

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035789.D
 Acq On : 22 May 2023 16:58
 Operator : JC/MD
 Sample : 02860-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: May 23 06:13:59 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)

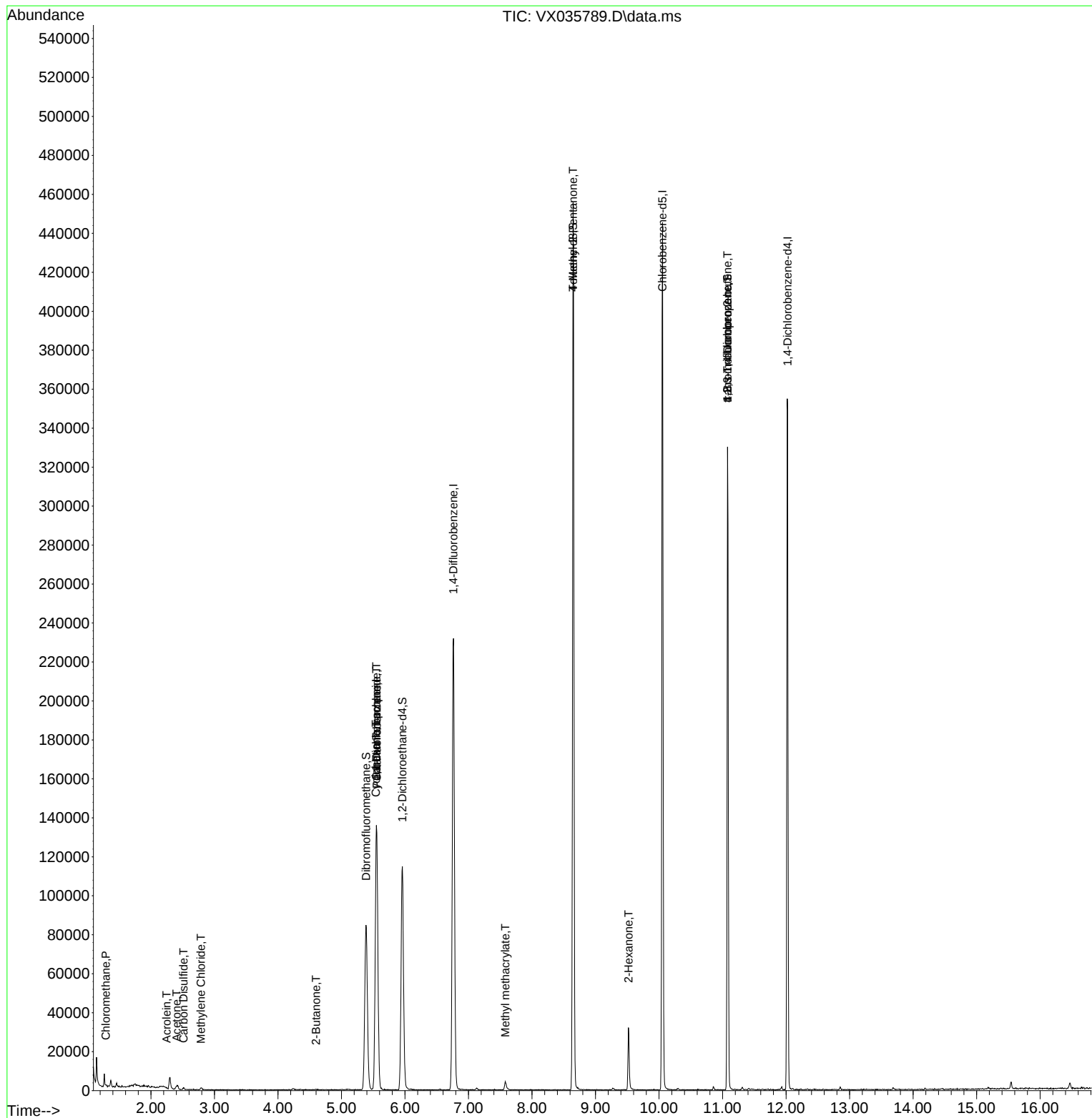
Internal Standards						
1) Pentafluorobenzene	5.556	168	116421	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	219203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	116490	57.356	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.720%	
35) Dibromofluoromethane	5.385	113	73232	49.538	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.080%	
50) Toluene-d8	8.647	98	248952	45.586	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.180%#	
62) 4-Bromofluorobenzene	11.079	95	87416	39.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 79.500%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	375	0.204	ug/l	# 42
13) Acrolein	2.246	56	256	0.602	ug/l	# 81
16) Acetone	2.404	43	2600	2.979	ug/l	# 87
17) Carbon Disulfide	2.514	76	969	0.310	ug/l	# 62
20) Methylene Chloride	2.788	84	488	0.308	ug/l	# 84
25) 2-Butanone	4.599	43	314	0.260	ug/l	# 51
31) Cyclohexane	5.544	56	3276	1.277	ug/l	# 23
36) 1,1-Dichloropropene	5.550	75	11312	4.848	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	13491	6.103	ug/l	# 17
48) Methyl methacrylate	7.580	41	1668	0.796	ug/l	# 42
51) 4-Methyl-2-Pentanone	8.647	43	1493	0.611	ug/l	# 1
59) 2-Hexanone	9.519	43	4544	2.468	ug/l	# 46
76) 1,2,3-Trichloropropane	11.079	75	48295	29.370	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	48295	94.656	ug/l	# 8

