

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038751.D
 Acq On : 11 Nov 2023 02:05
 Operator : JC/MD
 Sample : 05241-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-RB-4-20231102

Quant Time: Nov 11 05:06:53 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)

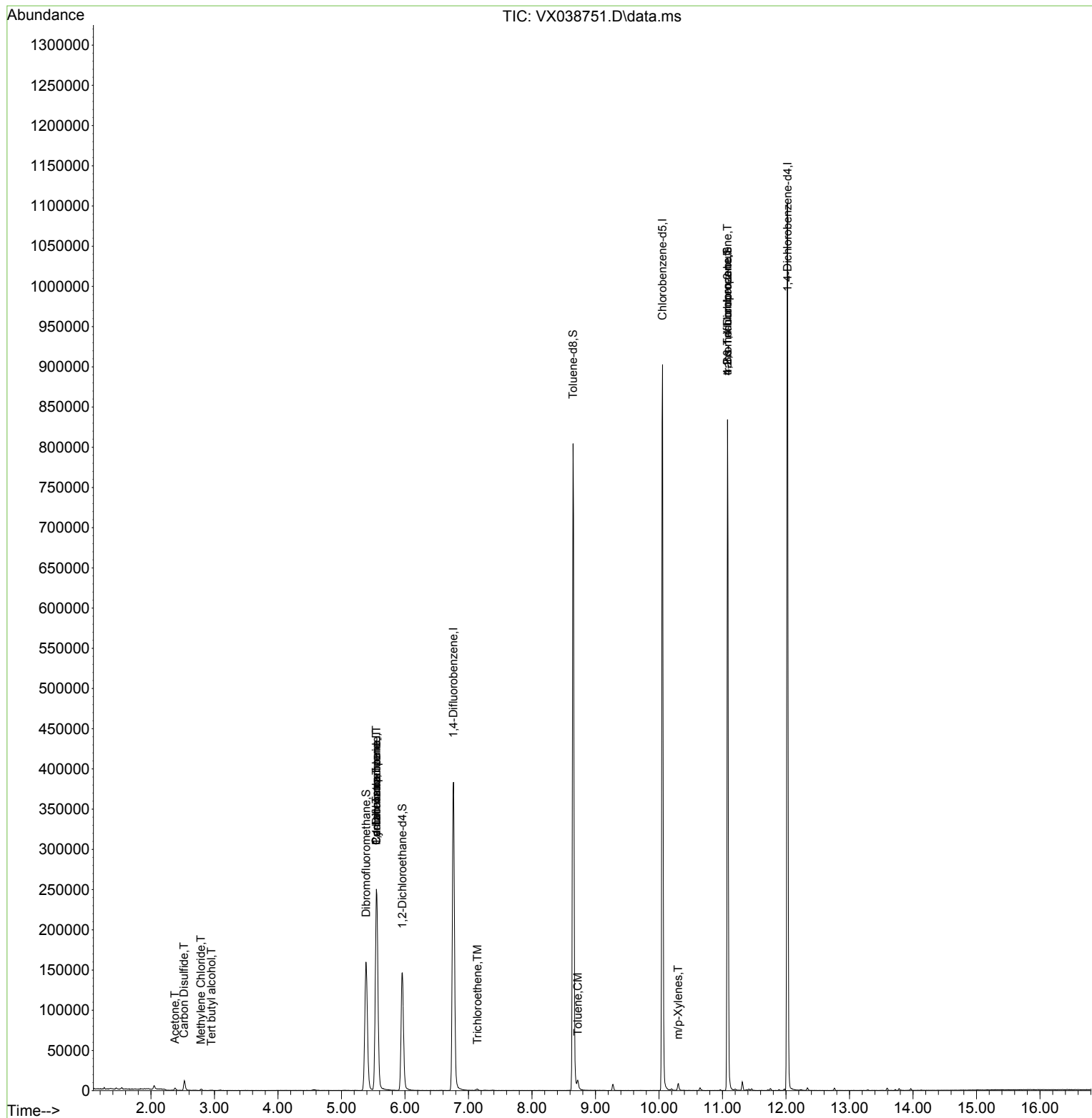
Internal Standards						
1) Pentafluorobenzene	5.550	168	263098	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	433249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148933	45.469	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.940%		
35) Dibromofluoromethane	5.385	113	142505	45.669	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.340%		
50) Toluene-d8	8.647	98	513345	45.974	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.940%#		
62) 4-Bromofluorobenzene	11.079	95	223381	51.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.200%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	612	0.914	ug/l #	78
16) Acetone	2.380	43	3230	2.341	ug/l #	86
17) Carbon Disulfide	2.520	76	1464	0.224	ug/l #	94
20) Methylene Chloride	2.788	84	1043	0.375	ug/l #	66
31) Cyclohexane	5.550	56	4144	1.143	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16709	4.311	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25007	5.771	ug/l #	15
44) Trichloroethene	7.141	130	800	0.230	ug/l	55
52) Toluene	8.720	92	3830	0.524	ug/l	87
68) m/p-Xylenes	10.299	106	2301	0.367	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	107049	20.427	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	107049	62.285	ug/l #	5

