

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035659.D
 Acq On : 15 May 2023 12:53
 Operator : JC/MD
 Sample : 02751-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-01-70-05052023

Quant Time: May 16 04:57:38 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)

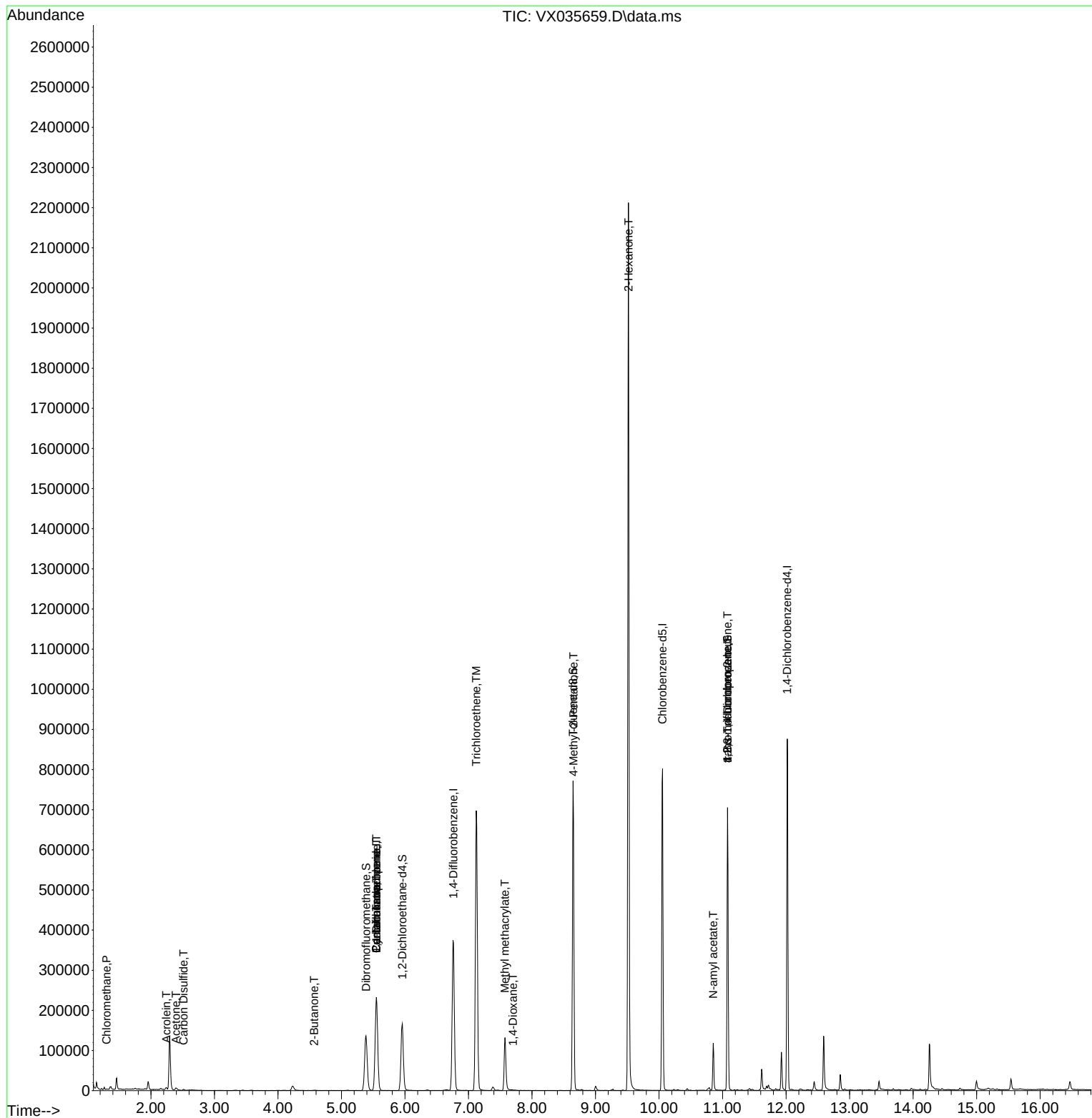
Internal Standards						
1) Pentafluorobenzene	5.550	168	194067	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	359689	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	161103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	167269	49.406	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	98.820%	
35) Dibromofluoromethane	5.385	113	117722	48.531	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.060%	
50) Toluene-d8	8.647	98	434012	48.432	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	96.860%	
62) 4-Bromofluorobenzene	11.079	95	187899	52.076	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	104.160%	
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	645	0.210	ug/l	# 87
13) Acrolein	2.239	56	5063	7.142	ug/l	98
16) Acetone	2.392	43	7649	5.257	ug/l	94
17) Carbon Disulfide	2.514	76	2825	0.542	ug/l	# 94
25) 2-Butanone	4.568	43	579	0.287	ug/l	# 51
31) Cyclohexane	5.550	56	5775	1.350	ug/l	# 22
36) 1,1-Dichloropropene	5.550	75	18206	4.755	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	22993	6.339	ug/l	# 14
44) Trichloroethene	7.123	130	254546	93.720	ug/l	90
48) Methyl methacrylate	7.574	41	38131	11.095	ug/l	# 48
49) 1,4-Dioxane	7.702	88	39	2.512	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.653	43	2607	0.650	ug/l	# 1
59) 2-Hexanone	9.519	43	303672	100.505	ug/l	# 47
74) N-amyl acetate	10.854	43	14675	2.318	ug/l	# 4
76) 1,2,3-Trichloropropane	11.079	75	104844	26.606	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	104844	85.747	ug/l	# 8

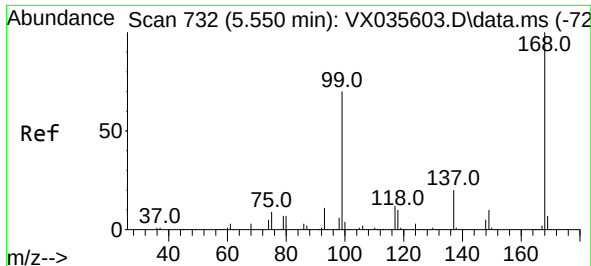
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
Data File : VX035659.D
Acq On : 15 May 2023 12:53
Operator : JC/MD
Sample : 02751-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

Quant Time: May 16 04:57:38 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

