

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035768.D
 Acq On : 19 May 2023 18:14
 Operator : JC/MD
 Sample : 02860-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-10-151-05152023

Quant Time: May 22 05:19:39 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)

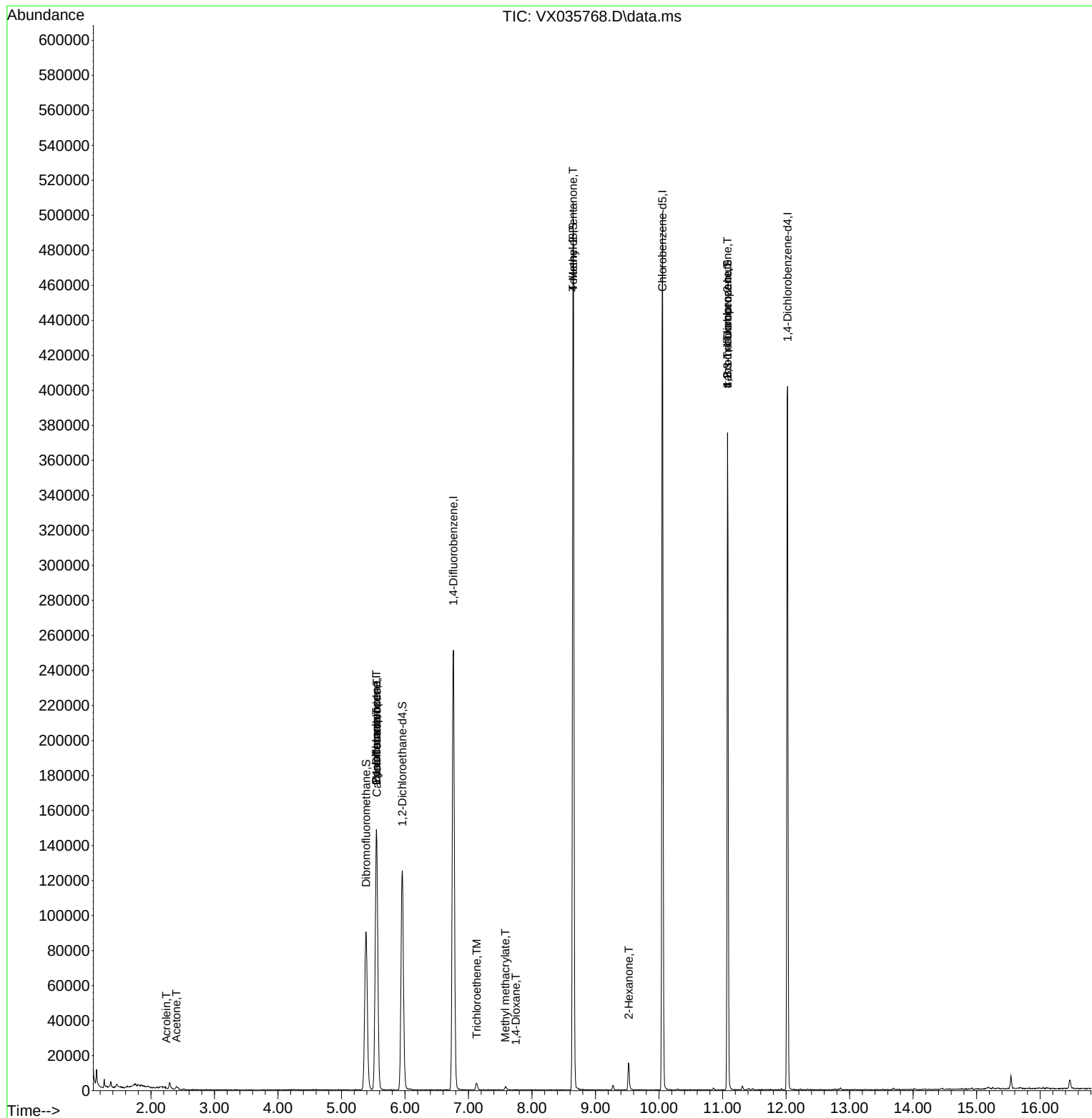
Internal Standards						
1) Pentafluorobenzene	5.549	168	126500	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	242509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128731	58.333	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 116.660%		
35) Dibromofluoromethane	5.385	113	78230	47.833	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 95.660%		
50) Toluene-d8	8.646	98	281341	46.565	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 93.140%		
62) 4-Bromofluorobenzene	11.079	95	98739	40.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 81.180%#		
Target Compounds						Qvalue
13) Acrolein	2.239	56	128	0.277	ug/l	94
16) Acetone	2.398	43	2661	2.806	ug/l	99
31) Cyclohexane	5.549	56	3694	1.325	ug/l #	38
36) 1,1-Dichloropropene	5.549	75	12076	4.678	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14751	6.032	ug/l #	15
44) Trichloroethene	7.128	130	1593	0.870	ug/l	69
48) Methyl methacrylate	7.580	41	862	0.372	ug/l #	39
49) 1,4-Dioxane	7.744	88	31	2.604	ug/l #	1
51) 4-Methyl-2-Pentanone	8.646	43	1792	0.662	ug/l #	1
59) 2-Hexanone	9.524	43	2609	1.281	ug/l #	47
76) 1,2,3-Trichloropropane	11.079	75	54778	28.988	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	54778	93.424	ug/l #	8

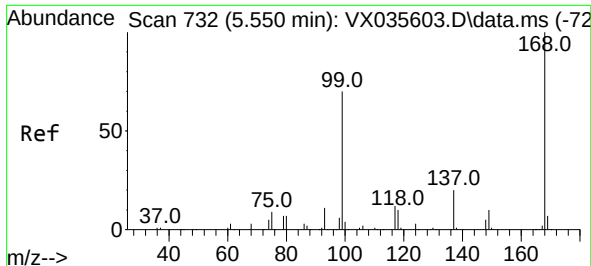
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