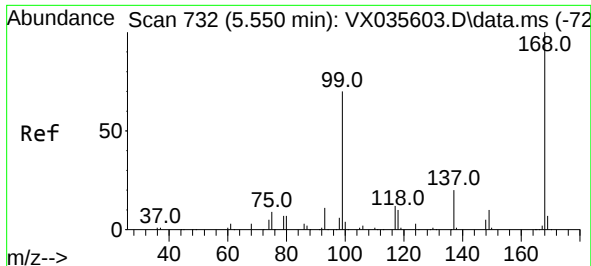
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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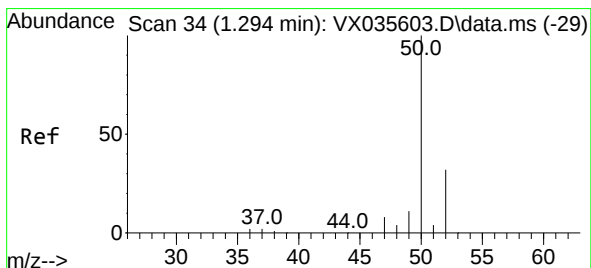
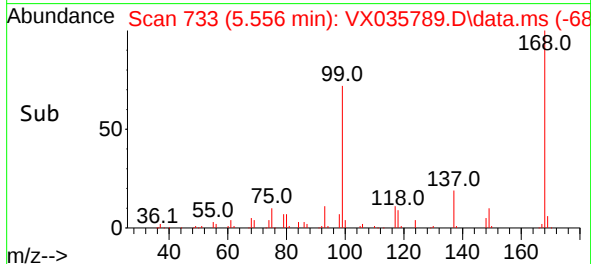
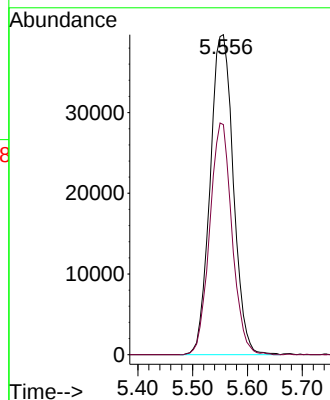
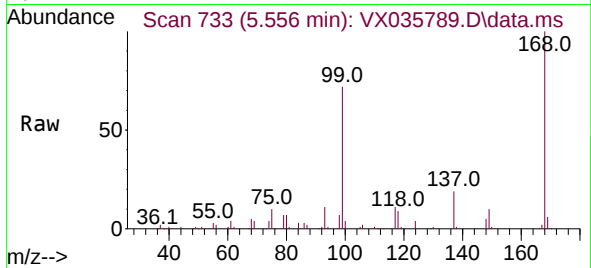




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

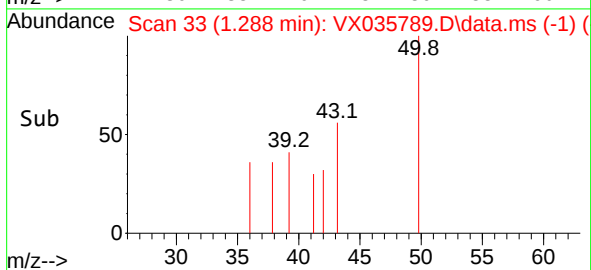
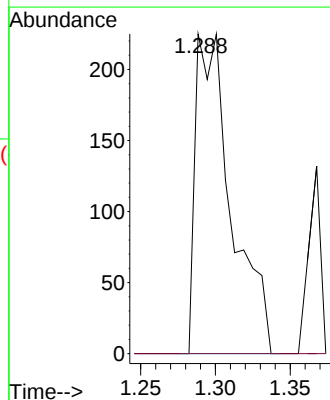
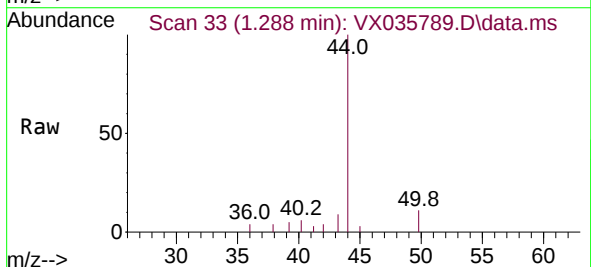
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023RE

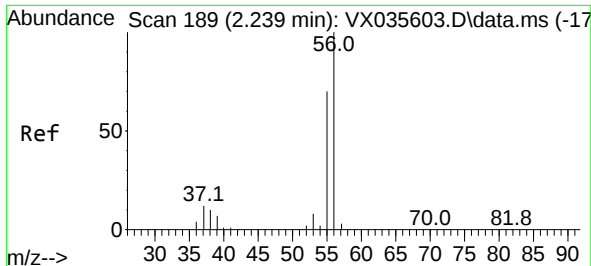
Tgt Ion:168 Resp: 116421
Ion Ratio Lower Upper
168 100
99 71.9 45.7 68.5#



#3
Chloromethane
Concen: 0.204 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion: 50 Resp: 375
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

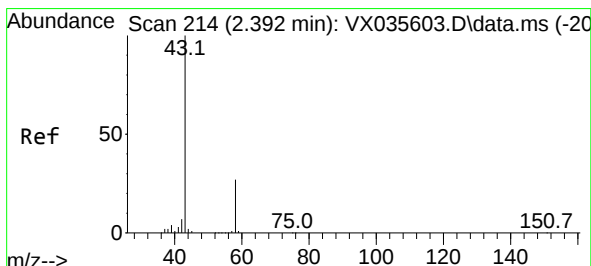
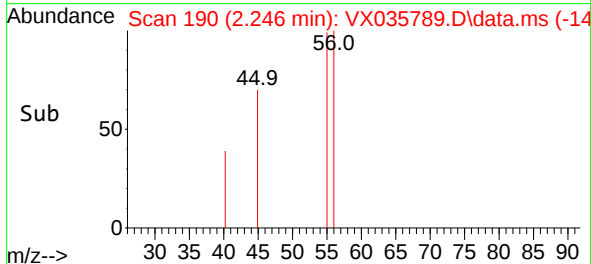
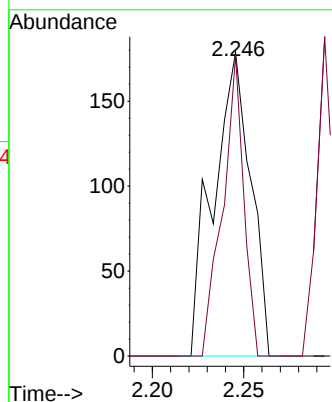
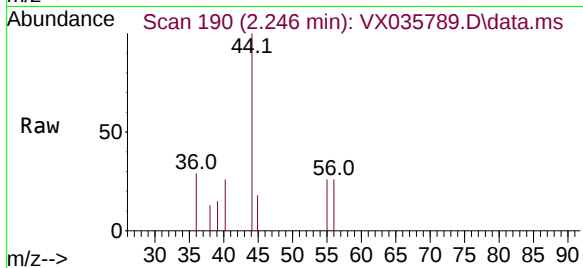




#13
Acrolein
Concen: 0.602 ug/l
RT: 2.246 min Scan# 189
Delta R.T. 0.007 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

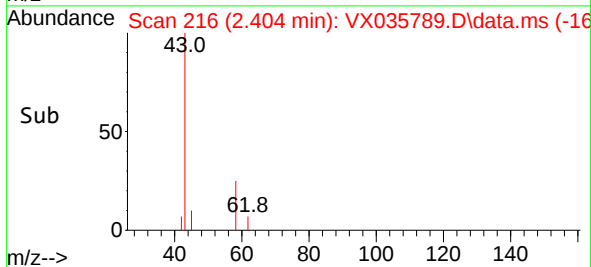
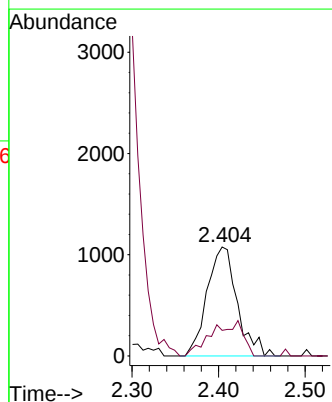
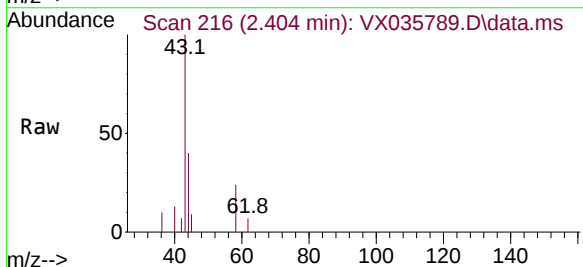
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023RE

