

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035765.D
 Acq On : 19 May 2023 17:04
 Operator : JC/MD
 Sample : 02860-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-91-0512023

Quant Time: May 22 05:18:44 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)

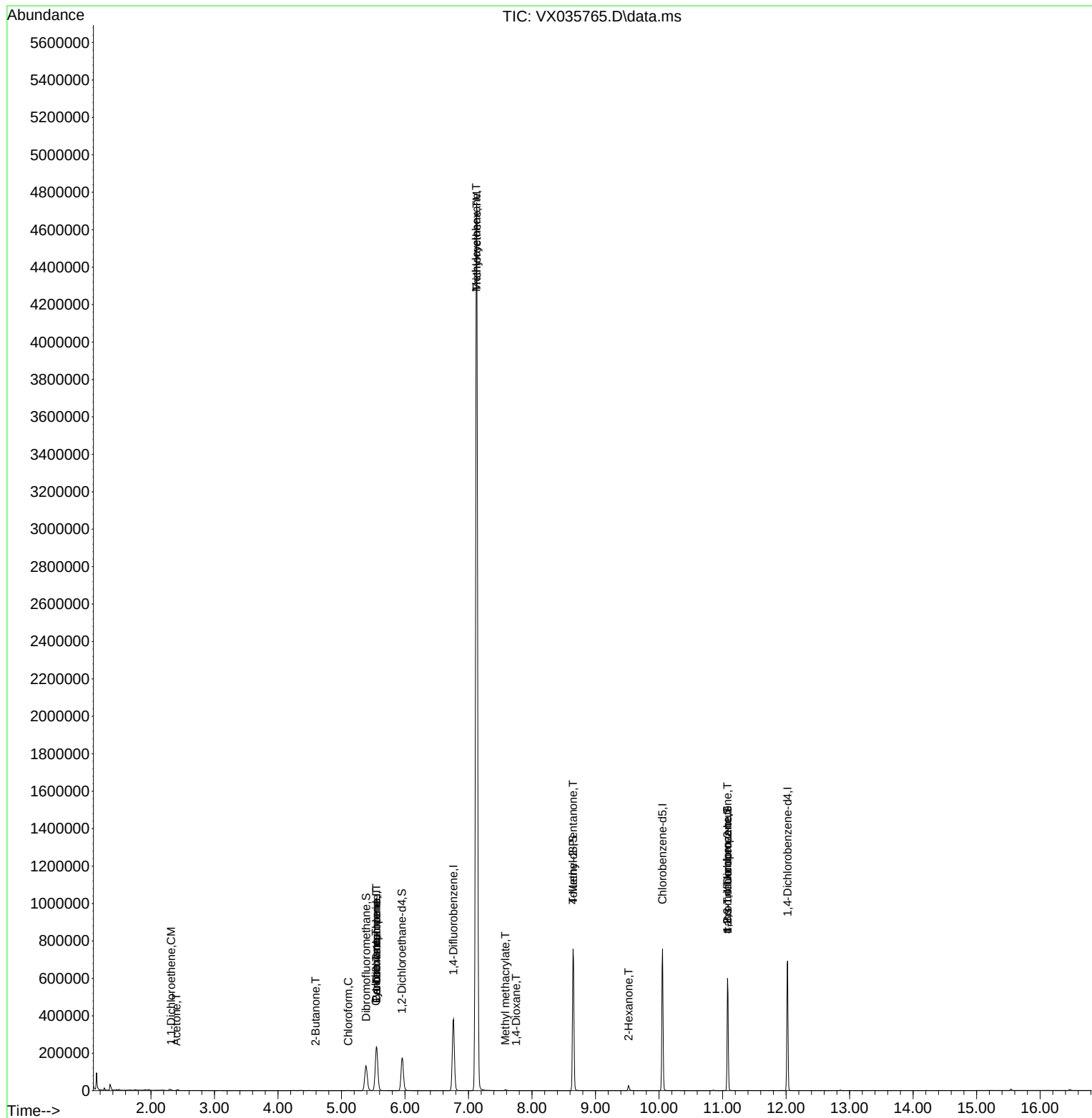
Internal Standards						
1) Pentafluorobenzene	5.549	168	197850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	357116	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178578	51.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.480%			
35) Dibromofluoromethane	5.385	113	114518	47.550	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.100%			
50) Toluene-d8	8.646	98	420315	47.242	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.480%			
62) 4-Bromofluorobenzene	11.079	95	159168	44.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 88.860%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.318	96	773	0.351	ug/l	84
16) Acetone	2.398	43	2436	1.642	ug/l	96
25) 2-Butanone	4.592	43	487	0.237	ug/l #	51
30) Chloroform	5.104	83	1017	0.201	ug/l	85
31) Cyclohexane	5.543	56	5740	1.316	ug/l #	21
36) 1,1-Dichloropropene	5.549	75	18993	4.996	ug/l #	50
38) Carbon Tetrachloride	5.549	117	22678	6.297	ug/l #	16
39) Methylcyclohexane	7.122	83	22773	5.089	ug/l #	1
44) Trichloroethene	7.128	130	1713828	635.555	ug/l	93
48) Methyl methacrylate	7.580	41	1503	0.440	ug/l #	49
49) 1,4-Dioxane	7.750	88	120	3.585	ug/l #	50
51) 4-Methyl-2-Pentanone	8.646	43	2081	0.522	ug/l #	1
59) 2-Hexanone	9.518	43	4444	1.481	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	88387	27.226	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88387	87.745	ug/l #	8

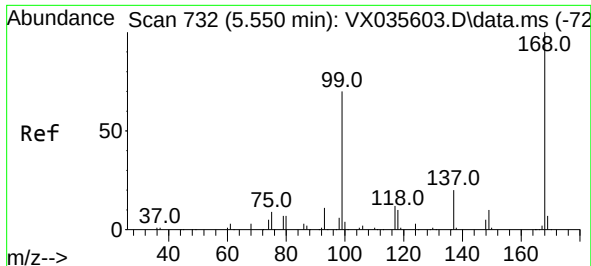
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-PRO-05-91-0512023

Quant Time: May 22 05:18:44 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

