

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035658.D
 Acq On : 15 May 2023 12:30
 Operator : JC/MD
 Sample : 02643-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-DUP-01-05032023

Quant Time: May 16 04:57:15 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)

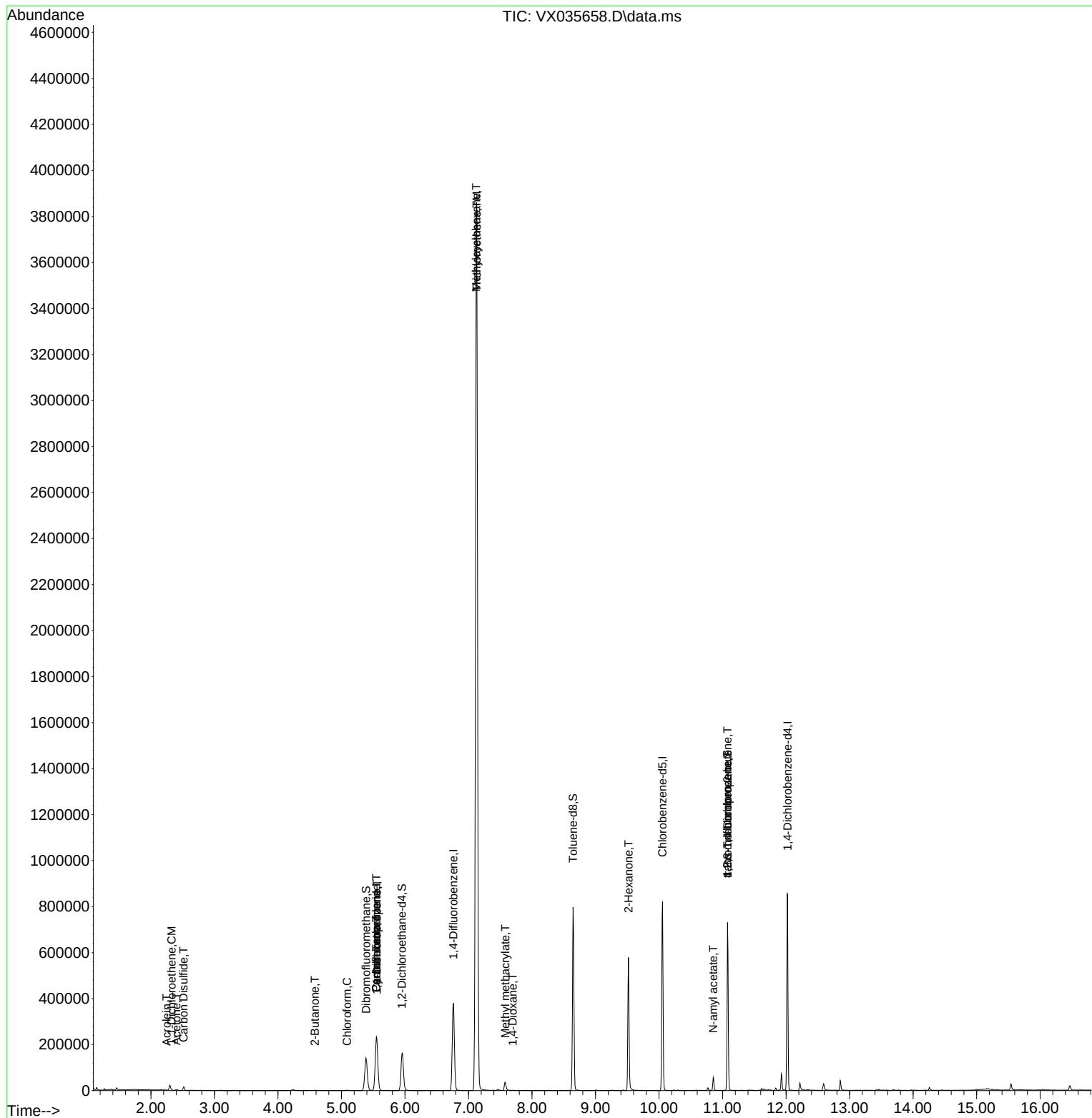
Internal Standards						
1) Pentafluorobenzene	5.549	168	200117	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367239	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169337	48.505	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.020%
35) Dibromofluoromethane	5.385	113	119886	48.407	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.646	98	445390	48.680	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.360%
62) 4-Bromofluorobenzene	11.079	95	189983	51.571	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.140%
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.324	96	796	0.357	ug/l	96
13) Acrolein	2.245	56	716	0.979	ug/l	87
16) Acetone	2.397	43	5667	3.777	ug/l	99
17) Carbon Disulfide	2.513	76	19087	3.549	ug/l	98
25) 2-Butanone	4.580	43	2275	1.095	ug/l	99
30) Chloroform	5.086	83	1411	0.275	ug/l	100
31) Cyclohexane	5.549	56	5736	1.300	ug/l	# 23
36) 1,1-Dichloropropene	5.555	75	18782	4.804	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	23340	6.303	ug/l	# 16
39) Methylcyclohexane	7.122	83	18840	4.094	ug/l	# 1
44) Trichloroethene	7.128	130	1432673	516.647	ug/l	94
48) Methyl methacrylate	7.579	41	11233	3.201	ug/l	# 48
49) 1,4-Dioxane	7.695	88	66	2.848	ug/l	# 1
59) 2-Hexanone	9.518	43	81626	26.460	ug/l	# 48
74) N-amyl acetate	10.853	43	7473	1.166	ug/l	# 5
76) 1,2,3-Trichloropropane	11.079	75	103809	26.013	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	103809	83.837	ug/l	# 8

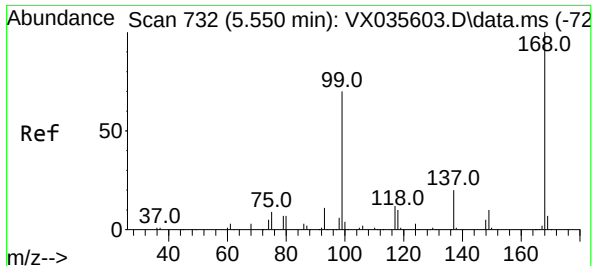
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-DUP-01-05032023

Quant Time: May 16 04:57:15 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

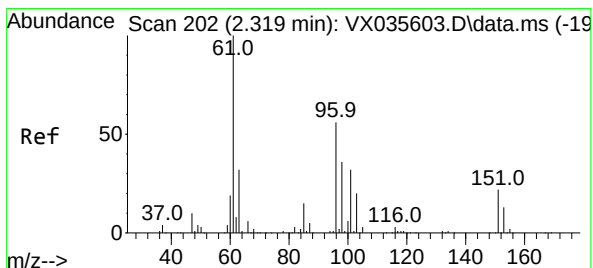
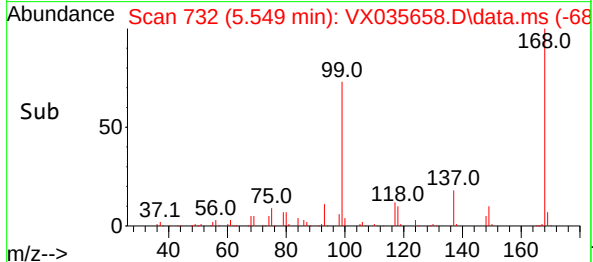
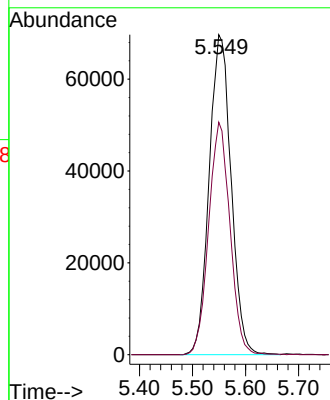
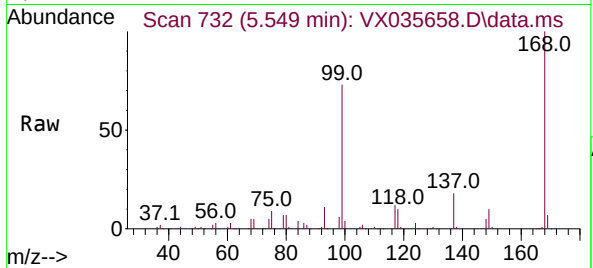