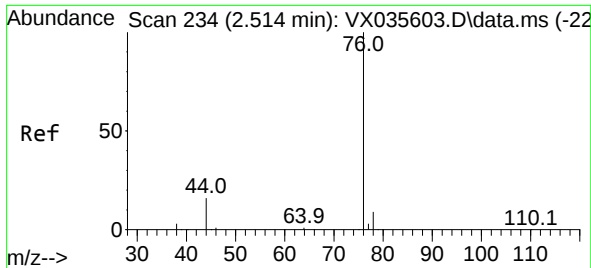
Tgt Ion: 56 Resp: 256
Ion Ratio Lower Upper
56 100
55 55.5 56.6 85.0#



#16
Acetone
Concen: 2.979 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 23.5 24.7 37.1#





#17

Carbon Disulfide

Concen: 0.310 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

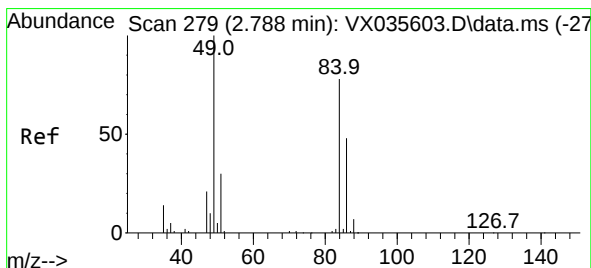
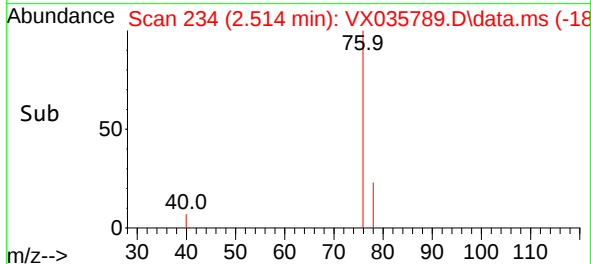
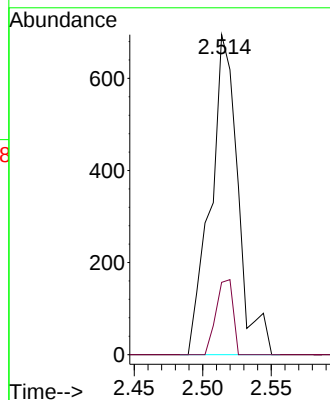
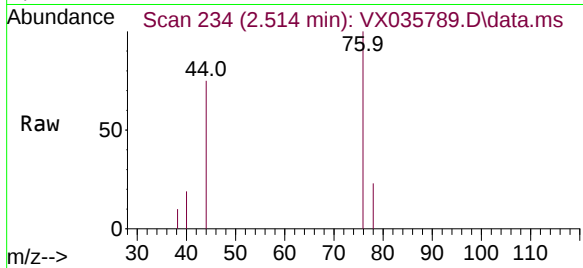
FSND-PRO-10-151-05152023RE

Tgt Ion: 76 Resp: 969

Ion Ratio Lower Upper

76 100

78 22.6 7.2 10.8#



#20

Methylene Chloride

Concen: 0.308 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

Tgt Ion: 84 Resp: 488

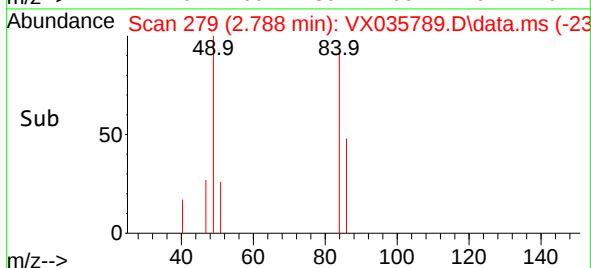
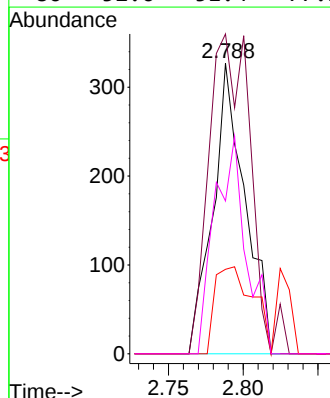
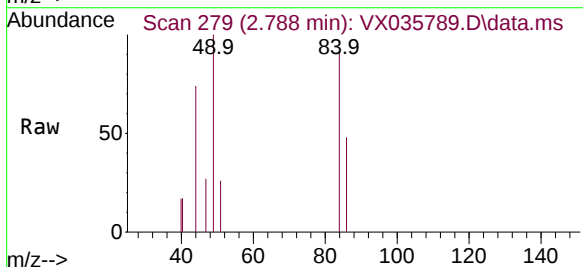
Ion Ratio Lower Upper

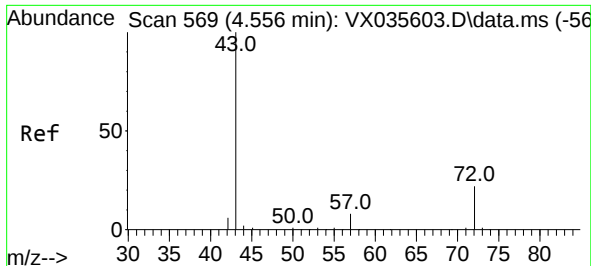
84 100

49 110.1 103.8 155.8

51 29.1 31.8 47.8#

86 52.6 51.4 77.2





#25

2-Butanone

Concen: 0.260 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.043 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

