

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035663.D
 Acq On : 15 May 2023 14:26
 Operator : JC/MD
 Sample : 02751-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-PRO-03-89-05072023

Quant Time: May 16 04:59:14 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)

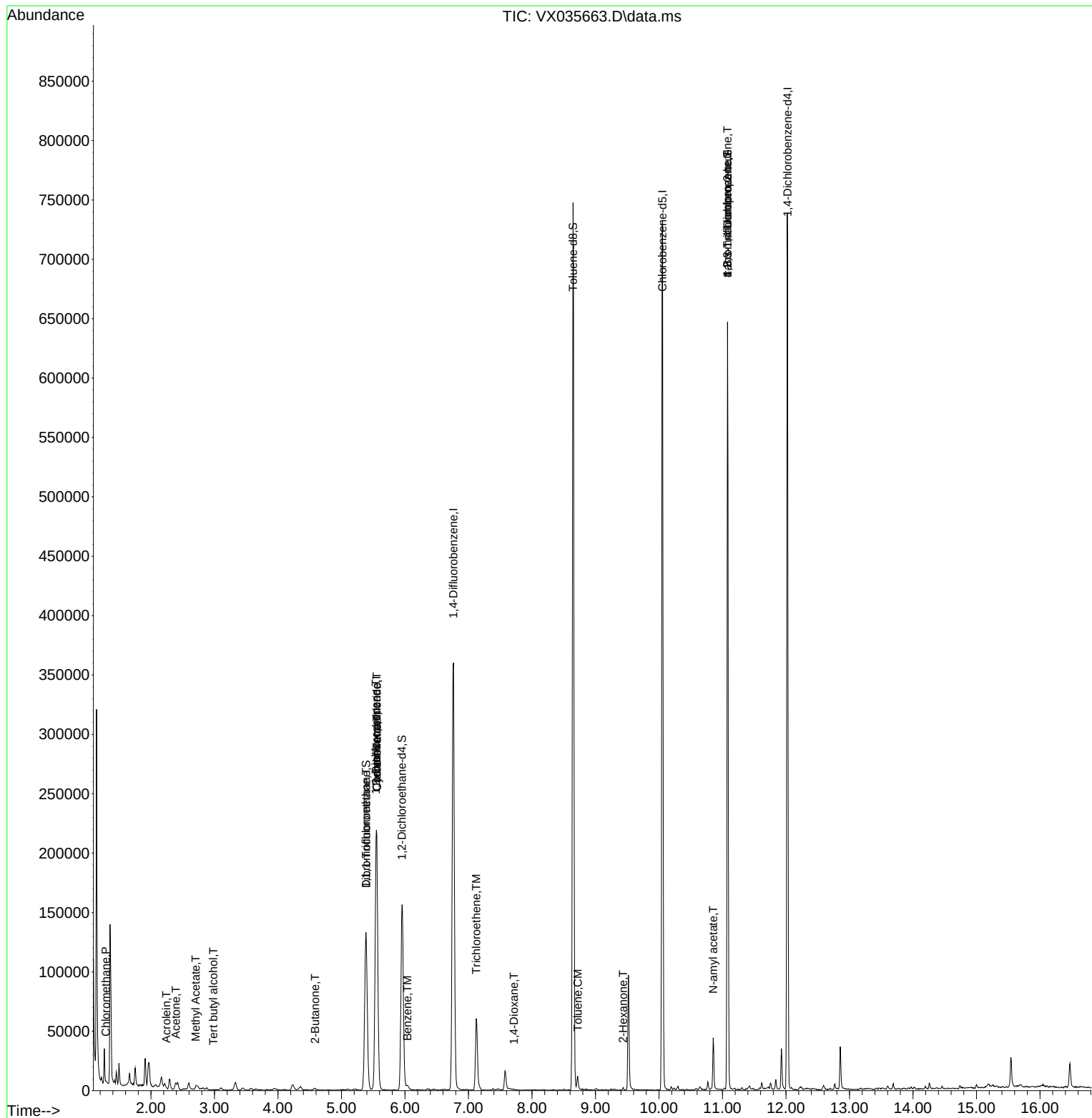
Internal Standards						
1) Pentafluorobenzene	5.550	168	188679	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	346445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157101	47.728	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.460%		
35) Dibromofluoromethane	5.385	113	112422	48.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	8.647	98	416286	48.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.460%		
62) 4-Bromofluorobenzene	11.079	95	170340	49.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.020%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	627	0.210	ug/l	100
11) Tert butyl alcohol	2.983	59	336	0.579	ug/l #	73
13) Acrolein	2.239	56	908	1.317	ug/l #	14
16) Acetone	2.392	43	7268	5.137	ug/l	98
18) Methyl Acetate	2.703	43	1718	0.329	ug/l #	58
25) 2-Butanone	4.587	43	3219	1.644	ug/l	91
31) Cyclohexane	5.556	56	5670	1.363	ug/l #	1
32) 1,1,1-Trichloroethane	5.385	97	984	0.234	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	18194	4.933	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21825	6.247	ug/l #	16
40) Benzene	6.038	78	3973	0.385	ug/l #	88
44) Trichloroethene	7.123	130	21743	8.312	ug/l	89
49) 1,4-Dioxane	7.714	88	293	5.989	ug/l #	58
52) Toluene	8.720	92	3920	0.602	ug/l	95
59) 2-Hexanone	9.433	43	1222	0.420	ug/l	95
74) N-amyl acetate	10.854	43	5804	1.060	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93362	27.390	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93362	88.273	ug/l #	8

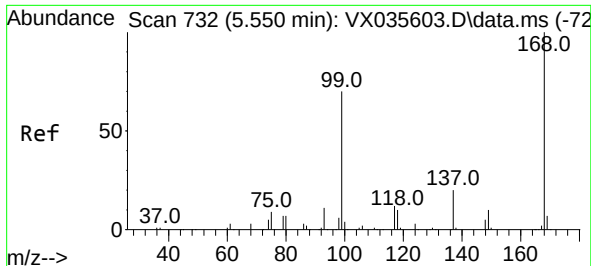
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
Data File : VX035663.D
Acq On : 15 May 2023 14:26
Operator : JC/MD
Sample : 02751-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

Quant Time: May 16 04:59:14 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: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

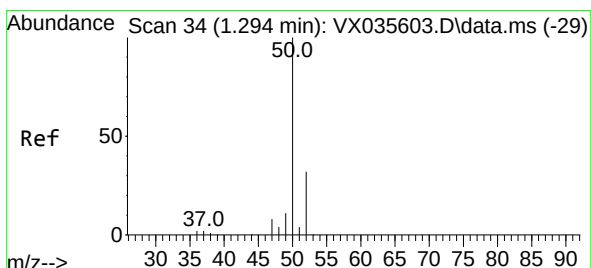
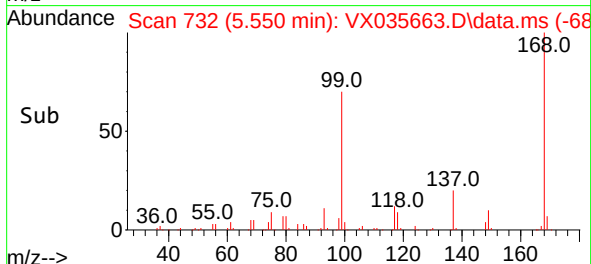
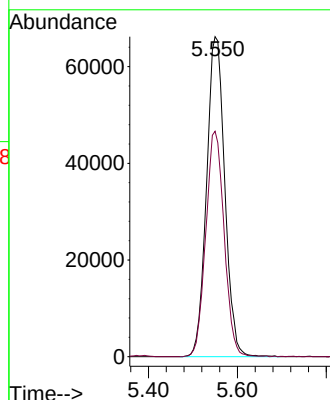
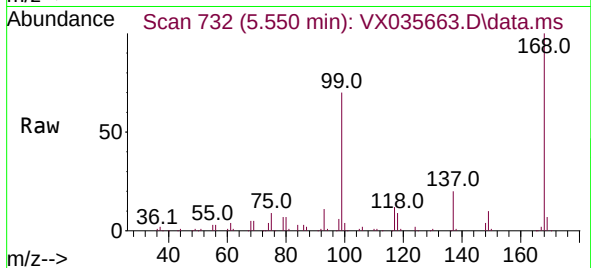
FSND-PRO-03-89-05072023