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

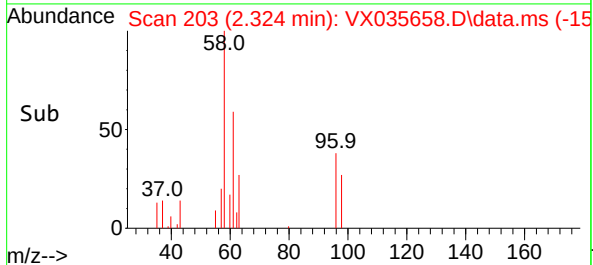
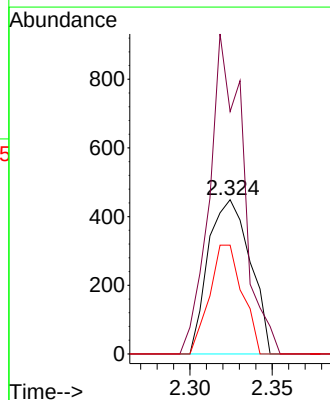
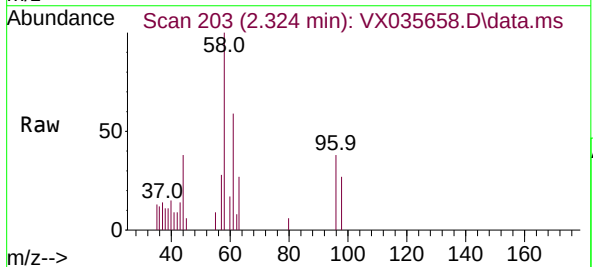
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023

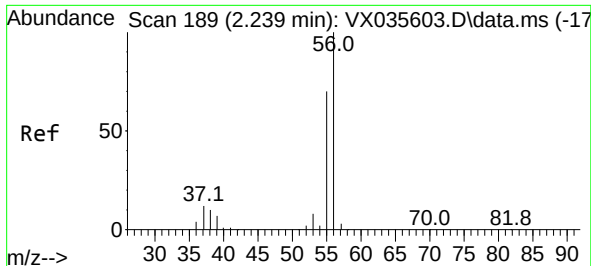
Tgt Ion:168 Resp: 200117
Ion Ratio Lower Upper
168 100
99 72.7 45.7 68.5#



#12
1,1-Dichloroethene
Concen: 0.357 ug/l
RT: 2.324 min Scan# 203
Delta R.T. 0.005 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Tgt Ion: 96 Resp: 796
Ion Ratio Lower Upper
96 100
61 157.2 128.8 193.2
98 70.6 51.4 77.0





#13

Acrolein

Concen: 0.979 ug/l

RT: 2.245 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX035658.D

Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

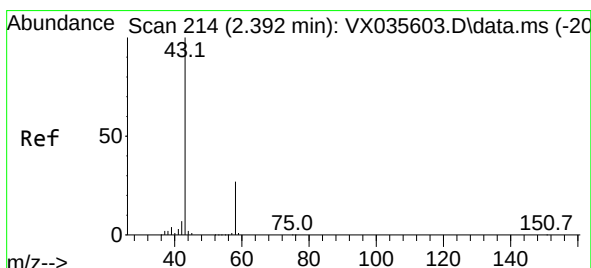
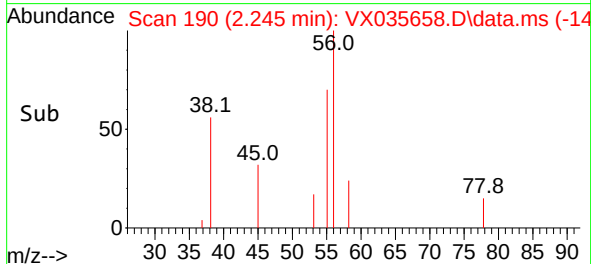
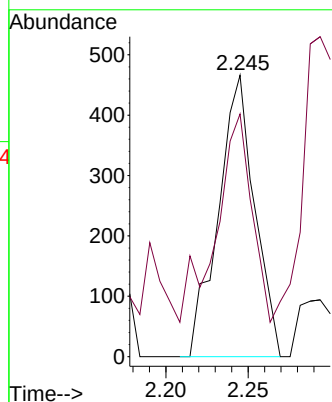
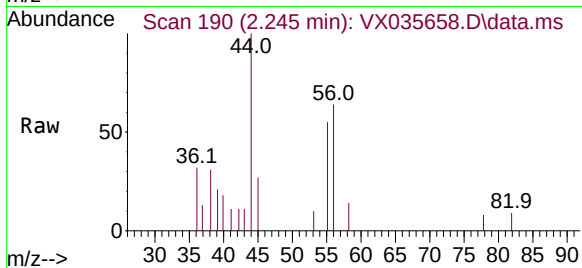
FSND-DUP-01-05032023

Tgt Ion: 56 Resp: 716

Ion Ratio Lower Upper

56 100

55 81.8 56.6 85.0



#16

Acetone

Concen: 3.777 ug/l

RT: 2.397 min Scan# 215

Delta R.T. 0.005 min

Lab File: VX035658.D

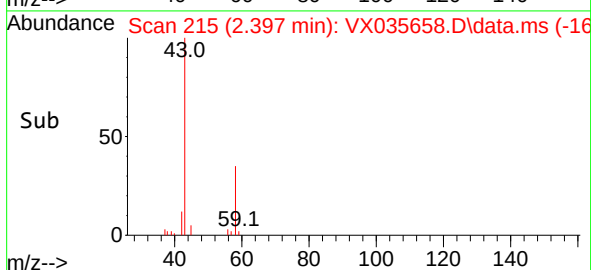
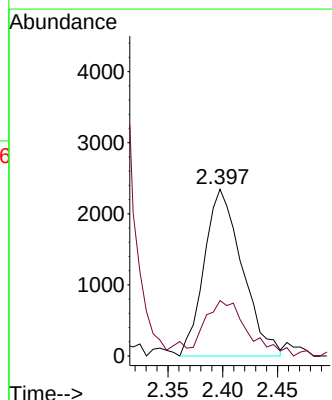
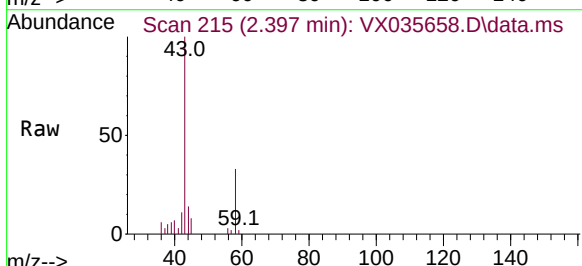
Acq: 15 May 2023 12:30