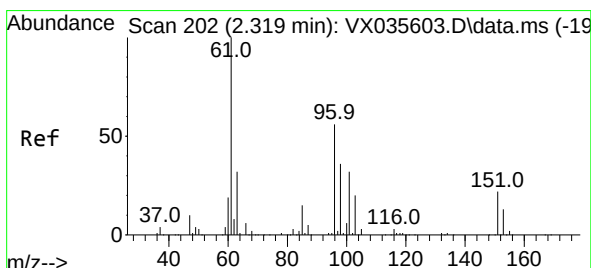
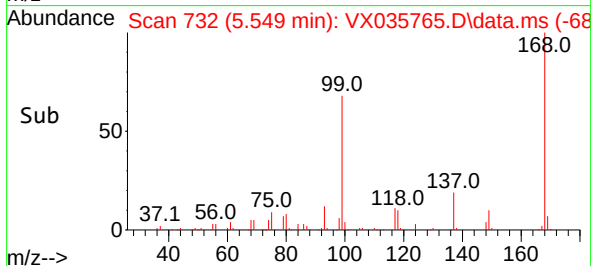
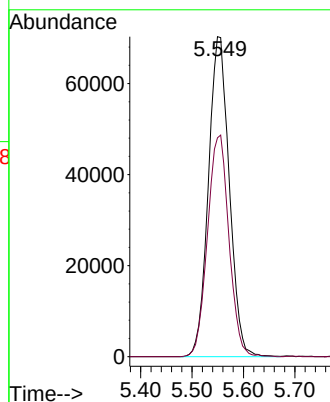
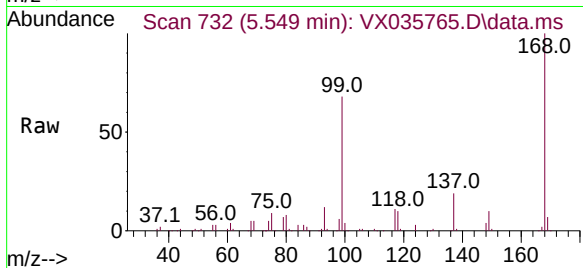




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

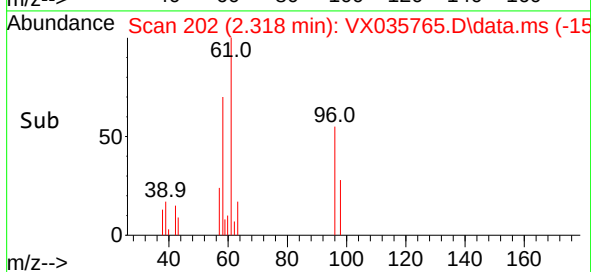
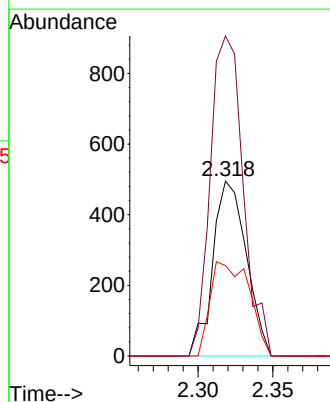
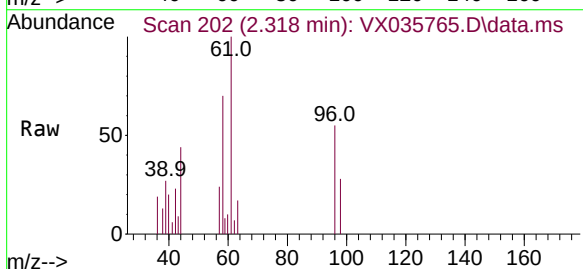
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023

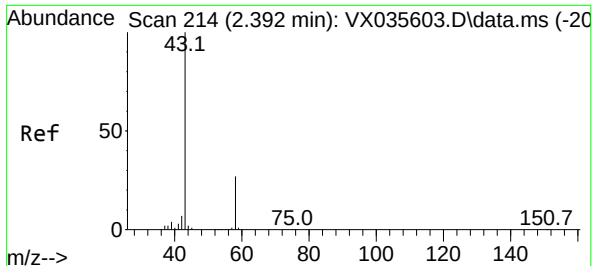
Tgt Ion:168 Resp: 197850
Ion Ratio Lower Upper
168 100
99 68.4 45.7 68.5



#12
1,1-Dichloroethene
Concen: 0.351 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Tgt Ion: 96 Resp: 773
Ion Ratio Lower Upper
96 100
61 183.0 128.8 193.2
98 51.7 51.4 77.0

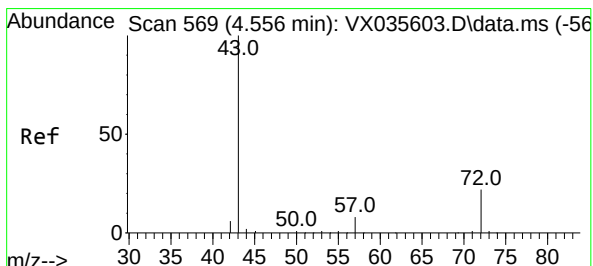
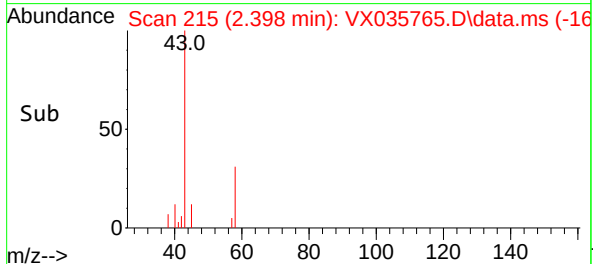
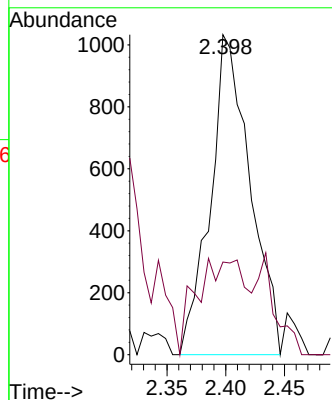
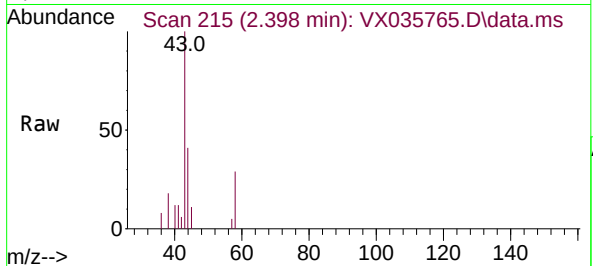




#16
Acetone
Concen: 1.642 ug/l
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

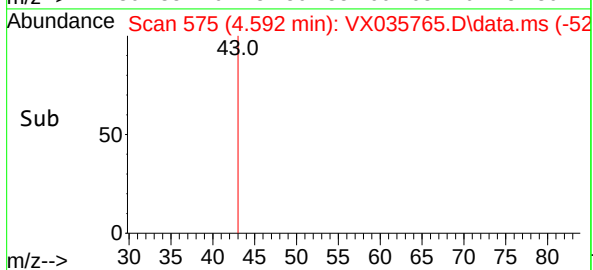
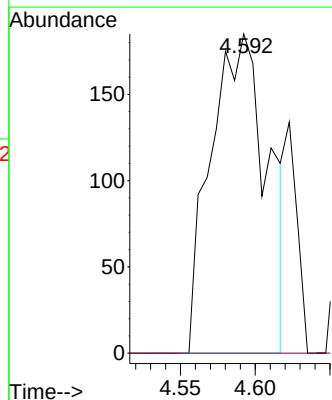
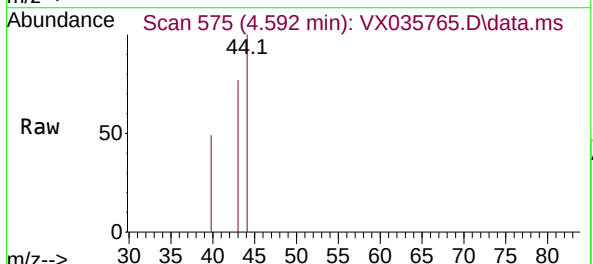
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023