Tgt Ion:168 Resp: 188679

Ion Ratio Lower Upper

168 100

99 70.5 45.7 68.5#



#3

Chloromethane

Concen: 0.210 ug/l

RT: 1.288 min Scan# 33

Delta R.T. -0.006 min

Lab File: VX035663.D

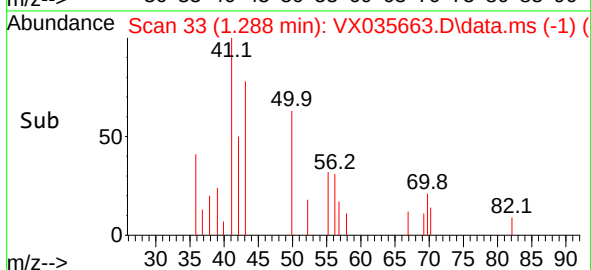
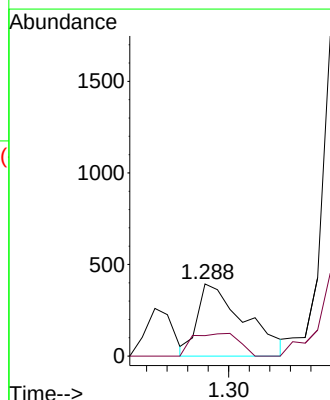
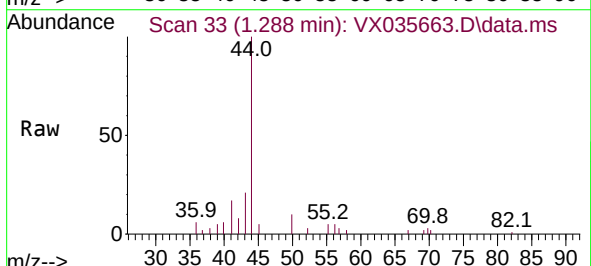
Acq: 15 May 2023 14:26

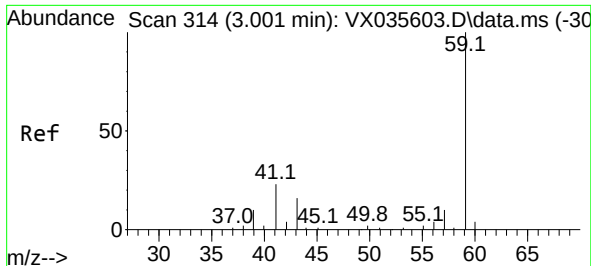
Tgt Ion: 50 Resp: 627

Ion Ratio Lower Upper

50 100

52 32.5 25.9 38.9

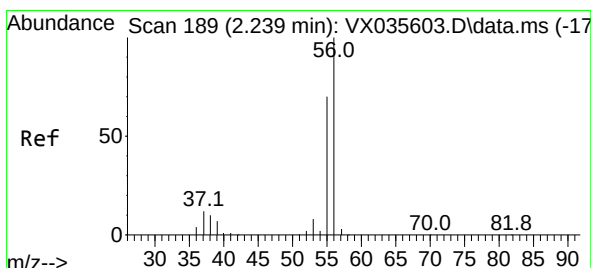
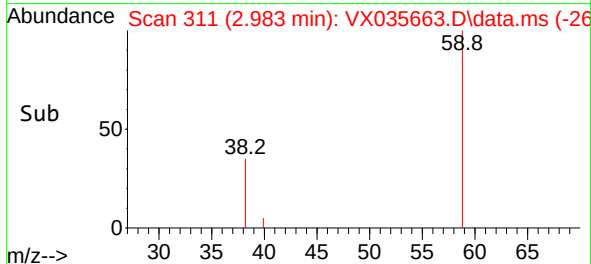
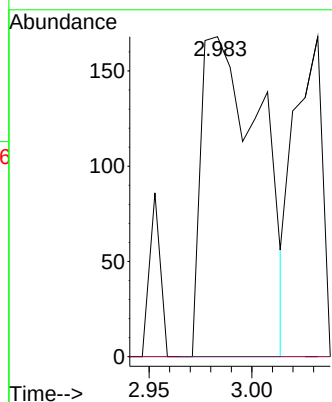
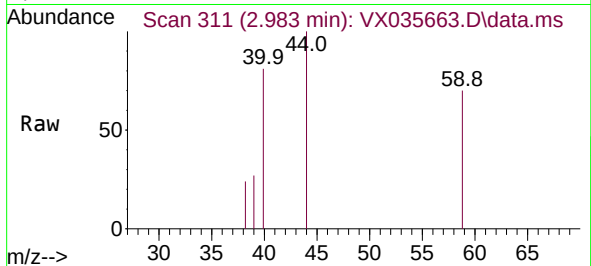




#11
Tert butyl alcohol
Concen: 0.579 ug/l
RT: 2.983 min Scan# 31
Delta R.T. -0.018 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

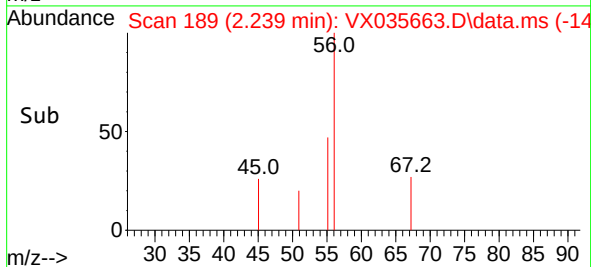
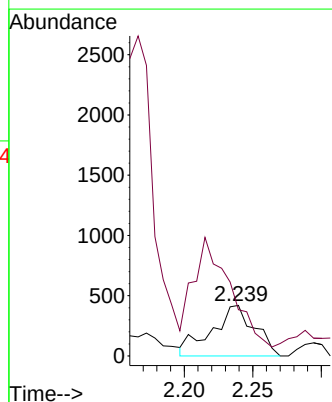
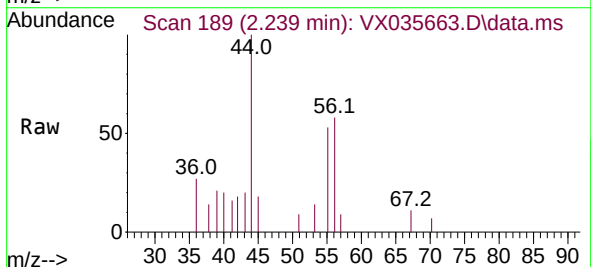
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

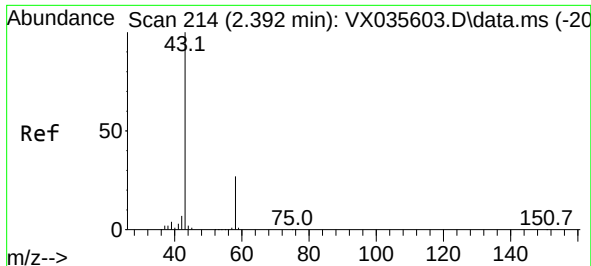
Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 1.317 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 56 Resp: 908
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#