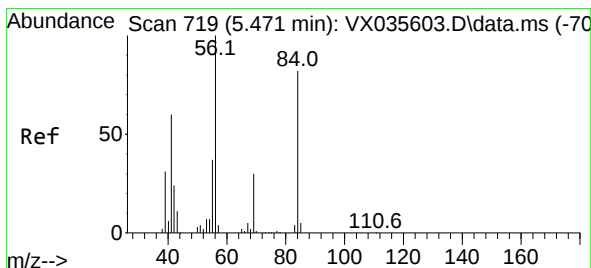
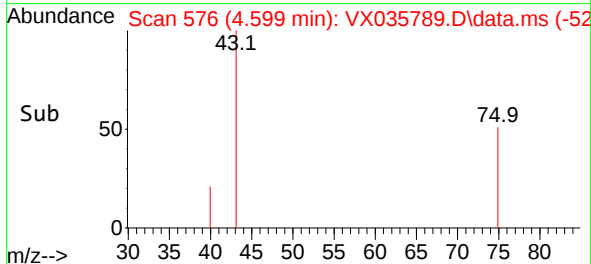
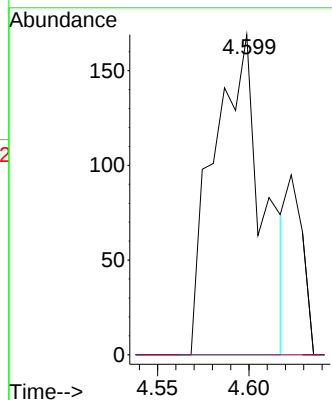
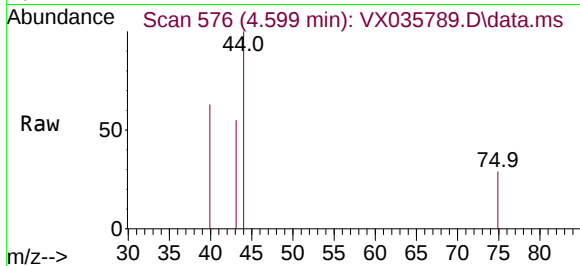
FSND-PRO-10-151-05152023RE

Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#31

Cyclohexane

Concen: 1.277 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

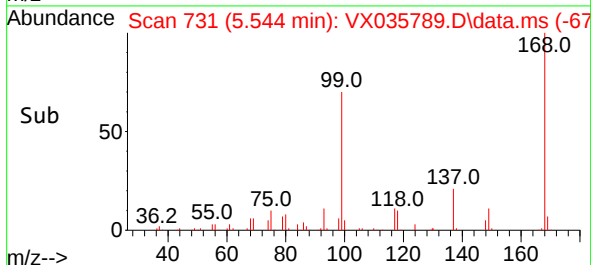
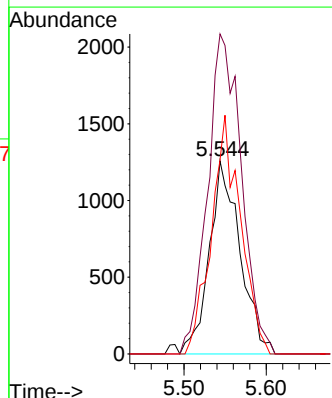
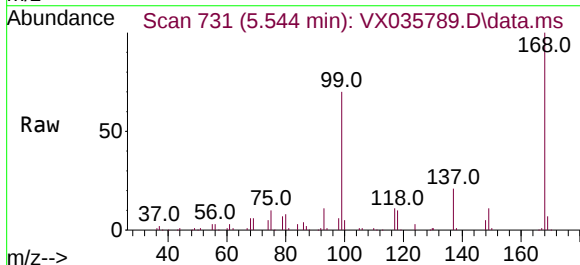
Tgt Ion: 56 Resp: 3276

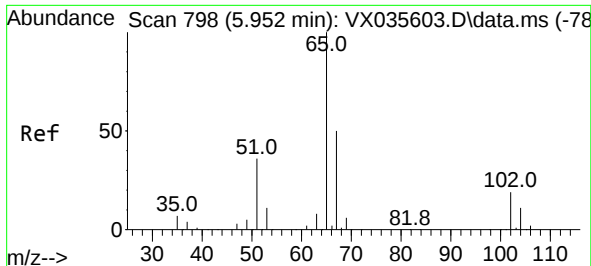
Ion Ratio Lower Upper

56 100

69 165.8 23.7 35.5#

84 100.6 68.5 102.7

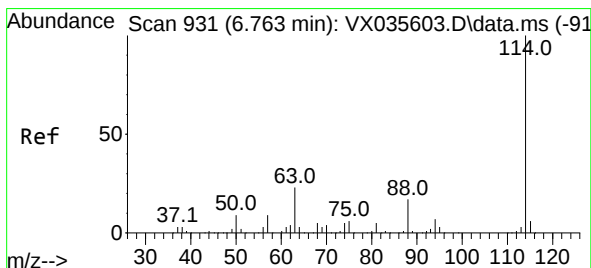
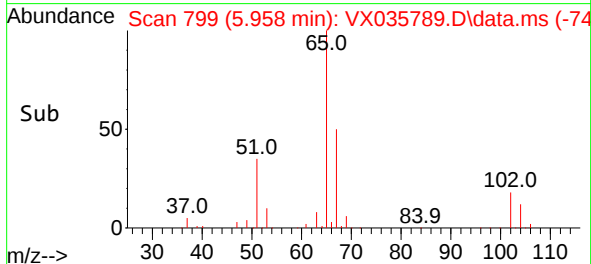
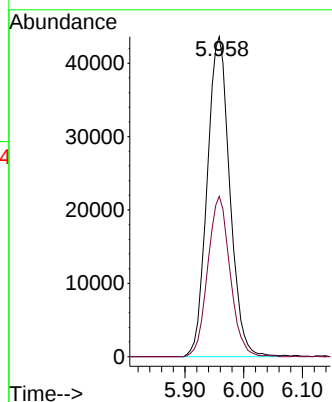
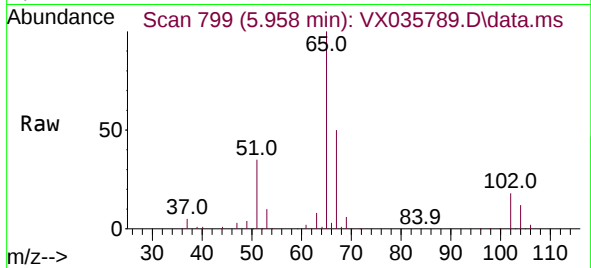




#33
 1,2-Dichloroethane-d4
 Concen: 57.356 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX035789.D
 Acq: 22 May 2023 16:58