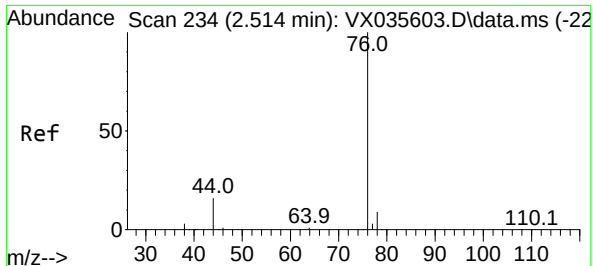
Tgt Ion: 43 Resp: 5667

Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1





#17

Carbon Disulfide

Concen: 3.549 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.001 min

Lab File: VX035658.D

Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

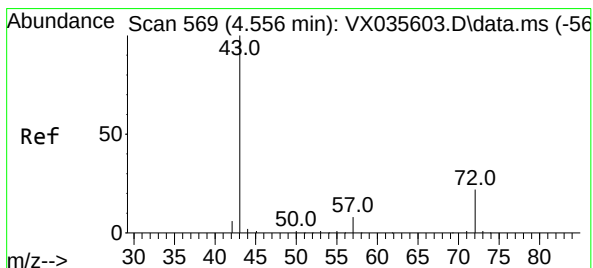
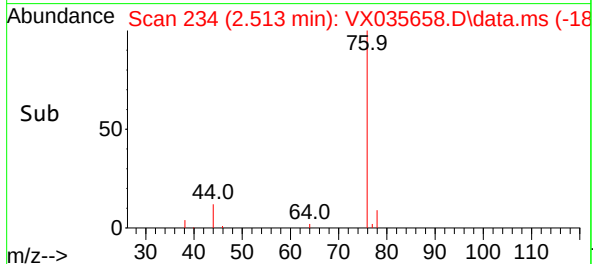
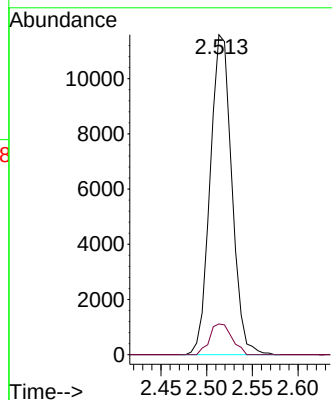
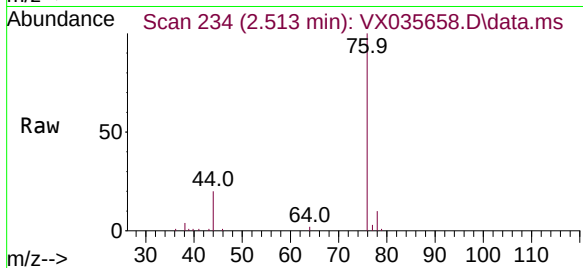
FSND-DUP-01-05032023

Tgt Ion: 76 Resp: 19087

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8



#25

2-Butanone

Concen: 1.095 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.024 min

Lab File: VX035658.D

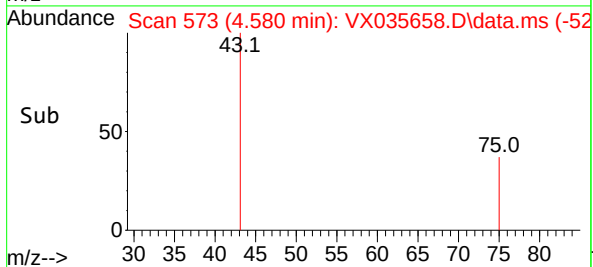
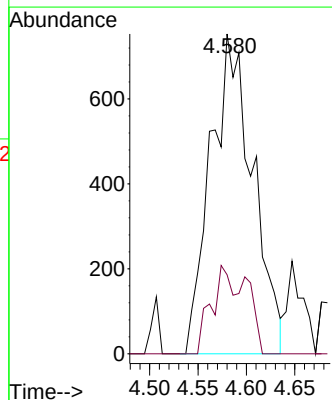
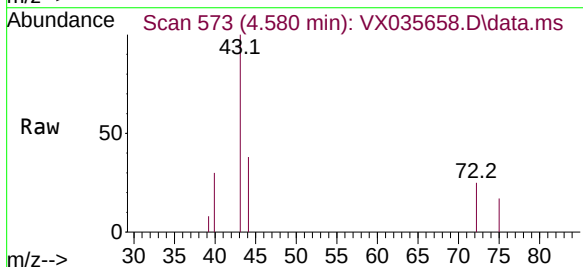
Acq: 15 May 2023 12:30

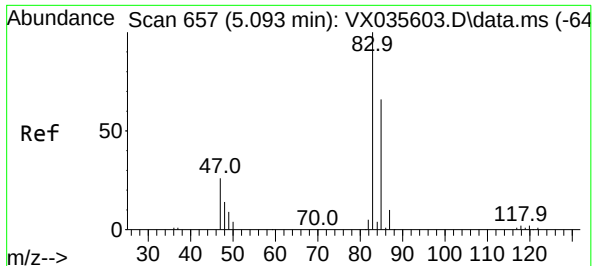
Tgt Ion: 43 Resp: 2275

Ion Ratio Lower Upper

43 100

72 24.7 19.3 28.9

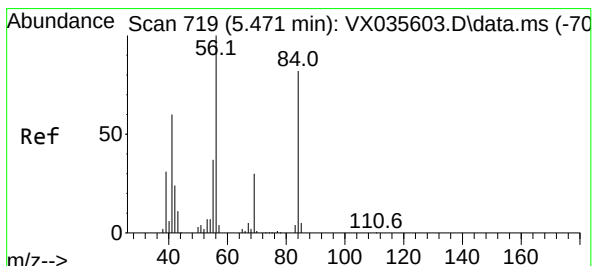
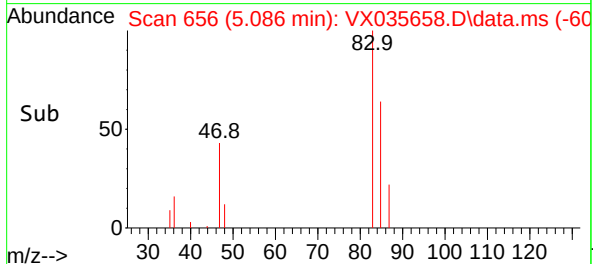
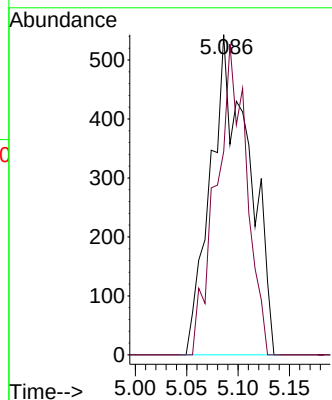
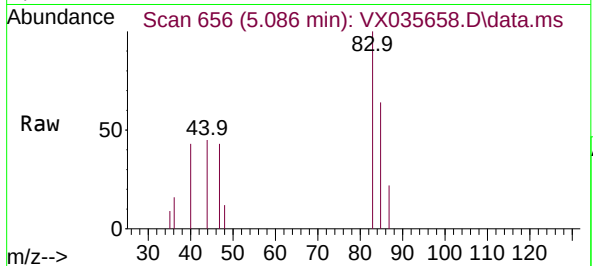




#30
Chloroform
Concen: 0.275 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

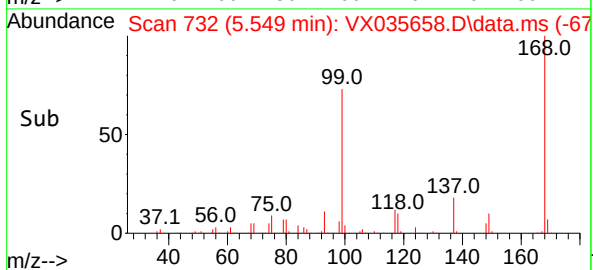
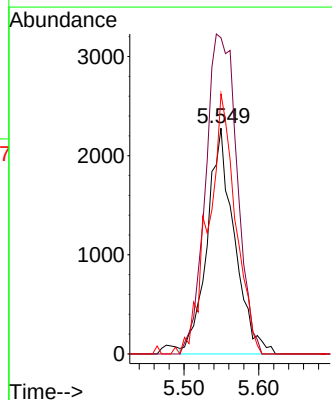
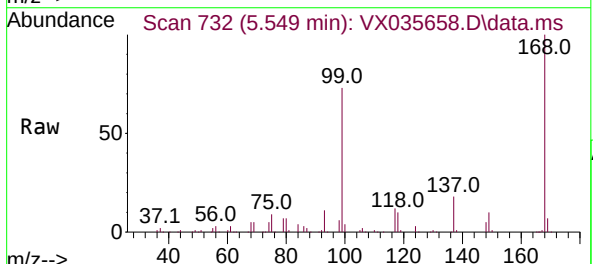
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023