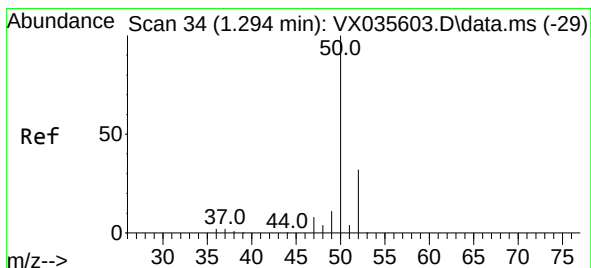
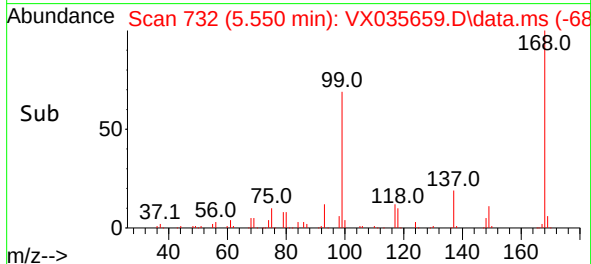
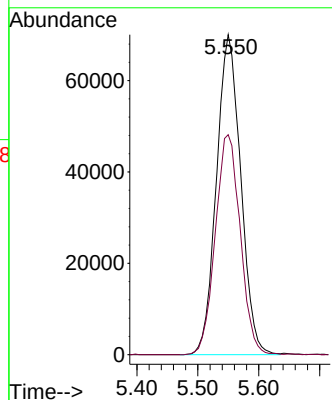
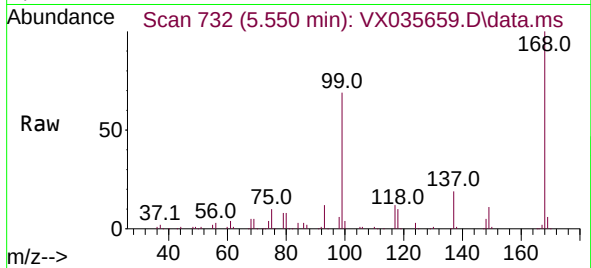




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

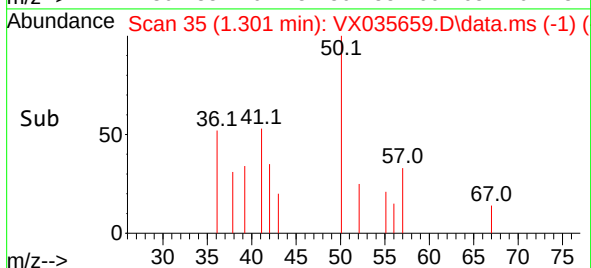
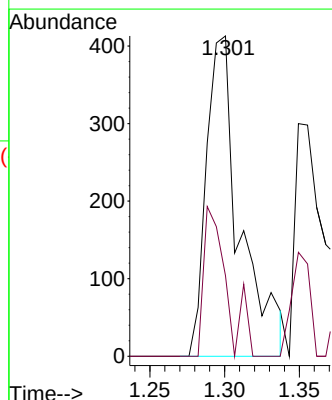
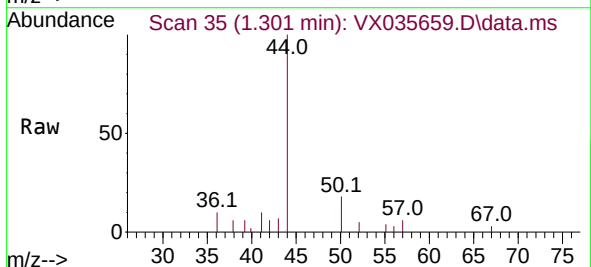
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

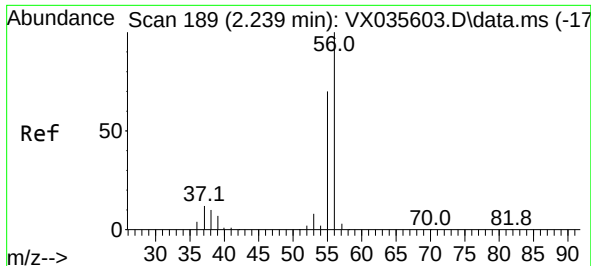
Tgt Ion:168 Resp: 194067
Ion Ratio Lower Upper
168 100
99 68.7 45.7 68.5#



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 50 Resp: 645
Ion Ratio Lower Upper
50 100
52 25.2 25.9 38.9#

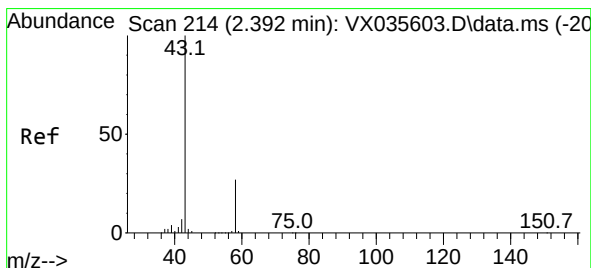
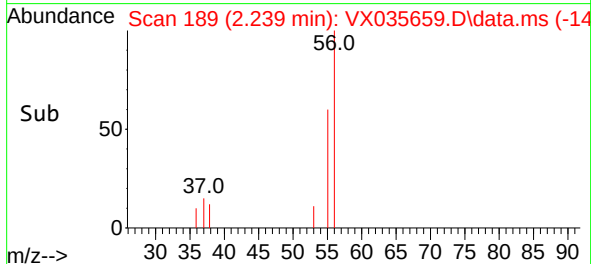
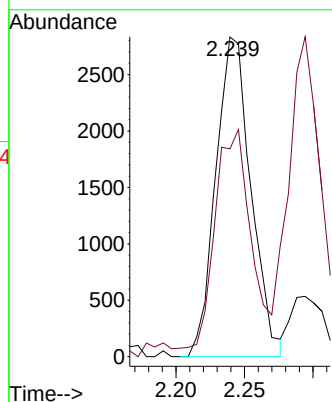
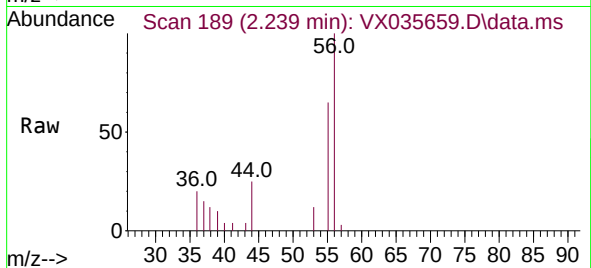




#13
Acrolein
Concen: 7.142 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

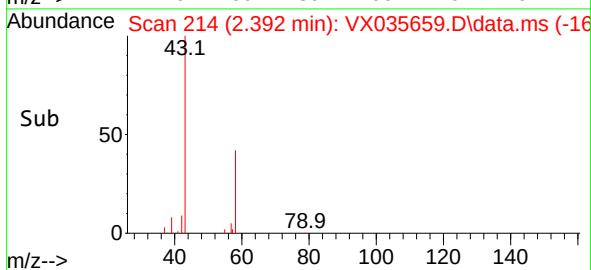
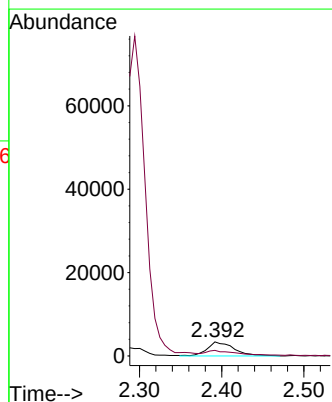
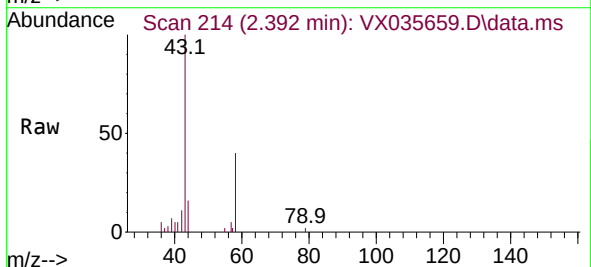
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