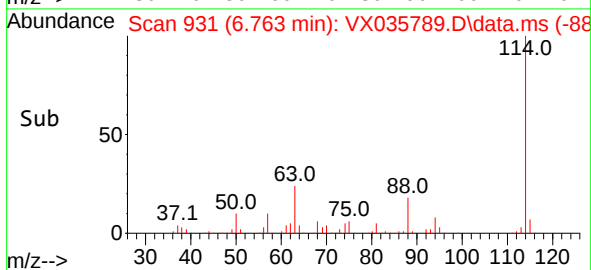
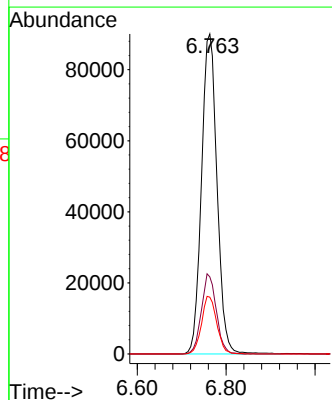
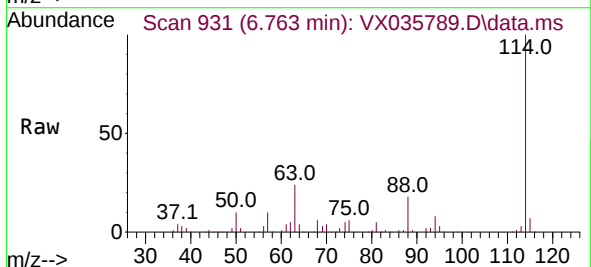
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-10-151-05152023RE

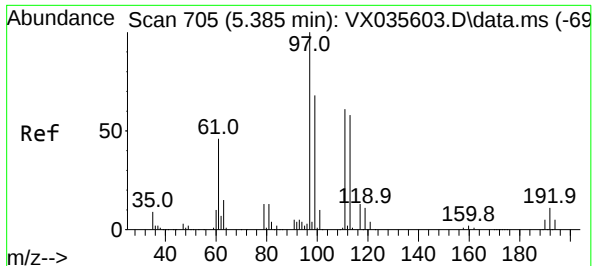
Tgt Ion: 65 Resp: 116490
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035789.D
 Acq: 22 May 2023 16:58

Tgt Ion: 114 Resp: 219203
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 42.2
 88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.538 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035789.D

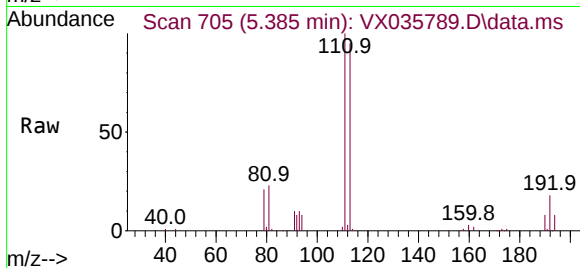
Acq: 22 May 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-10-151-05152023RE



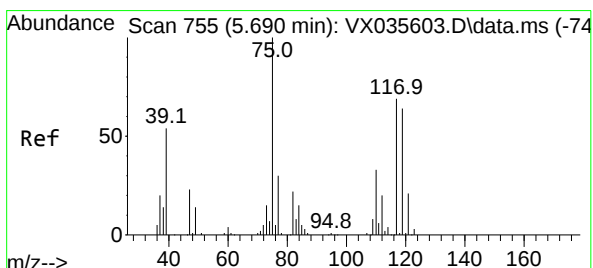
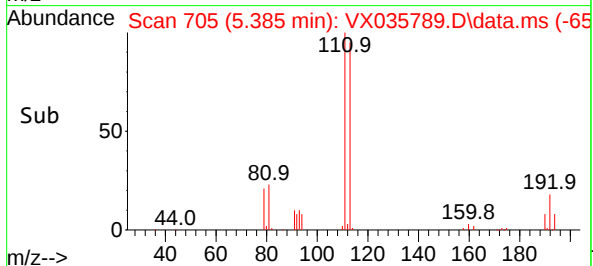
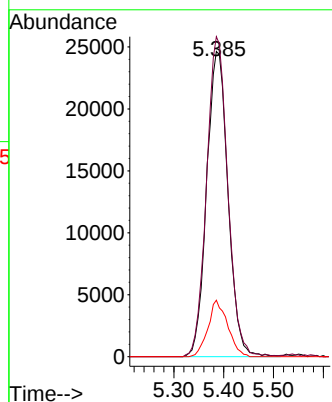
Tgt Ion:113 Resp: 73232

Ion Ratio Lower Upper

113 100

111 104.3 83.7 125.5

192 17.1 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.848 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

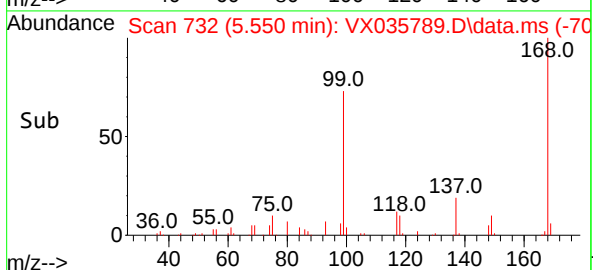
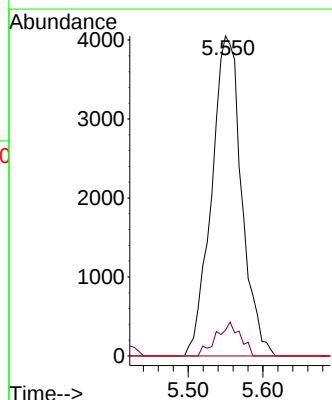
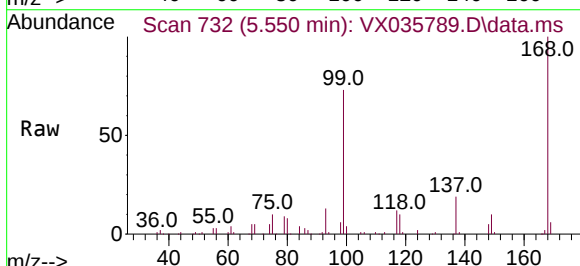
Tgt Ion: 75 Resp: 11312

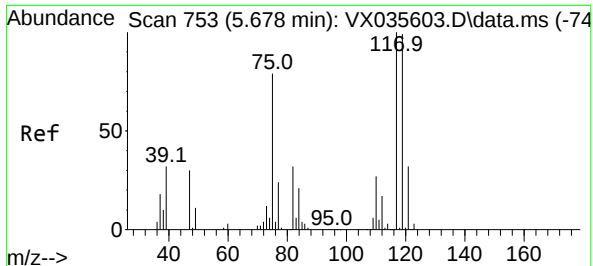
Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