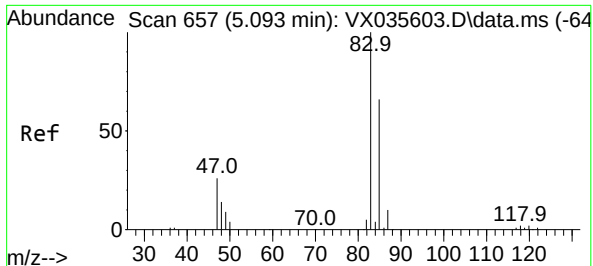
Tgt Ion: 43 Resp: 2436
Ion Ratio Lower Upper
43 100
58 28.9 24.7 37.1



#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.036 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





#30

Chloroform

Concen: 0.201 ug/l

RT: 5.104 min Scan# 6

Delta R.T. 0.011 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

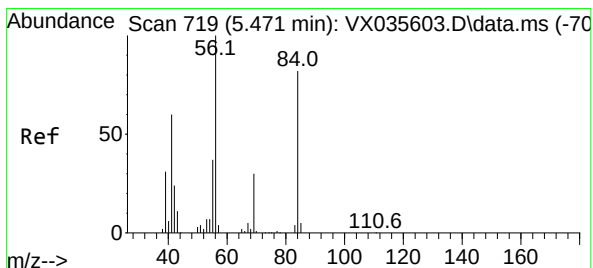
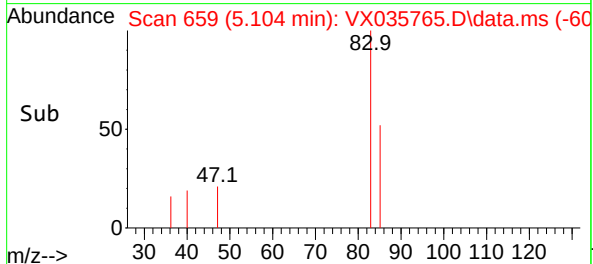
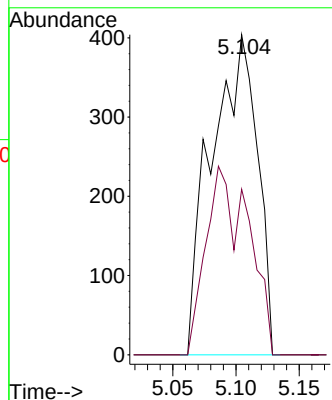
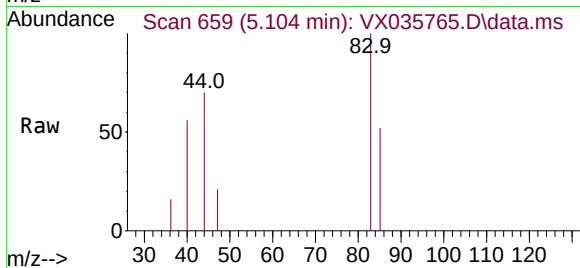
FSND-PRO-05-91-0512023

Tgt Ion: 83 Resp: 1017

Ion Ratio Lower Upper

83 100

85 51.7 50.6 76.0



#31

Cyclohexane

Concen: 1.316 ug/l

RT: 5.543 min Scan# 731

Delta R.T. 0.072 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

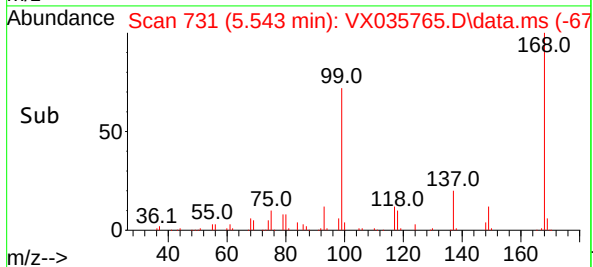
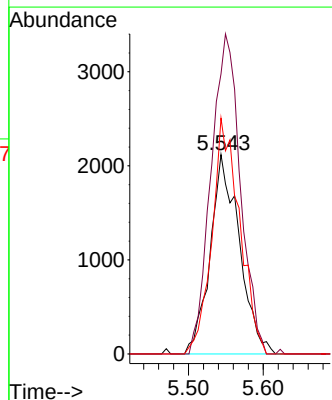
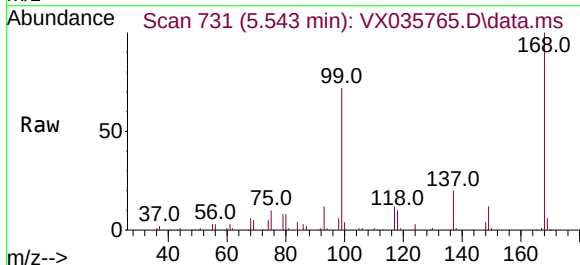
Tgt Ion: 56 Resp: 5740

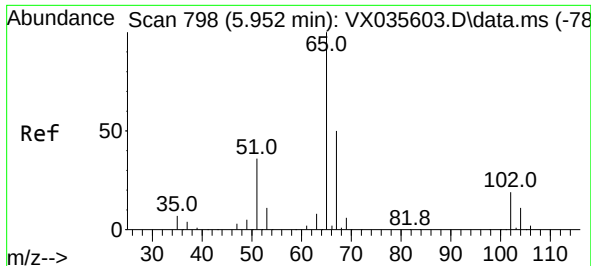
Ion Ratio Lower Upper

56 100

69 140.4 23.7 35.5#

84 118.3 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 51.738 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

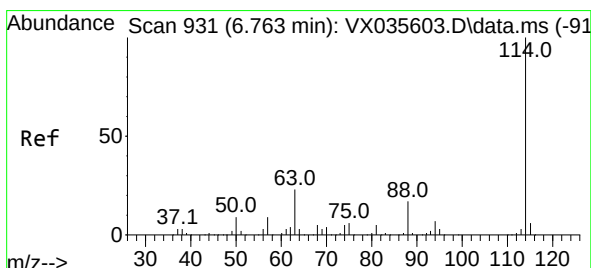
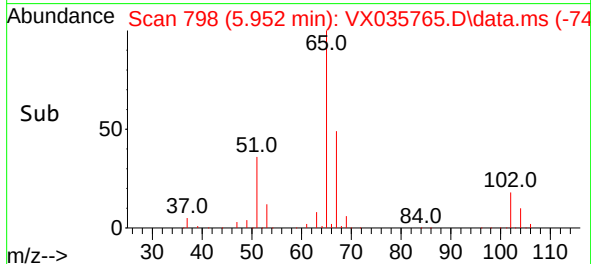
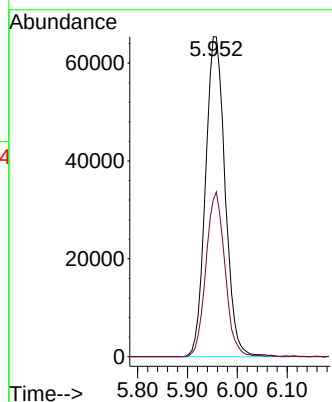
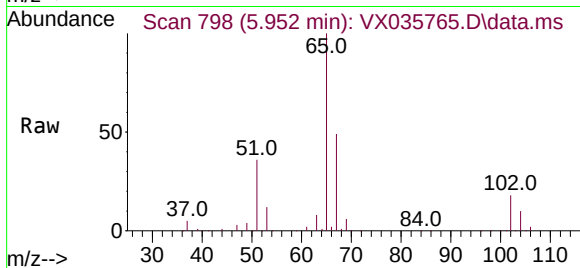
FSND-PRO-05-91-0512023

