

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035767.D
 Acq On : 19 May 2023 17:50
 Operator : JC/MD
 Sample : 02860-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023

Quant Time: May 22 05:19:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

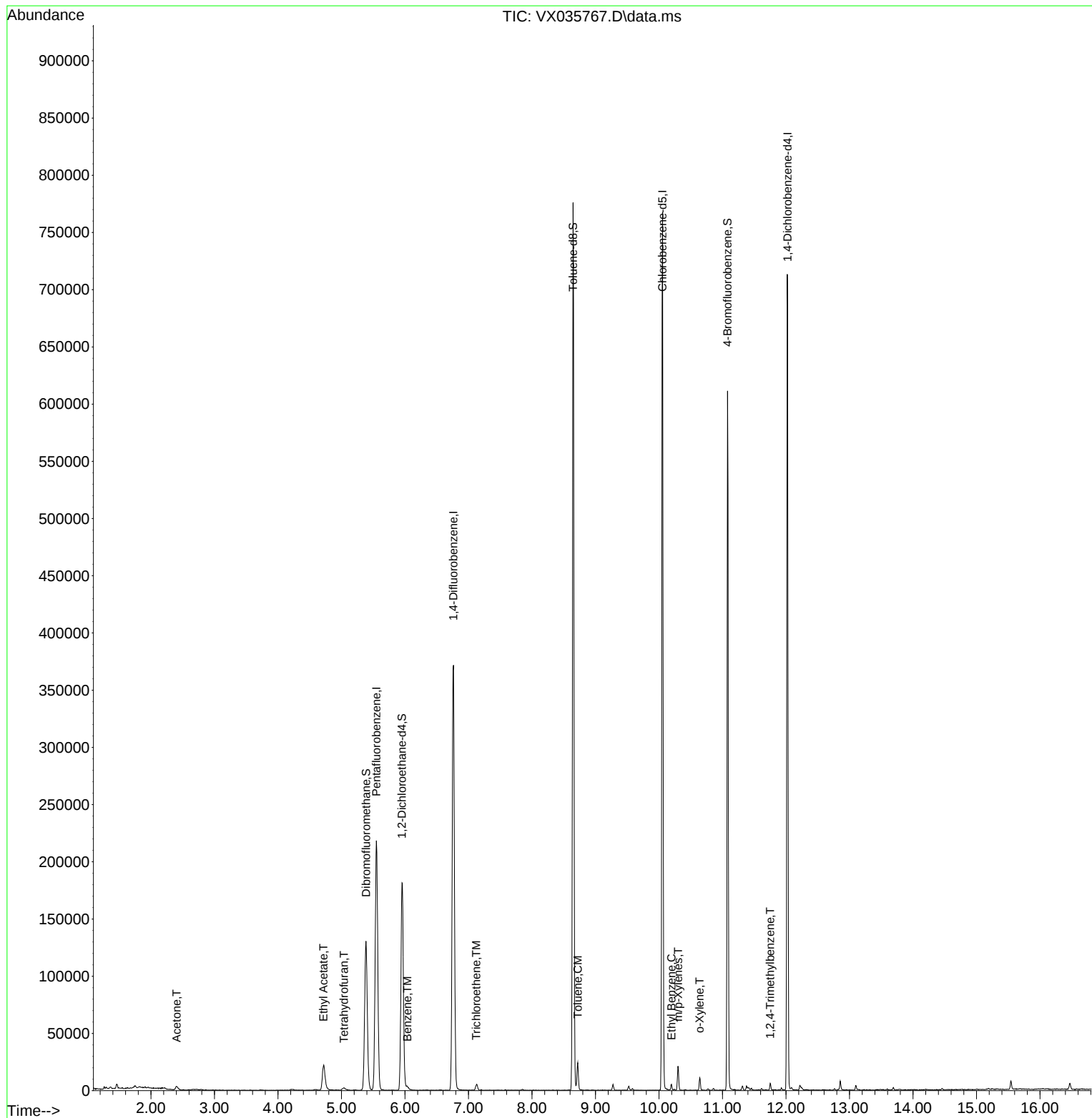
Internal Standards						
1) Pentafluorobenzene	5.550	168	183687	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	356947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183798	57.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.720%	
35) Dibromofluoromethane	5.385	113	112569	46.763	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.520%	
50) Toluene-d8	8.647	98	424875	47.777	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.560%	
62) 4-Bromofluorobenzene	11.079	95	162218	45.304	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.600%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	5291	3.842	ug/l	90
29) Tetrahydrofuran	5.038	42	1950	1.627	ug/l #	88
37) Ethyl Acetate	4.715	43	43944	11.088	ug/l	99
40) Benzene	6.038	78	2947	0.277	ug/l	98
44) Trichloroethene	7.123	130	2054	0.762	ug/l	84
52) Toluene	8.720	92	8573	1.278	ug/l	95
67) Ethyl Benzene	10.195	91	2863	0.222	ug/l	89
68) m/p-Xylenes	10.299	106	4419	0.928	ug/l	94
69) o-Xylene	10.640	106	2321	0.491	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	2527	0.260	ug/l	96

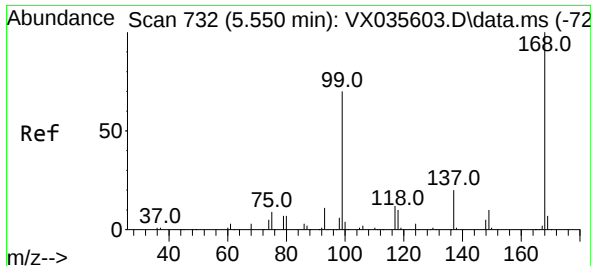
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