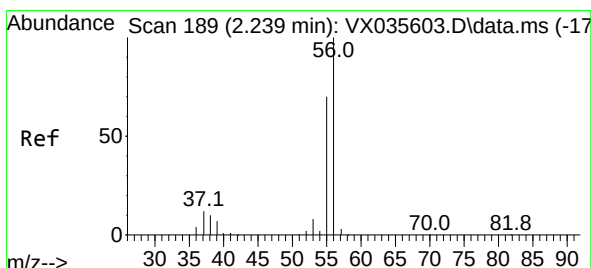
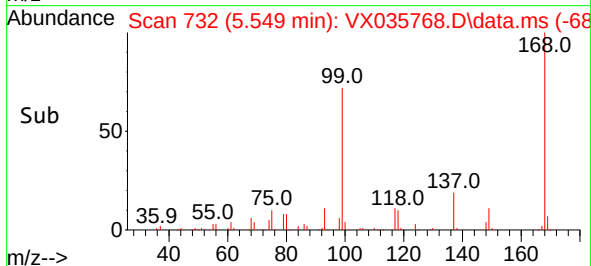
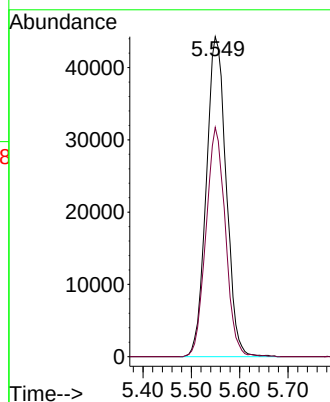
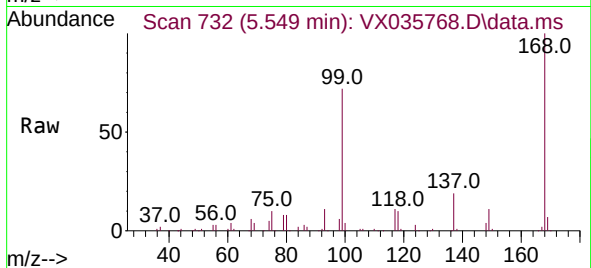




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

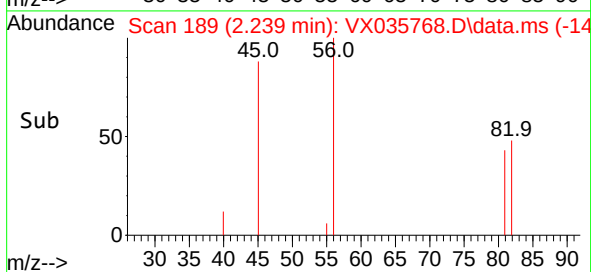
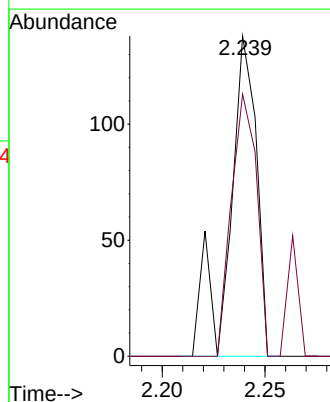
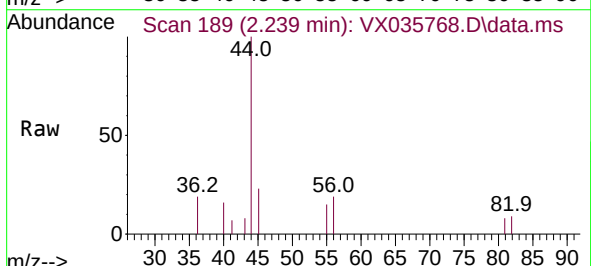
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

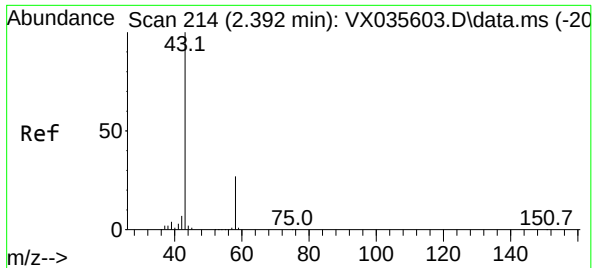
Tgt Ion:168 Resp: 126500
Ion Ratio Lower Upper
168 100
99 71.7 45.7 68.5#



#13
Acrolein
Concen: 0.277 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 75.8 56.6 85.0

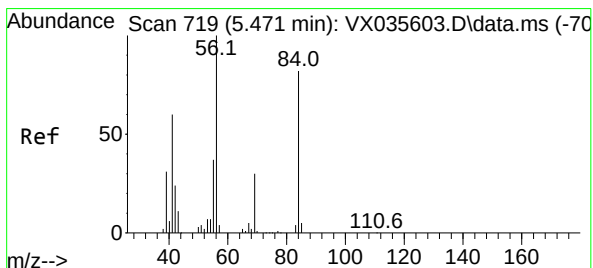
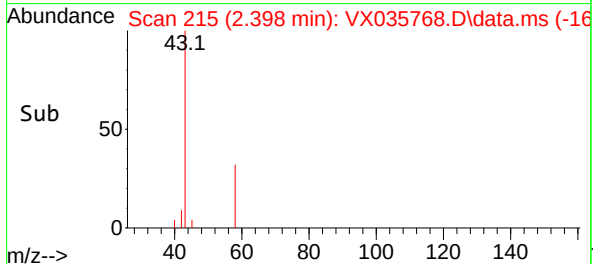
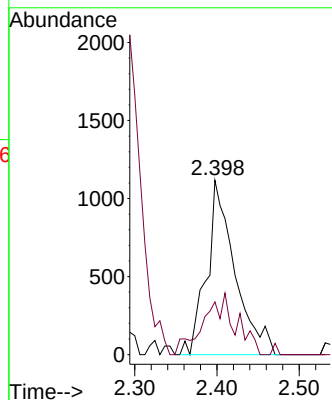
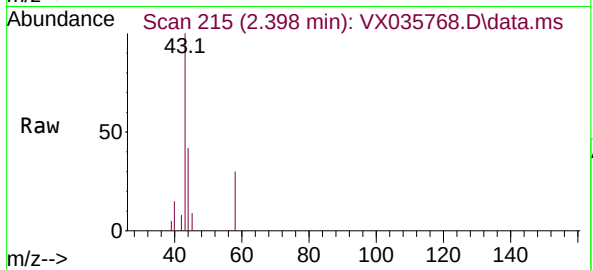