Tgt Ion: 65 Resp: 178578

Ion Ratio Lower Upper

65 100

67 49.8 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: VX035765.D

Acq: 19 May 2023 17:04

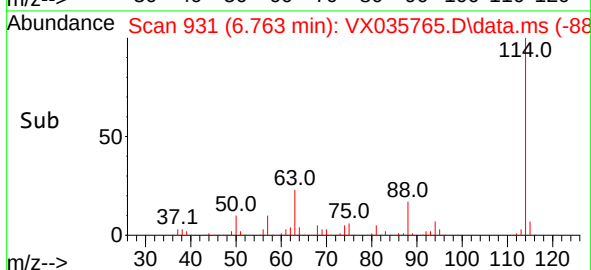
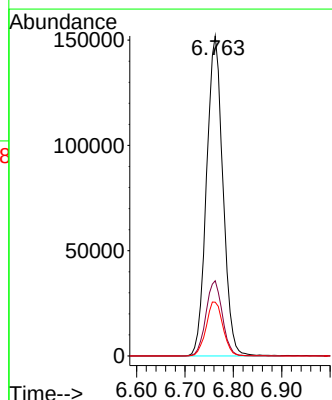
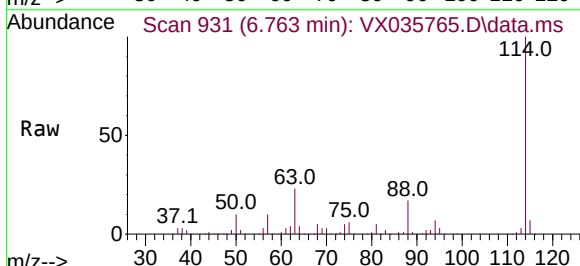
Tgt Ion: 114 Resp: 357116

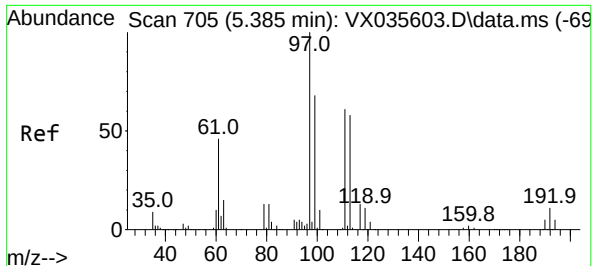
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.550 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035765.D

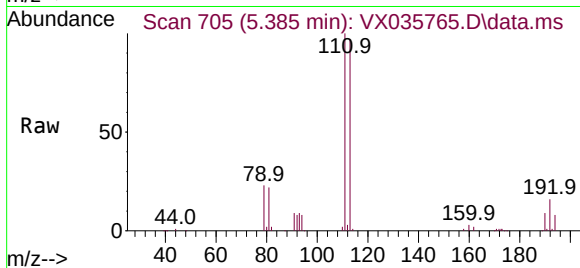
Acq: 19 May 2023 17:04

Instrument :

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ClientSampleId :

FSND-PRO-05-91-0512023



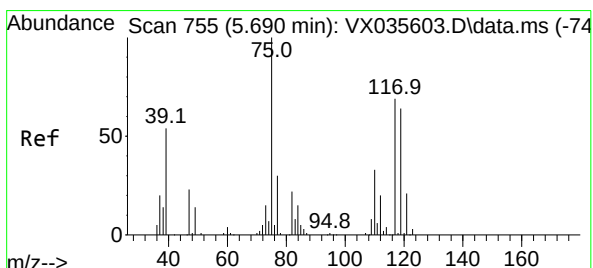
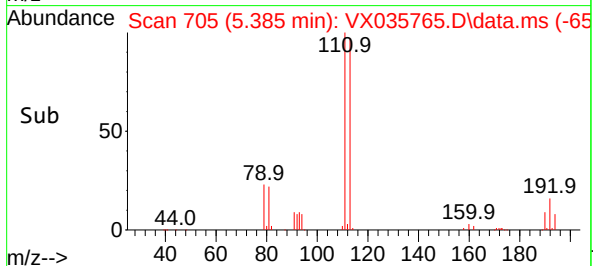
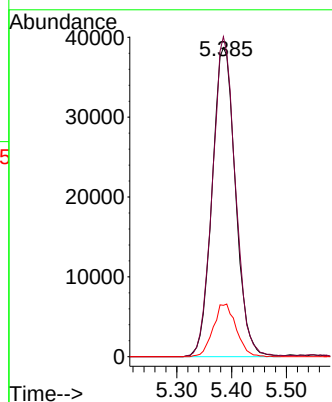
Tgt Ion:113 Resp: 114518

Ion Ratio Lower Upper

113 100

111 101.7 83.7 125.5

192 16.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.996 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

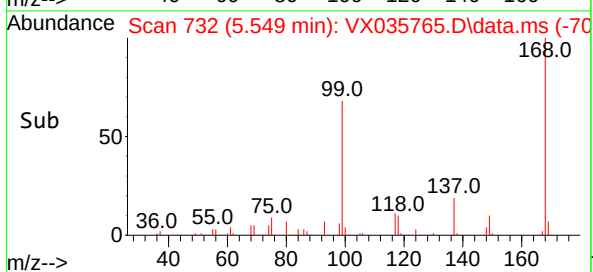
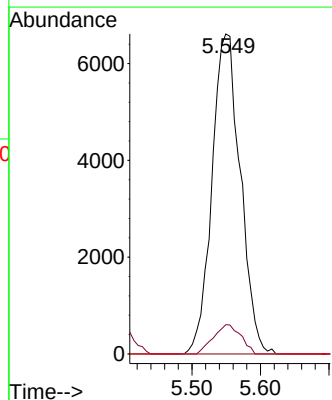
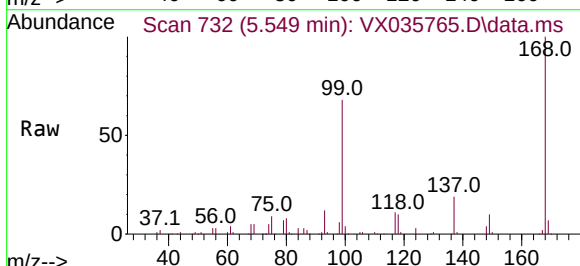
Tgt Ion: 75 Resp: 18993