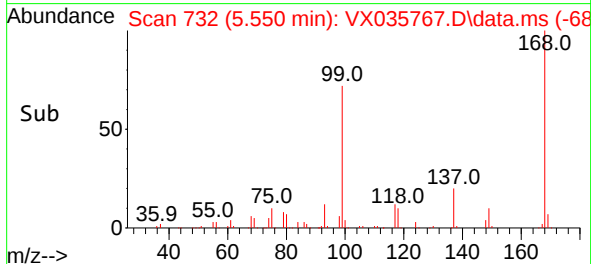
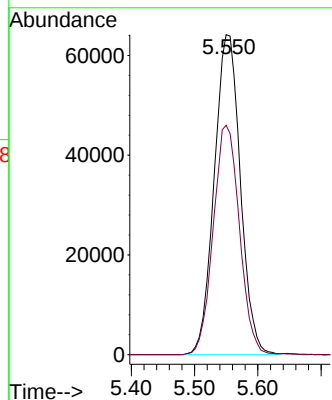
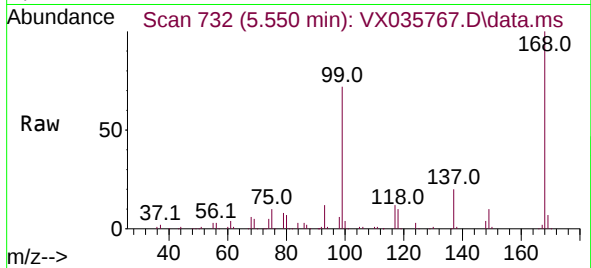




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

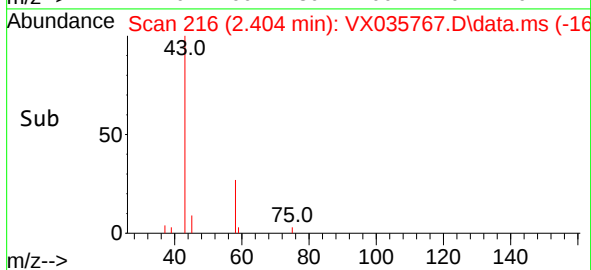
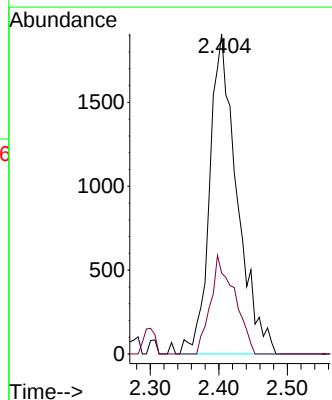
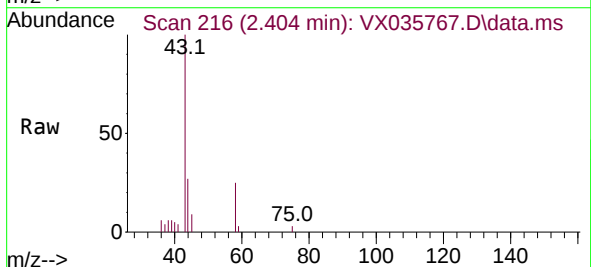
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

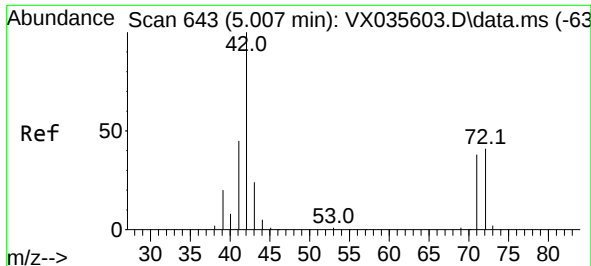
Tgt Ion:168 Resp: 183687
Ion Ratio Lower Upper
168 100
99 71.7 45.7 68.5#



#16
Acetone
Concen: 3.842 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

Tgt Ion: 43 Resp: 5291
Ion Ratio Lower Upper
43 100
58 25.3 24.7 37.1





#29

Tetrahydrofuran

Concen: 1.627 ug/l

RT: 5.038 min Scan# 643

Delta R.T. 0.031 min

Lab File: VX035767.D

Acq: 19 May 2023 17:50

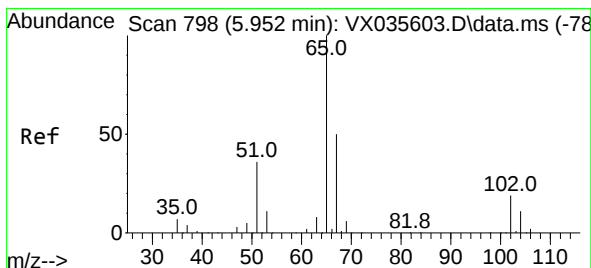
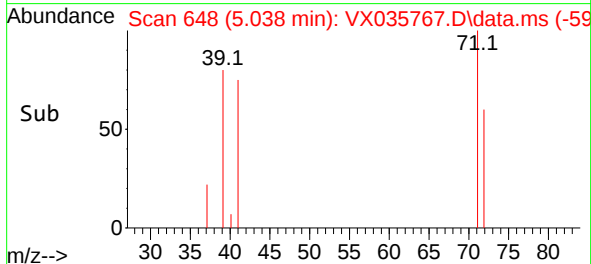
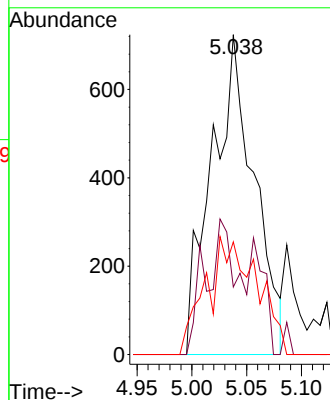
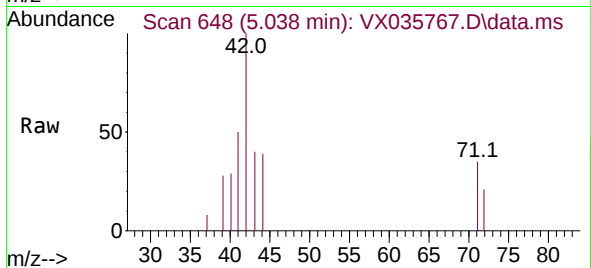
Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