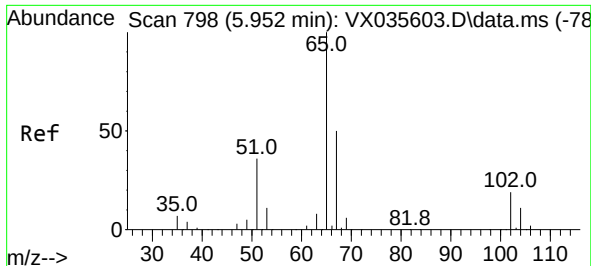
Tgt Ion: 83 Resp: 1411
Ion Ratio Lower Upper
83 100
85 63.5 50.6 76.0



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.078 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Tgt Ion: 56 Resp: 5736
Ion Ratio Lower Upper
56 100
69 140.0 23.7 35.5#
84 115.1 68.5 102.7#

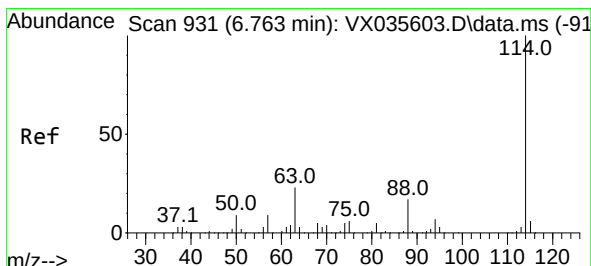
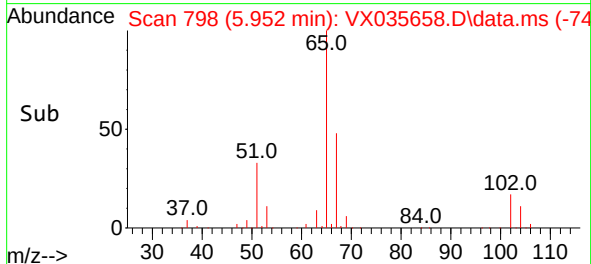
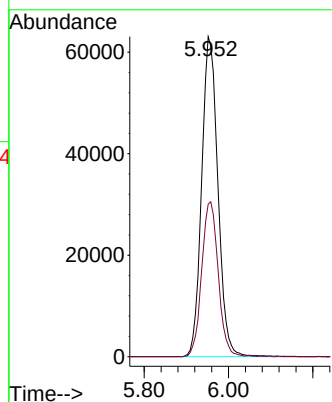
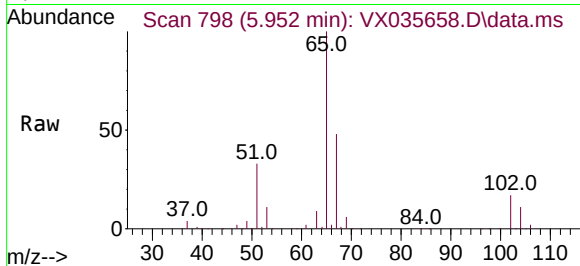




#33
 1,2-Dichloroethane-d4
 Concen: 48.505 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX035658.D
 Acq: 15 May 2023 12:30

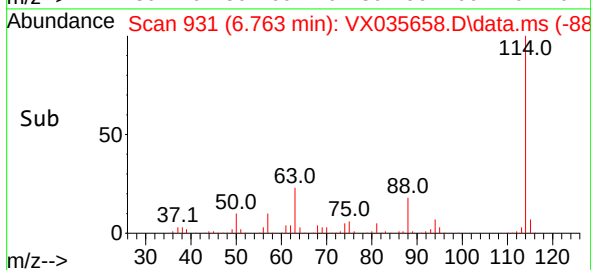
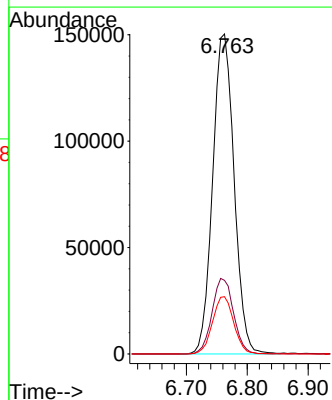
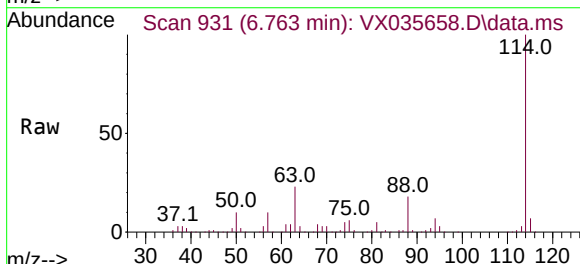
Instrument : MSVOA_X
 ClientSampleId : FSND-DUP-01-05032023

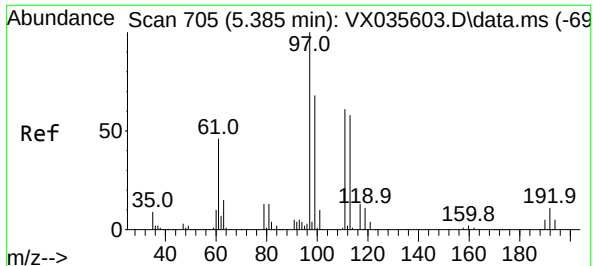
Tgt Ion: 65 Resp: 169337
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035658.D
 Acq: 15 May 2023 12:30

Tgt Ion: 114 Resp: 367239
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.2
 88 17.9 0.0 33.2

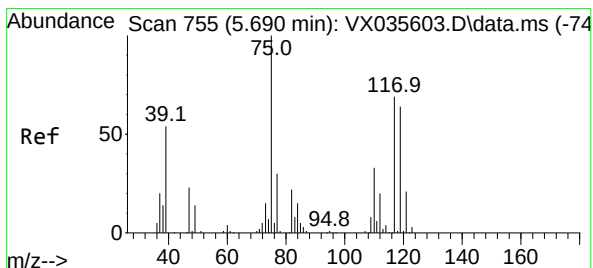
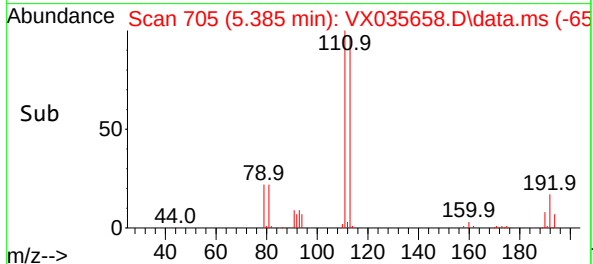
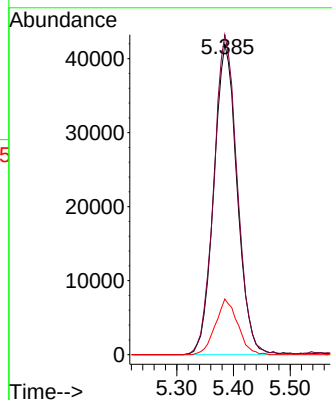
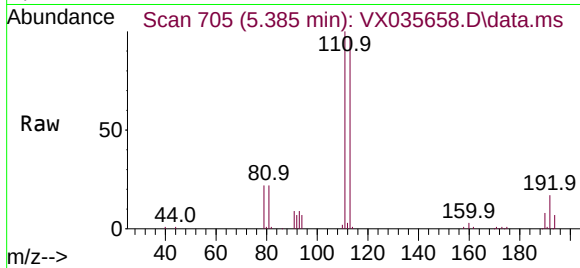