#16
Acetone
Concen: 2.806 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

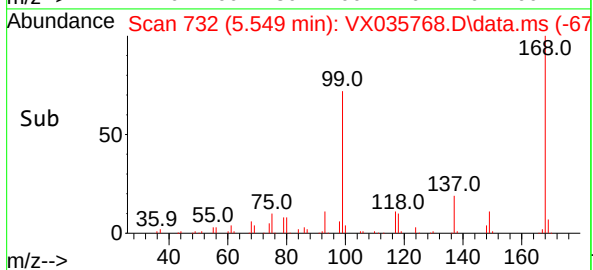
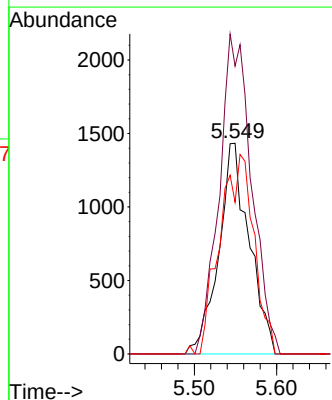
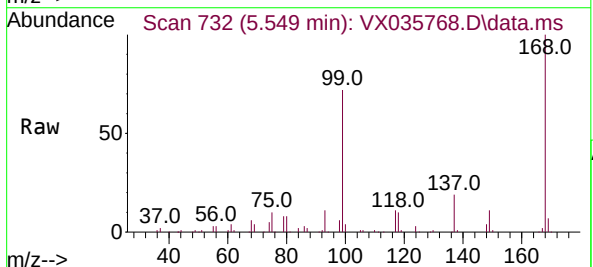
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

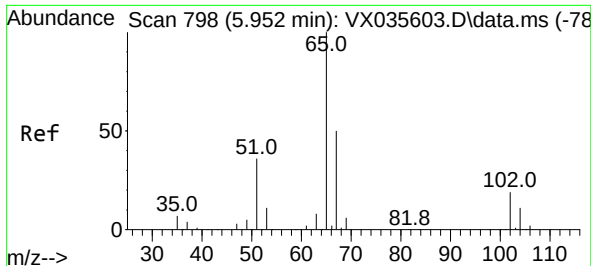
Tgt Ion: 43 Resp: 2661
Ion Ratio Lower Upper
43 100
58 30.3 24.7 37.1



#31
Cyclohexane
Concen: 1.325 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion: 56 Resp: 3694
Ion Ratio Lower Upper
56 100
69 136.5 23.7 35.5#
84 72.0 68.5 102.7





#33

1,2-Dichloroethane-d4

Concen: 58.333 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

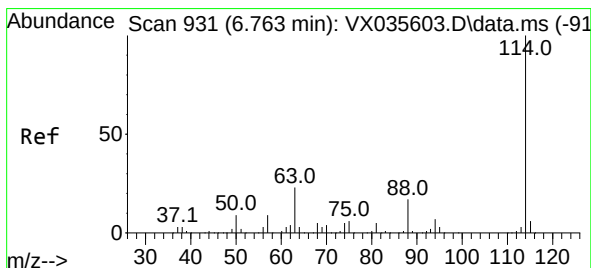
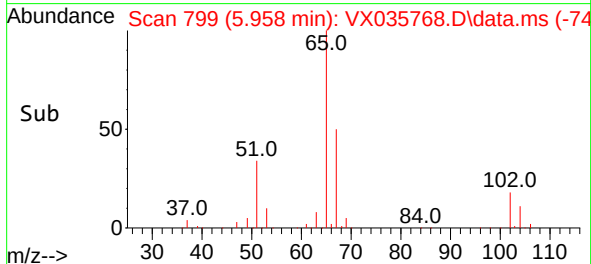
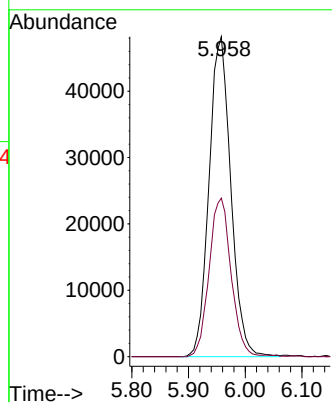
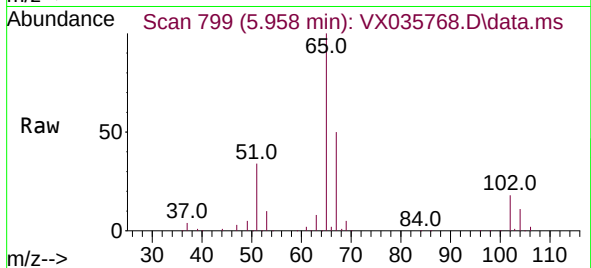
FSND-PRO-10-151-05152023

Tgt Ion: 65 Resp: 128731

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

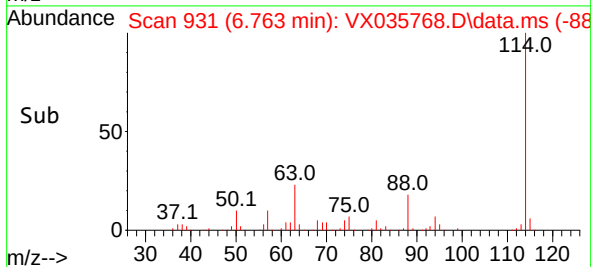
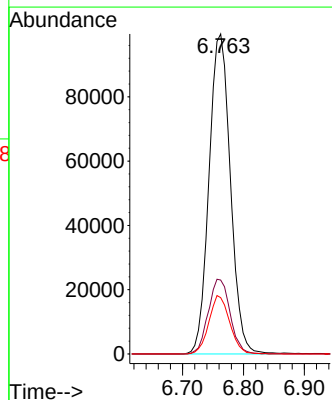
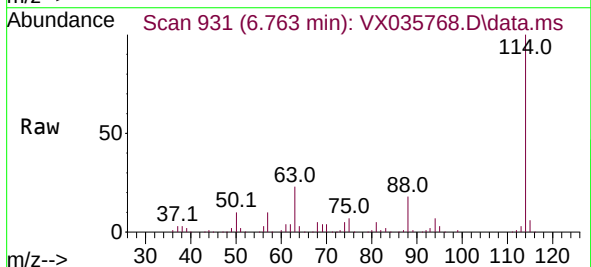
Tgt Ion: 114 Resp: 242509