Tgt Ion:	42	Resp:	1950
Ion	Ratio	Lower	Upper
42	100		
72	31.2	34.5	51.7#
71	43.5	32.1	48.1



#33

1,2-Dichloroethane-d4

Concen: 57.356 ug/l

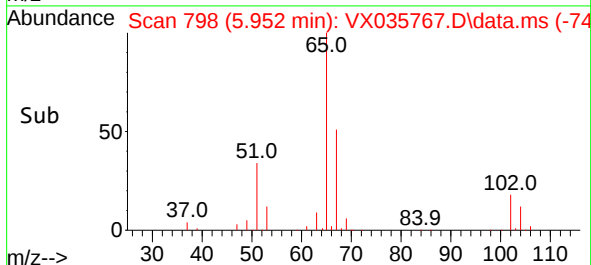
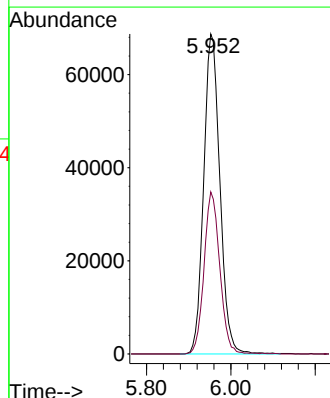
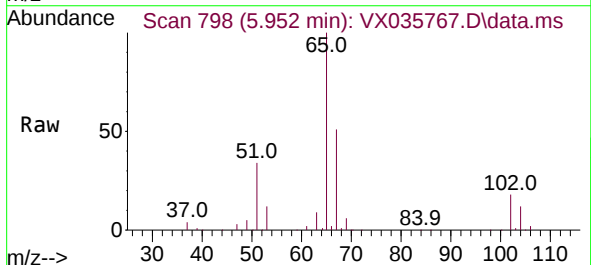
RT: 5.952 min Scan# 798

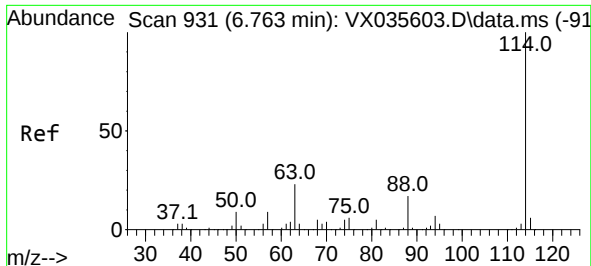
Delta R.T. 0.000 min

Lab File: VX035767.D

Acq: 19 May 2023 17:50

Tgt Ion:	65	Resp:	183798
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.0

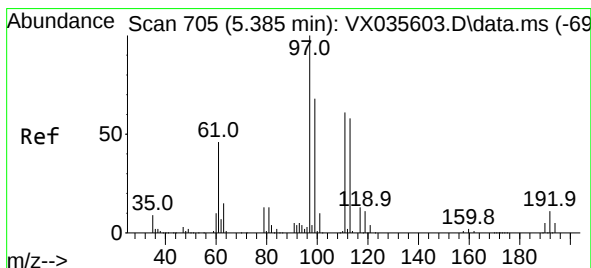
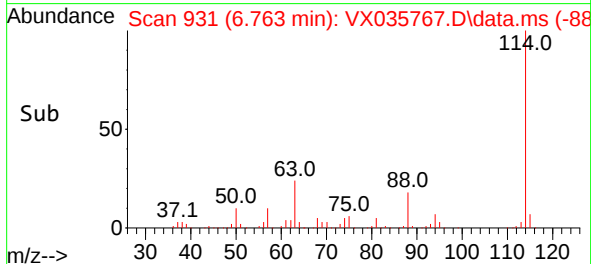
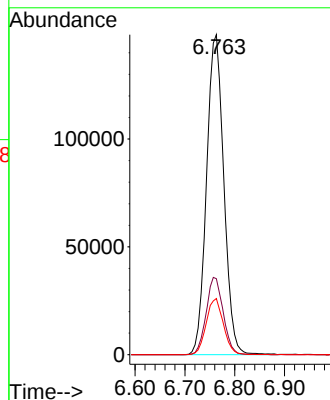
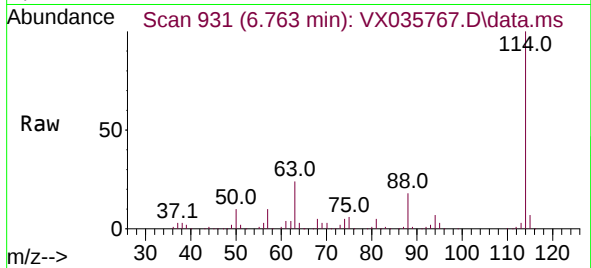