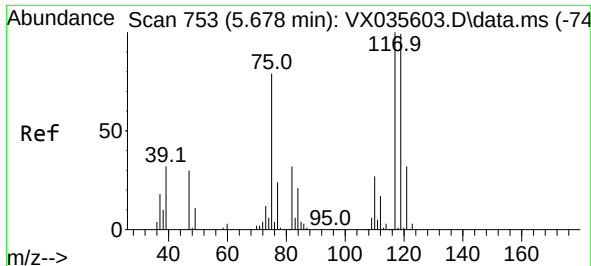
Ion Ratio Lower Upper

75 100

110 8.8 17.5 52.5#

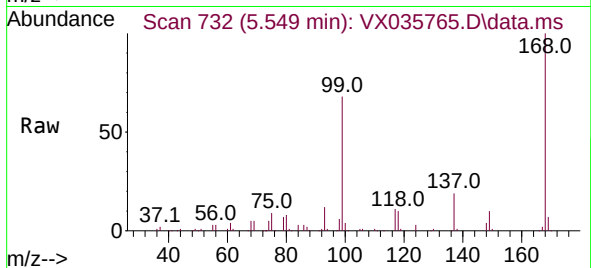
77 0.0 24.3 36.5#



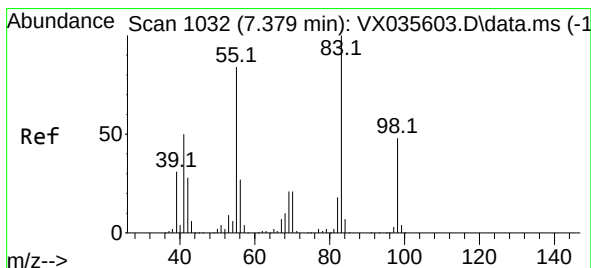
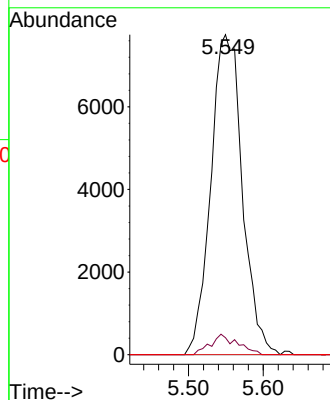
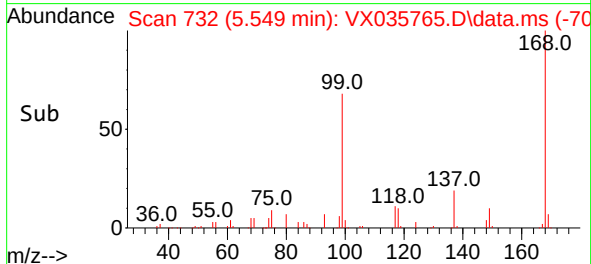


#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023

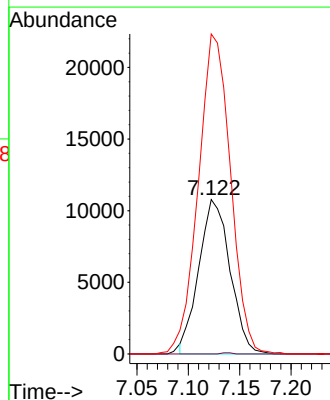
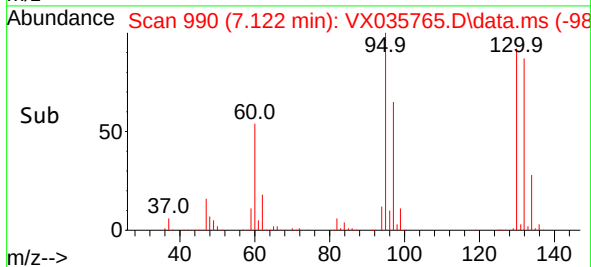
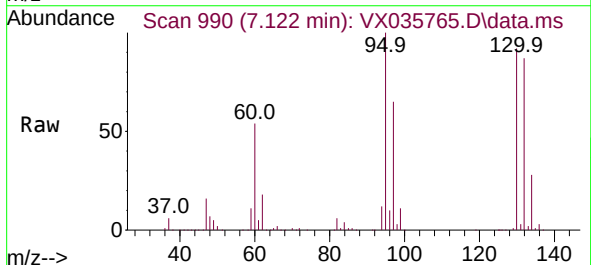


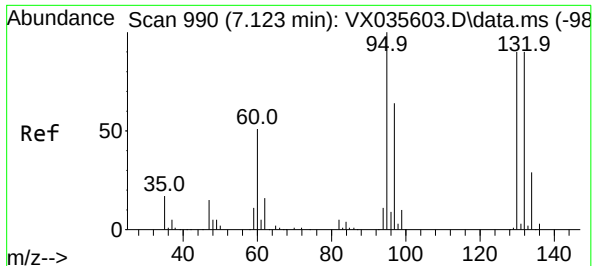
Tgt Ion:117 Resp: 22678
Ion Ratio Lower Upper
117 100
119 5.3 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 5.089 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.257 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Tgt Ion: 83 Resp: 22773
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 206.3 40.4 60.6#





#44

Trichloroethene

Concen: 635.555 ug/l

RT: 7.128 min Scan# 990

Delta R.T. 0.005 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

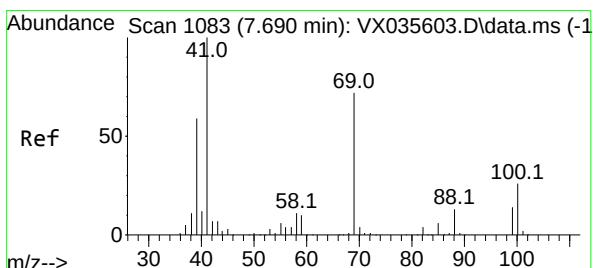
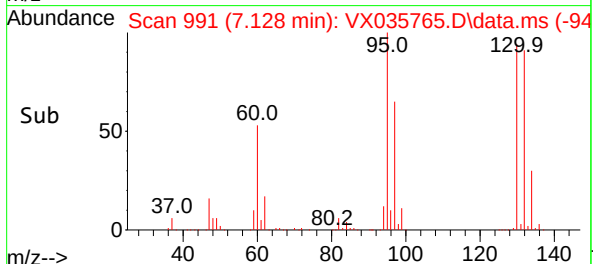
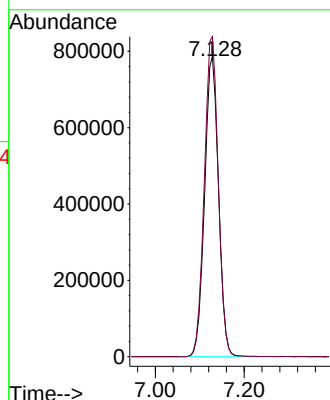
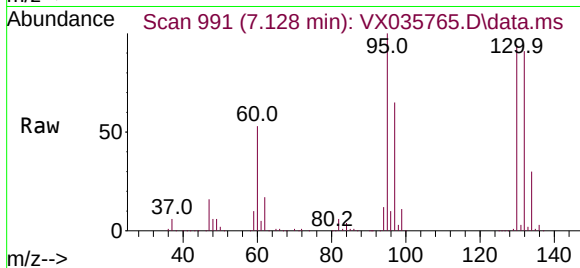
FSND-PRO-05-91-0512023