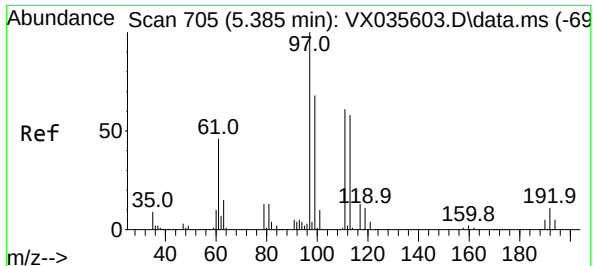
Ion Ratio Lower Upper

114 100

63 23.1 0.0 42.2

88 17.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.833 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035768.D

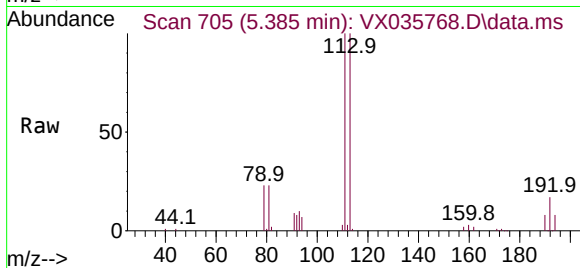
Acq: 19 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-10-151-05152023



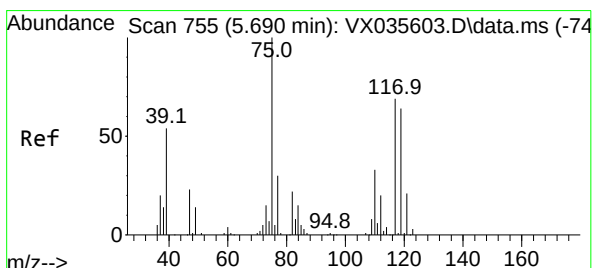
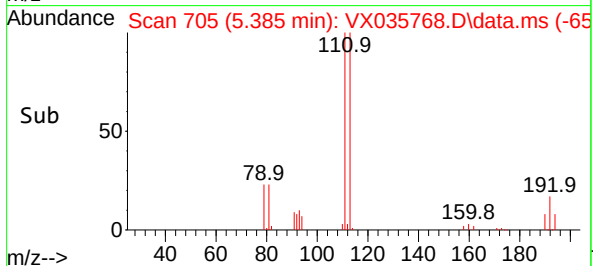
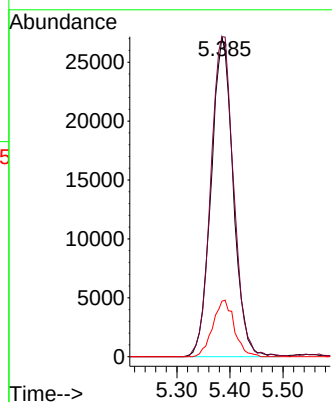
Tgt Ion:113 Resp: 78230

Ion Ratio Lower Upper

113 100

111 103.7 83.7 125.5

192 17.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.678 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

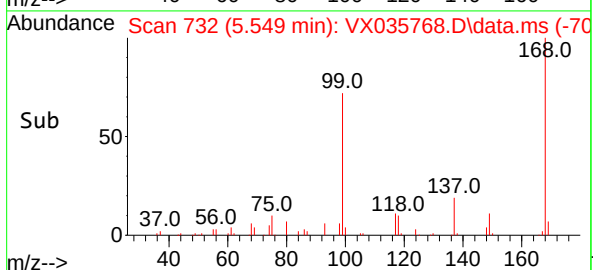
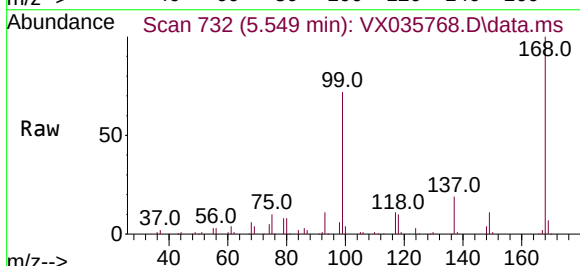
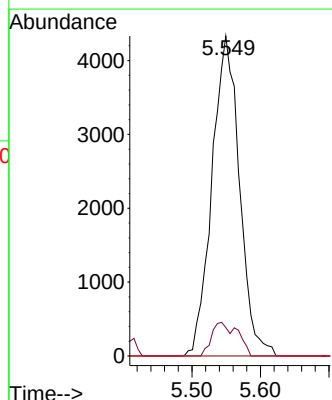
Tgt Ion: 75 Resp: 12076