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

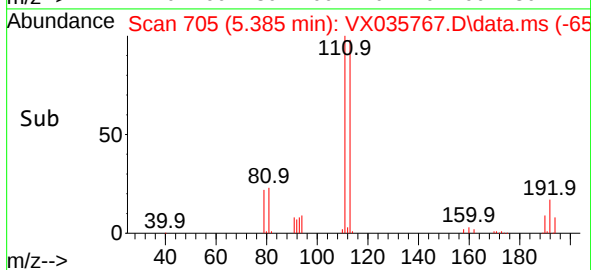
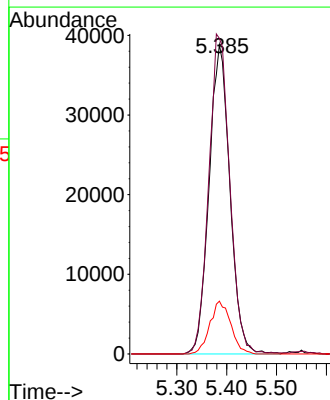
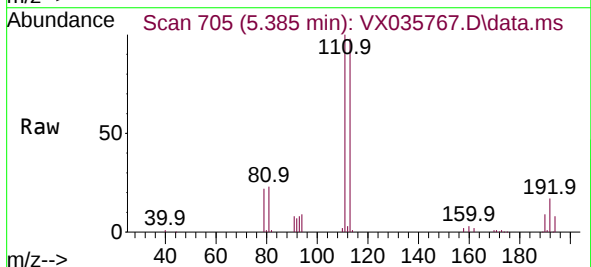
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

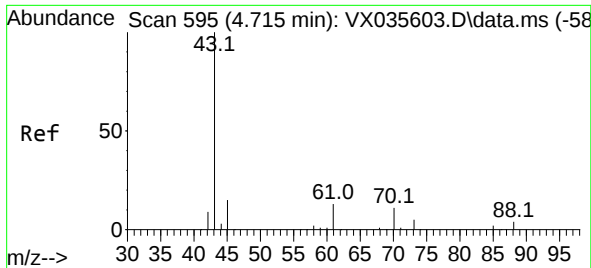
Tgt Ion:114 Resp: 356947
Ion Ratio Lower Upper
114 100
63 23.8 0.0 42.2
88 17.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.763 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

Tgt Ion:113 Resp: 112569
Ion Ratio Lower Upper
113 100
111 104.3 83.7 125.5
192 17.2 15.4 23.2





#37

Ethyl Acetate

Concen: 11.088 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035767.D

Acq: 19 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

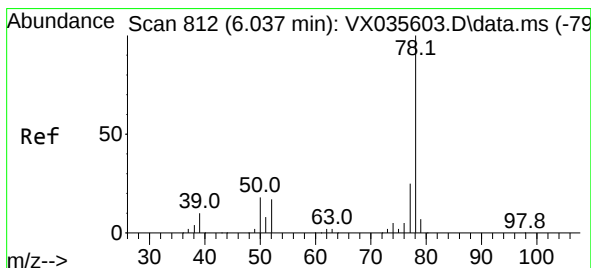
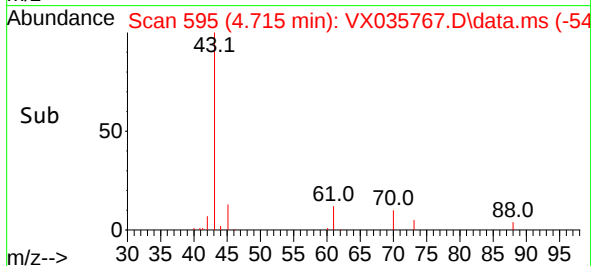
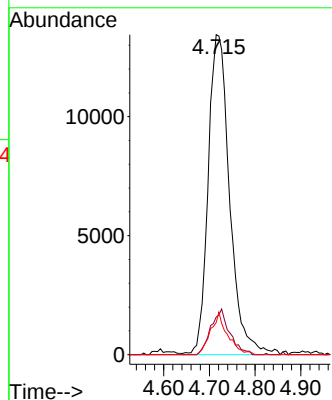
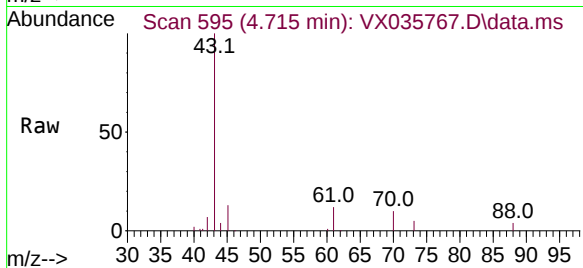
Tgt Ion: 43 Resp: 43944

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 10.4 8.2 12.4



#40

Benzene

Concen: 0.277 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035767.D

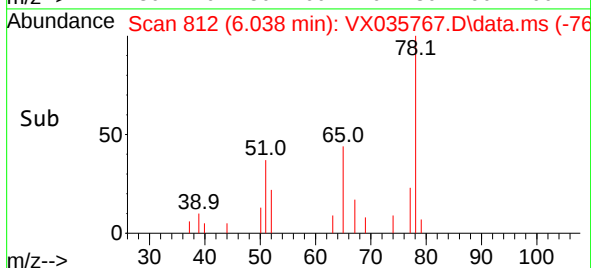
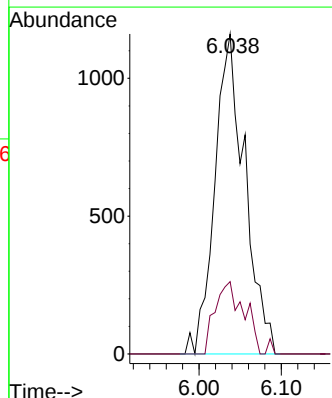
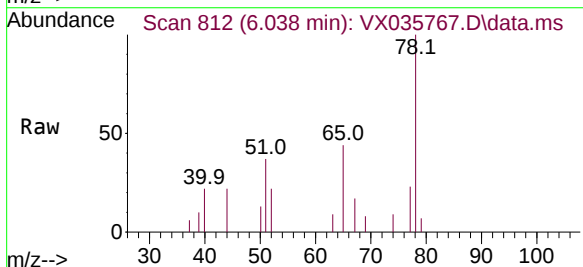
Acq: 19 May 2023 17:50