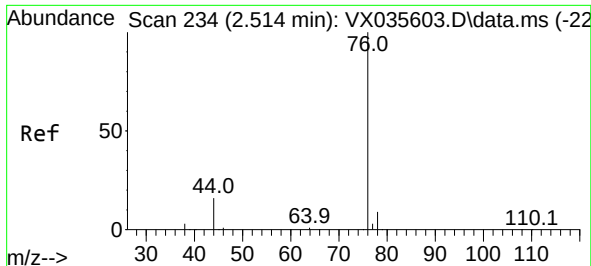
Tgt Ion: 56 Resp: 5063
Ion Ratio Lower Upper
56 100
55 68.9 56.6 85.0



#16
Acetone
Concen: 5.257 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 43 Resp: 7649
Ion Ratio Lower Upper
43 100
58 34.4 24.7 37.1





#17

Carbon Disulfide

Concen: 0.542 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX035659.D

Acq: 15 May 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

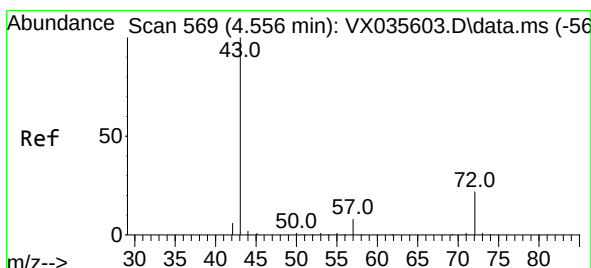
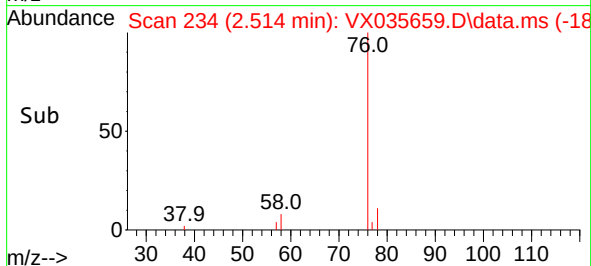
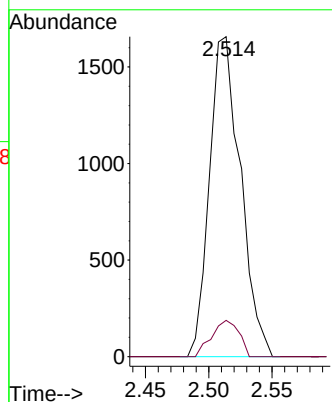
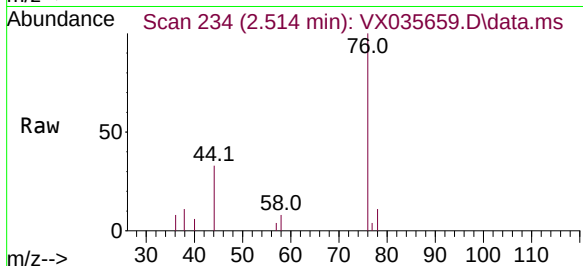
FSND-PRO-01-70-05052023

Tgt Ion: 76 Resp: 2825

Ion Ratio Lower Upper

76 100

78 11.3 7.2 10.8#



#25

2-Butanone

Concen: 0.287 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX035659.D

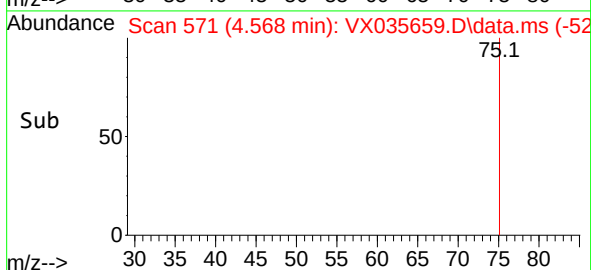
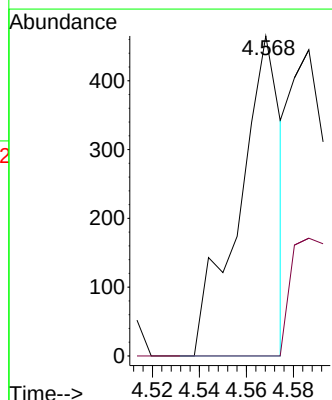
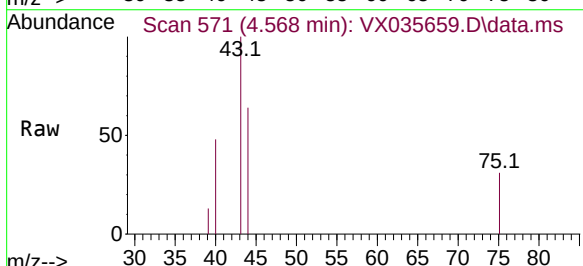
Acq: 15 May 2023 12:53

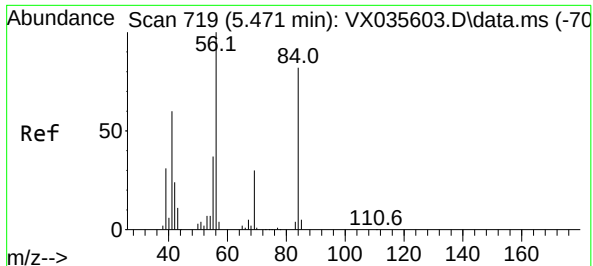
Tgt Ion: 43 Resp: 579

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#

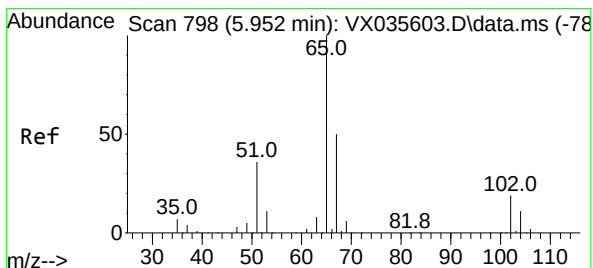
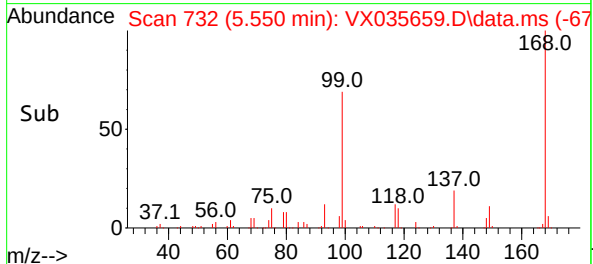
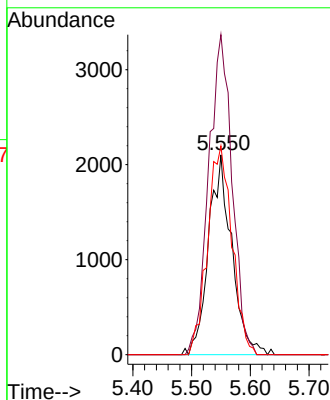
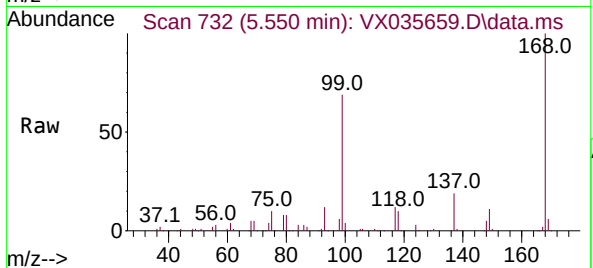