#35
Dibromofluoromethane
Concen: 48.407 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

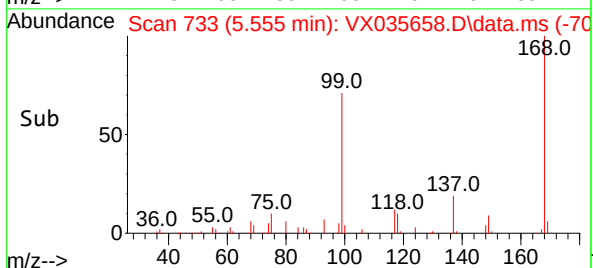
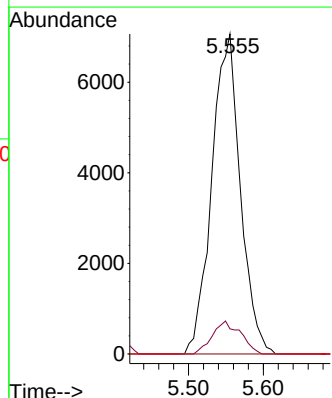
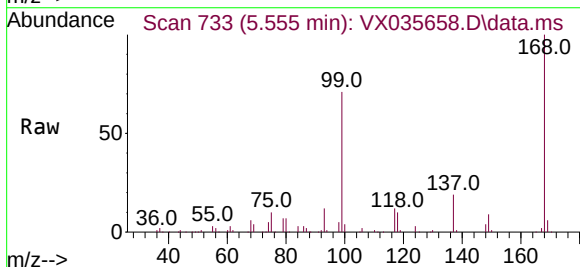
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FSND-DUP-01-05032023

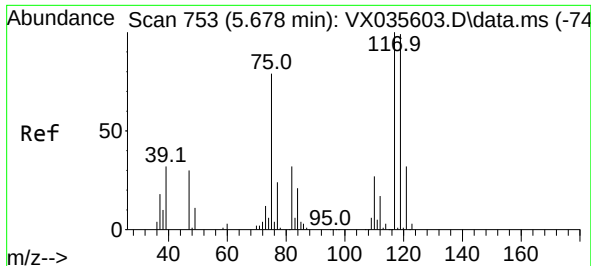
Tgt Ion:113 Resp: 119886
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 17.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.135 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

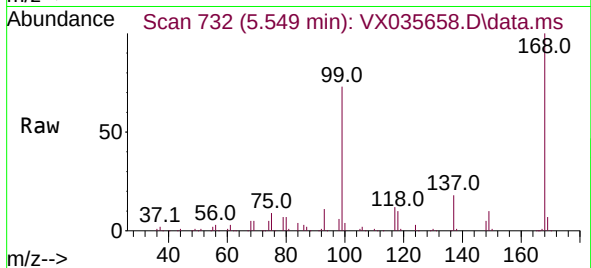
Tgt Ion: 75 Resp: 18782
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



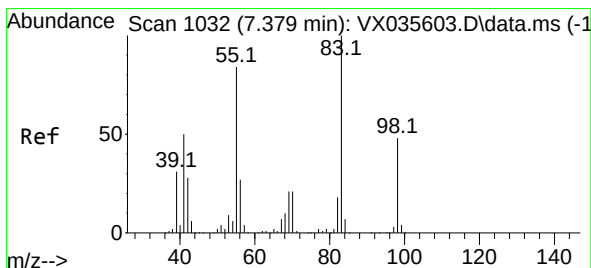
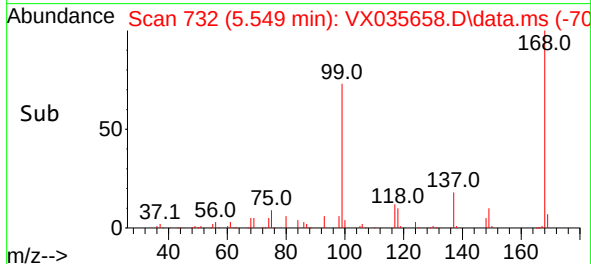
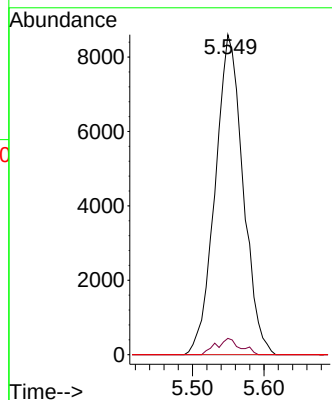


#38
Carbon Tetrachloride
Concen: 6.303 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.129 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023

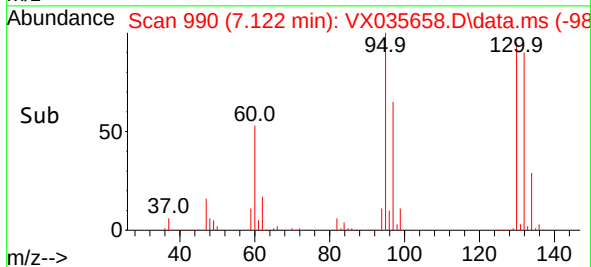
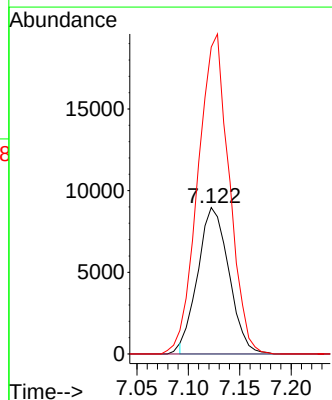
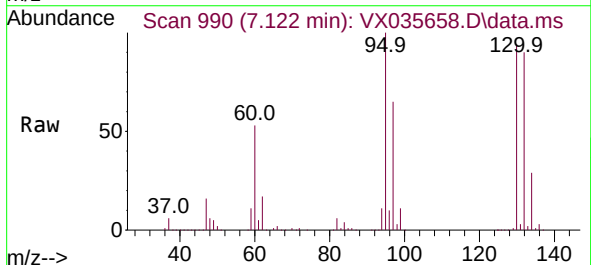


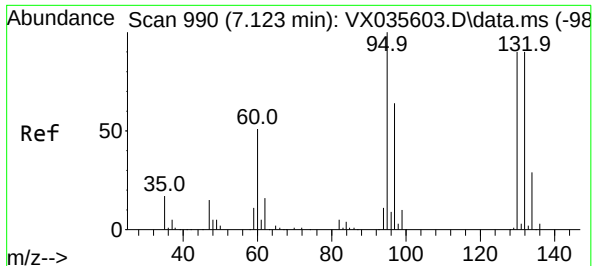
Tgt Ion:117 Resp: 23340
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 4.094 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.257 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Tgt Ion: 83 Resp: 18840
Ion Ratio Lower Upper
83 100
55 0.0 60.5 90.7#
98 209.6 40.4 60.6#