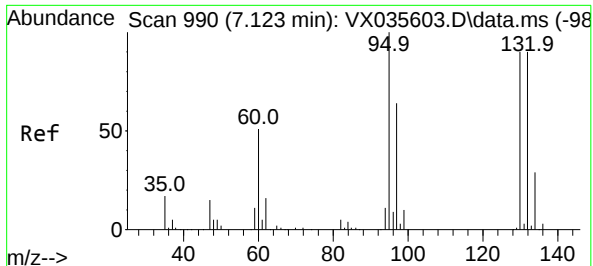
Tgt Ion: 78 Resp: 2947

Ion Ratio Lower Upper

78 100

77 22.6 19.0 28.4

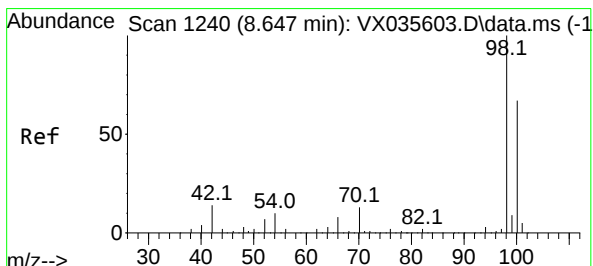
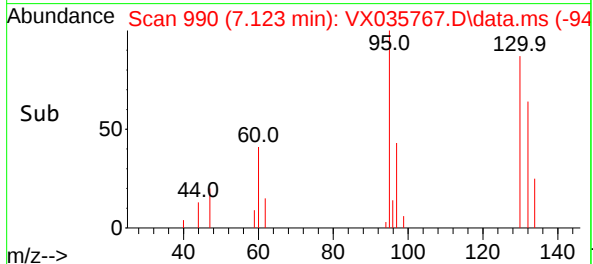
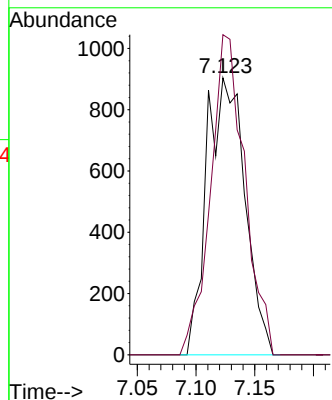
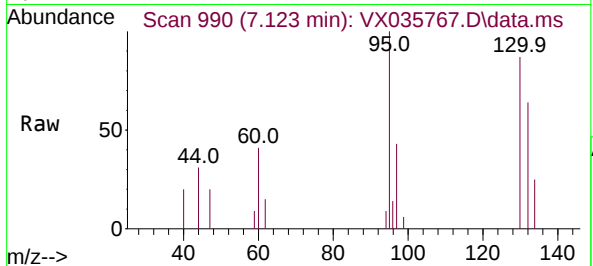




#44
Trichloroethene
Concen: 0.762 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

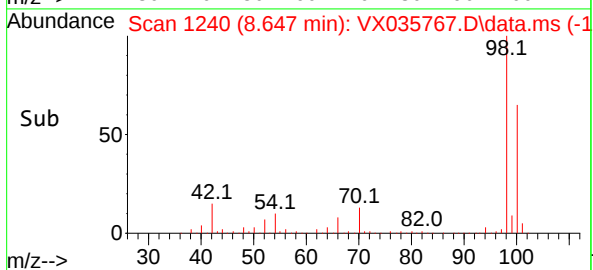
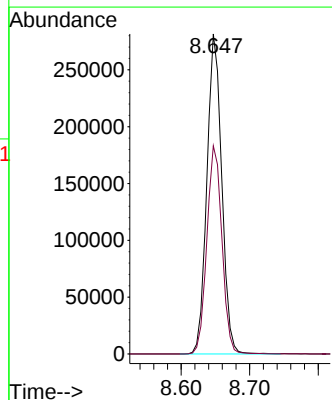
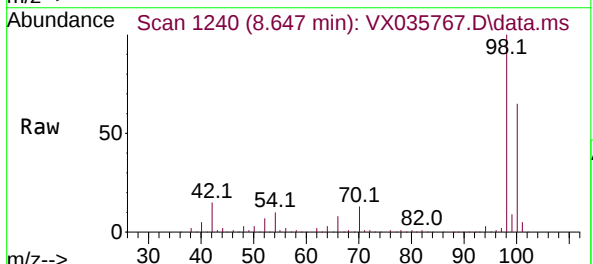
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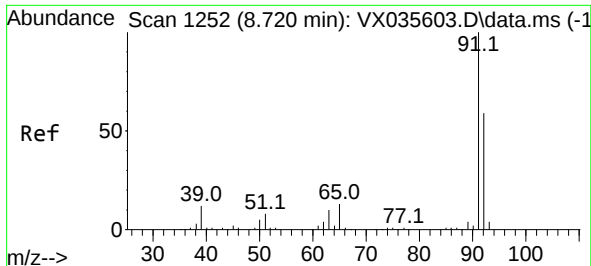
Tgt Ion:130 Resp: 2054
Ion Ratio Lower Upper
130 100
95 115.6 0.0 198.4