#31
Cyclohexane
Concen: 1.350 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

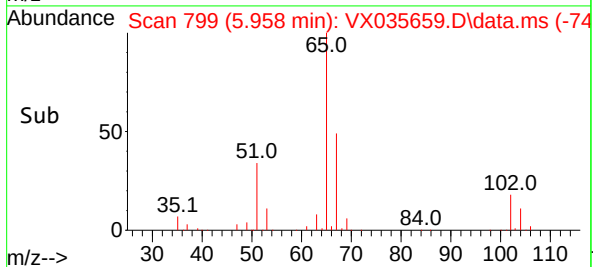
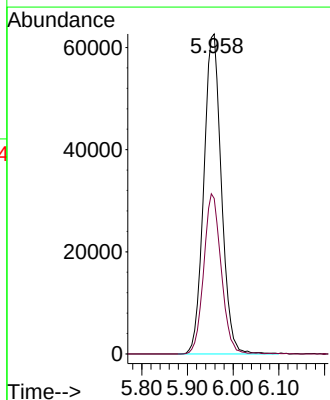
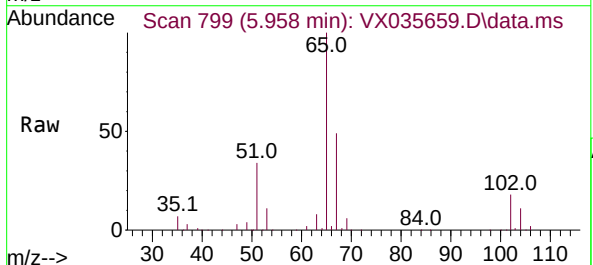
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

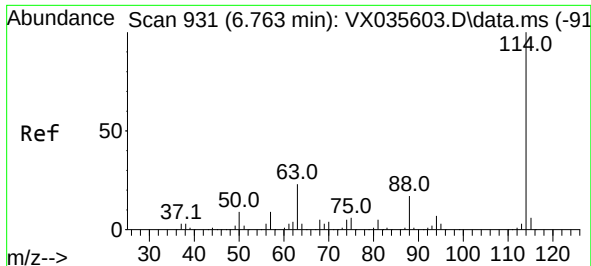
Tgt Ion: 56 Resp: 5775
Ion Ratio Lower Upper
56 100
69 160.2 23.7 35.5#
84 104.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 49.406 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 65 Resp: 167269
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0

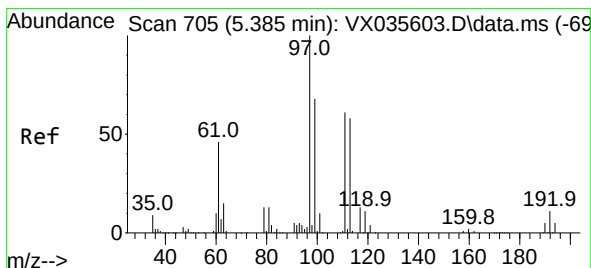
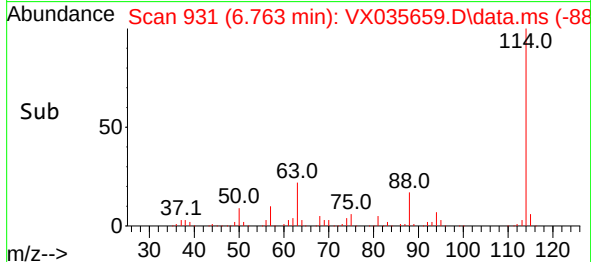
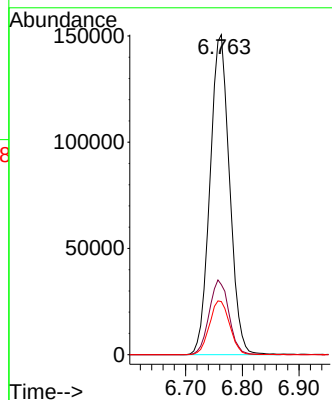
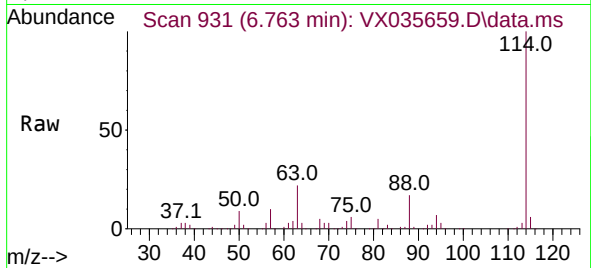




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

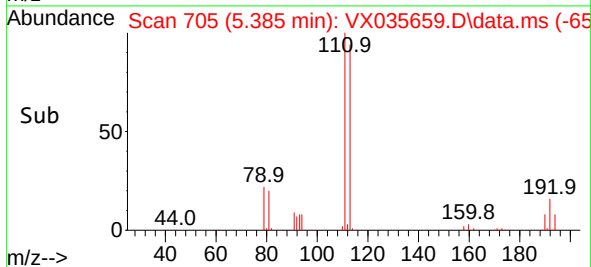
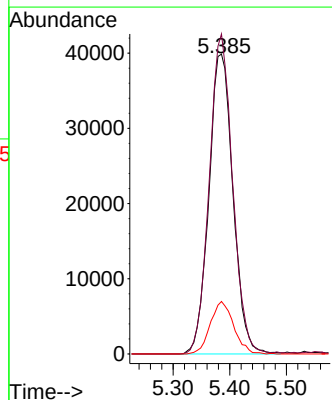
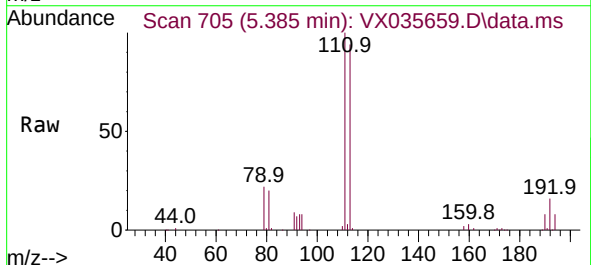
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

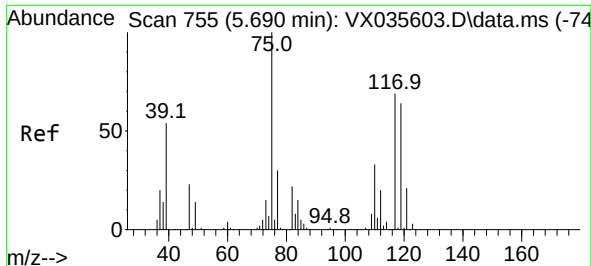
Tgt Ion:114 Resp: 359689
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.531 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion:113 Resp: 117722
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 17.0 15.4 23.2