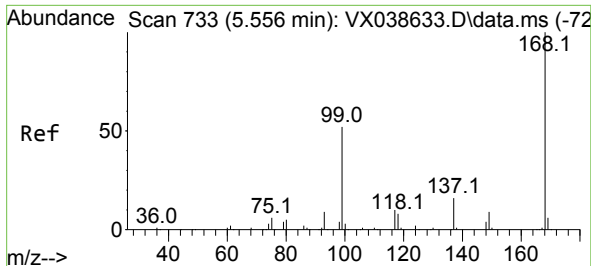
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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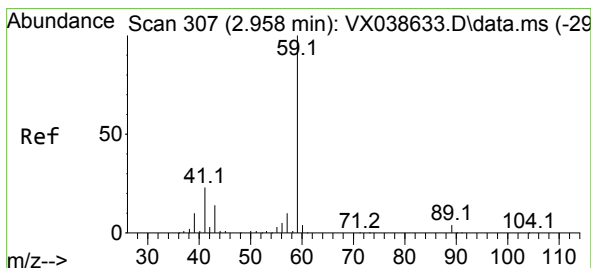
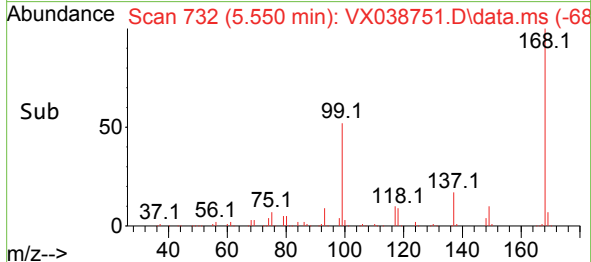
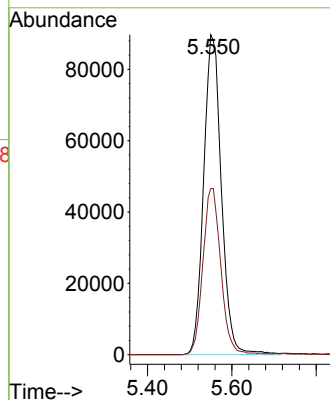
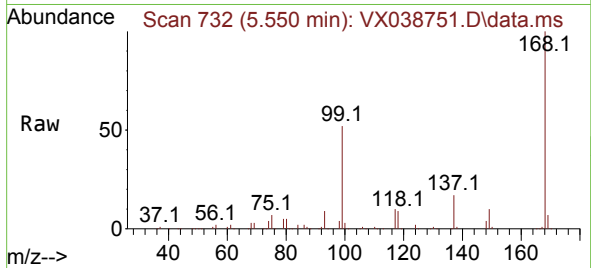




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

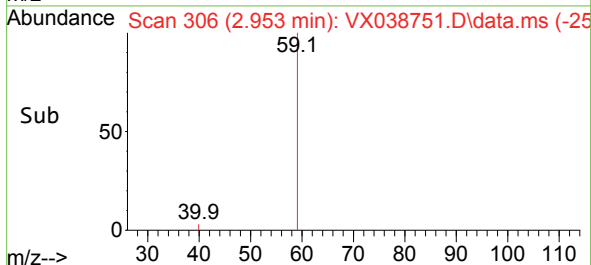
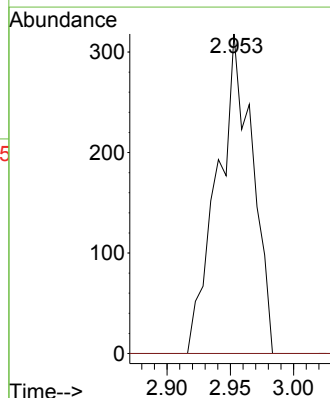
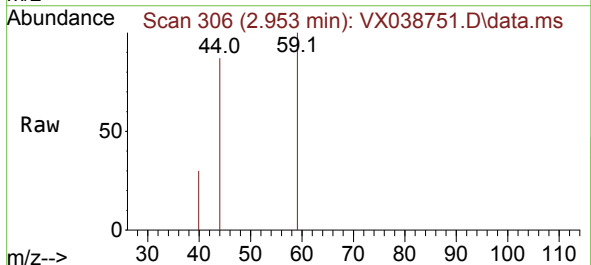
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

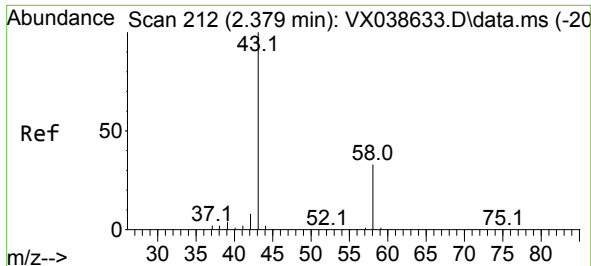
Tgt Ion:168 Resp: 263098
Ion Ratio Lower Upper
168 100
99 51.9 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.914 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.341 ug/l

RT: 2.380 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

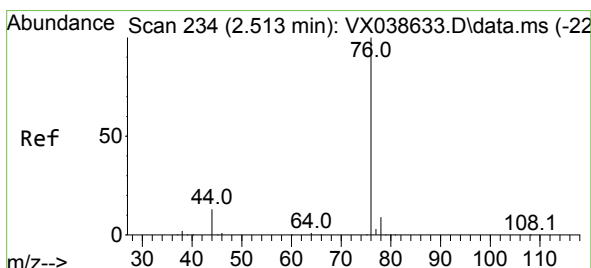
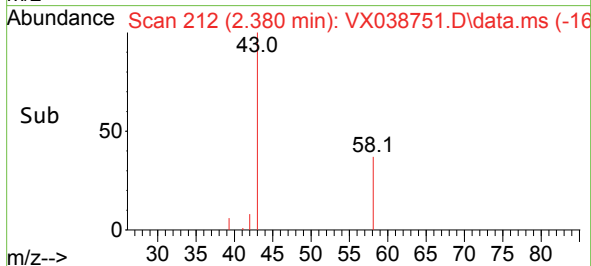
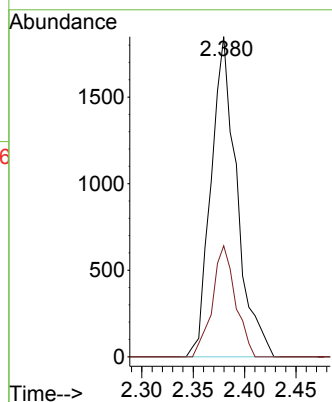
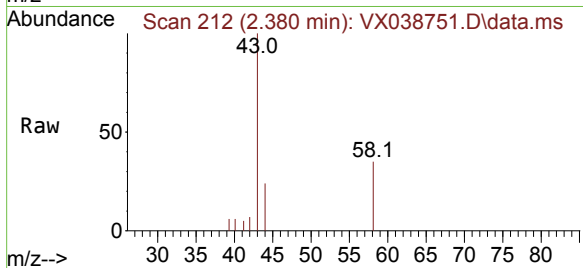
FSND-RB-4-20231102