#50
Toluene-d8
Concen: 47.777 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

Tgt Ion: 98 Resp: 424875
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

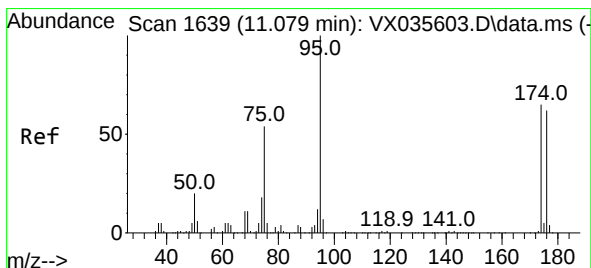
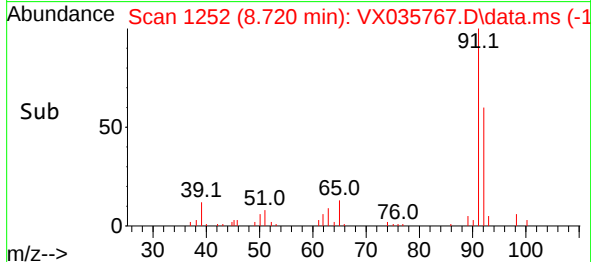
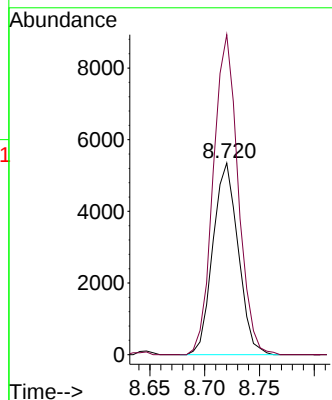
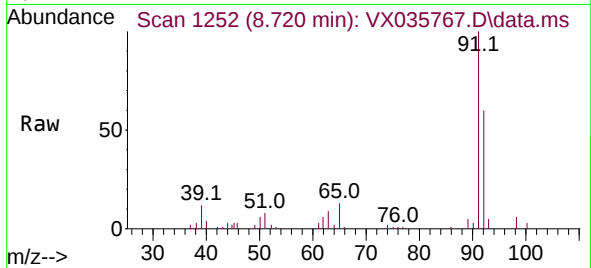




#52
Toluene
Concen: 1.278 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

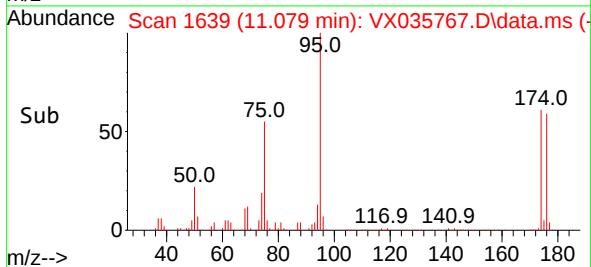
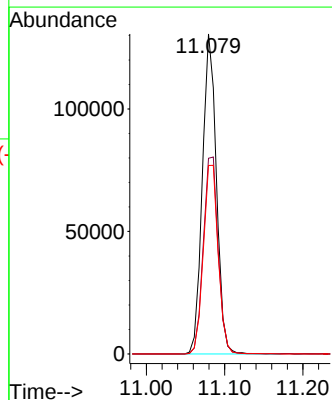
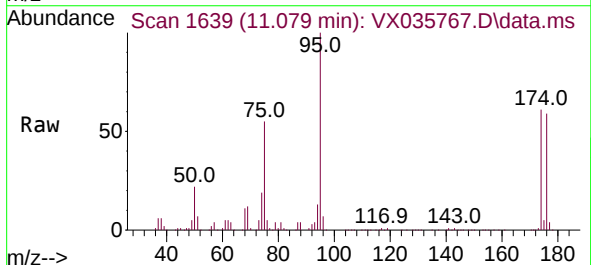
Instrument :
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FSND-TB-03-05182023

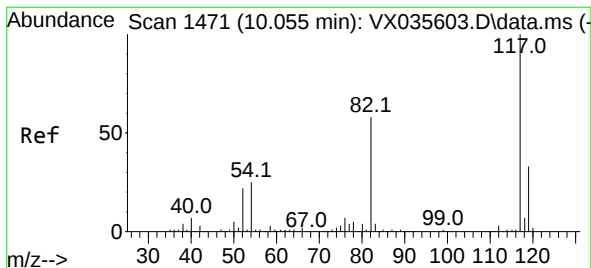
Tgt Ion: 92 Resp: 8573
Ion Ratio Lower Upper
92 100
91 164.3 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 45.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

Tgt Ion: 95 Resp: 162218
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 62.6 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035767.D