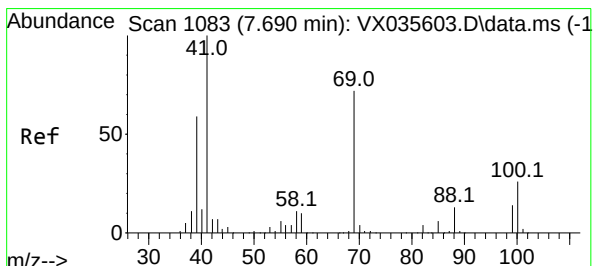
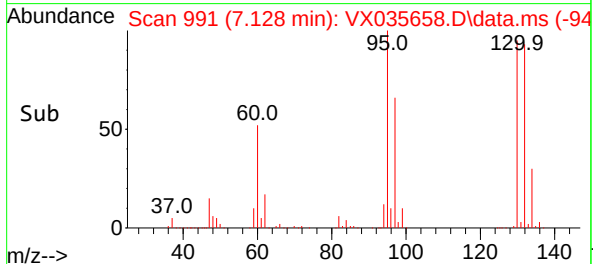
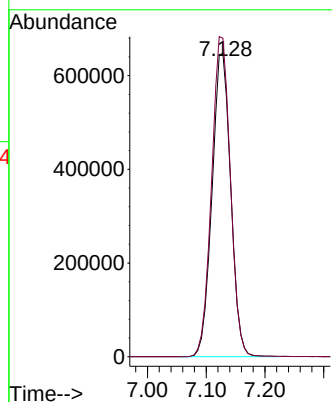
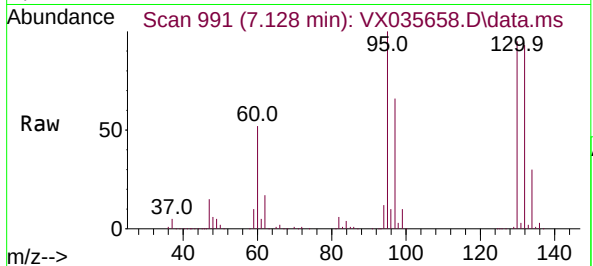




#44
Trichloroethene
Concen: 516.647 ug/l
RT: 7.128 min Scan# 990
Delta R.T. 0.005 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

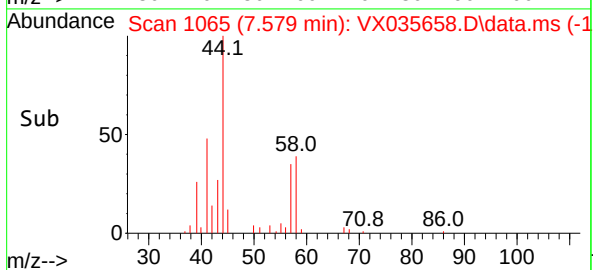
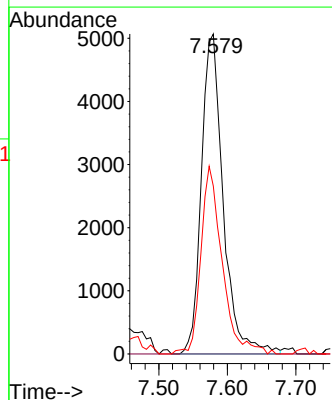
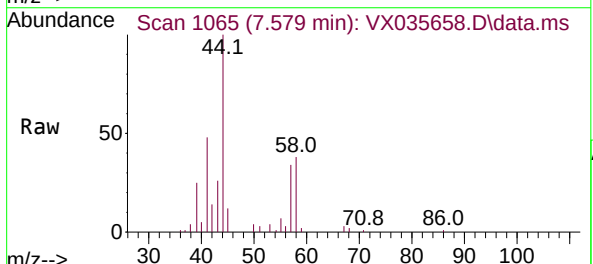
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023

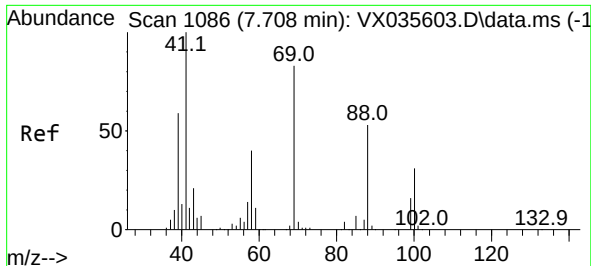
Tgt Ion:130 Resp: 1432673
Ion Ratio Lower Upper
130 100
95 105.1 0.0 198.4



#48
Methyl methacrylate
Concen: 3.201 ug/l
RT: 7.579 min Scan# 1065
Delta R.T. -0.111 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Tgt Ion: 41 Resp: 11233
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 57.3 47.7 71.5





#49

1,4-Dioxane

Concen: 2.848 ug/l

RT: 7.695 min Scan# 1086

Delta R.T. -0.013 min

Lab File: VX035658.D

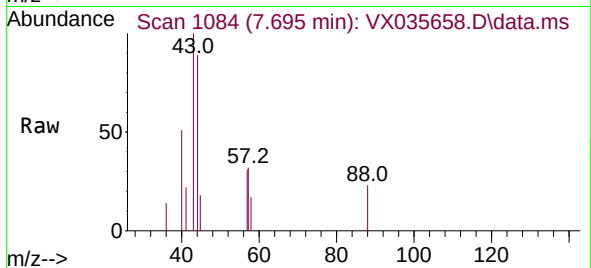
Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023



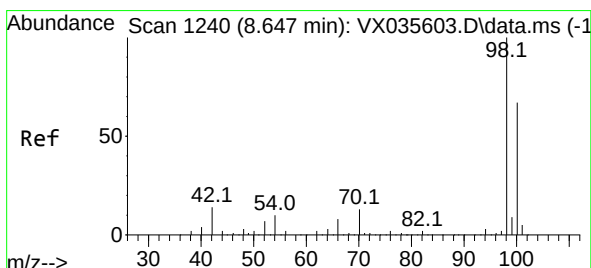
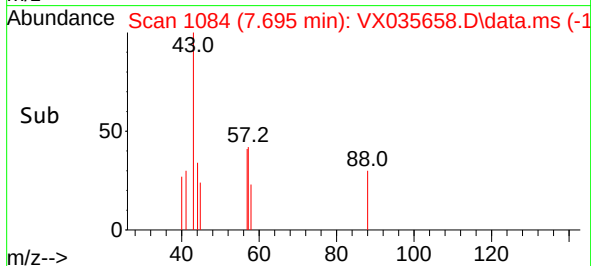
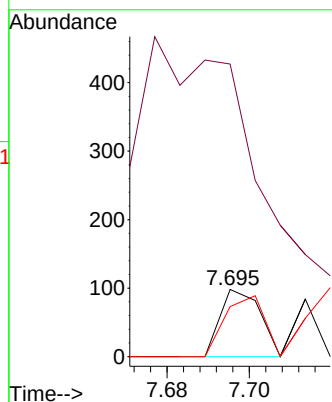
Tgt Ion: 88 Resp: 66

Ion Ratio Lower Upper

88 100

43 1772.7 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 48.680 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.001 min

Lab File: VX035658.D

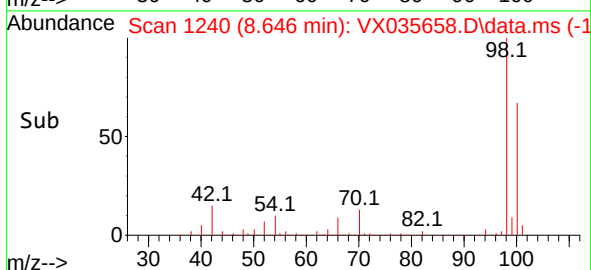
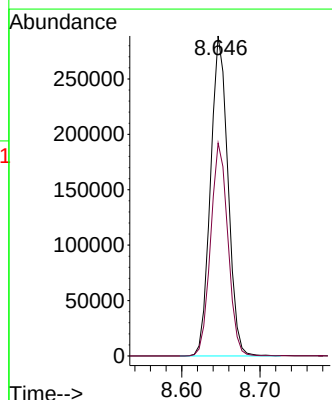
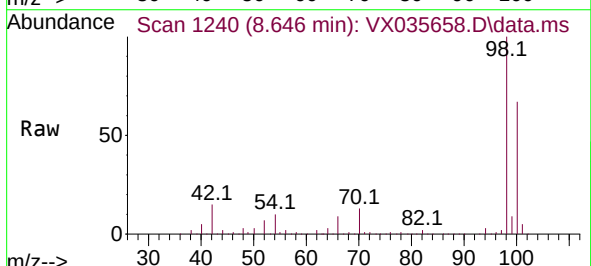
Acq: 15 May 2023 12:30