Tgt Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

58 34.7 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.224 ug/l

RT: 2.520 min Scan# 235

Delta R.T. 0.007 min

Lab File: VX038751.D

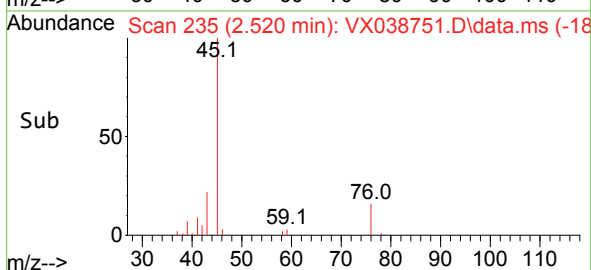
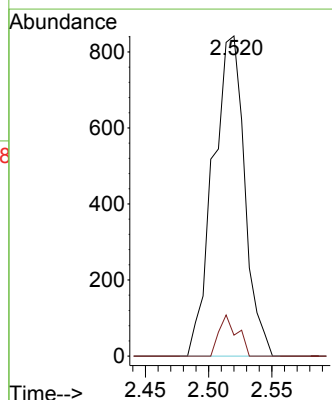
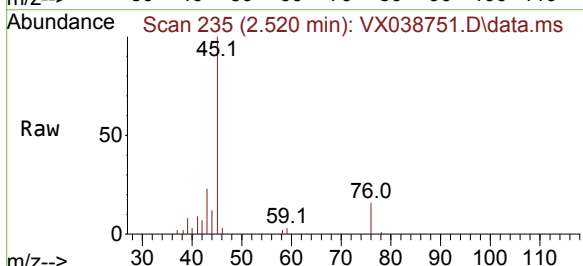
Acq: 11 Nov 2023 02:05

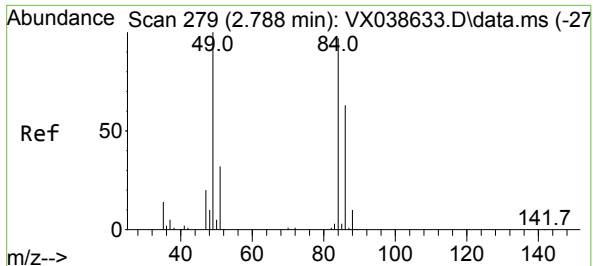
Tgt Ion: 76 Resp: 1464

Ion Ratio Lower Upper

76 100

78 6.5 7.0 10.6#

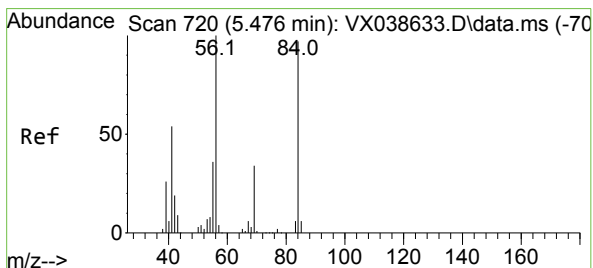
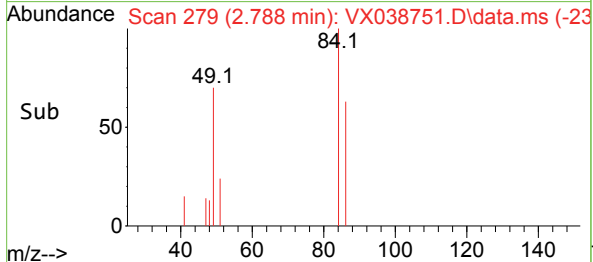
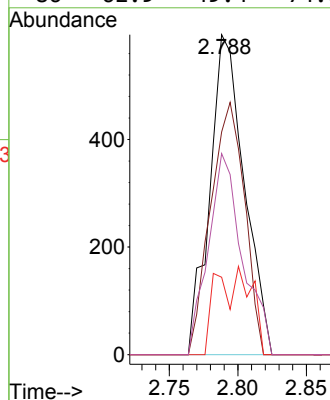
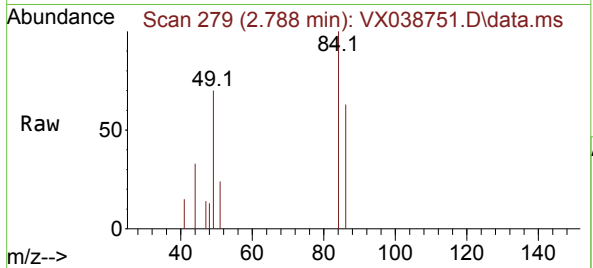




#20
Methylene Chloride
Concen: 0.375 ug/l
RT: 2.788 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

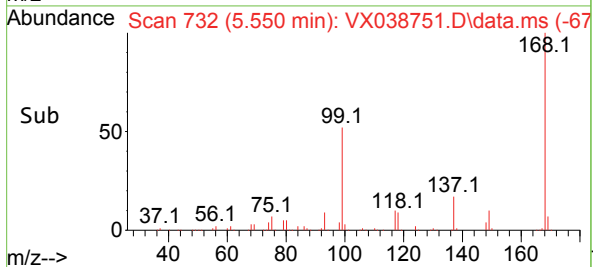
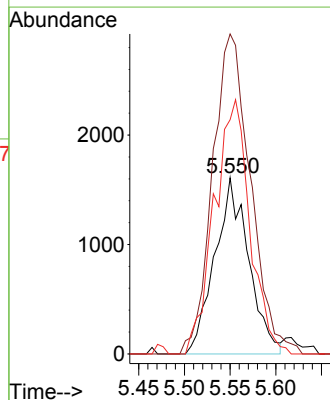
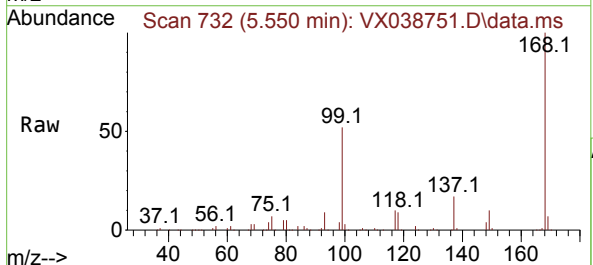
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