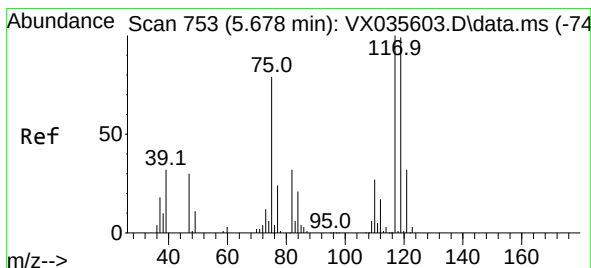
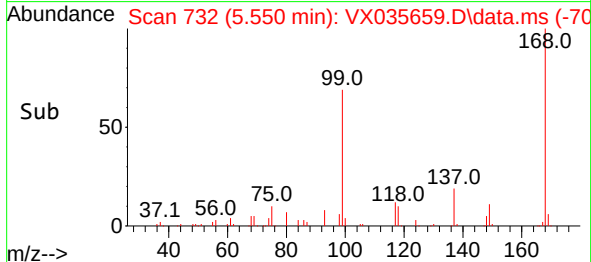
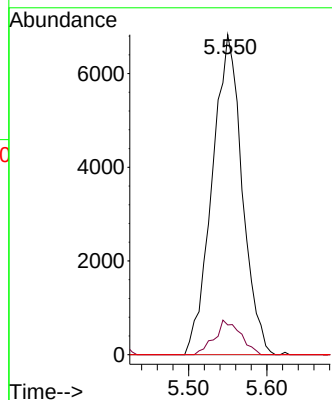
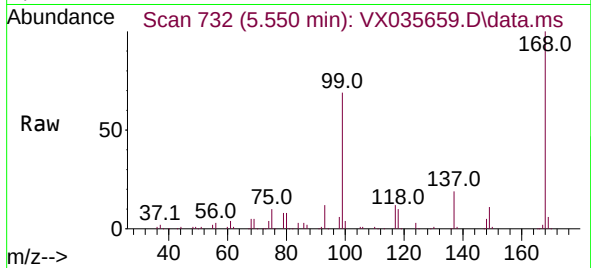




#36
1,1-Dichloropropene
Concen: 4.755 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

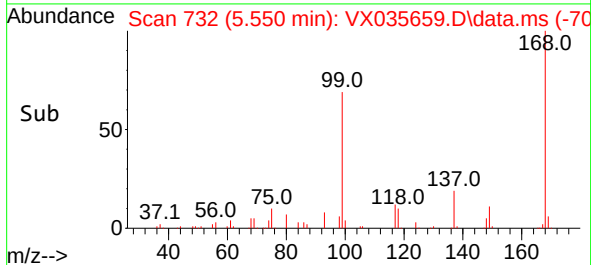
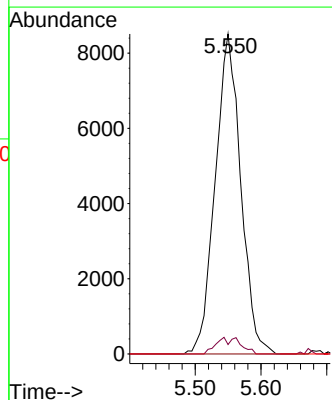
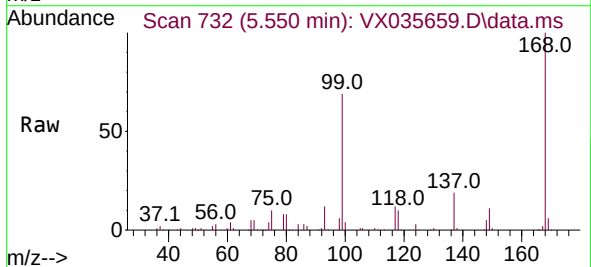
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

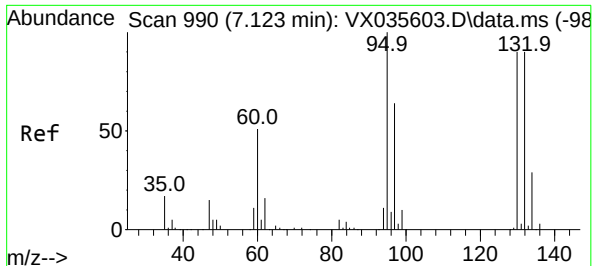
Tgt Ion: 75 Resp: 18206
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.339 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 117 Resp: 22993
Ion Ratio Lower Upper
117 100
119 2.9 76.6 114.8#
121 0.0 23.8 35.6#

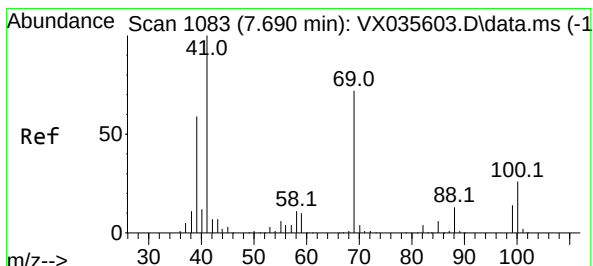
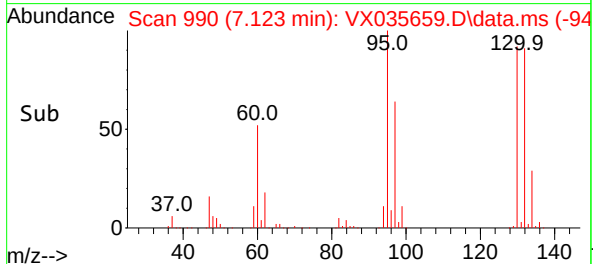
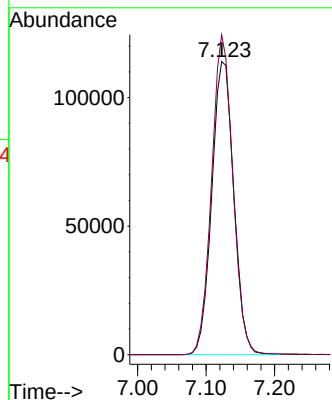
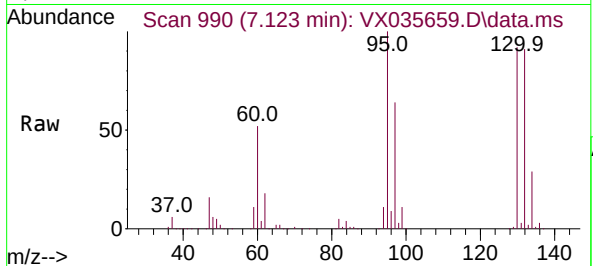




#44
Trichloroethene
Concen: 93.720 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

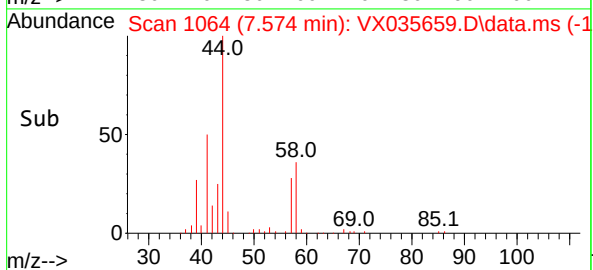
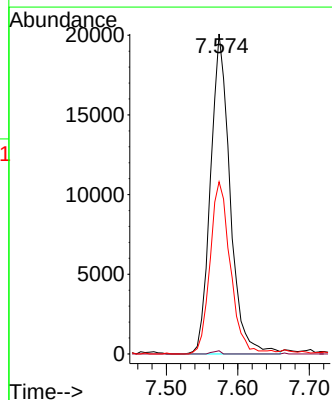
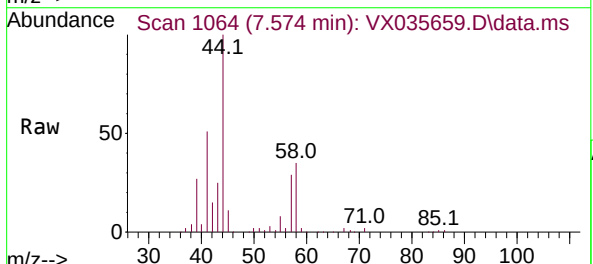
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