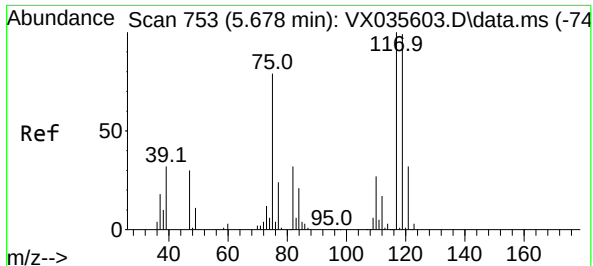
Ion Ratio Lower Upper

75 100

110 9.9 17.5 52.5#

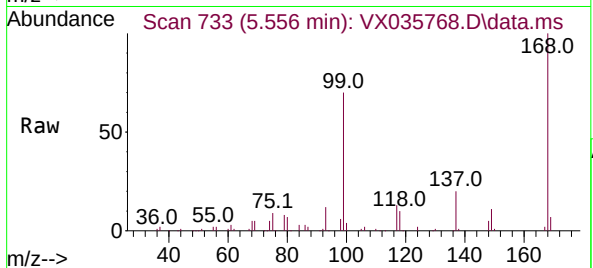
77 0.0 24.3 36.5#



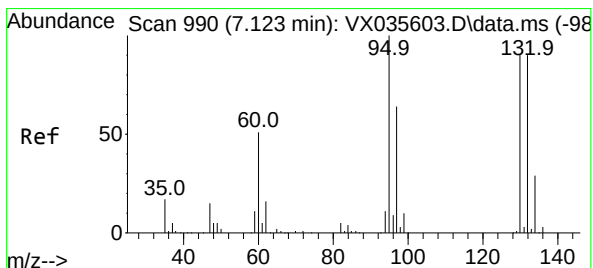
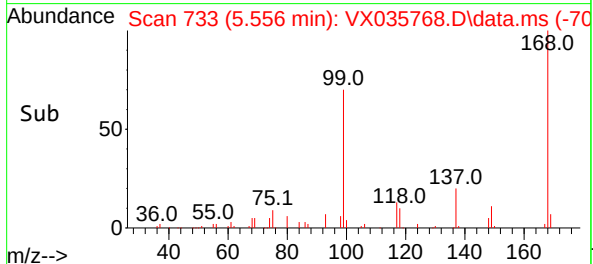
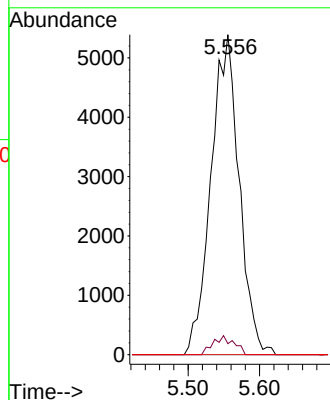


#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

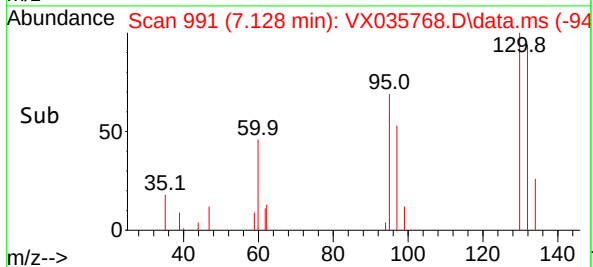
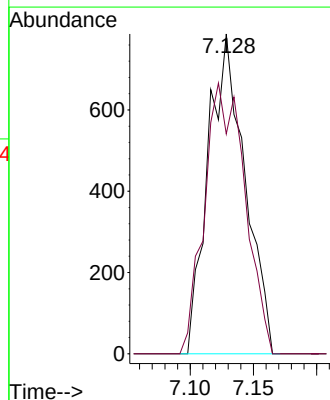
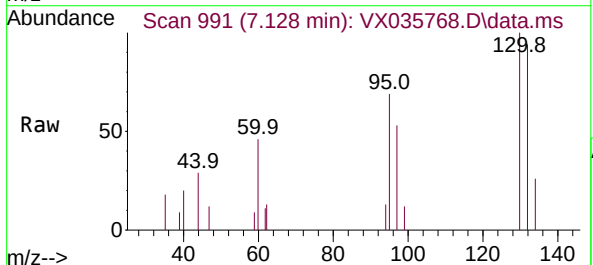


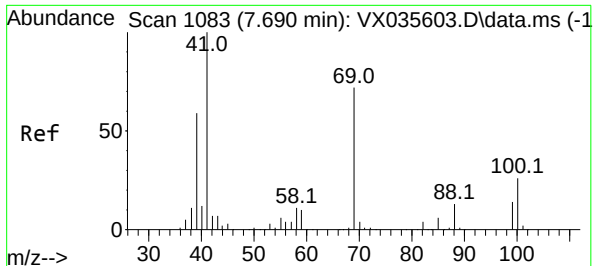
Tgt Ion:117 Resp: 14751
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.870 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.005 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion:130 Resp: 1593
Ion Ratio Lower Upper
130 100
95 68.7 0.0 198.4





#48

Methyl methacrylate

Concen: 0.372 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.110 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

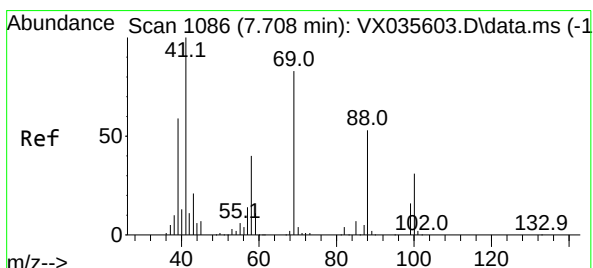
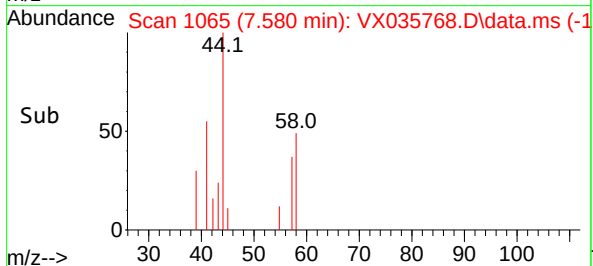
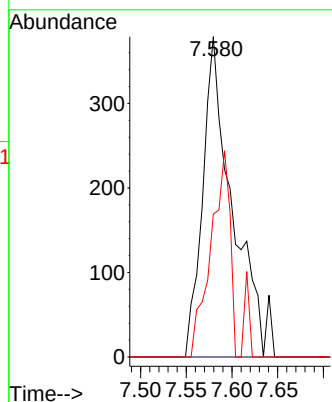
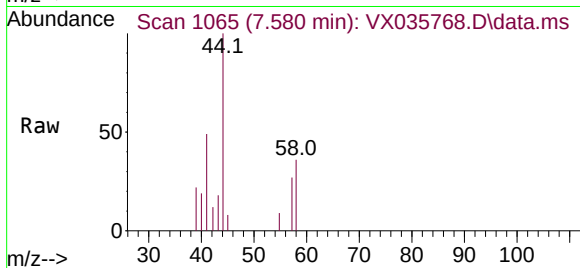
Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-10-151-05152023