Tgt Ion:130 Resp: 1713828

Ion Ratio Lower Upper

130 100

95 106.6 0.0 198.4



#48

Methyl methacrylate

Concen: 0.440 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.110 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

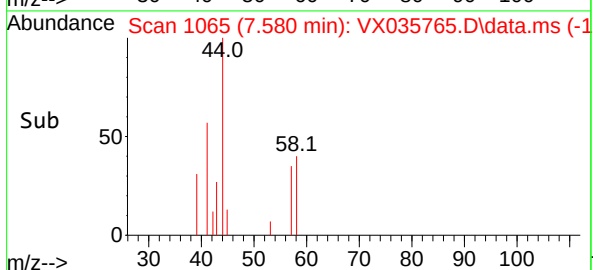
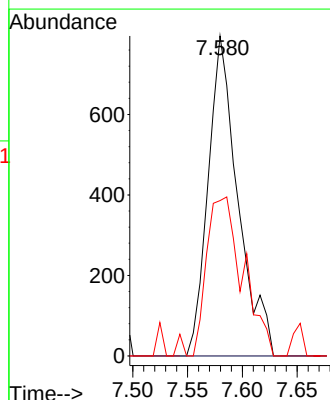
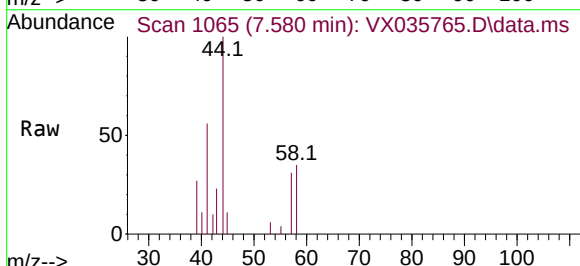
Tgt Ion: 41 Resp: 1503

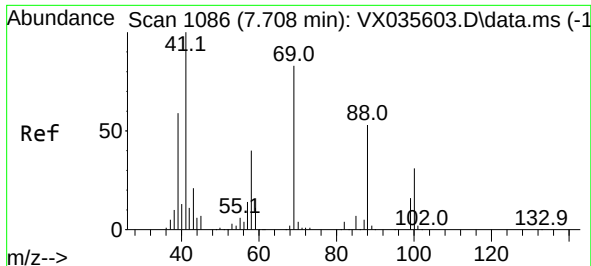
Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 60.3 47.7 71.5





#49

1,4-Dioxane

Concen: 3.585 ug/l

RT: 7.750 min Scan# 1086

Delta R.T. 0.042 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-05-91-0512023

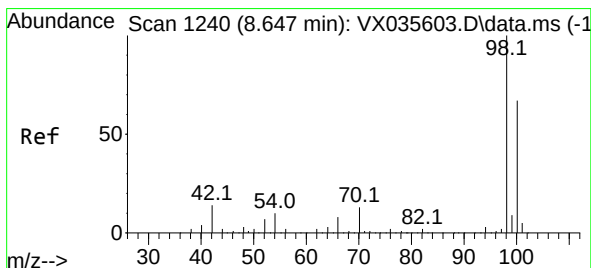
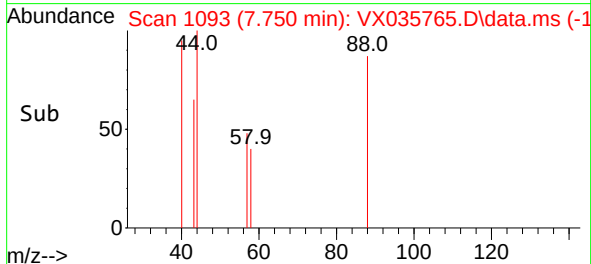
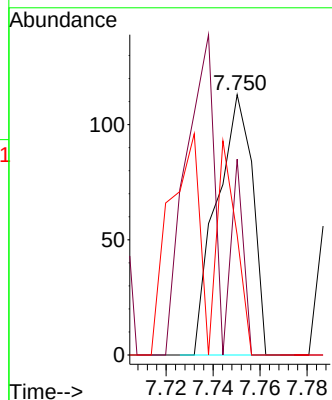
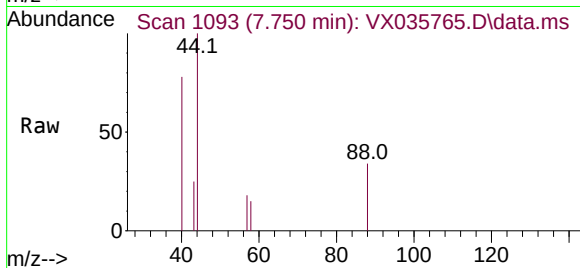
Tgt Ion: 88 Resp: 120

Ion Ratio Lower Upper

88 100

43 122.5 27.7 41.5#

58 70.8 56.8 85.2



#50

Toluene-d8

Concen: 47.242 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.001 min

Lab File: VX035765.D

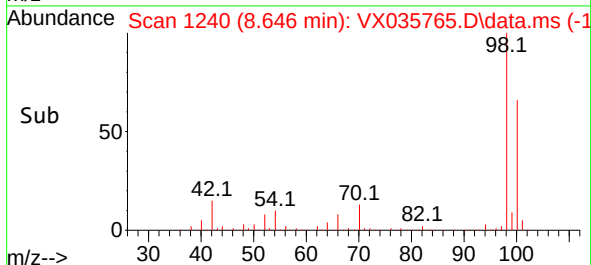
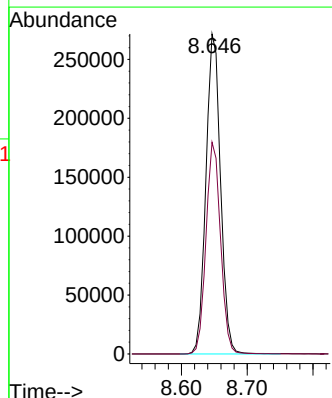
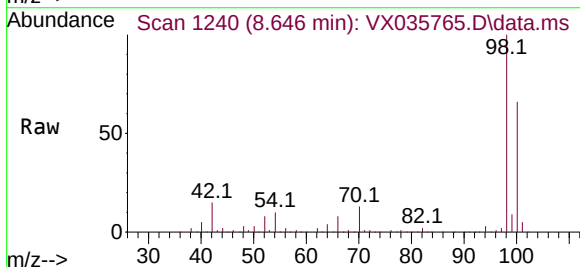
Acq: 19 May 2023 17:04