#16

Acetone

Concen: 5.137 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

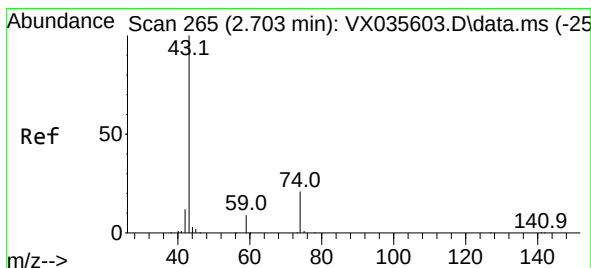
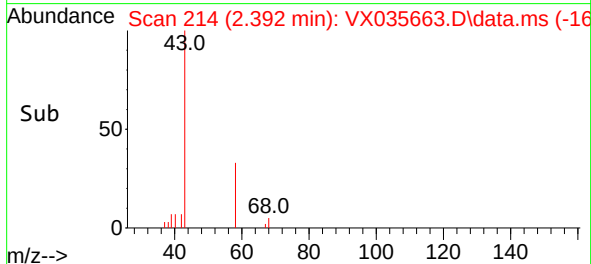
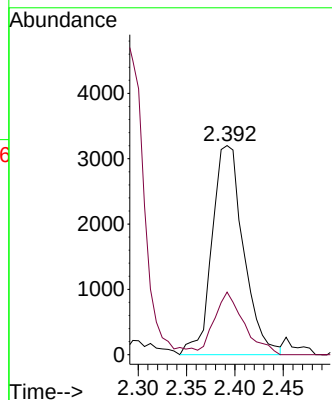
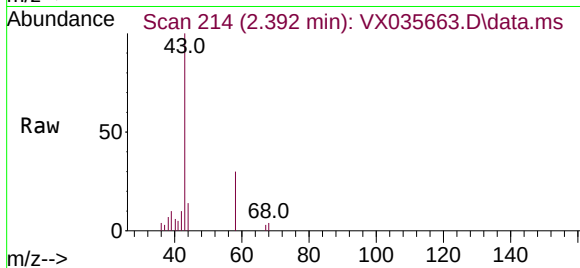
FSND-PRO-03-89-05072023

Tgt Ion: 43 Resp: 7268

Ion Ratio Lower Upper

43 100

58 30.0 24.7 37.1



#18

Methyl Acetate

Concen: 0.329 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX035663.D

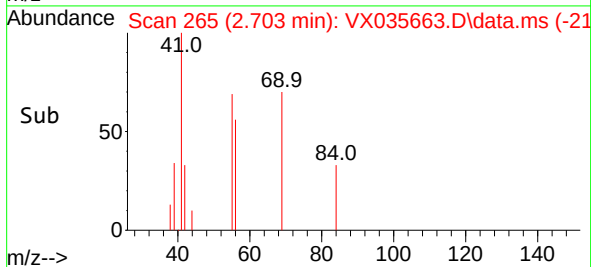
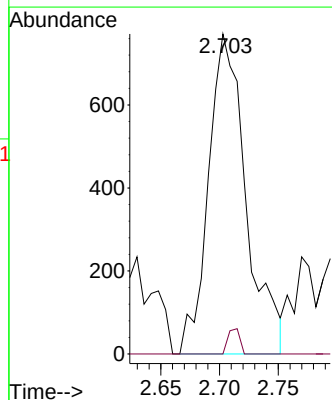
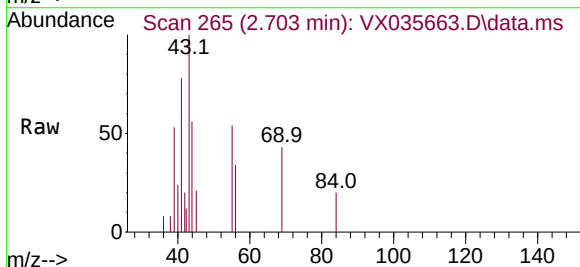
Acq: 15 May 2023 14:26

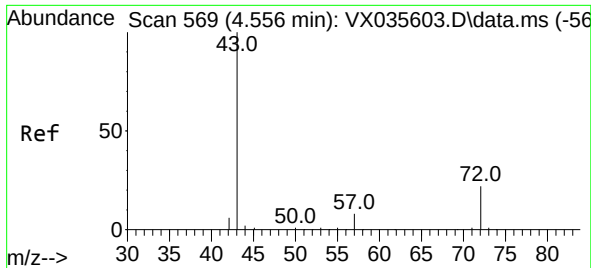
Tgt Ion: 43 Resp: 1718

Ion Ratio Lower Upper

43 100

74 2.5 18.3 27.5#

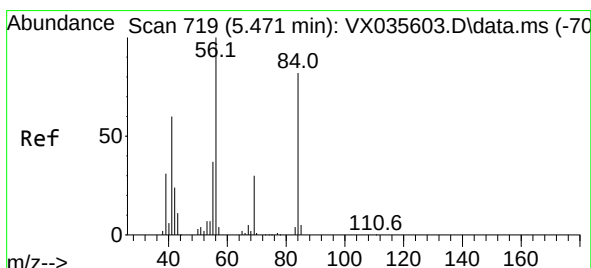
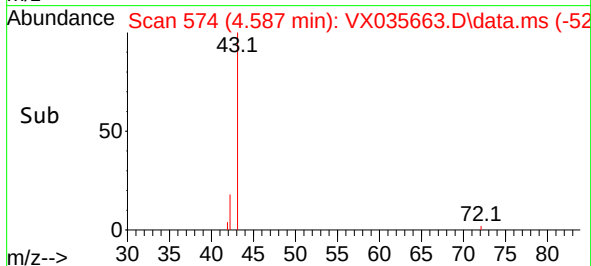
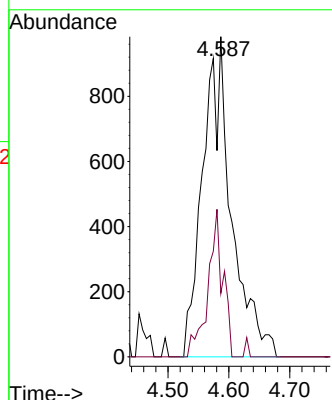
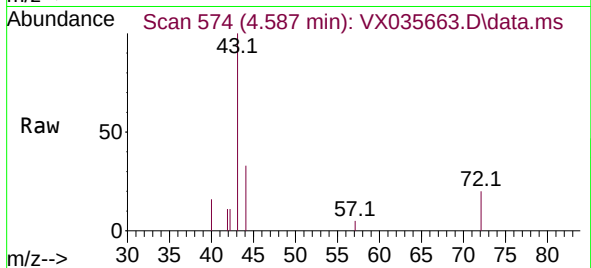




#25
2-Butanone
Concen: 1.644 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

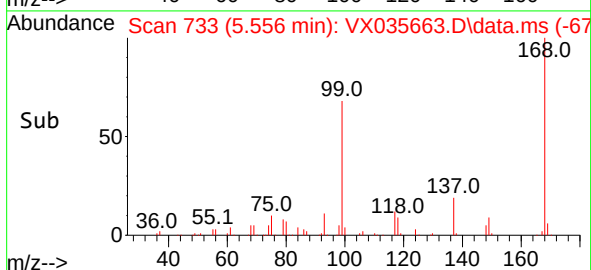
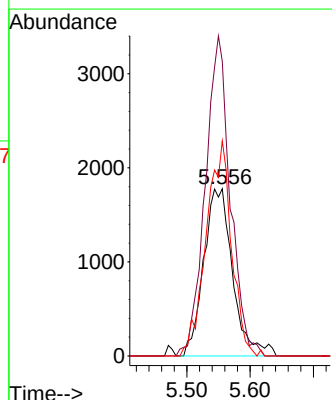
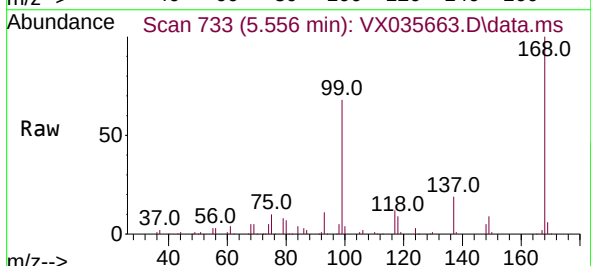
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

