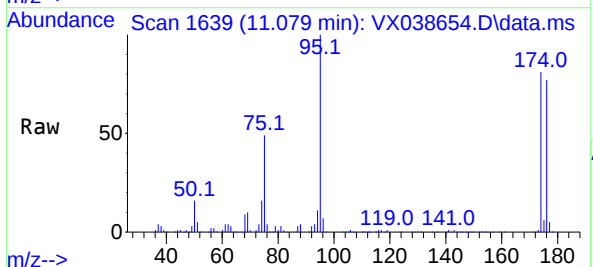
Tgt Ion: 95 Resp: 226420

Ion Ratio Lower Upper

95 100

174 86.7 0.0 135.6

176 84.4 0.0 131.0



Abundance

150000

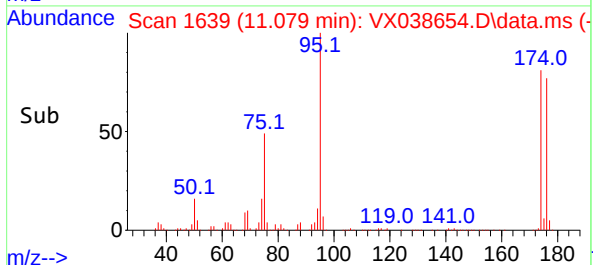
100000

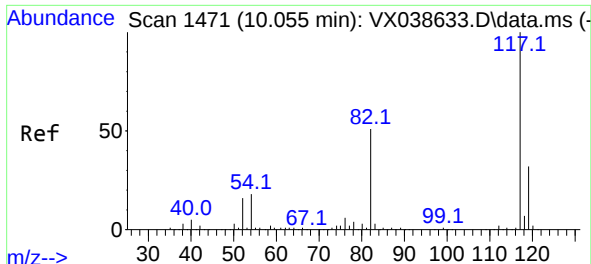
50000

0

11.079

Time-->

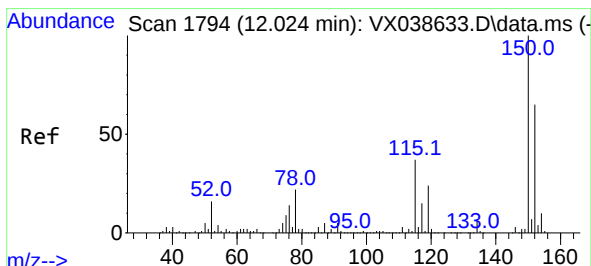
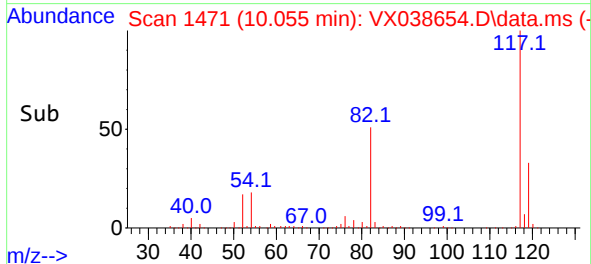
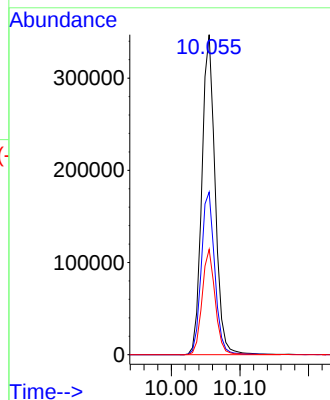
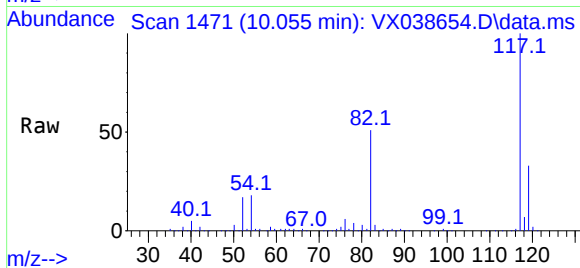