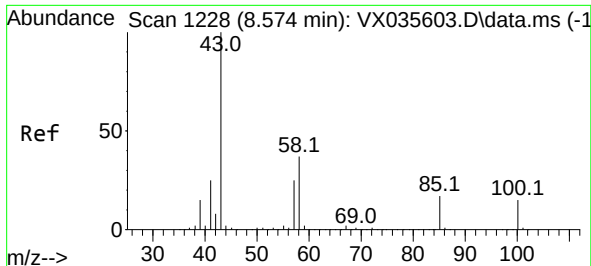
Tgt Ion: 98 Resp: 420315

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

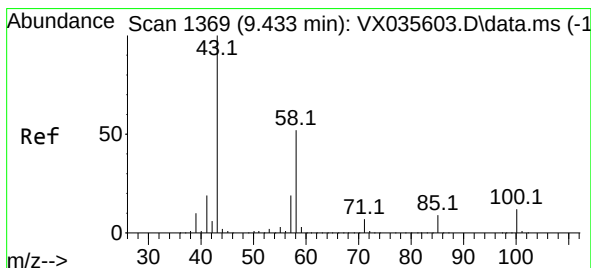
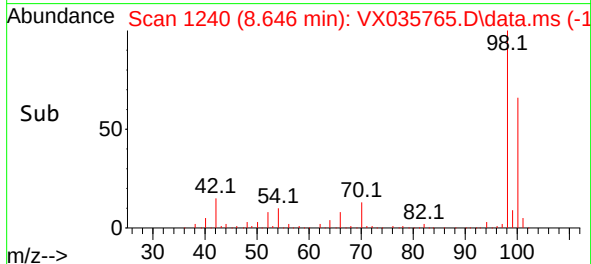
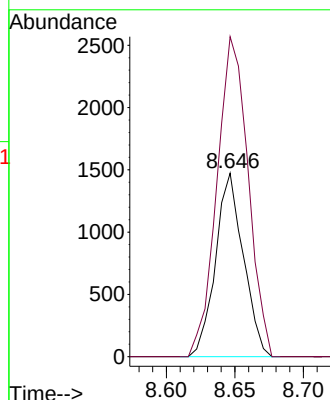
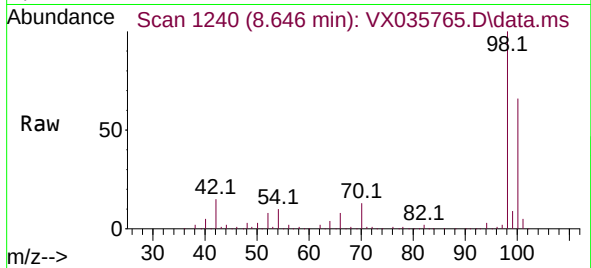




#51
4-Methyl-2-Pentanone
Concen: 0.522 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.072 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

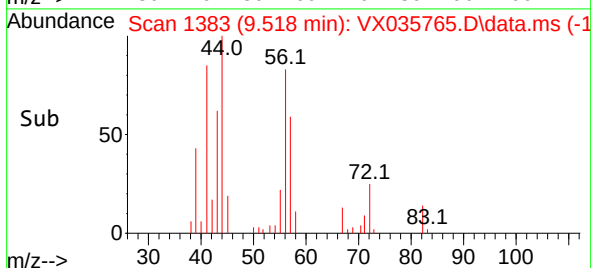
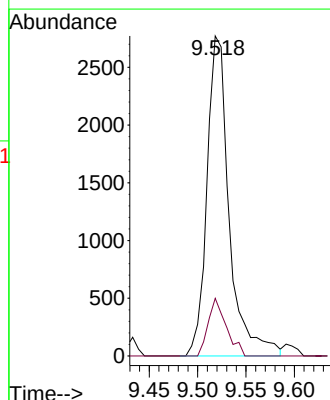
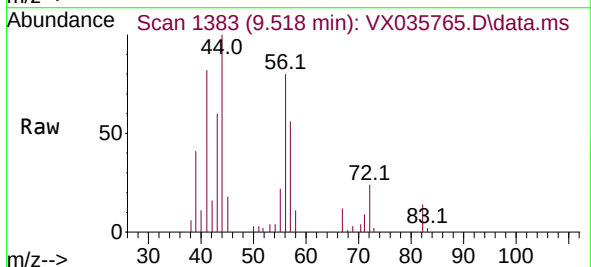
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023

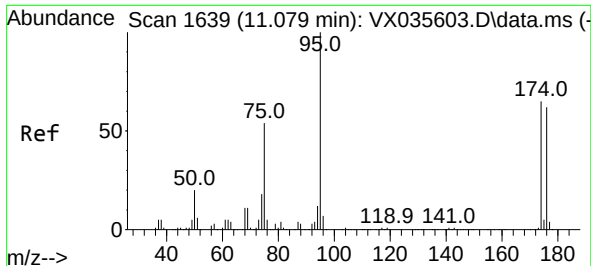
Tgt Ion: 43 Resp: 2081
Ion Ratio Lower Upper
43 100
58 195.3 30.6 46.0#



#59
2-Hexanone
Concen: 1.481 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.085 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Tgt Ion: 43 Resp: 4444
Ion Ratio Lower Upper
43 100
58 14.6 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 44.431 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035765.D

Acq: 19 May 2023 17:04

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-05-91-0512023

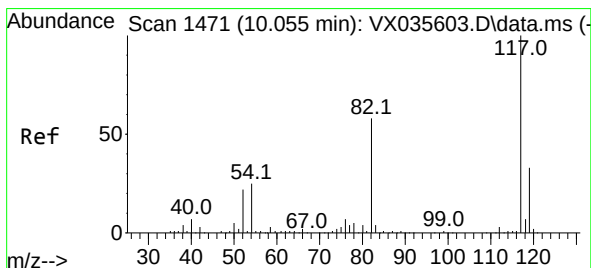
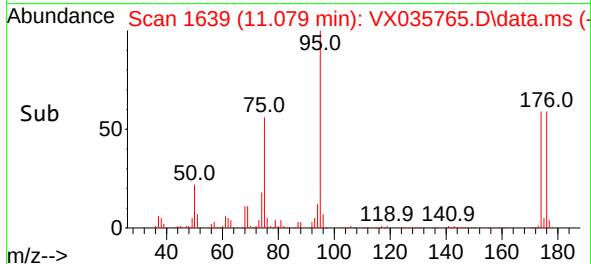
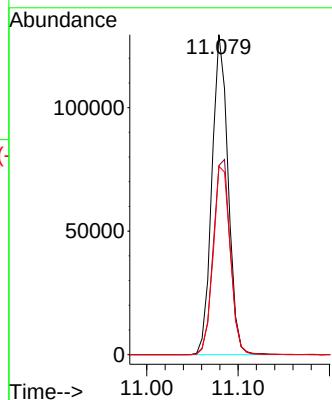
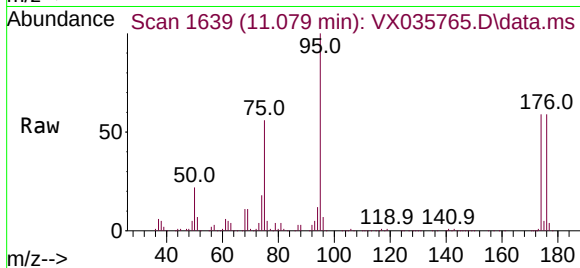
Tgt Ion: 95 Resp: 159168