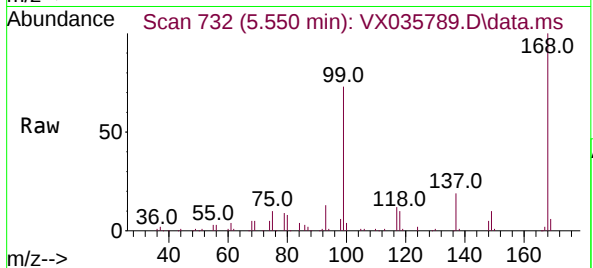
77 0.0 24.3 36.5#



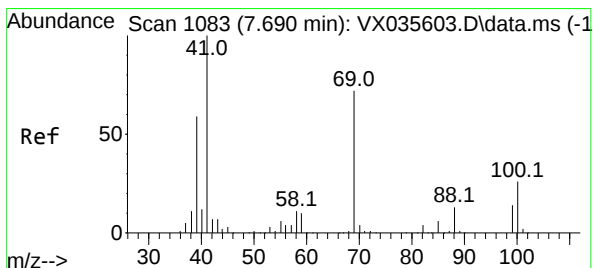
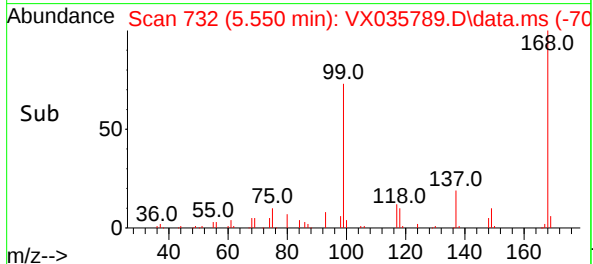
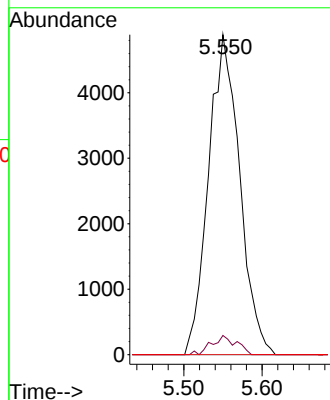


#38
Carbon Tetrachloride
Concen: 6.103 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

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

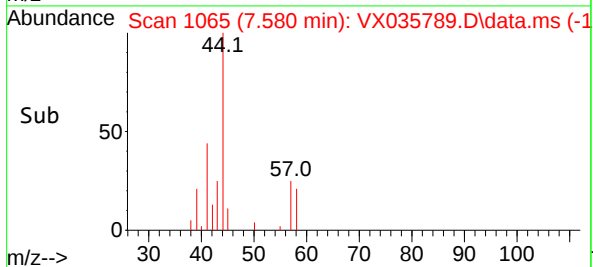
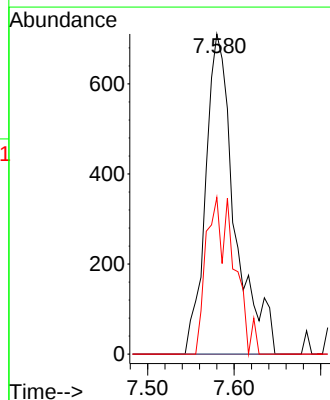
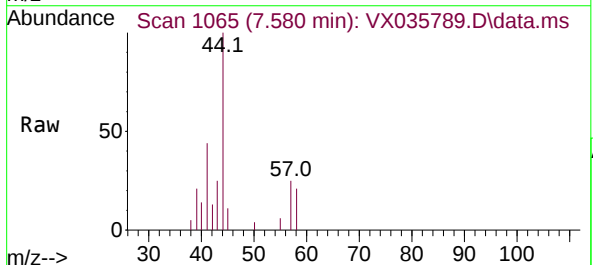


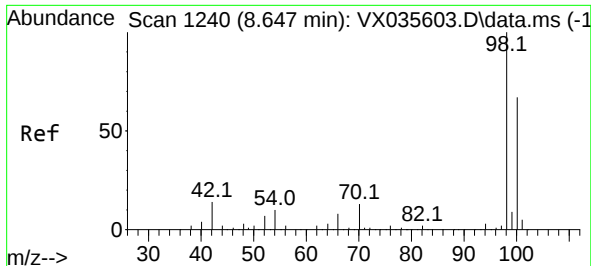
Tgt Ion:117 Resp: 13491
Ion Ratio Lower Upper
117 100
119 6.0 76.6 114.8#
121 0.0 23.8 35.6#



#48
Methyl methacrylate
Concen: 0.796 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.110 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion: 41 Resp: 1668
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 47.1 47.7 71.5#

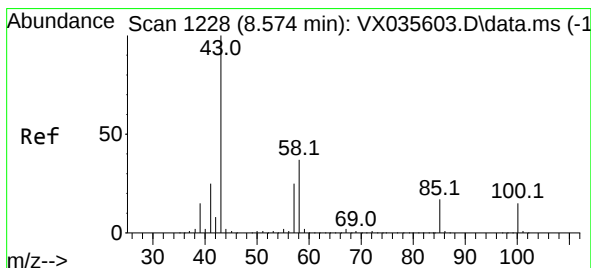
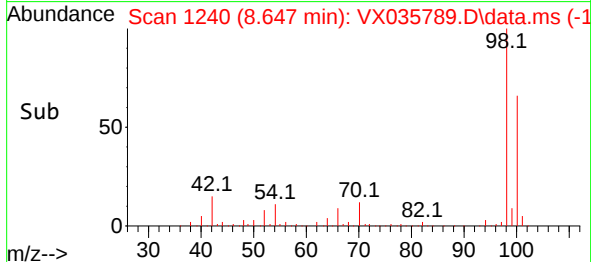
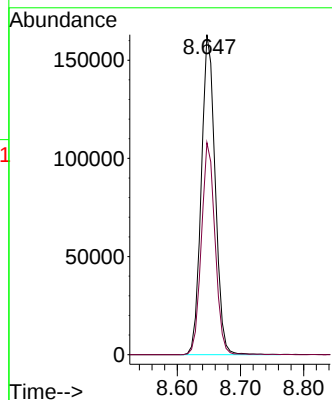
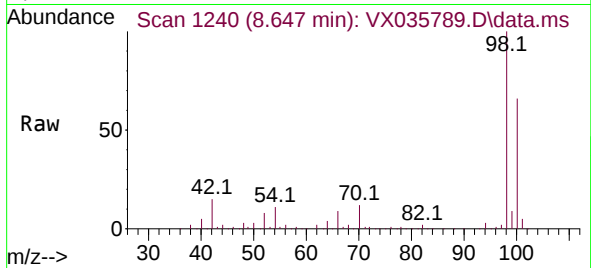




#50
Toluene-d8
Concen: 45.586 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