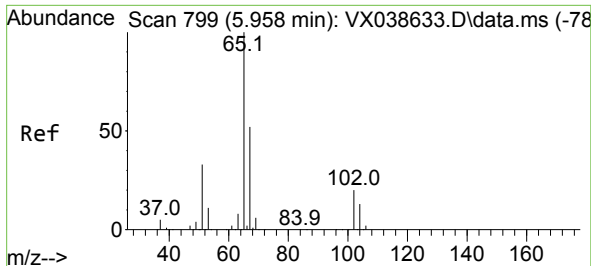
Tgt Ion:	84	Resp:	1043
Ion	Ratio	Lower	Upper
84	100		
49	69.6	103.6	155.4#
51	24.2	33.8	50.6#
86	62.9	49.4	74.0



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.074 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion:	56	Resp:	4144
Ion	Ratio	Lower	Upper
56	100		
69	181.6	23.4	35.2#
84	133.0	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.469 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

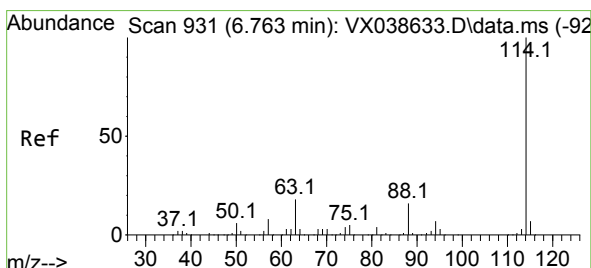
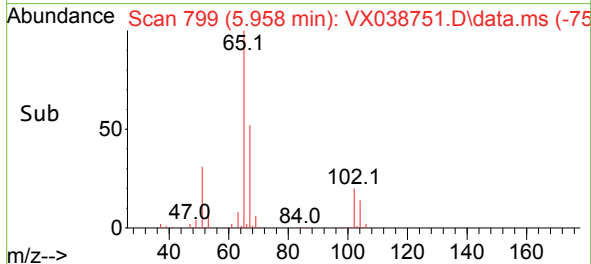
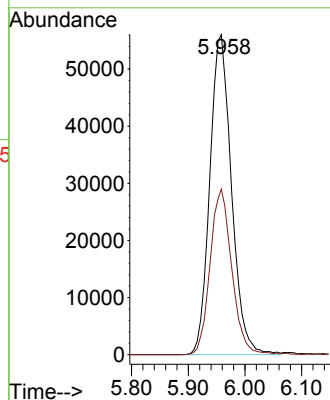
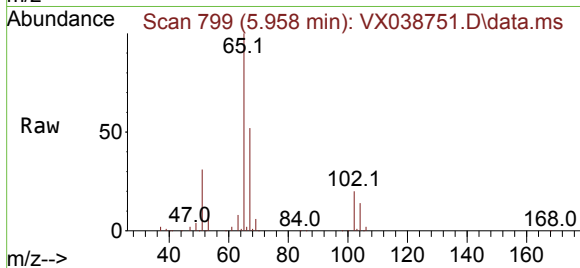
FSND-RB-4-20231102

Tgt Ion: 65 Resp: 148933

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# 931

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

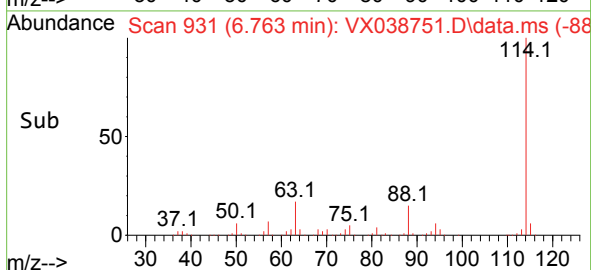
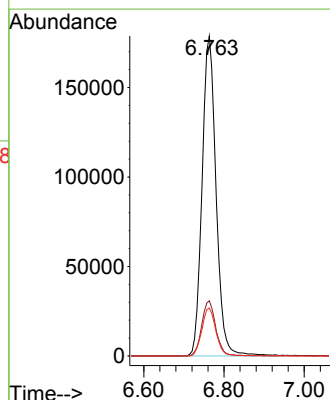
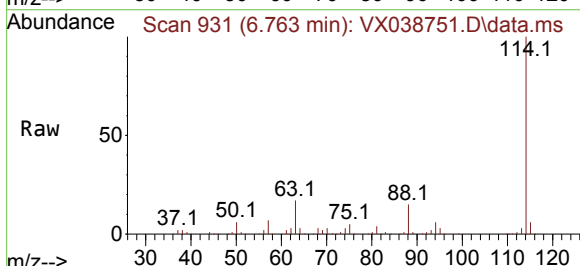
Tgt Ion: 114 Resp: 433249

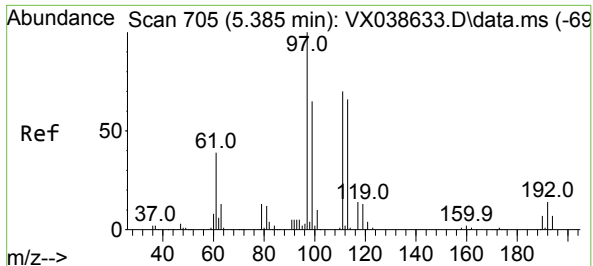
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 15.0 0.0 36.6