Ion Ratio Lower Upper

95 100

174 64.1 0.0 147.4

176 62.0 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: VX035765.D

Acq: 19 May 2023 17:04

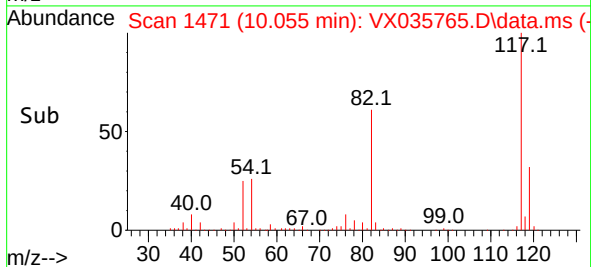
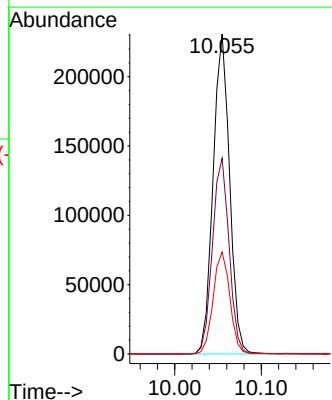
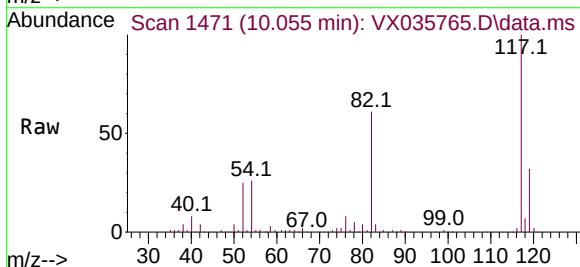
Tgt Ion: 117 Resp: 305664

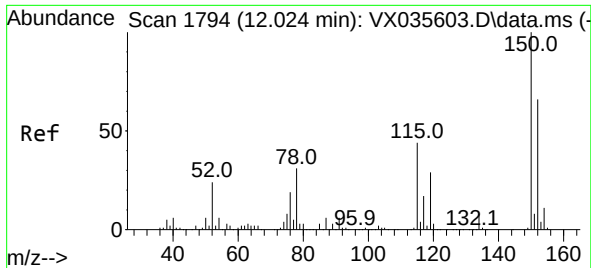
Ion Ratio Lower Upper

117 100

82 61.2 45.0 67.4

119 31.9 26.0 39.0

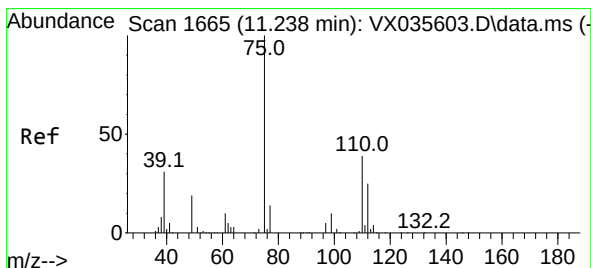
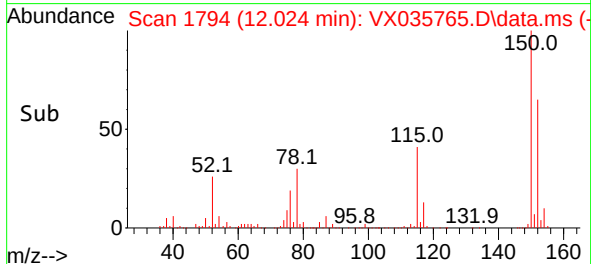
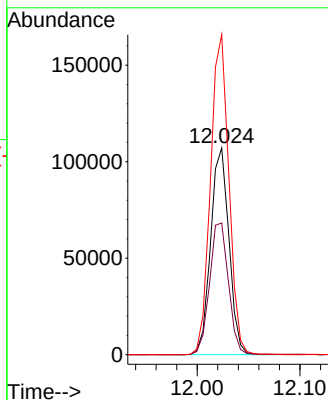
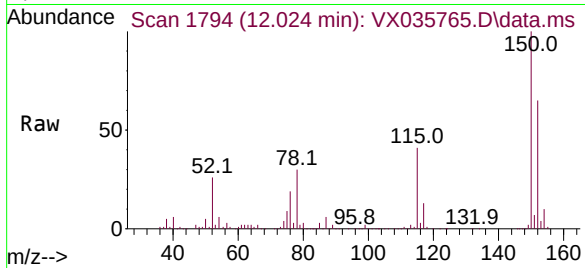




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

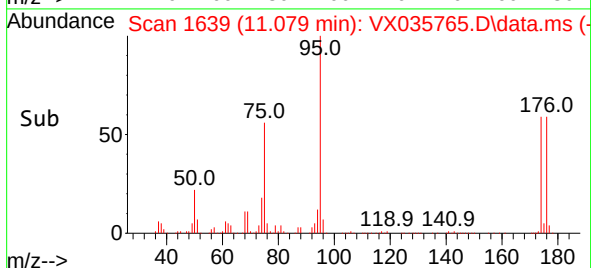
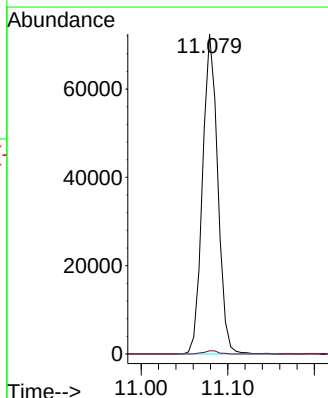
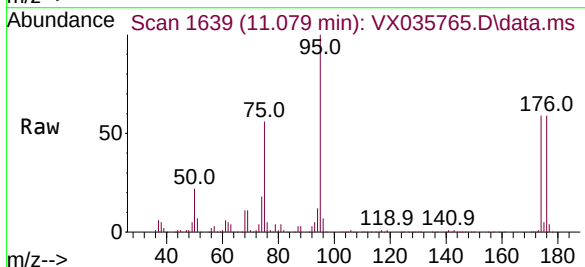
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-05-91-0512023

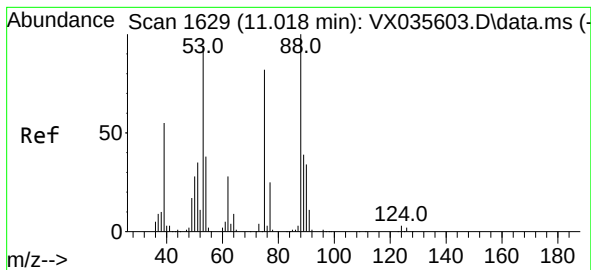
Tgt Ion:152 Resp: 132722
Ion Ratio Lower Upper
152 100
115 66.0 45.0 135.0
150 155.3 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 27.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035765.D
Acq: 19 May 2023 17:04

Tgt Ion: 75 Resp: 88387
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.745 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035765.D
 Acq: 19 May 2023 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-05-91-0512023

Tgt Ion: 75 Resp: 88387
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