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

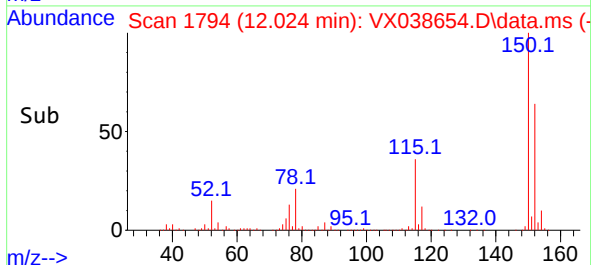
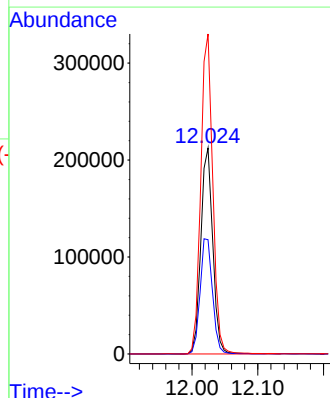
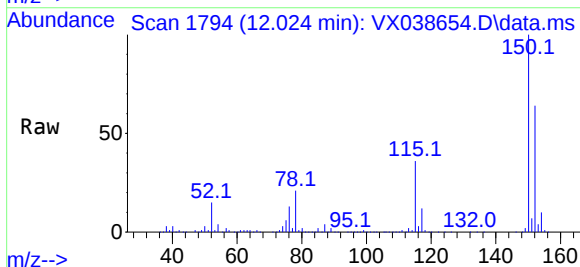
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

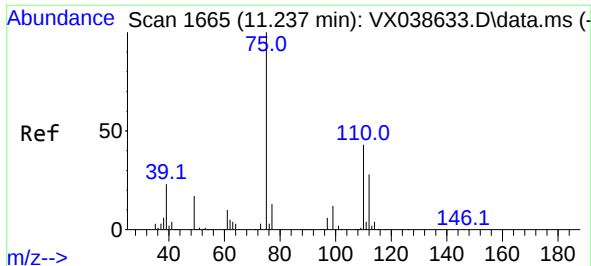
Tgt Ion:117 Resp: 468990
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion:152 Resp: 268210
Ion Ratio Lower Upper
152 100
115 58.1 43.3 129.9
150 156.3 0.0 345.0

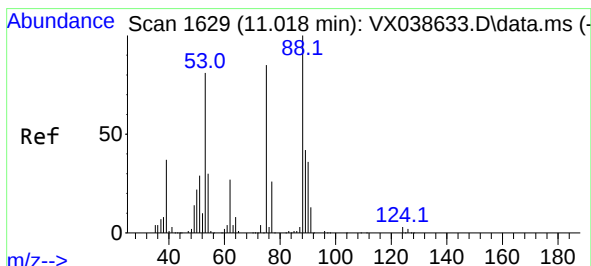
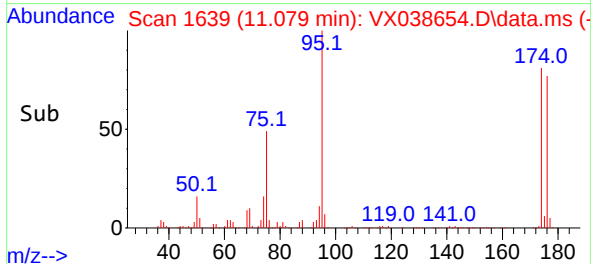
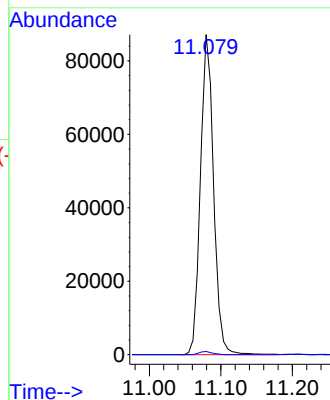
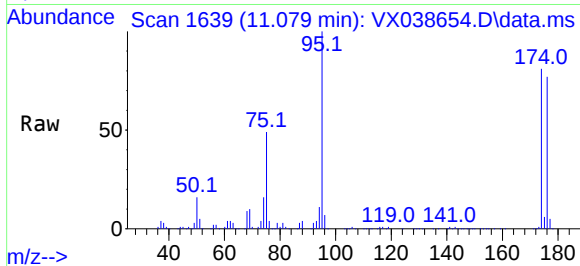




#76
1,2,3-Trichloropropane
Concen: 20.959 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-2-20231031

Tgt Ion: 75 Resp: 111331
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038654.D
Acq: 08 Nov 2023 14:31

Tgt Ion: 75 Resp: 111331
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