Tgt Ion:	41	Resp:	862
Ion Ratio	Lower	Upper	
41	100		
69	0.0	62.2	93.4#
39	41.1	47.7	71.5#



#49

1,4-Dioxane

Concen: 2.604 ug/l

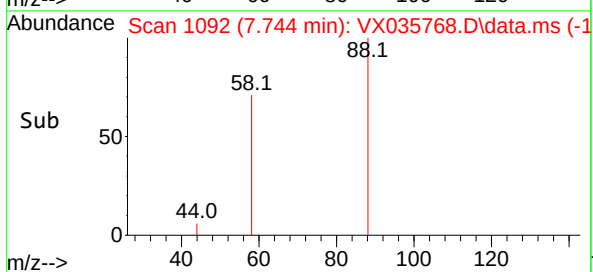
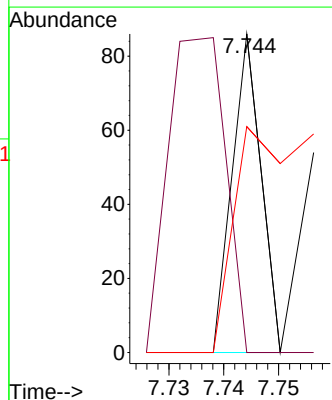
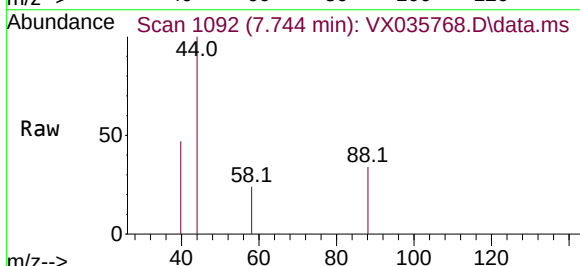
RT: 7.744 min Scan# 1092

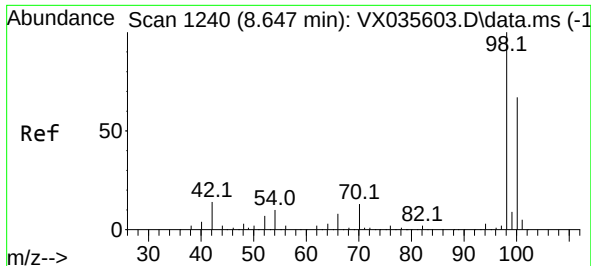
Delta R.T. 0.036 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

Tgt Ion:	88	Resp:	31
Ion Ratio	Lower	Upper	
88	100		
43	200.0	27.7	41.5#
58	203.2	56.8	85.2#

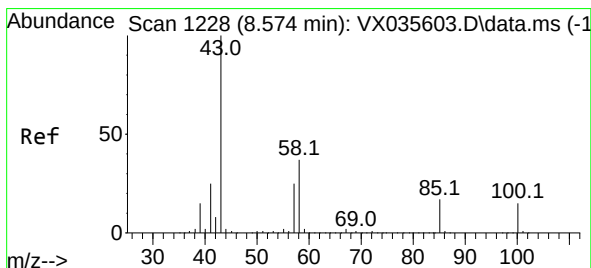
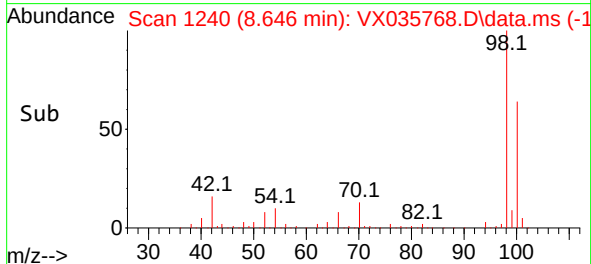
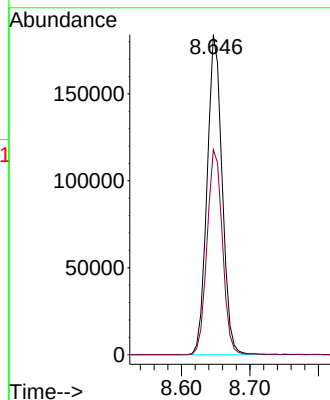
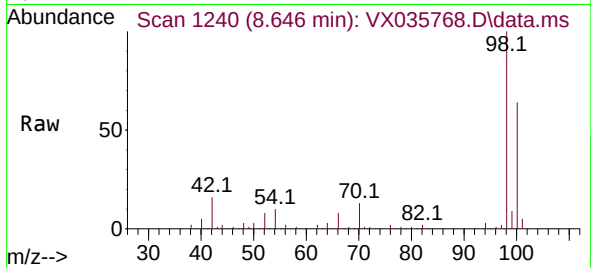




#50
Toluene-d8
Concen: 46.565 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

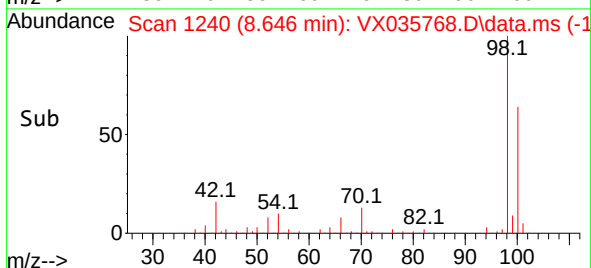
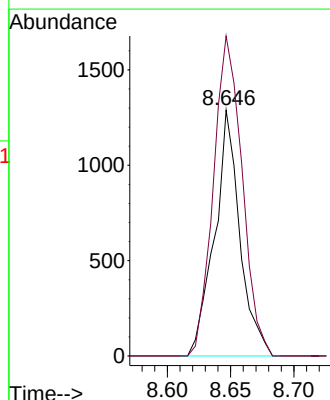
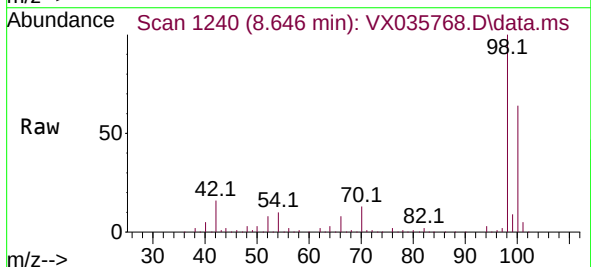
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