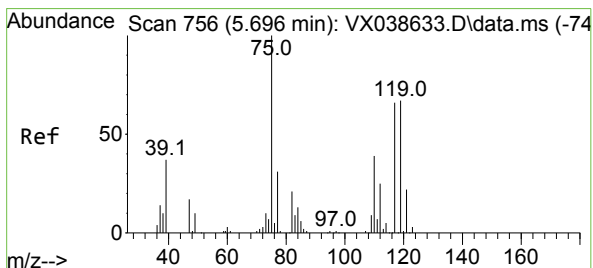
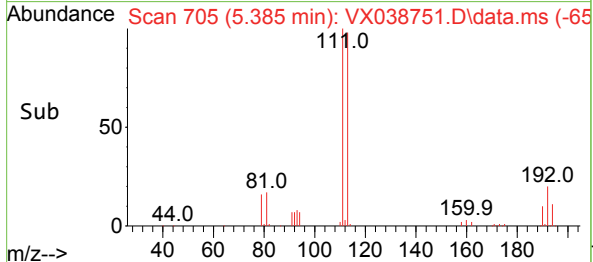
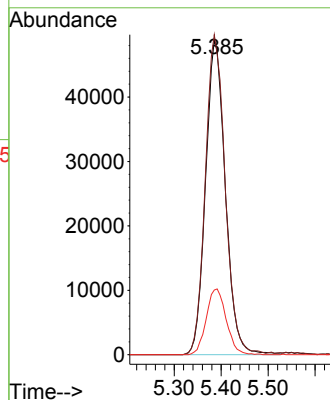
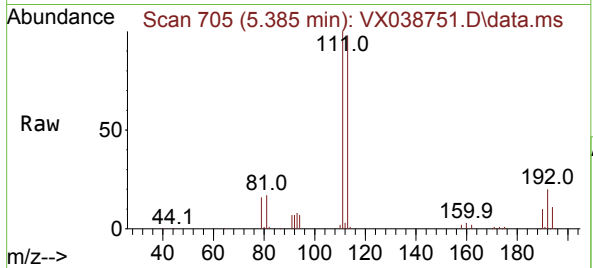




#35
Dibromofluoromethane
Concen: 45.669 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

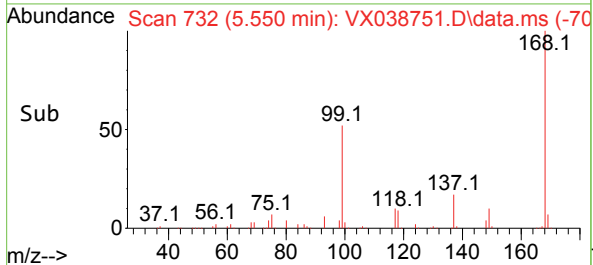
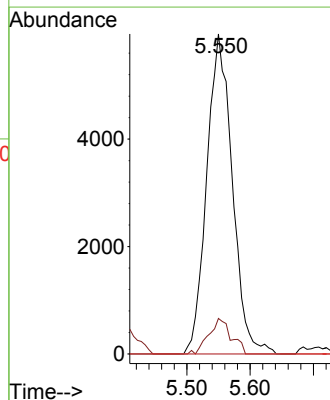
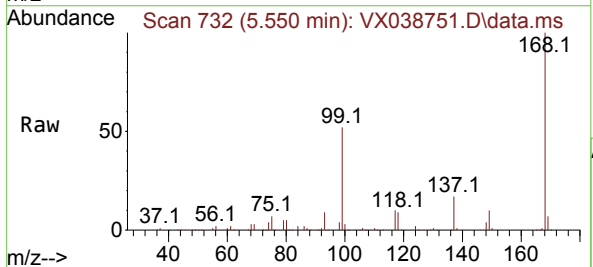
Instrument :
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ClientSampleId :
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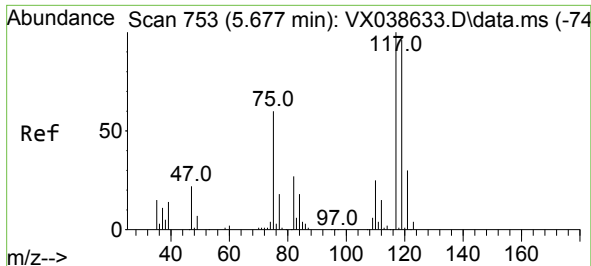
Tgt Ion:113 Resp: 142505
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 21.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.311 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

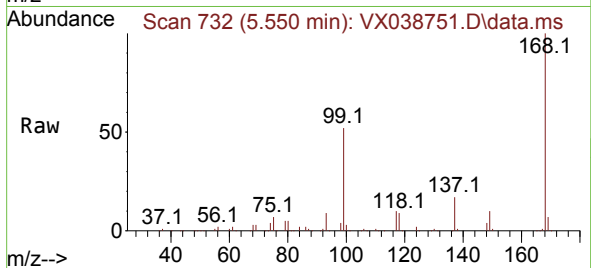
Tgt Ion: 75 Resp: 16709
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



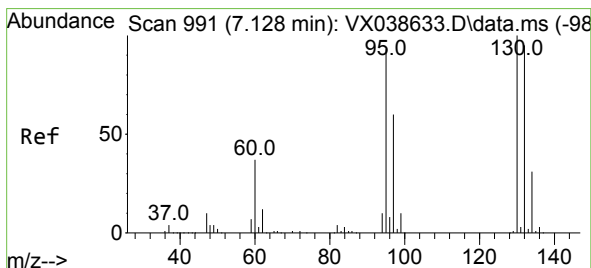
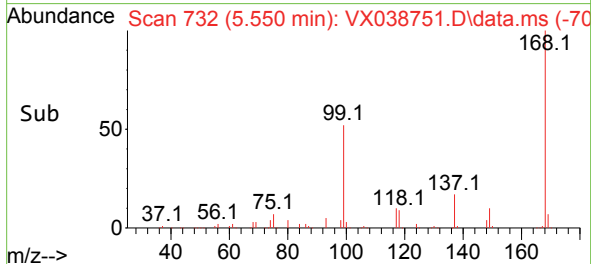
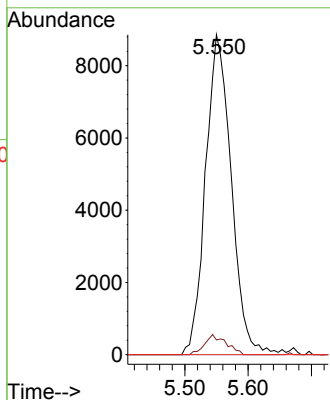