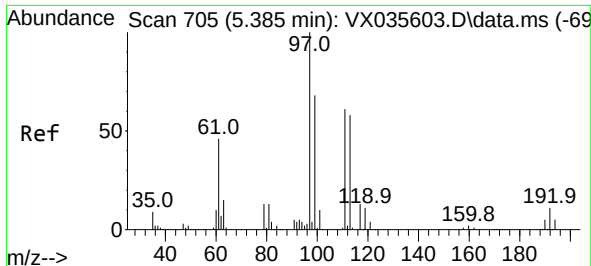
Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
72 19.8 19.3 28.9



#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 56 Resp: 5670
Ion Ratio Lower Upper
56 100
69 176.3 23.7 35.5#
84 128.6 68.5 102.7#

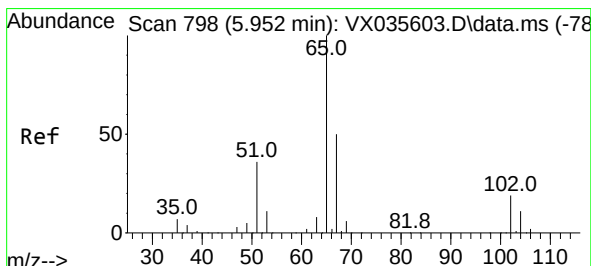
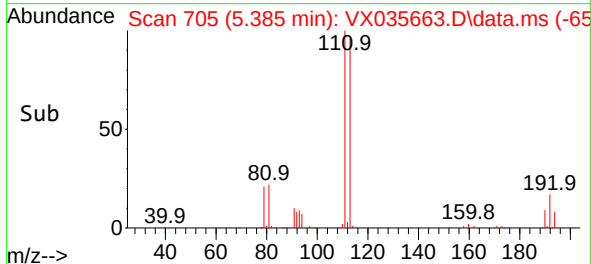
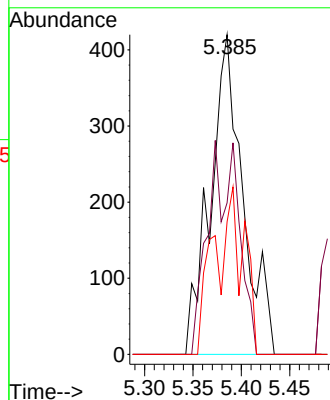
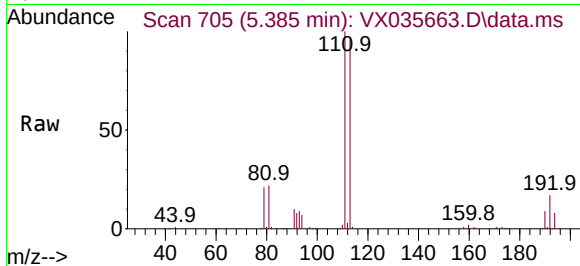




#32
1,1,1-Trichloroethane
Concen: 0.234 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

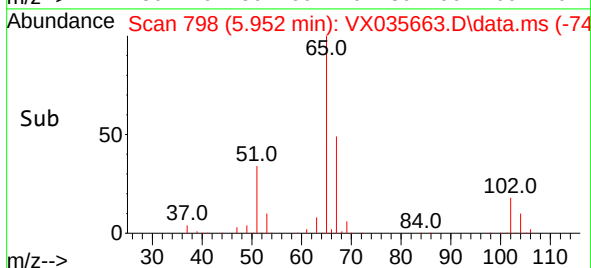
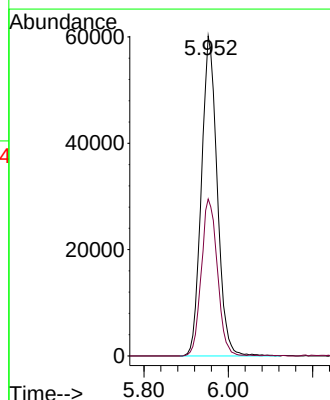
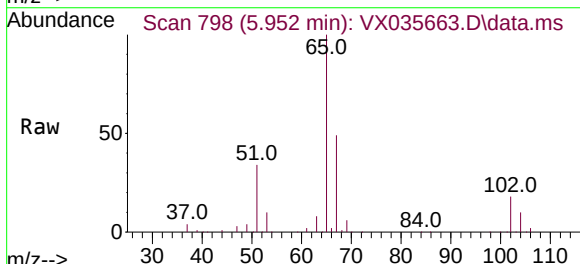
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

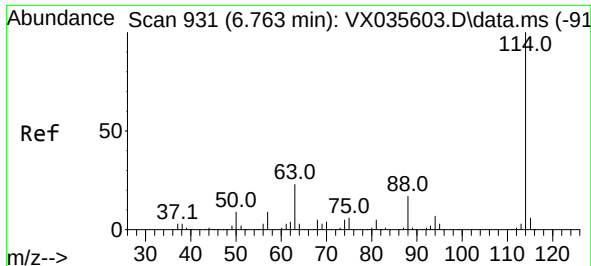
Tgt Ion: 97 Resp: 984
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 28.7 36.5 54.7#



#33
1,2-Dichloroethane-d4
Concen: 47.728 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 65 Resp: 157101
Ion Ratio Lower Upper
65 100
67 49.8 0.0 104.0

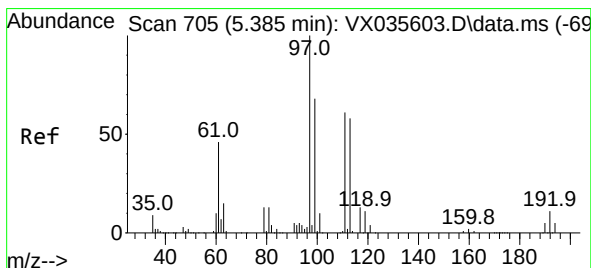
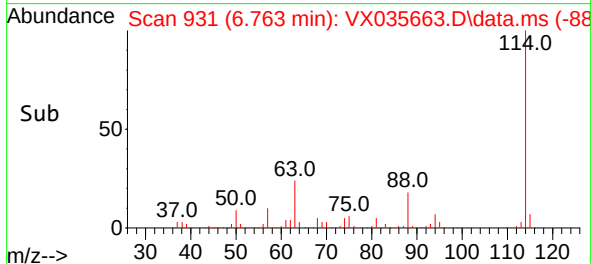
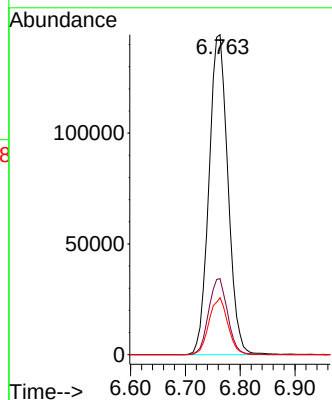
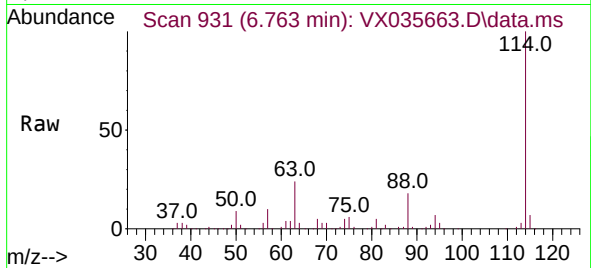