Acq: 19 May 2023 17:50

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

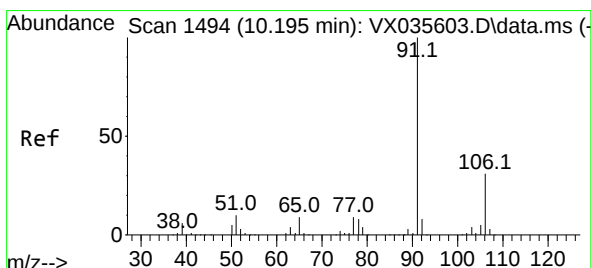
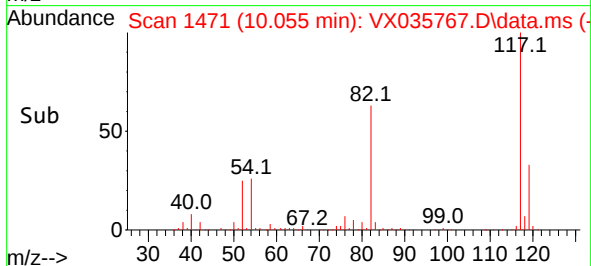
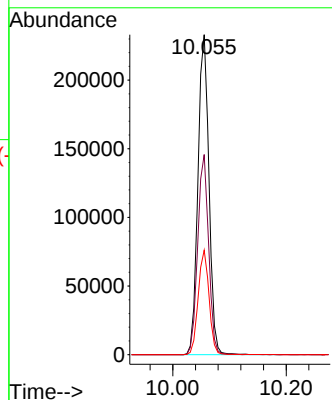
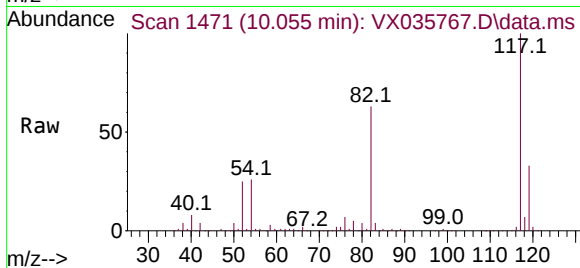
Tgt Ion:117 Resp: 313740

Ion Ratio Lower Upper

117 100

82 62.5 45.0 67.4

119 32.6 26.0 39.0



#67

Ethyl Benzene

Concen: 0.222 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035767.D

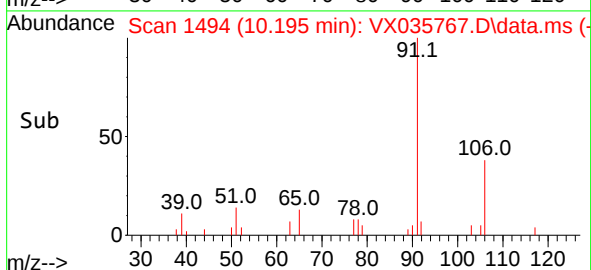
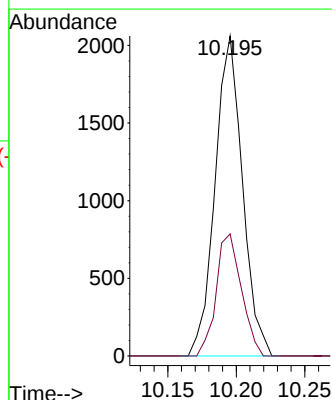
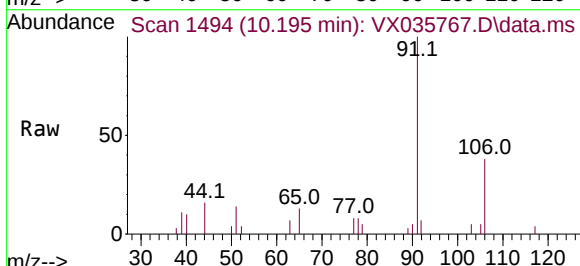
Acq: 19 May 2023 17:50

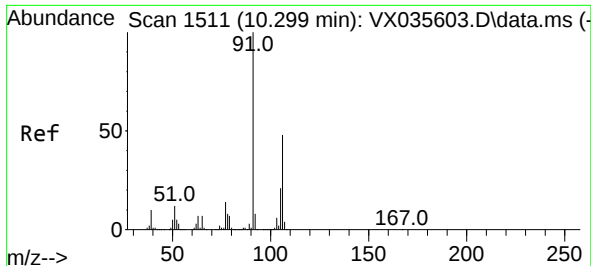
Tgt Ion: 91 Resp: 2863

Ion Ratio Lower Upper

91 100

106 38.1 25.6 38.4

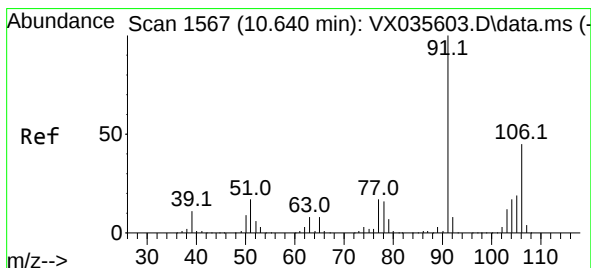
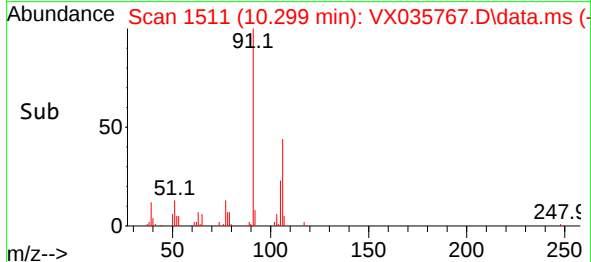
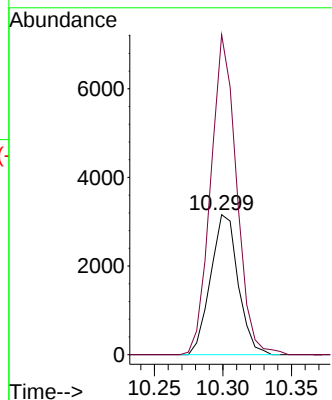
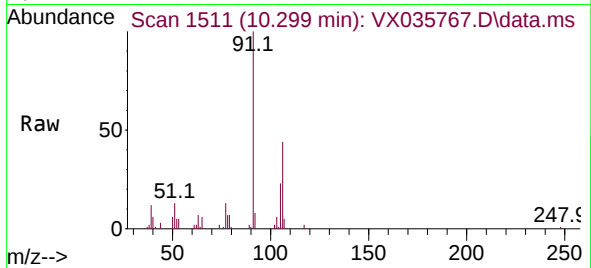