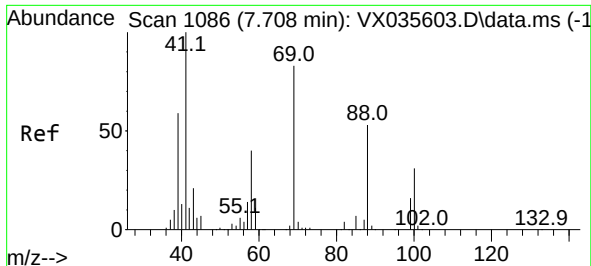
Tgt Ion:130 Resp: 254546
Ion Ratio Lower Upper
130 100
95 109.2 0.0 198.4



#48
Methyl methacrylate
Concen: 11.095 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.116 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 41 Resp: 38131
Ion Ratio Lower Upper
41 100
69 0.4 62.2 93.4#
39 56.1 47.7 71.5





#49

1,4-Dioxane

Concen: 2.512 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VX035659.D

Acq: 15 May 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-01-70-05052023

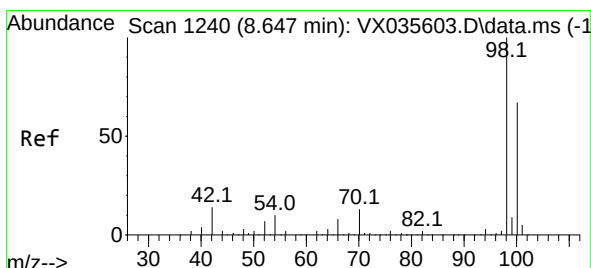
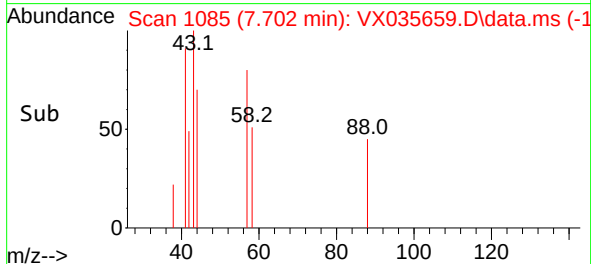
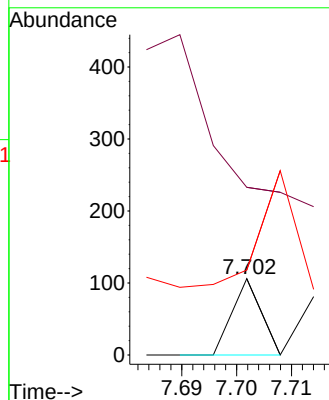
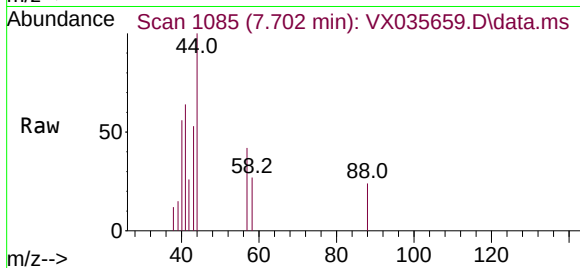
Tgt Ion: 88 Resp: 39

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 48.432 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035659.D

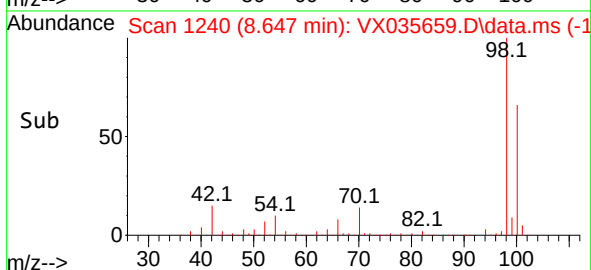
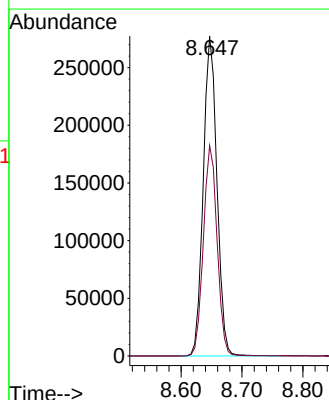
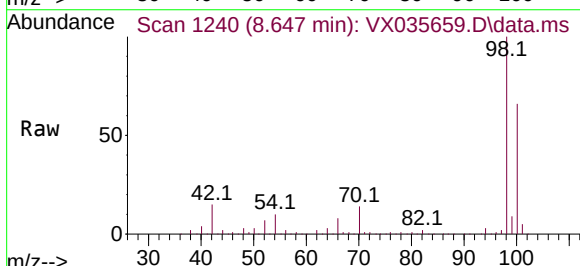
Acq: 15 May 2023 12:53

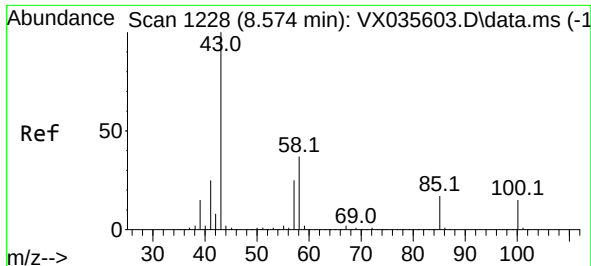
Tgt Ion: 98 Resp: 434012

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.650 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX035659.D

Acq: 15 May 2023 12:53

Instrument :

MSVOA_X

ClientSampleId :

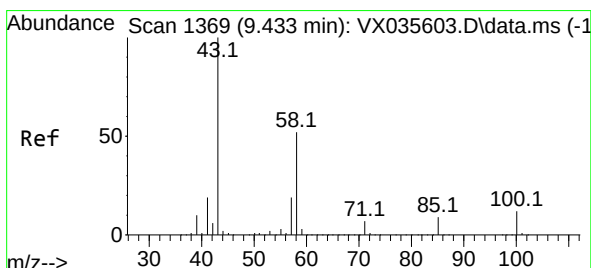
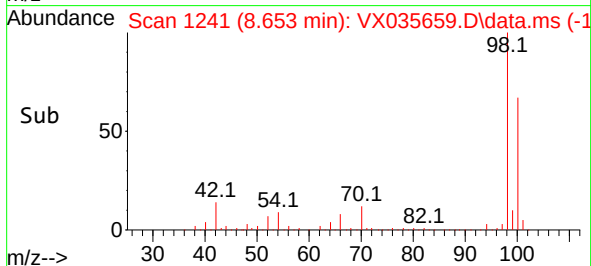
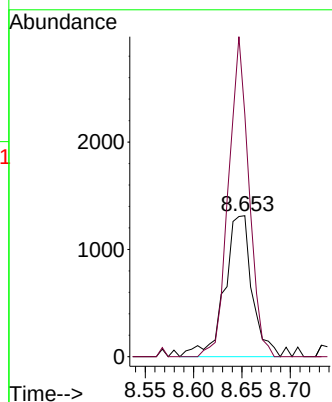
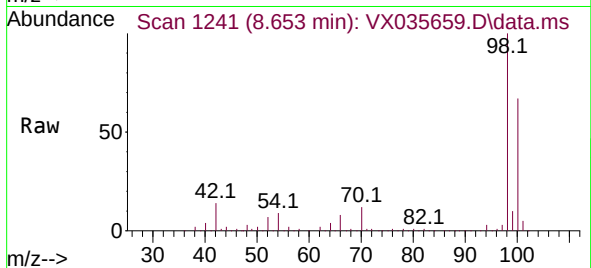
FSND-PRO-01-70-05052023