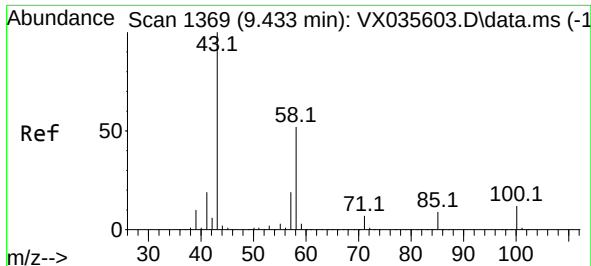
Tgt Ion: 98 Resp: 281341
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.662 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion: 43 Resp: 1792
Ion Ratio Lower Upper
43 100
58 147.8 30.6 46.0#

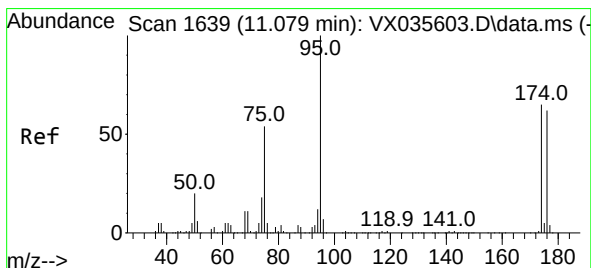
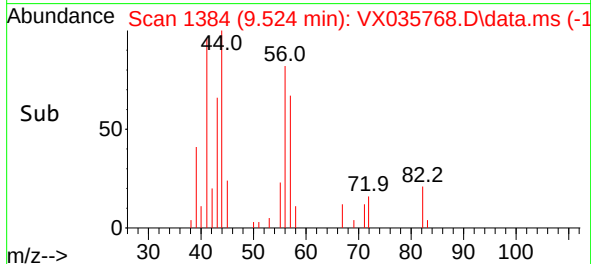
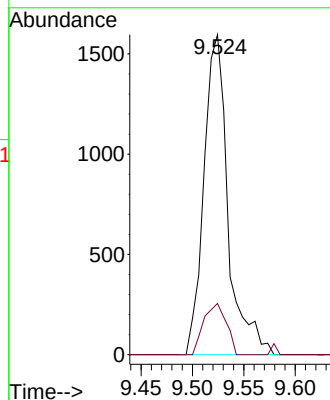
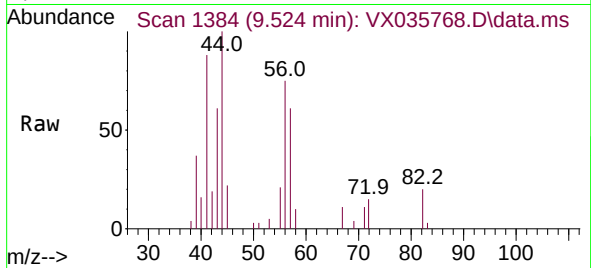




#59
2-Hexanone
Concen: 1.281 ug/l
RT: 9.524 min Scan# 11
Delta R.T. 0.091 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

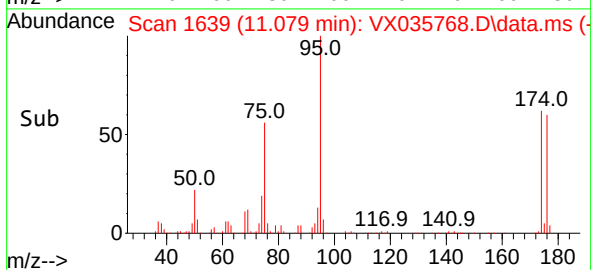
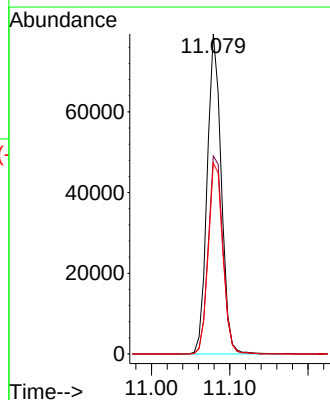
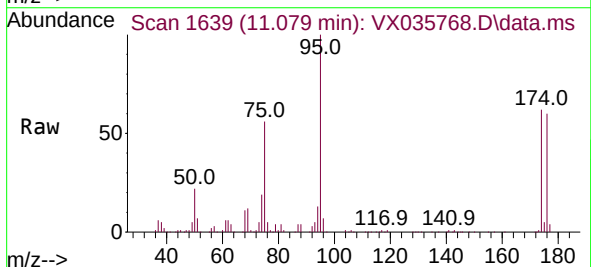
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

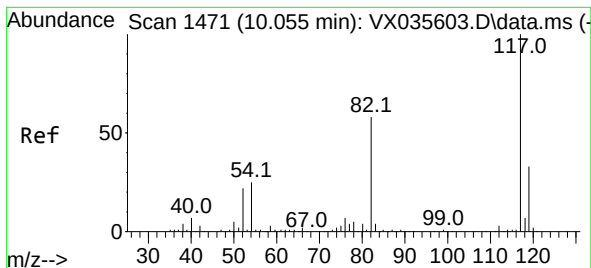
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
58 15.0 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 40.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion: 95 Resp: 98739
Ion Ratio Lower Upper
95 100
174 64.2 0.0 147.4
176 61.7 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: VX035768.D