#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

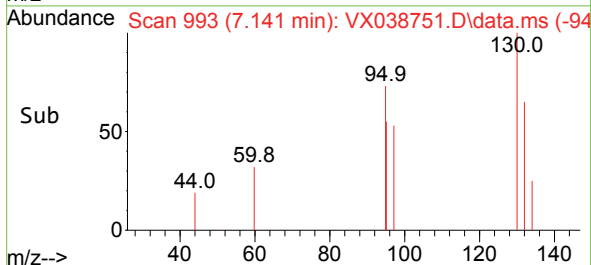
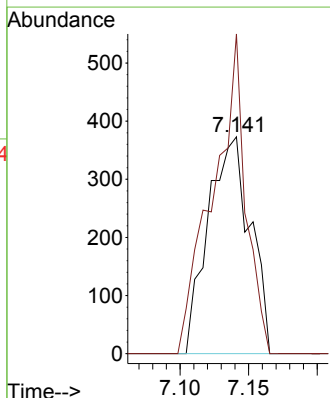
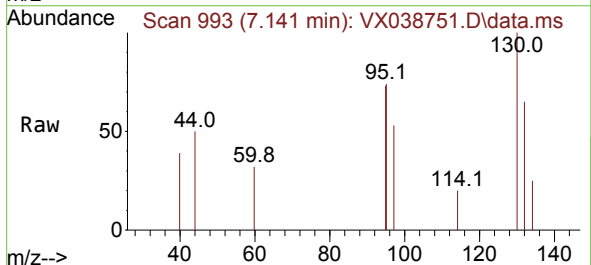


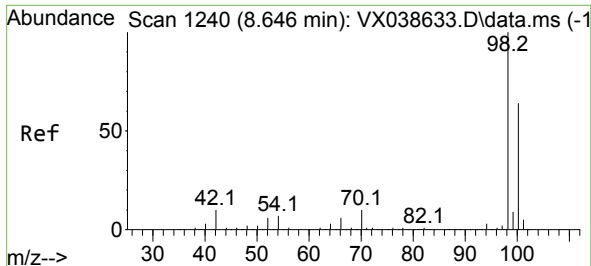
Tgt Ion:117 Resp: 25007
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.230 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.013 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion:130 Resp: 800
Ion Ratio Lower Upper
130 100
95 147.5 0.0 204.4

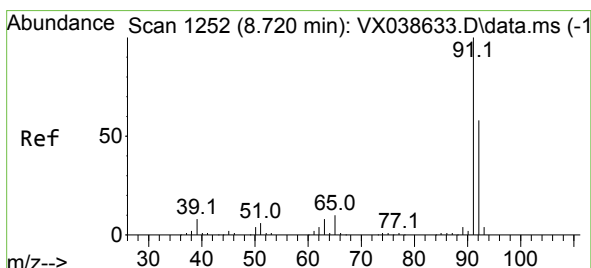
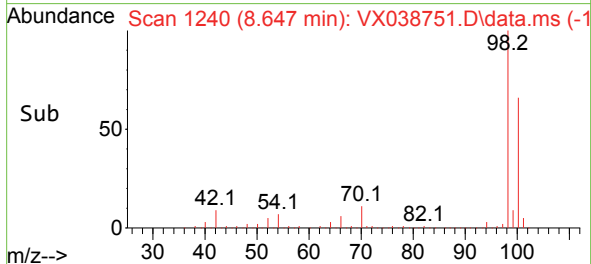
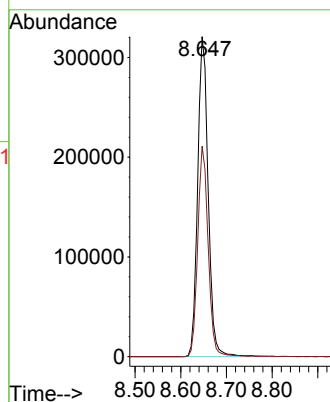
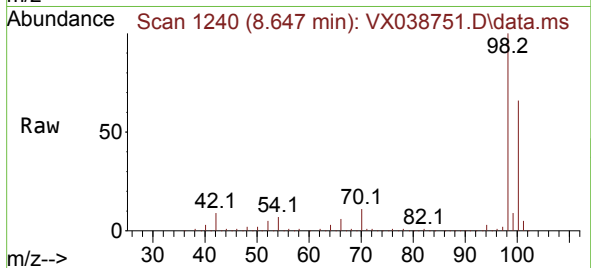




#50
Toluene-d8
Concen: 45.974 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

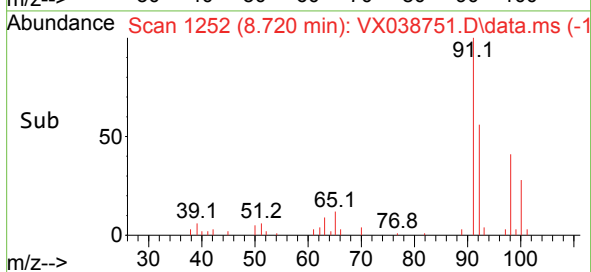
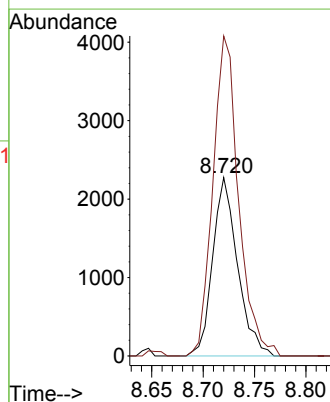
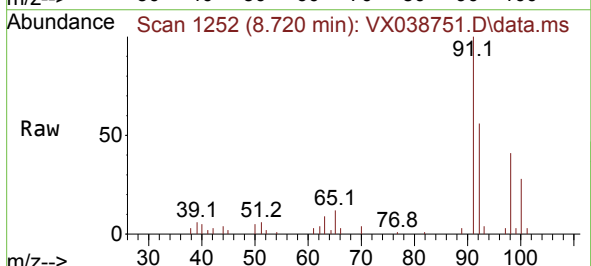
Instrument :
MSVOA_X
ClientSampleId :
FSND-RB-4-20231102