Tgt Ion: 43 Resp: 2607

Ion Ratio Lower Upper

43 100

58 167.8 30.6 46.0#



#59

2-Hexanone

Concen: 100.505 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.086 min

Lab File: VX035659.D

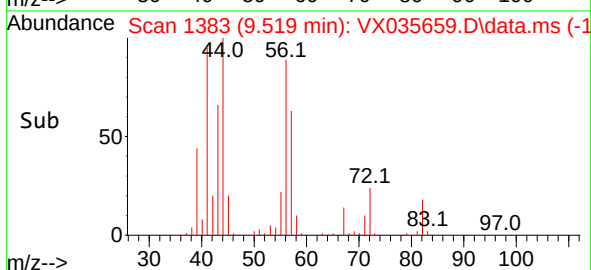
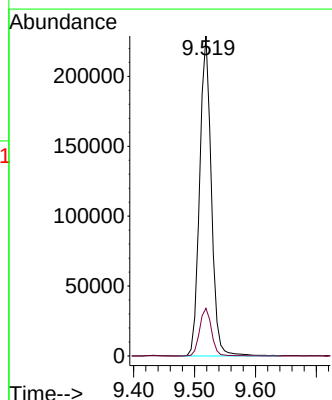
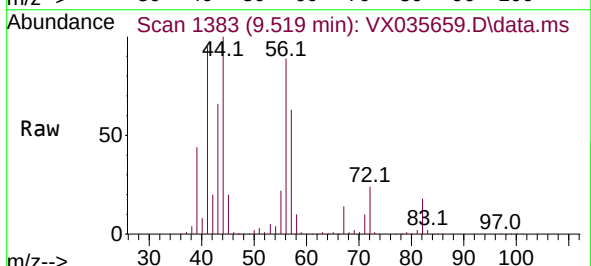
Acq: 15 May 2023 12:53

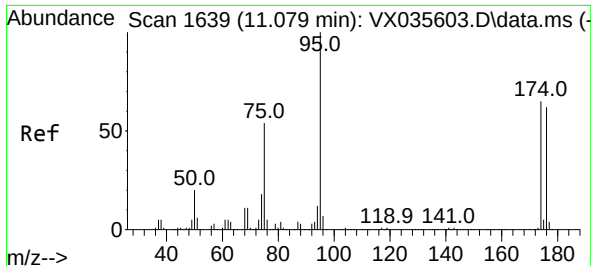
Tgt Ion: 43 Resp: 303672

Ion Ratio Lower Upper

43 100

58 15.2 26.3 78.9#

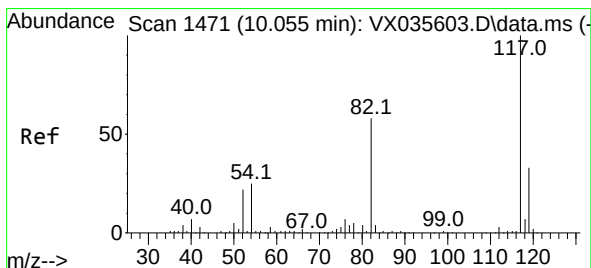
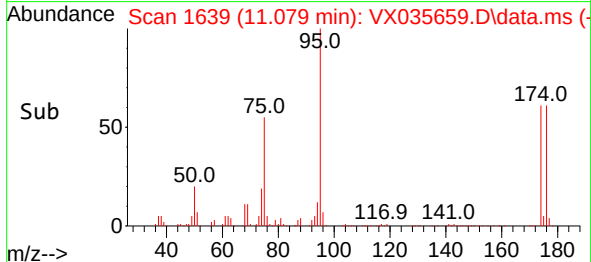
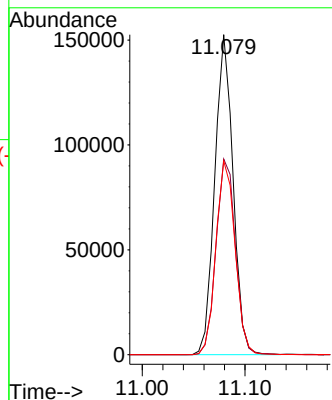
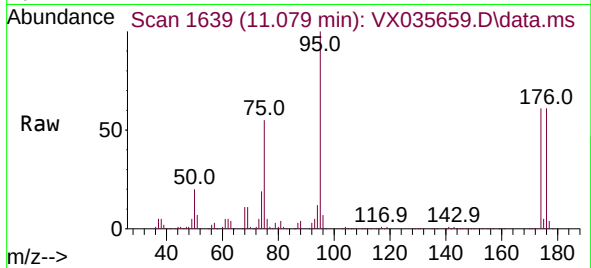




#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

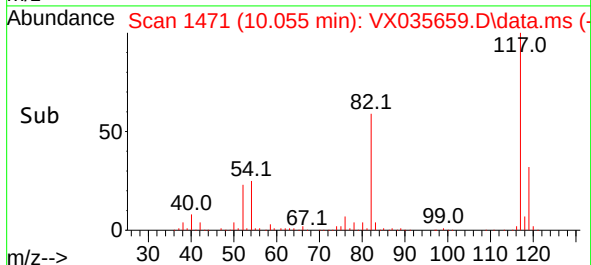
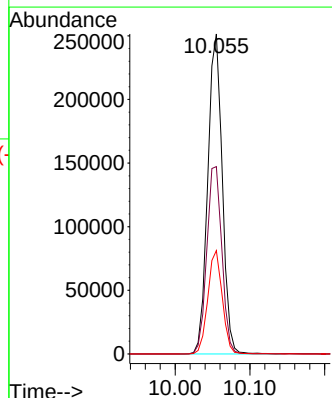
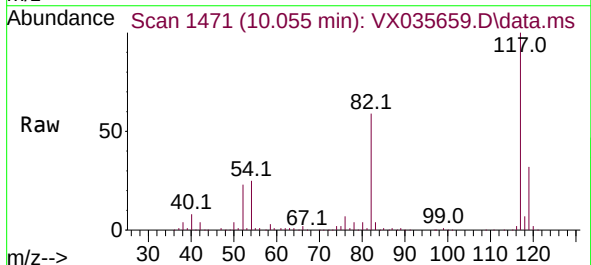
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

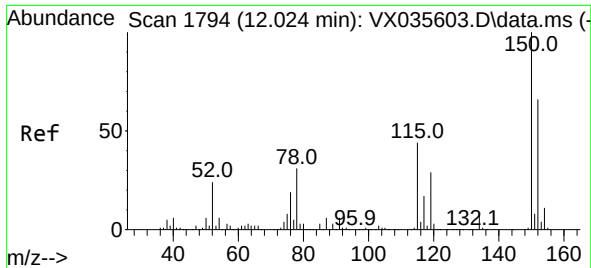
Tgt Ion: 95 Resp: 187899
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 63.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 117 Resp: 338527
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.3 26.0 39.0