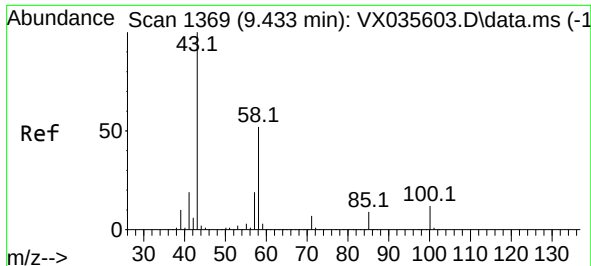
Tgt Ion: 98 Resp: 445390

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#59

2-Hexanone

Concen: 26.460 ug/l

RT: 9.518 min Scan# 11

Delta R.T. 0.085 min

Lab File: VX035658.D

Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

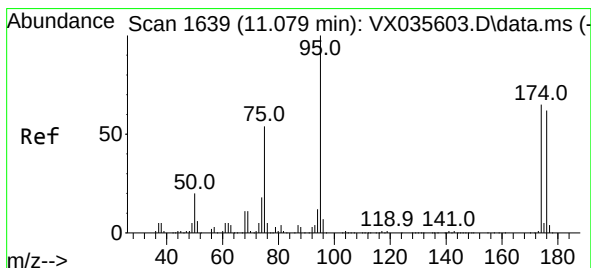
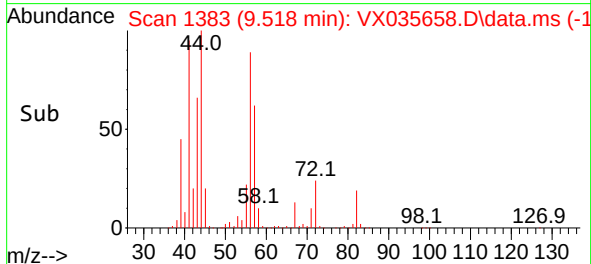
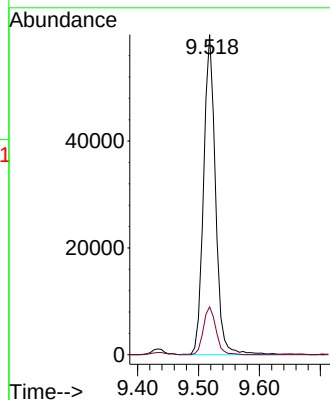
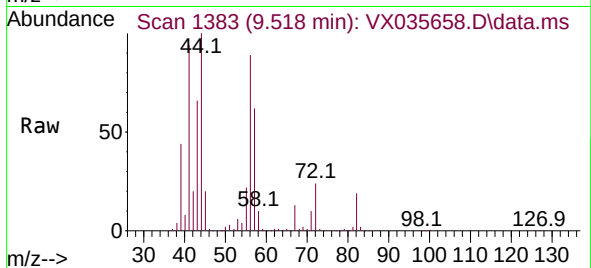
FSND-DUP-01-05032023

Tgt Ion: 43 Resp: 81626

Ion Ratio Lower Upper

43 100

58 15.8 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 51.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035658.D

Acq: 15 May 2023 12:30

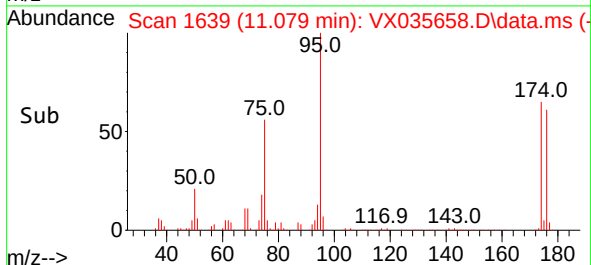
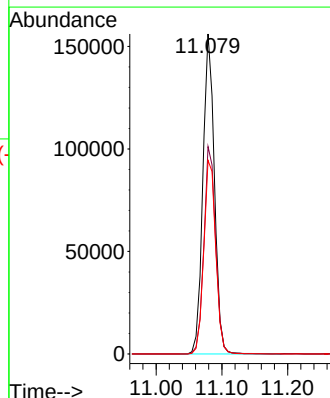
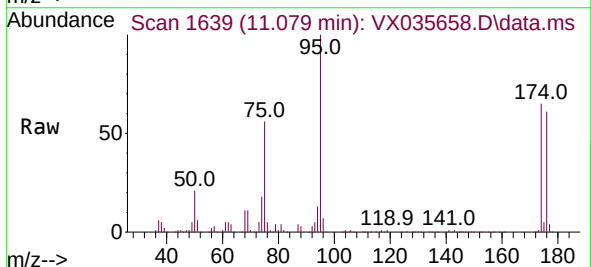
Tgt Ion: 95 Resp: 189983

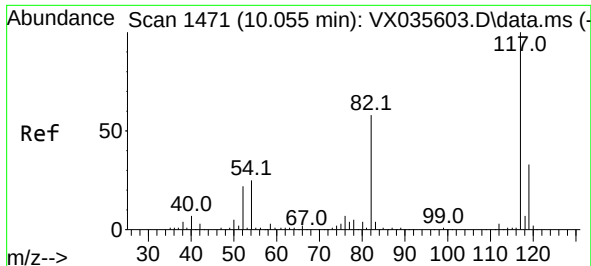
Ion Ratio Lower Upper

95 100

174 65.8 0.0 147.4

176 62.8 0.0 140.6

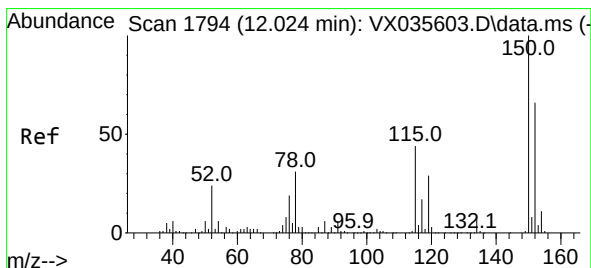
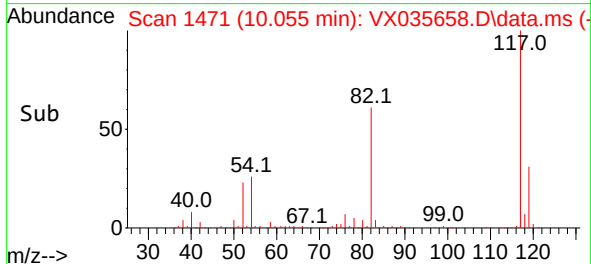
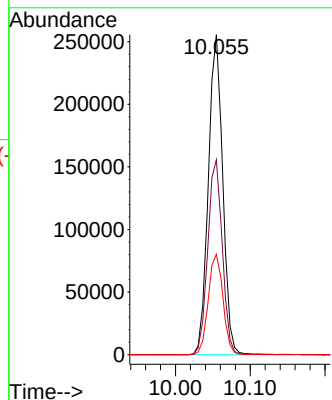
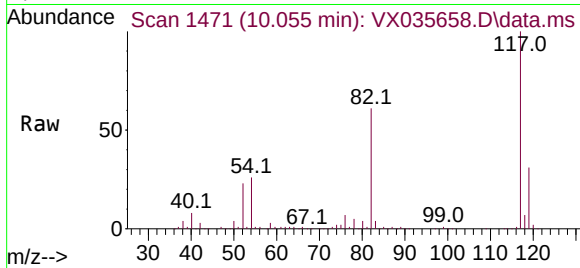