#68
m/p-Xylenes
Concen: 0.928 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

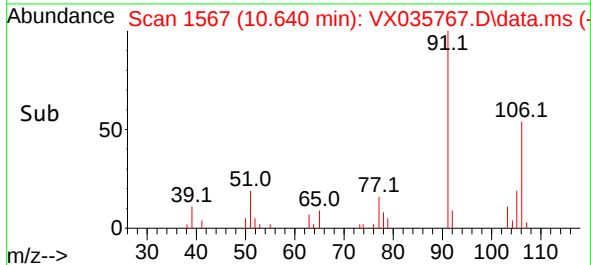
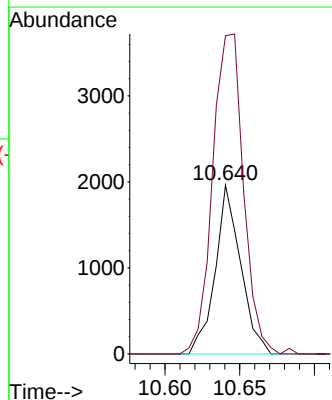
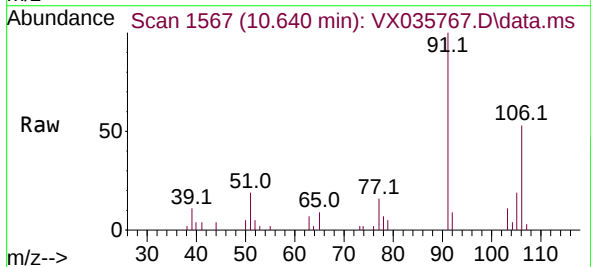
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

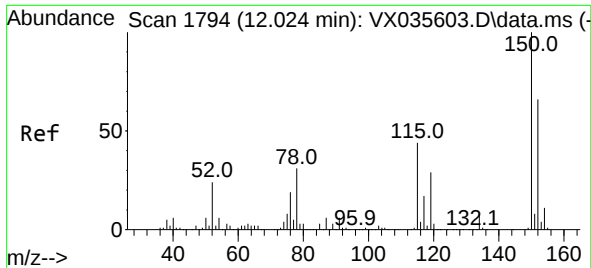
Tgt Ion:106 Resp: 4419
Ion Ratio Lower Upper
106 100
91 213.9 164.0 246.0



#69
o-Xylene
Concen: 0.491 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035767.D
Acq: 19 May 2023 17:50

Tgt Ion:106 Resp: 2321
Ion Ratio Lower Upper
106 100
91 230.6 108.5 325.3

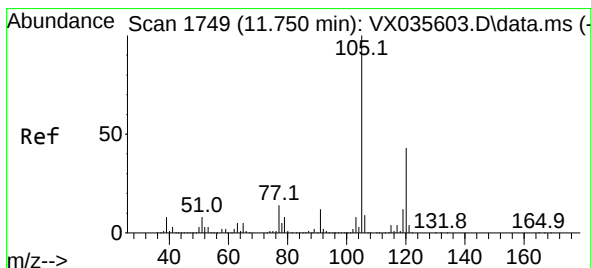
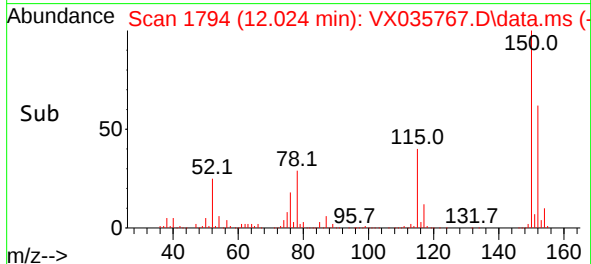
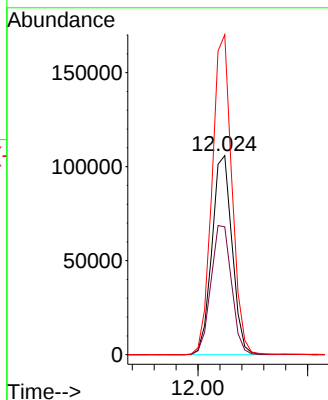
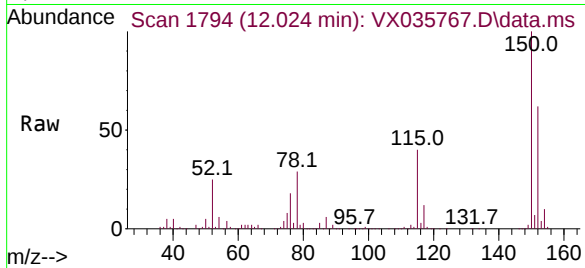




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX035767.D
 Acq: 19 May 2023 17:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023

Tgt Ion:152 Resp: 135152
 Ion Ratio Lower Upper
 152 100
 115 66.3 45.0 135.0
 150 157.9 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.260 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX035767.D
 Acq: 19 May 2023 17:50

Tgt Ion:105 Resp: 2527
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.4 67.0