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

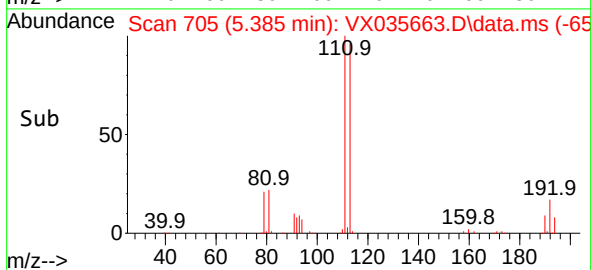
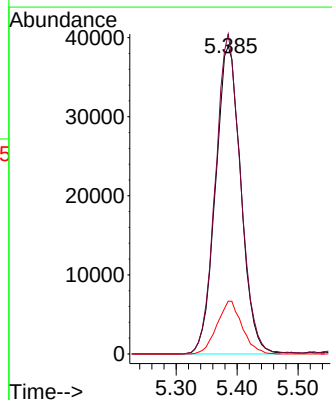
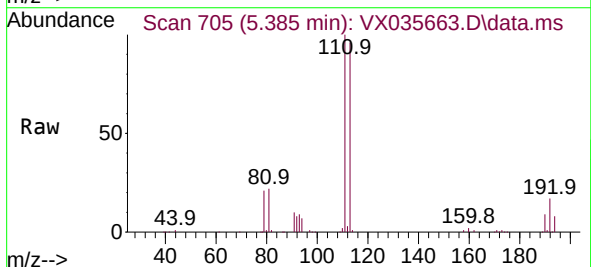
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

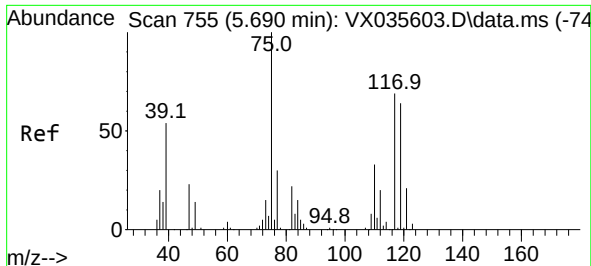
Tgt Ion:114 Resp: 346445
Ion Ratio Lower Upper
114 100
63 23.7 0.0 42.2
88 17.8 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion:113 Resp: 112422
Ion Ratio Lower Upper
113 100
111 103.2 83.7 125.5
192 17.0 15.4 23.2

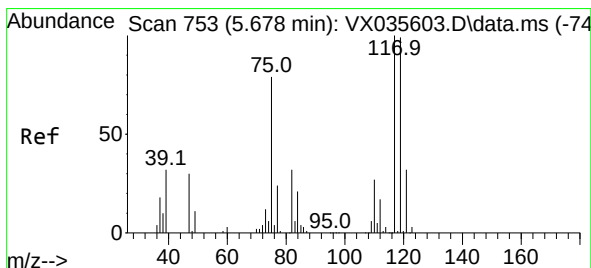
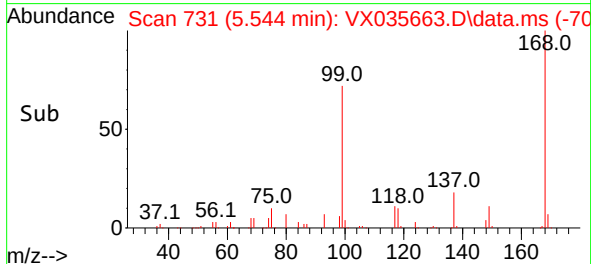
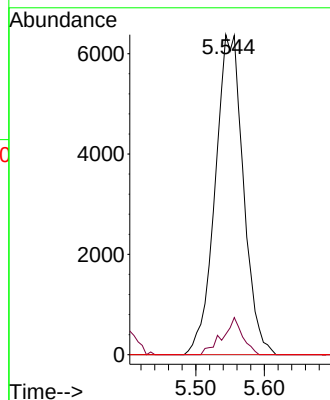
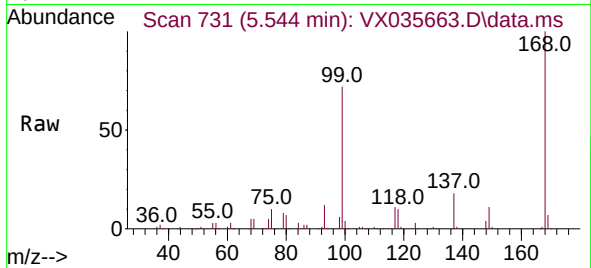




#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

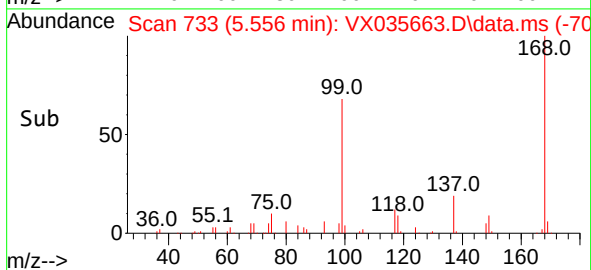
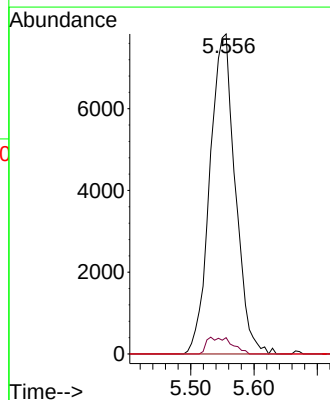
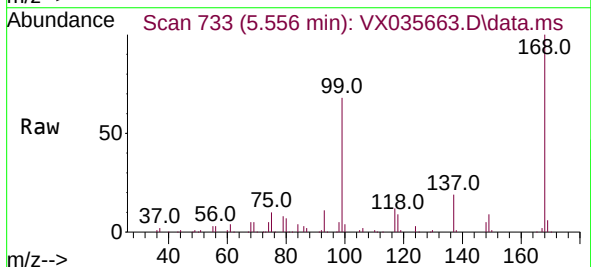
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

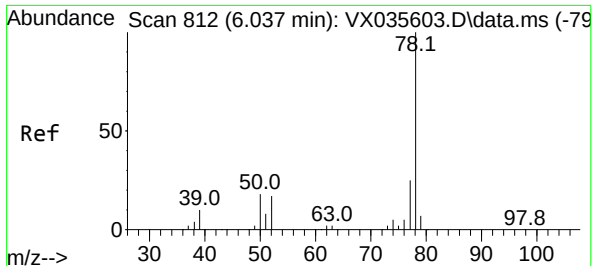
Tgt Ion: 75 Resp: 18194
Ion Ratio Lower Upper
75 100
110 8.3 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.247 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 117 Resp: 21825
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#





#40

Benzene

Concen: 0.385 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

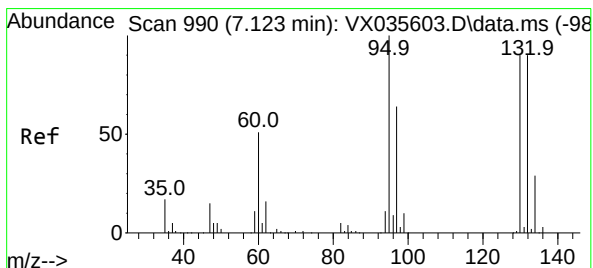
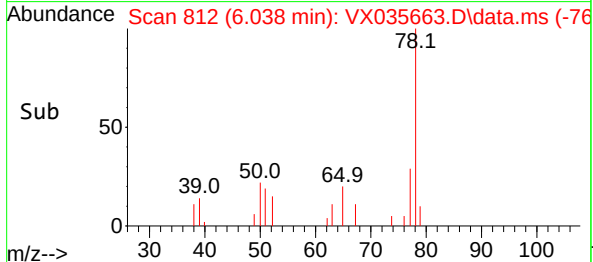
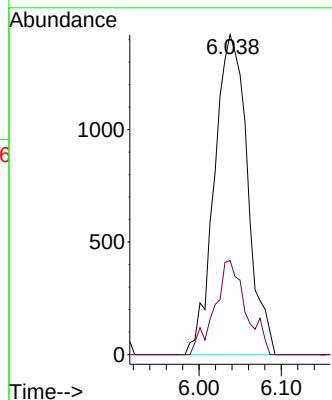
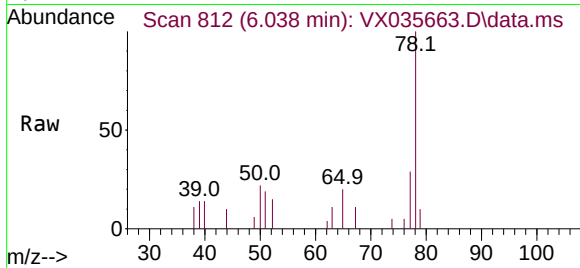
FSND-PRO-03-89-05072023