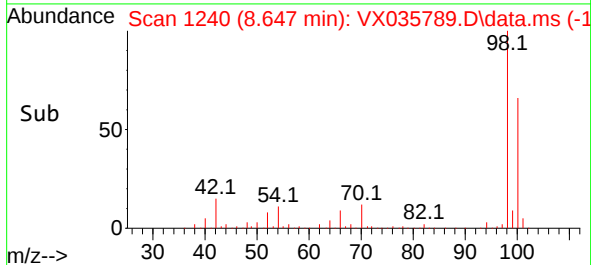
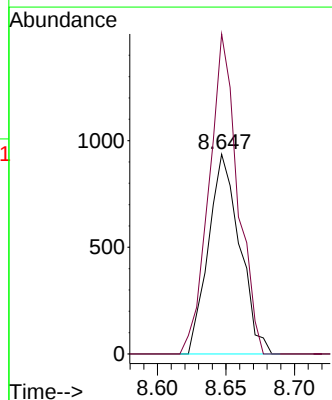
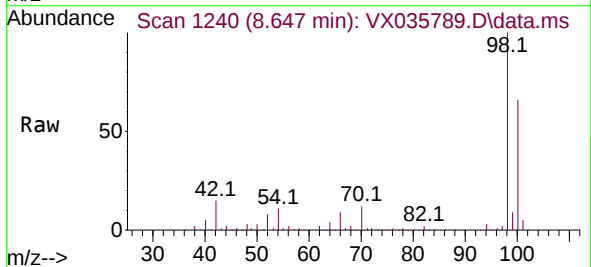
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023RE

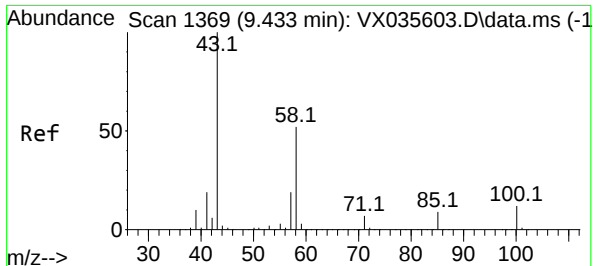
Tgt Ion: 98 Resp: 248952
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.611 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
58 146.5 30.6 46.0#





#59

2-Hexanone

Concen: 2.468 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.086 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

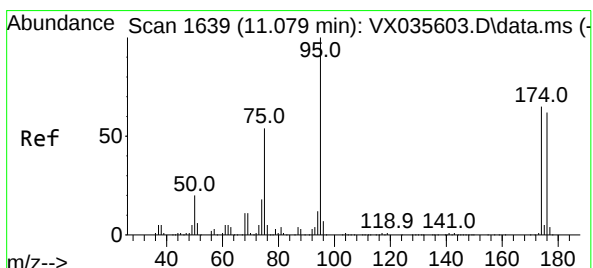
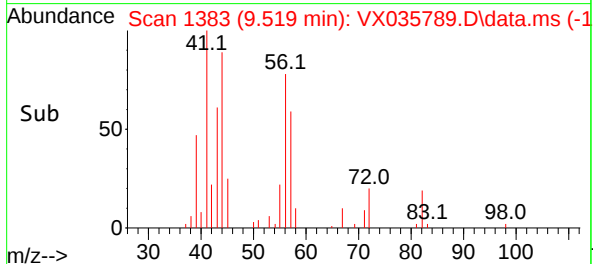
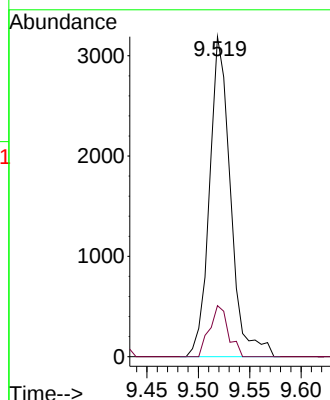
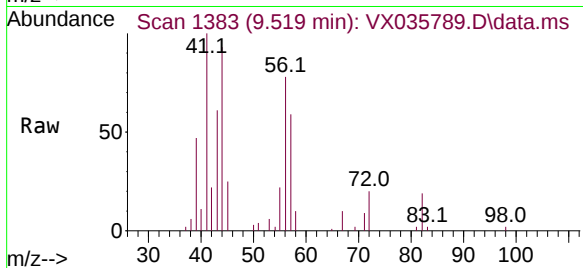
FSND-PRO-10-151-05152023RE

Tgt Ion: 43 Resp: 4544

Ion Ratio Lower Upper

43 100

58 14.2 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 39.754 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035789.D

Acq: 22 May 2023 16:58

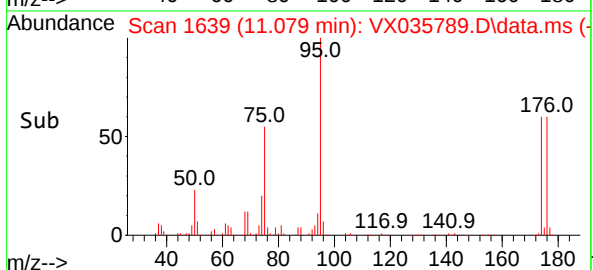
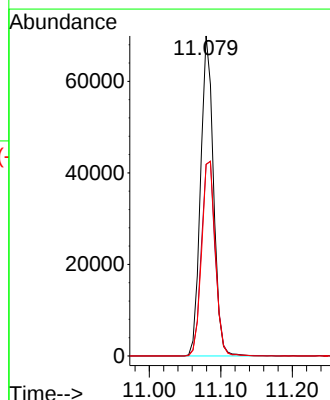
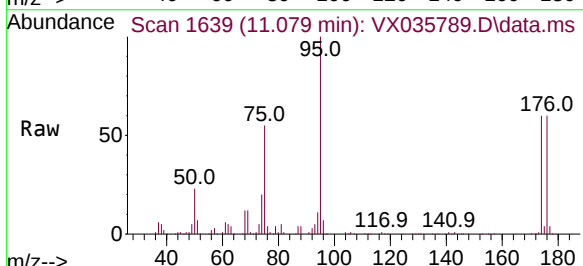
Tgt Ion: 95 Resp: 87416