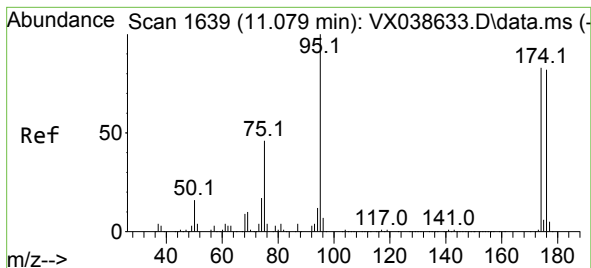
Tgt Ion: 98 Resp: 513345
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#52
Toluene
Concen: 0.524 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038751.D
Acq: 11 Nov 2023 02:05

Tgt Ion: 92 Resp: 3830
Ion Ratio Lower Upper
92 100
91 185.0 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 51.599 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

FSND-RB-4-20231102

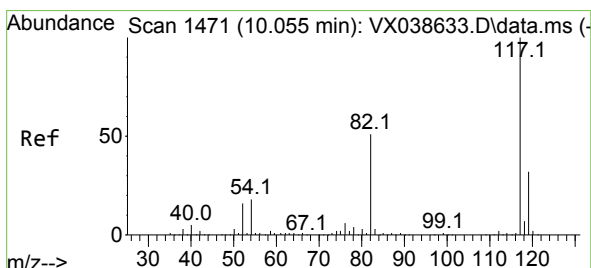
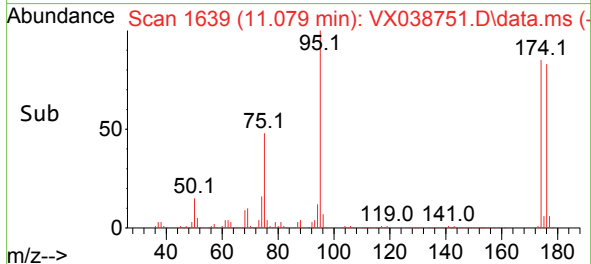
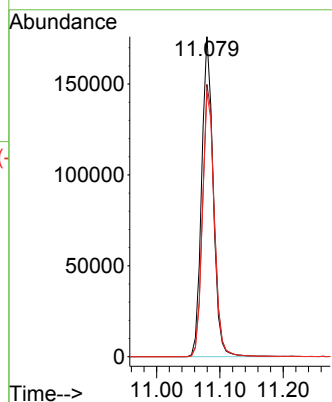
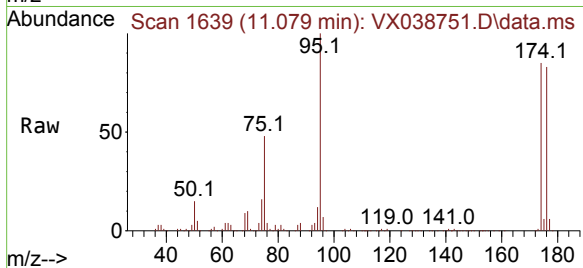
Tgt Ion: 95 Resp: 223381

Ion Ratio Lower Upper

95 100

174 87.4 0.0 135.6

176 84.5 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: VX038751.D

Acq: 11 Nov 2023 02:05

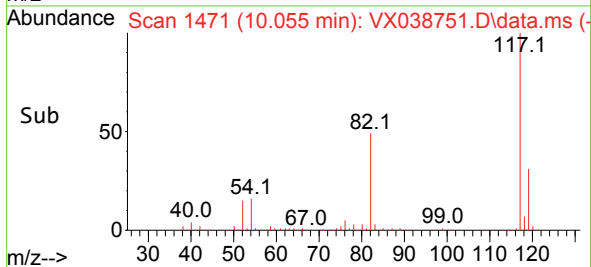
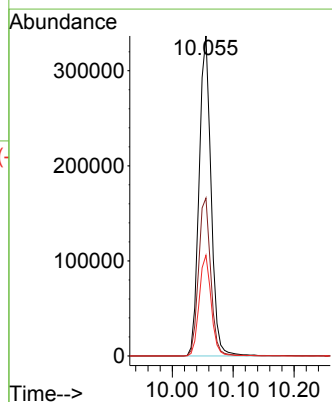
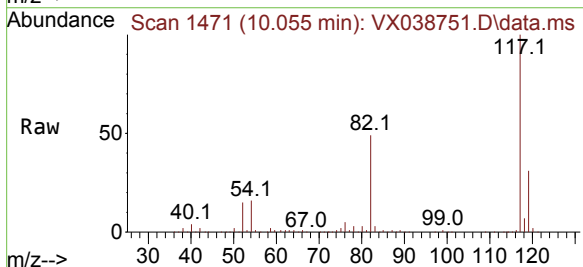
Tgt Ion: 117 Resp: 458168