Acq: 19 May 2023 18:14

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-10-151-05152023

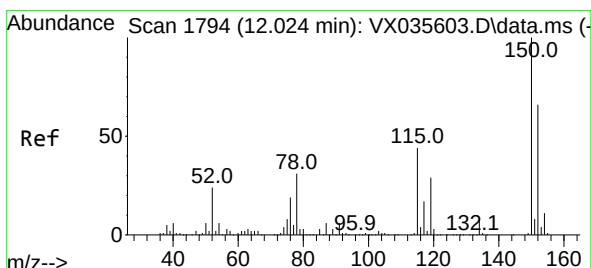
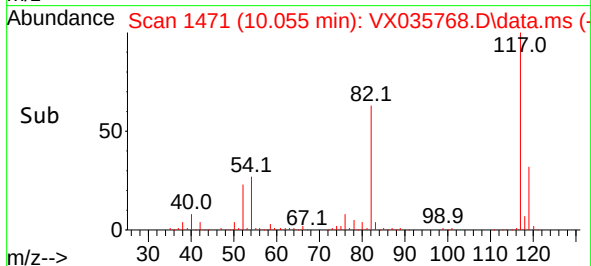
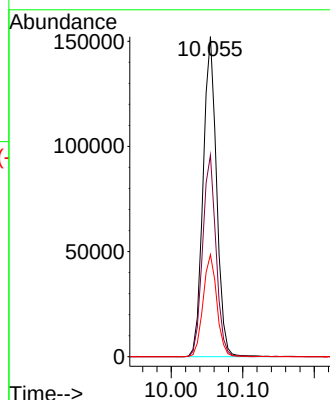
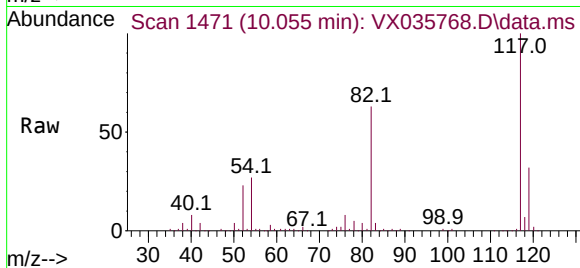
Tgt Ion:117 Resp: 199563

Ion Ratio Lower Upper

117 100

82 63.0 45.0 67.4

119 31.9 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX035768.D

Acq: 19 May 2023 18:14

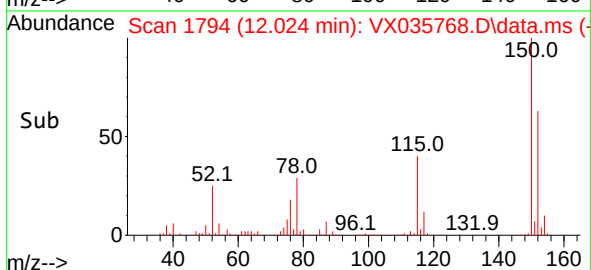
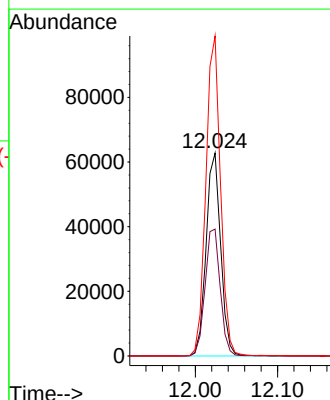
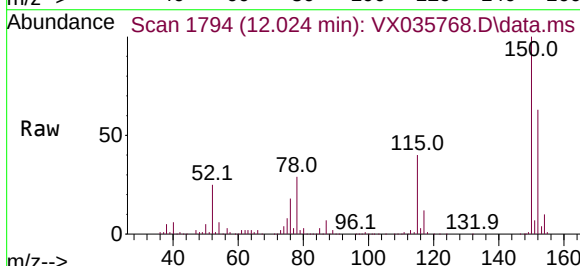
Tgt Ion:152 Resp: 77255

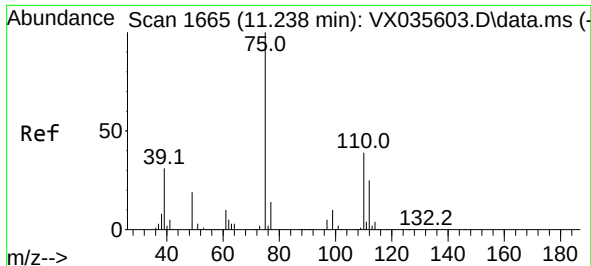
Ion Ratio Lower Upper

152 100

115 65.0 45.0 135.0

150 158.0 0.0 352.4

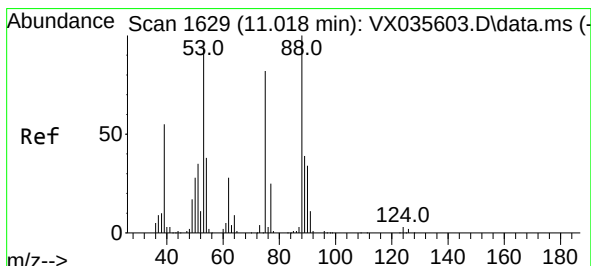
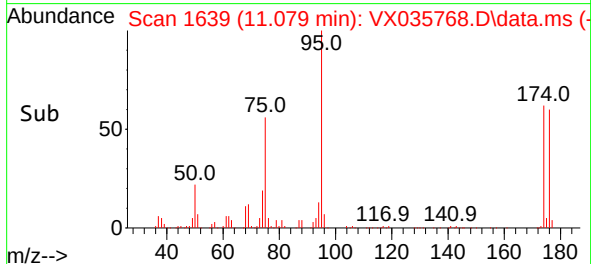
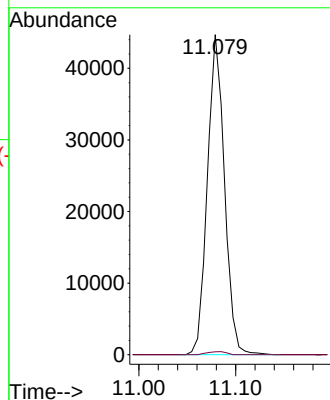
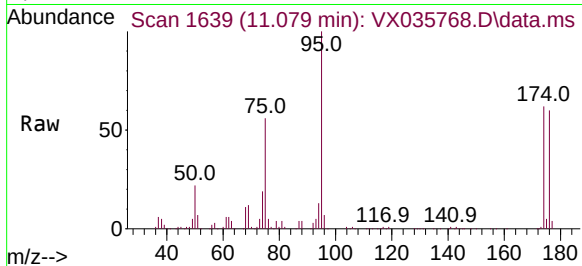




#76
1,2,3-Trichloropropane
Concen: 28.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023

Tgt Ion: 75 Resp: 54778
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.424 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035768.D
Acq: 19 May 2023 18:14

Tgt Ion: 75 Resp: 54778
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