Tgt Ion: 78 Resp: 3973

Ion Ratio Lower Upper

78 100

77 29.4 19.0 28.4#



#44

Trichloroethene

Concen: 8.312 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035663.D

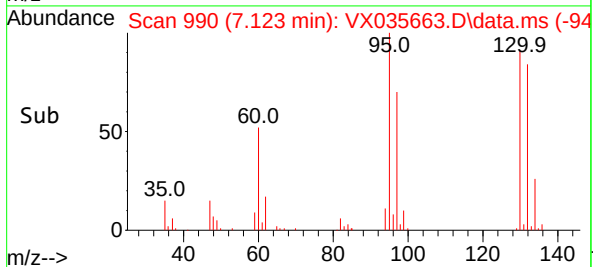
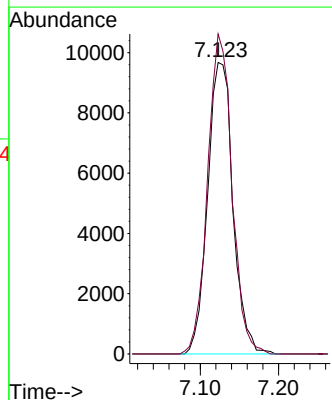
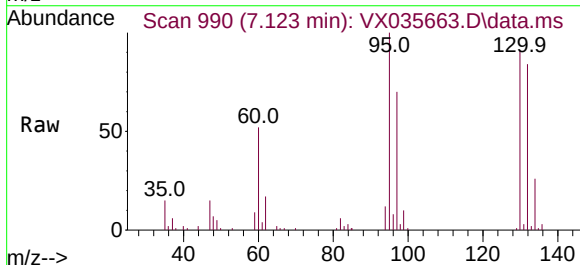
Acq: 15 May 2023 14:26

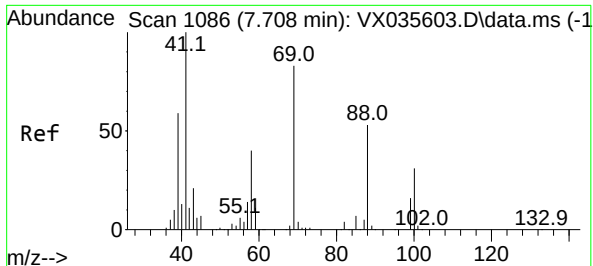
Tgt Ion:130 Resp: 21743

Ion Ratio Lower Upper

130 100

95 109.8 0.0 198.4





#49

1,4-Dioxane

Concen: 5.989 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035663.D

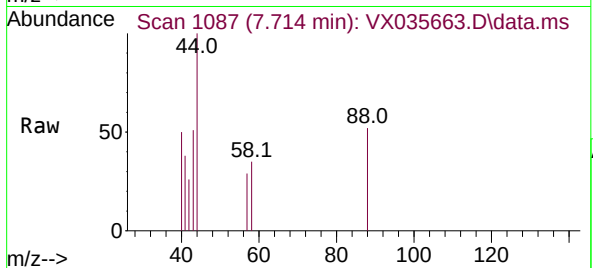
Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

FSND-PRO-03-89-05072023



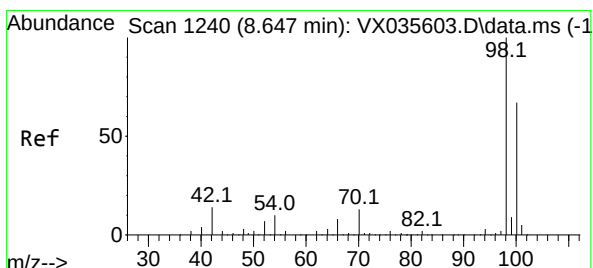
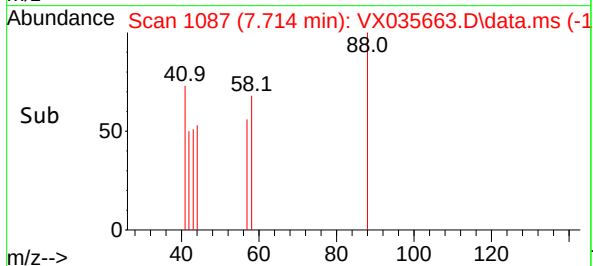
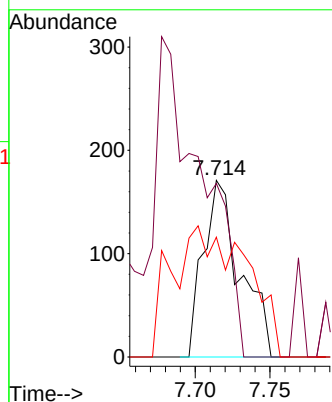
Tgt Ion: 88 Resp: 293

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 98.6 56.8 85.2#



#50

Toluene-d8

Concen: 48.230 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035663.D

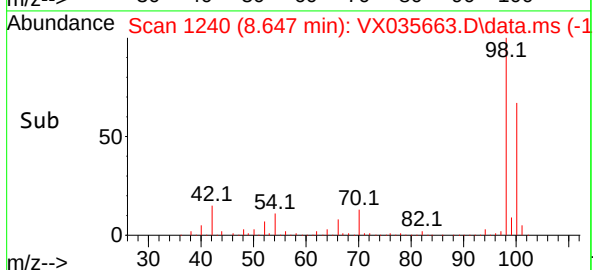
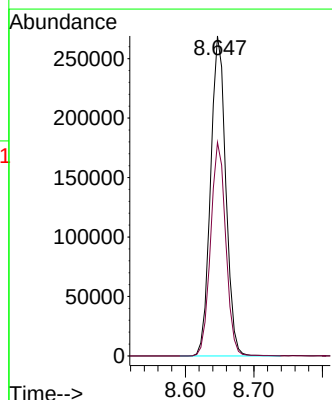
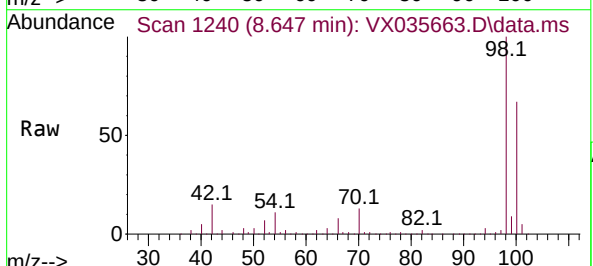
Acq: 15 May 2023 14:26

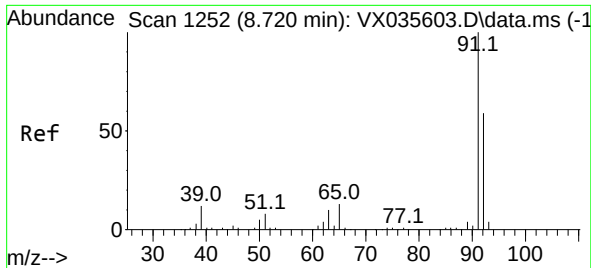
Tgt Ion: 98 Resp: 416286

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#52

Toluene

Concen: 0.602 ug/l

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035663.D

Acq: 15 May 2023 14:26

Instrument :

MSVOA_X

ClientSampleId :