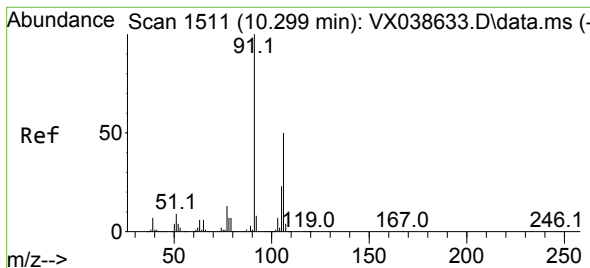
Ion Ratio Lower Upper

117 100

82 49.3 46.2 69.4

119 31.5 25.5 38.3





#68

m/p-Xylenes

Concen: 0.367 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

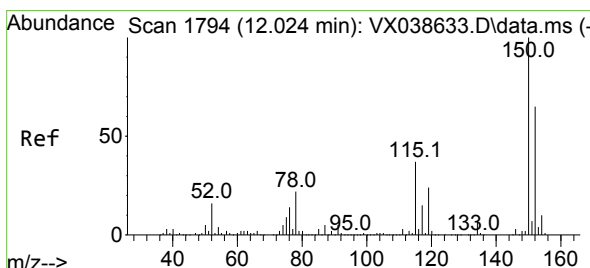
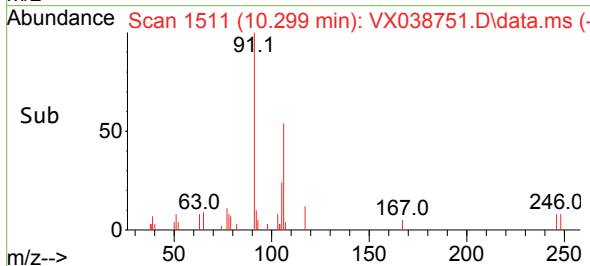
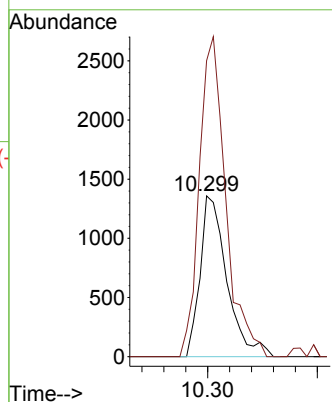
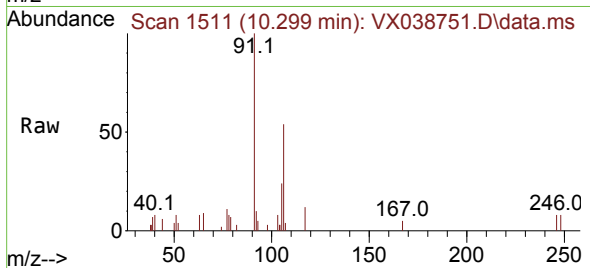
FSND-RB-4-20231102

Tgt Ion:106 Resp: 2301

Ion Ratio Lower Upper

106 100

91 196.4 165.5 248.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

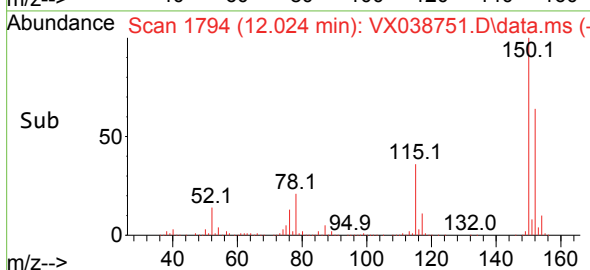
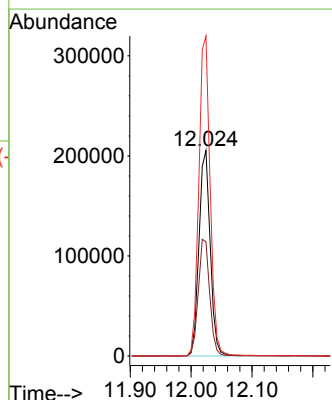
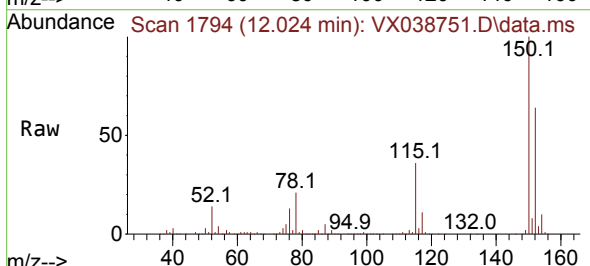
Tgt Ion:152 Resp: 264610

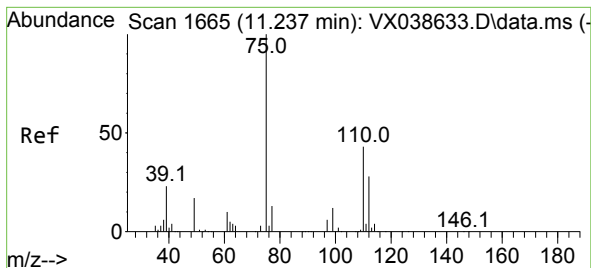
Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.427 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Instrument :

MSVOA_X

ClientSampleId :

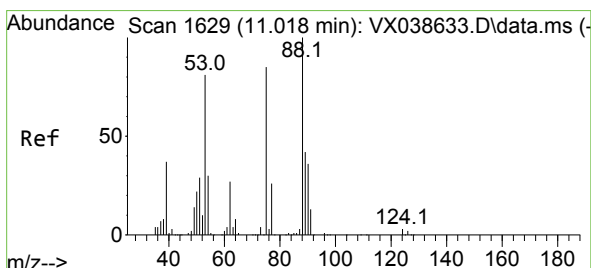
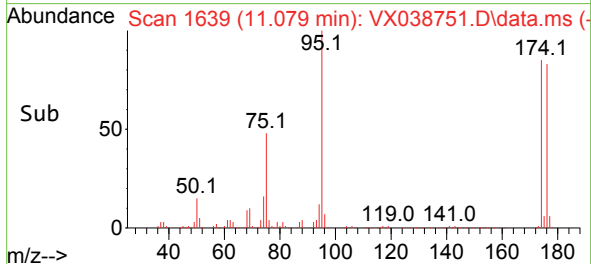
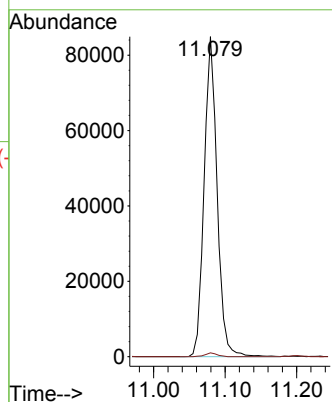
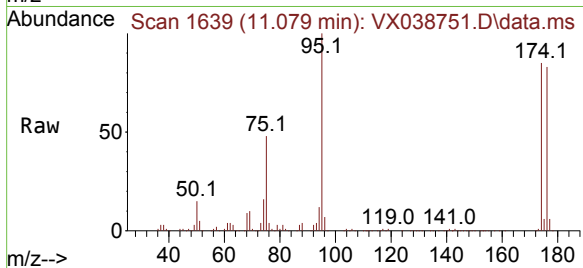
FSND-RB-4-20231102

Tgt Ion: 75 Resp: 107049

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.285 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038751.D

Acq: 11 Nov 2023 02:05

Tgt Ion: 75 Resp: 107049

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