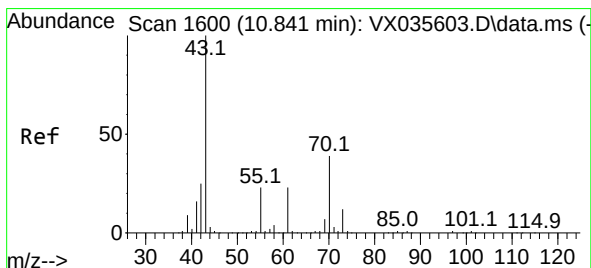
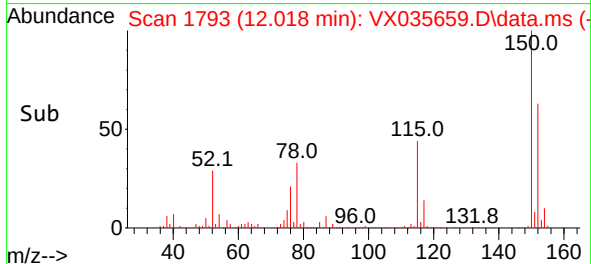
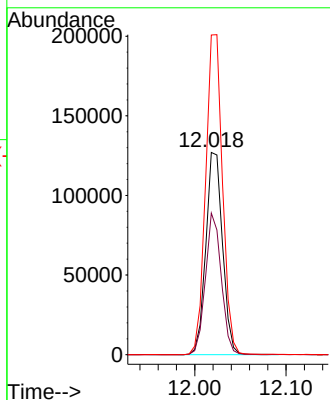
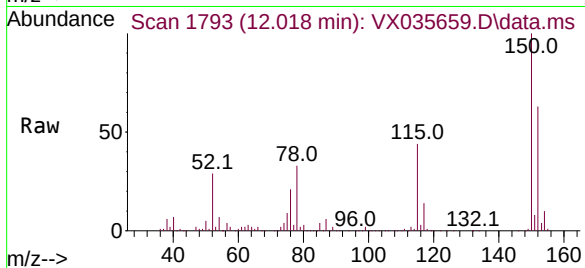




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

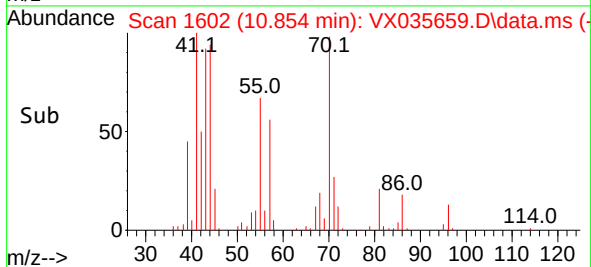
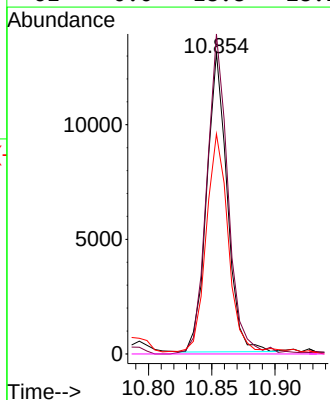
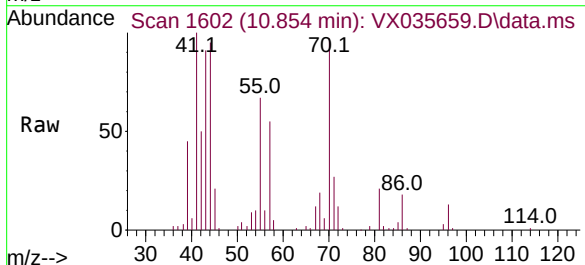
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-01-70-05052023

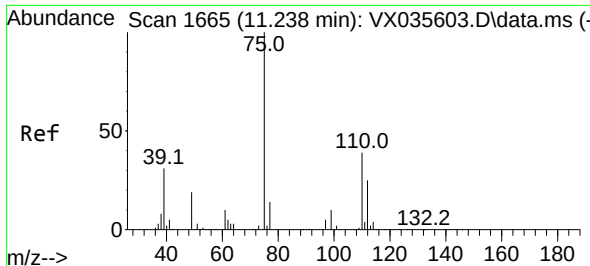
Tgt Ion:152 Resp: 161103
Ion Ratio Lower Upper
152 100
115 66.2 45.0 135.0
150 159.3 0.0 352.4



#74
N-ethyl acetate
Concen: 2.318 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 43 Resp: 14675
Ion Ratio Lower Upper
43 100
70 111.9 32.1 48.1#
55 76.9 18.3 27.5#
61 0.0 18.8 28.2#

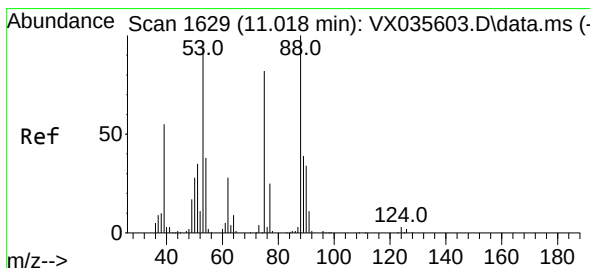
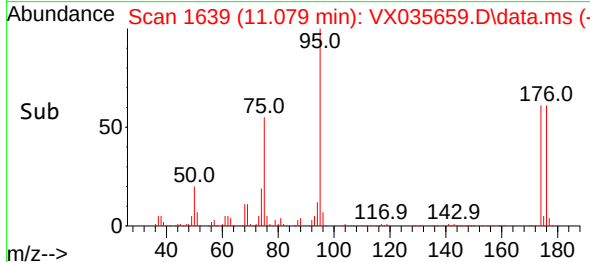
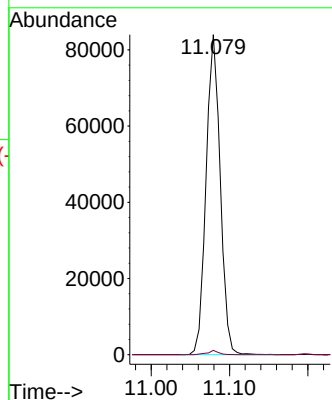
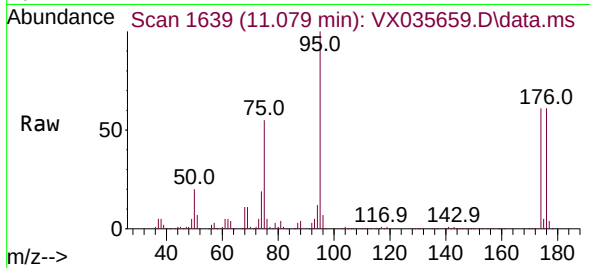




#76
1,2,3-Trichloropropane
Concen: 26.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Instrument : MSVOA_X
ClientSampleId : FSND-PRO-01-70-05052023

Tgt Ion: 75 Resp: 104844
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035659.D
Acq: 15 May 2023 12:53

Tgt Ion: 75 Resp: 104844
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