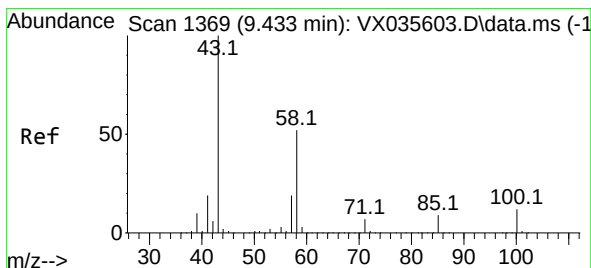
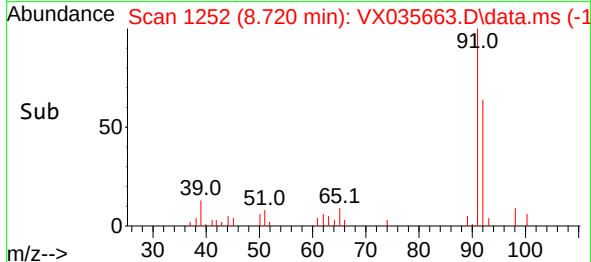
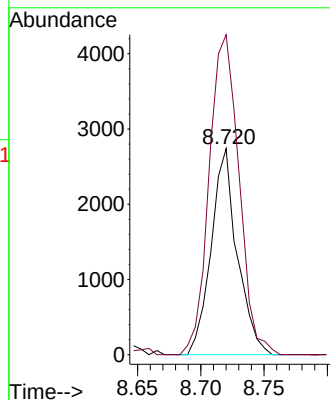
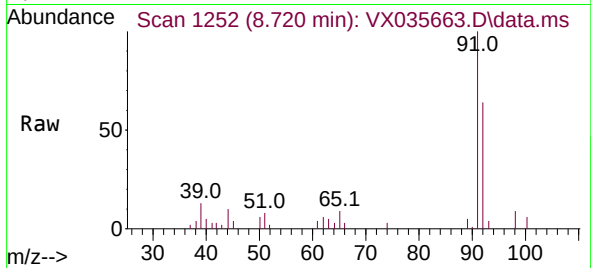
FSND-PRO-03-89-05072023

Tgt Ion: 92 Resp: 3920

Ion Ratio Lower Upper

92 100

91 177.9 136.8 205.2



#59

2-Hexanone

Concen: 0.420 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX035663.D

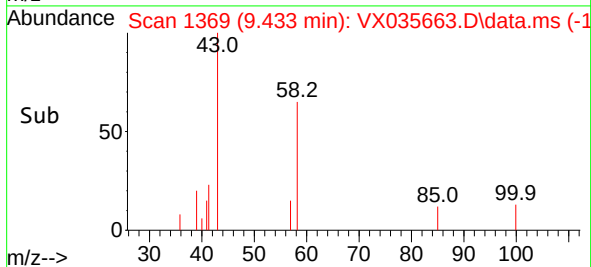
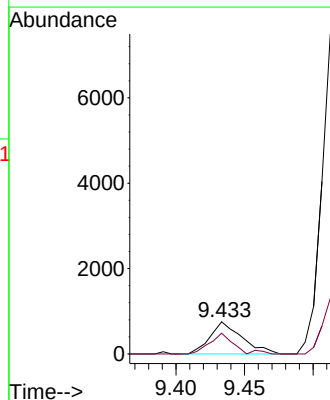
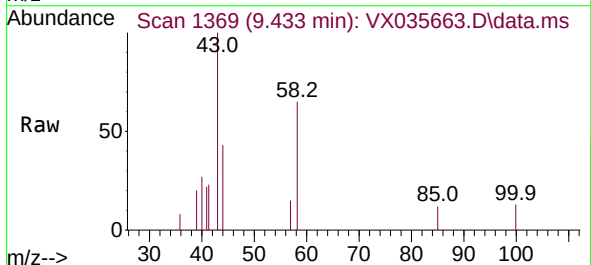
Acq: 15 May 2023 14:26

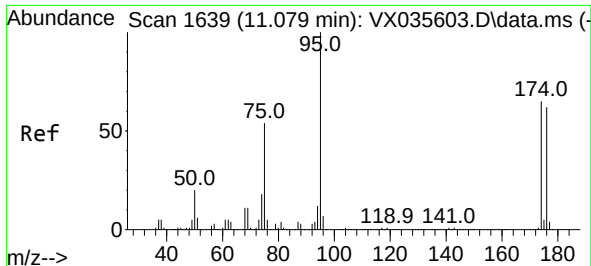
Tgt Ion: 43 Resp: 1222

Ion Ratio Lower Upper

43 100

58 49.3 26.3 78.9

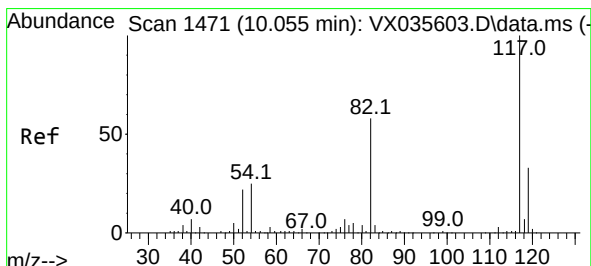
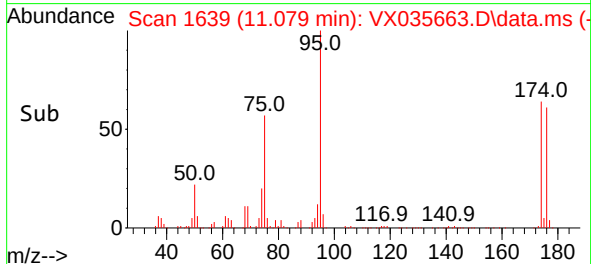
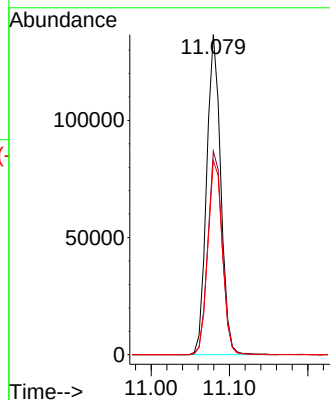
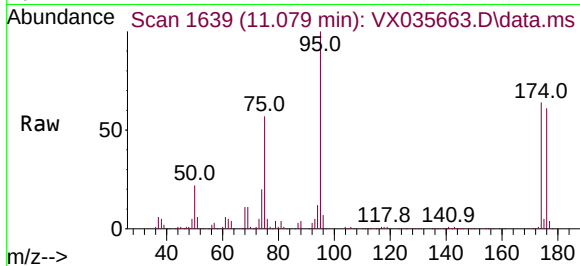




#62
4-Bromofluorobenzene
Concen: 49.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

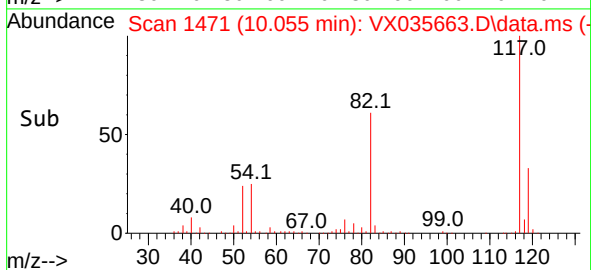
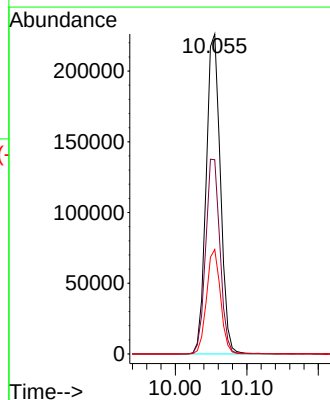
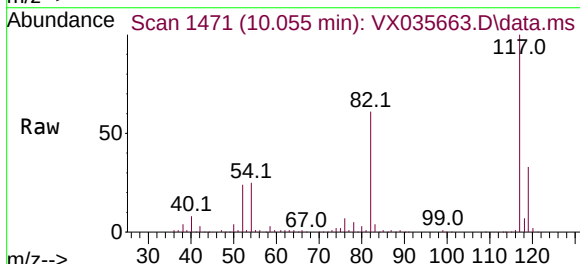
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