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

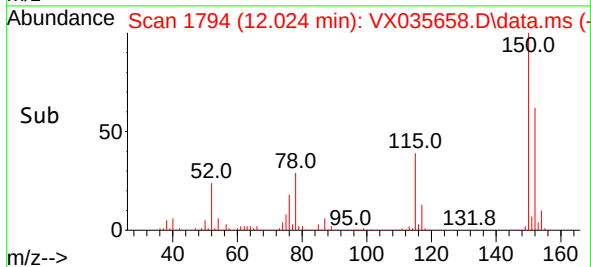
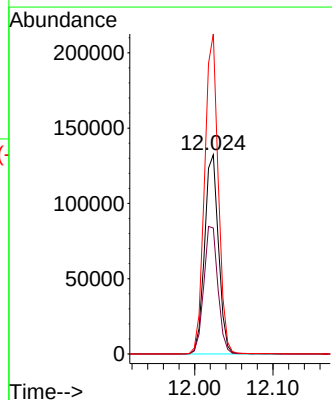
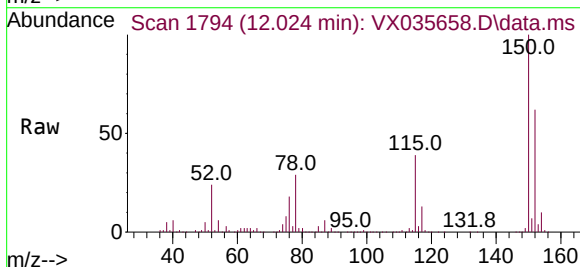
Instrument :
MSVOA_X
ClientSampleId :
FSND-DUP-01-05032023

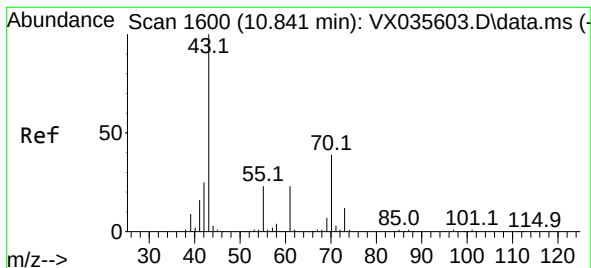
Tgt Ion:117 Resp: 341328
Ion Ratio Lower Upper
117 100
82 60.9 45.0 67.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035658.D
Acq: 15 May 2023 12:30

Tgt Ion:152 Resp: 163147
Ion Ratio Lower Upper
152 100
115 64.9 45.0 135.0
150 157.8 0.0 352.4





#74

N-amy1 acetate

Concen: 1.166 ug/l

RT: 10.853 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX035658.D

Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023

Tgt Ion: 43 Resp: 7473

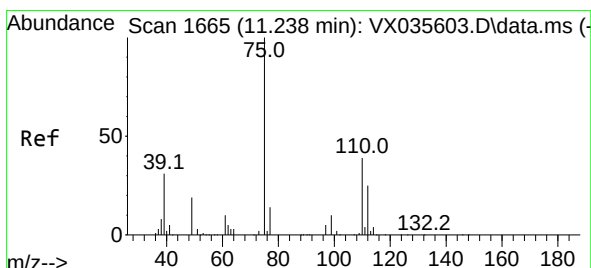
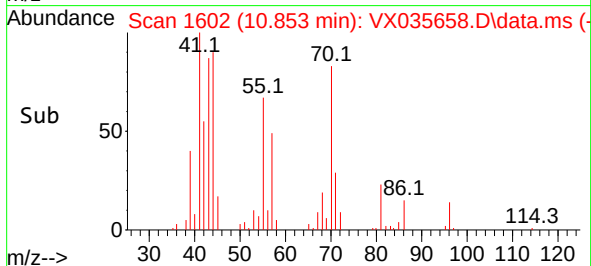
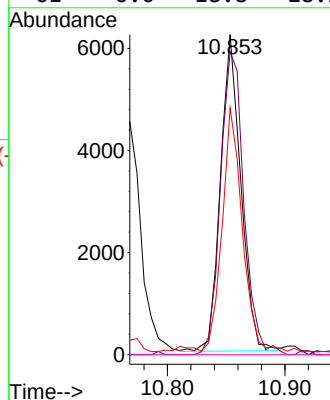
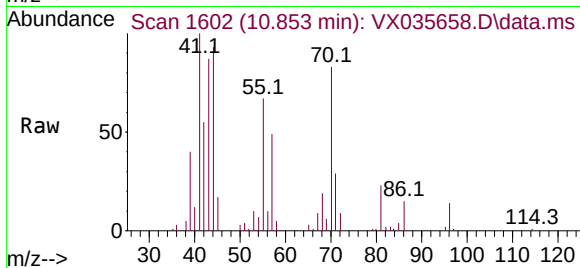
Ion Ratio Lower Upper

43 100

70 109.8 32.1 48.1#

55 76.4 18.3 27.5#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 26.013 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035658.D

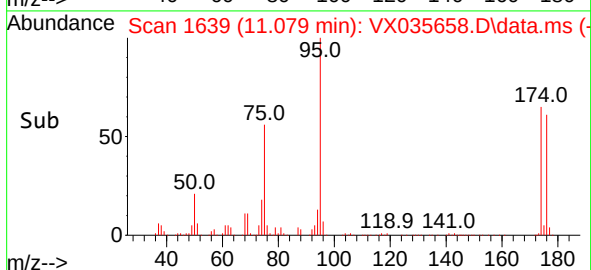
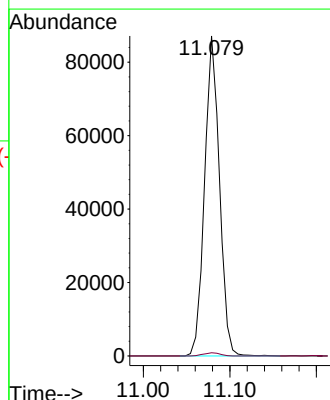
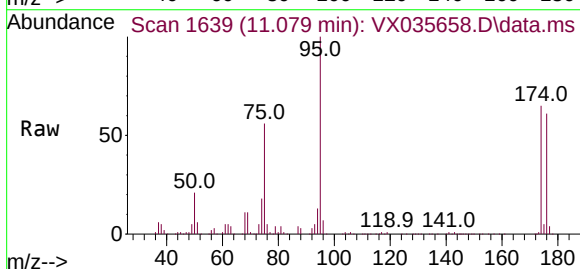
Acq: 15 May 2023 12:30

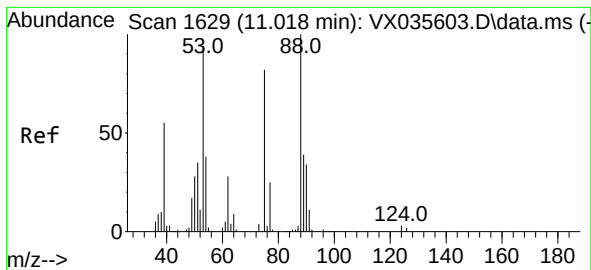
Tgt Ion: 75 Resp: 103809

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 83.837 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035658.D

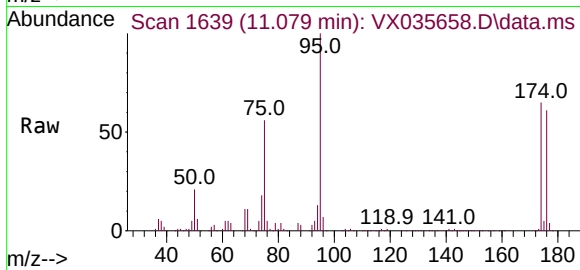
Acq: 15 May 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

FSND-DUP-01-05032023



Tgt Ion: 75 Resp: 103809

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