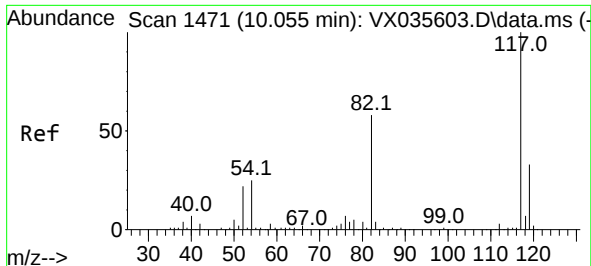
Ion Ratio Lower Upper

95 100

174 65.4 0.0 147.4

176 64.6 0.0 140.6

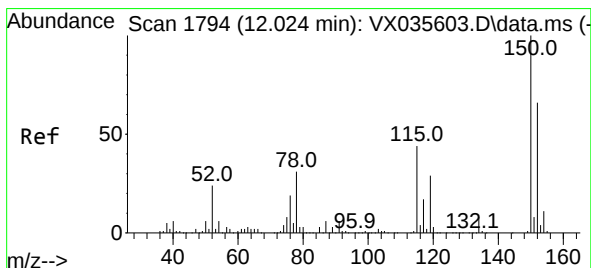
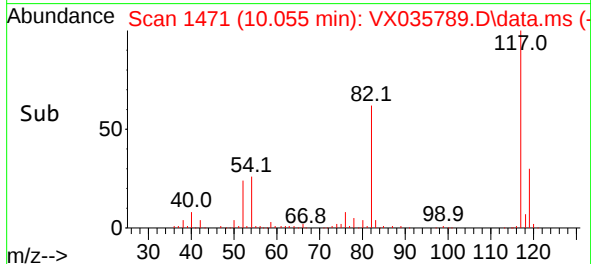
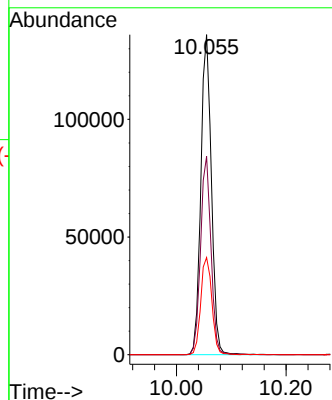
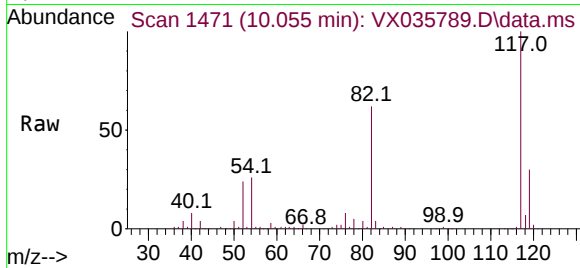




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

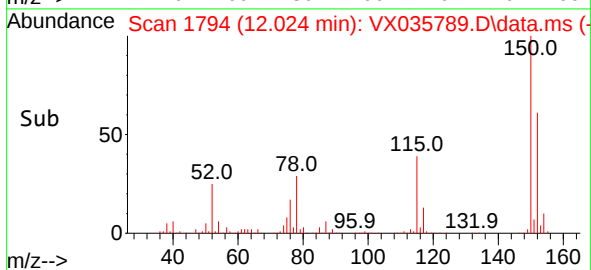
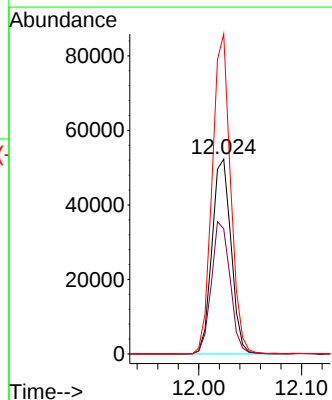
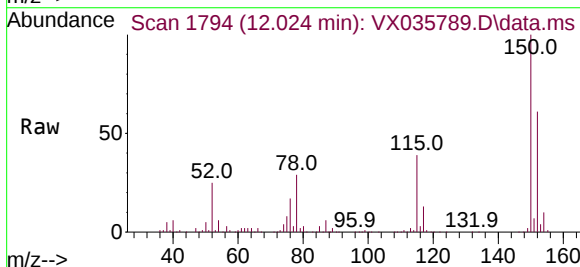
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-10-151-05152023RE

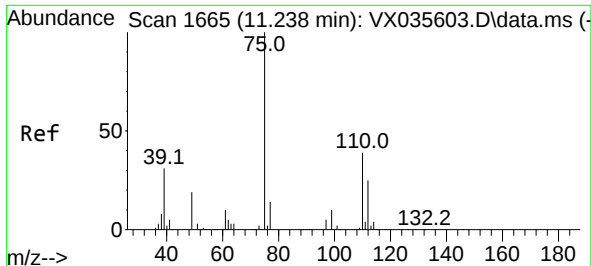
Tgt Ion:117 Resp: 181941
Ion Ratio Lower Upper
117 100
82 62.0 45.0 67.4
119 30.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion:152 Resp: 67225
Ion Ratio Lower Upper
152 100
115 66.8 45.0 135.0
150 158.6 0.0 352.4

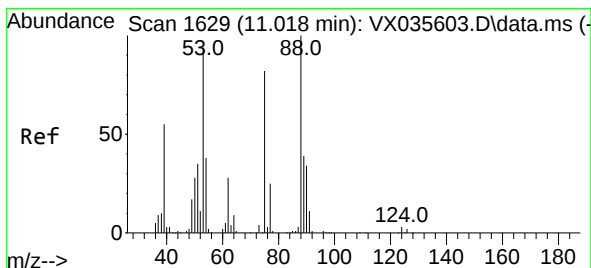
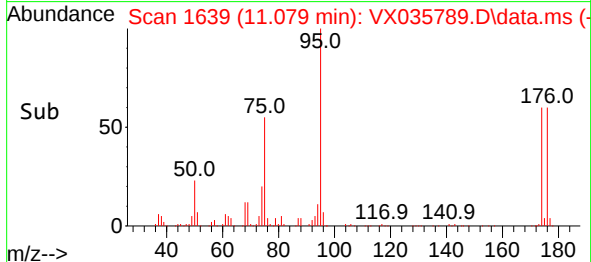
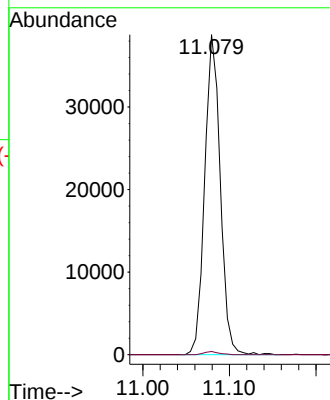
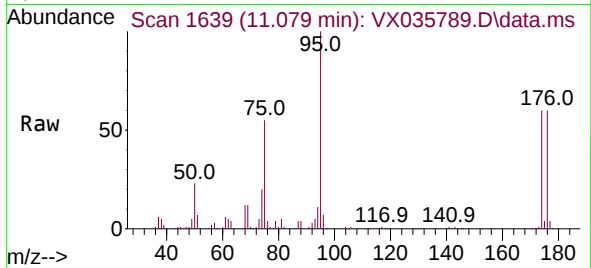




#76
1,2,3-Trichloropropane
Concen: 29.370 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

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

Tgt Ion: 75 Resp: 48295
Ion Ratio Lower Upper
75 100
77 0.9 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.656 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035789.D
Acq: 22 May 2023 16:58

Tgt Ion: 75 Resp: 48295
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