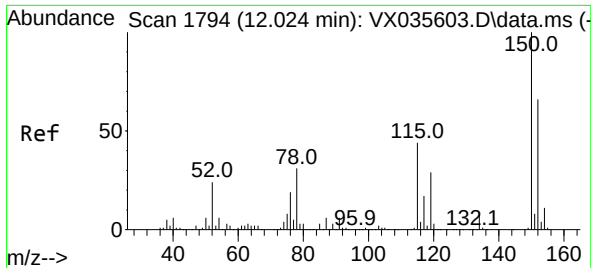
Tgt Ion: 95 Resp: 170340
Ion Ratio Lower Upper
95 100
174 64.5 0.0 147.4
176 62.6 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 117 Resp: 313312
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.6 26.0 39.0

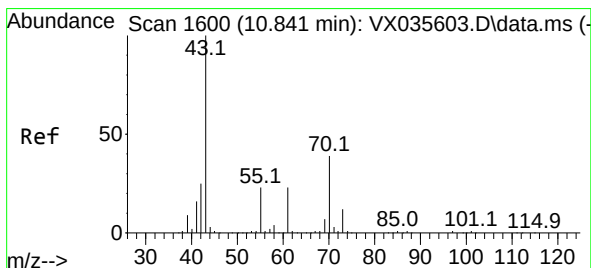
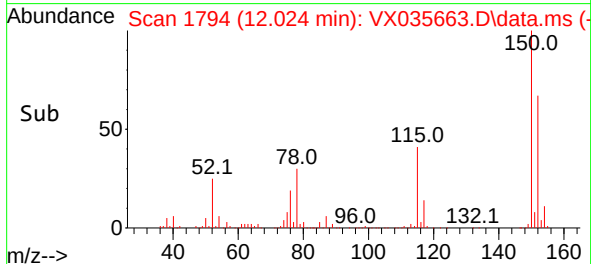
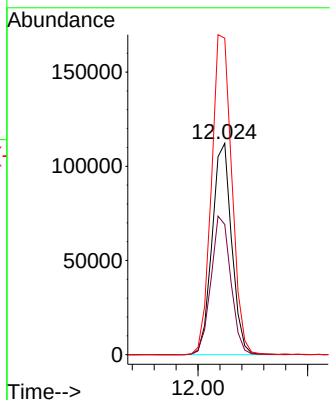
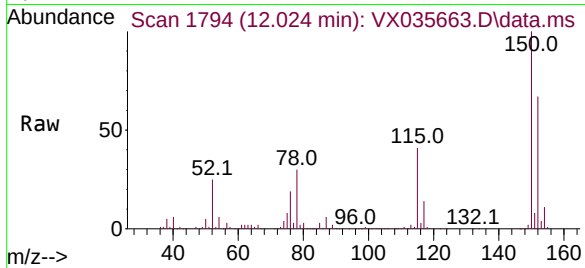




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

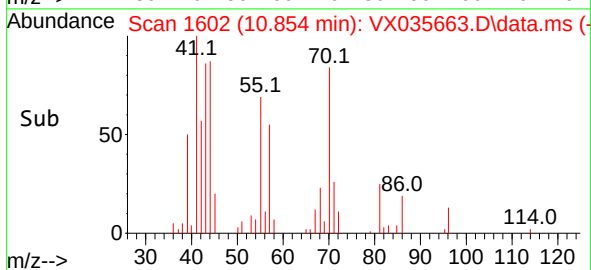
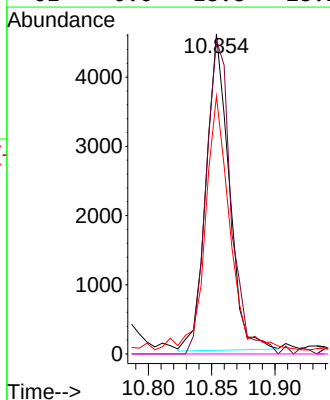
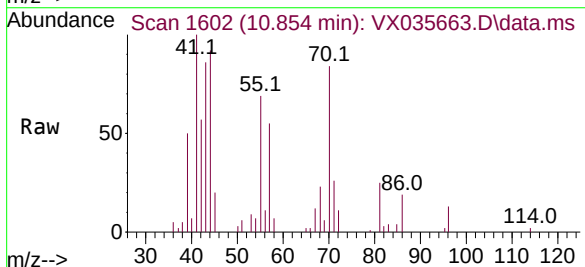
Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

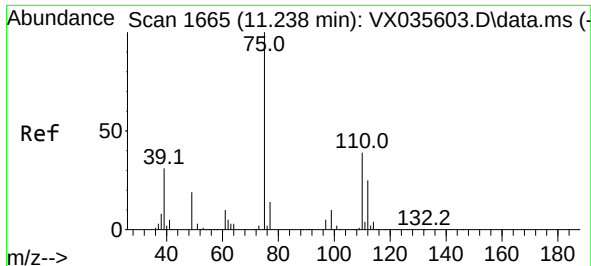
Tgt Ion:152 Resp: 139354
Ion Ratio Lower Upper
152 100
115 66.3 45.0 135.0
150 157.5 0.0 352.4



#74
N-ethyl acetate
Concen: 1.060 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 43 Resp: 5804
Ion Ratio Lower Upper
43 100
70 107.3 32.1 48.1#
55 87.2 18.3 27.5#
61 0.0 18.8 28.2#

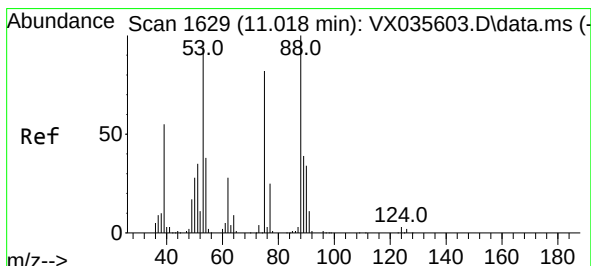
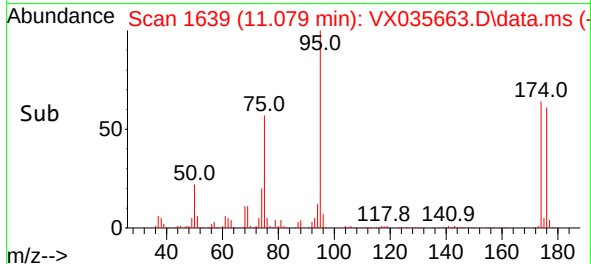
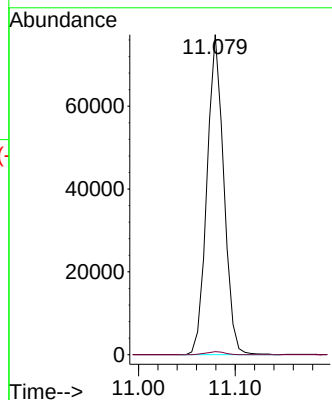
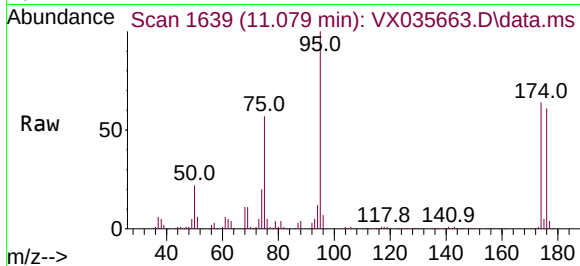




#76
1,2,3-Trichloropropane
Concen: 27.390 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Instrument :
MSVOA_X
ClientSampleId :
FSND-PRO-03-89-05072023

Tgt Ion: 75 Resp: 93362
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.273 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035663.D
Acq: 15 May 2023 14:26

Tgt Ion: 75 Resp: 93362
Ion Ratio Lower Upper
75 100
53 0.1 82.6 124.0#
89 0.0 36.9 55.3#

