

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035671.D
 Acq On : 15 May 2023 17:32
 Operator : JC/MD
 Sample : 02751-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-05-05072023

Quant Time: May 16 05:02:26 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)

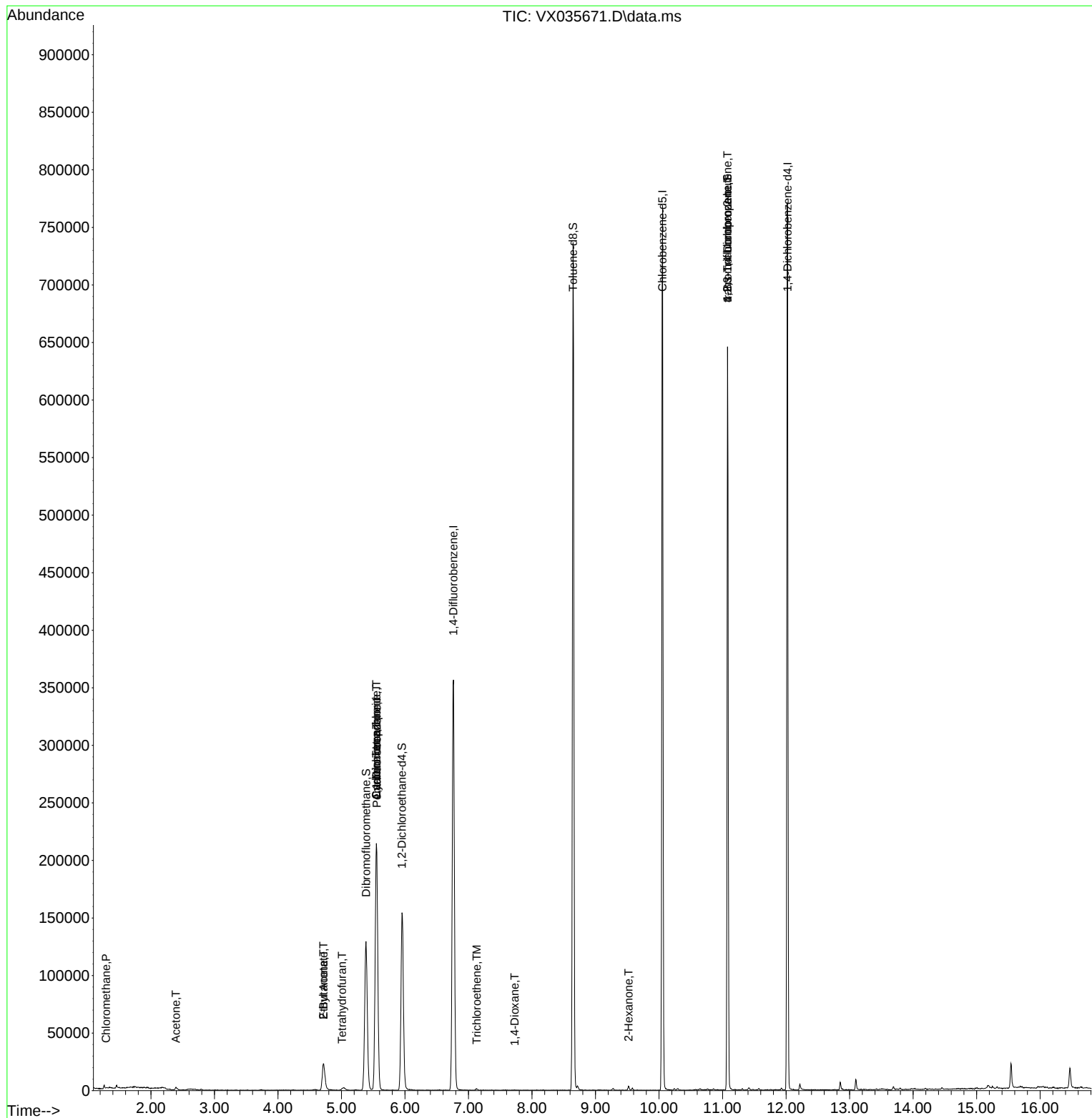
Internal Standards						
1) Pentafluorobenzene	5.556	168	183572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156350	48.822	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	110194	47.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.820%
50) Toluene-d8	8.647	98	408250	48.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	172650	50.460	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.920%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	657	0.226	ug/l #	85
16) Acetone	2.392	43	2974	2.161	ug/l	98
25) 2-Butanone	4.715	43	44175	23.184	ug/l #	51
29) Tetrahydrofuran	5.007	42	659	0.550	ug/l #	34
31) Cyclohexane	5.550	56	4843	1.197	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18066	4.976	ug/l #	51
37) Ethyl Acetate	4.715	43	44175	11.665	ug/l	99
38) Carbon Tetrachloride	5.550	117	21525	6.258	ug/l #	16
44) Trichloroethene	7.129	130	551	0.214	ug/l	63
49) 1,4-Dioxane	7.726	88	201	4.780	ug/l #	33
59) 2-Hexanone	9.519	43	618	0.216	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	92955	26.444	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	92955	85.226	ug/l #	8

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

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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

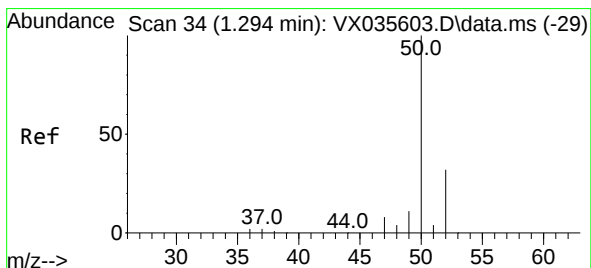
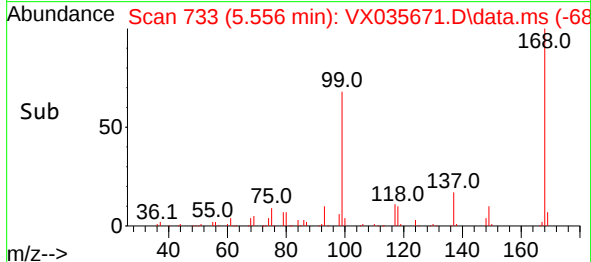
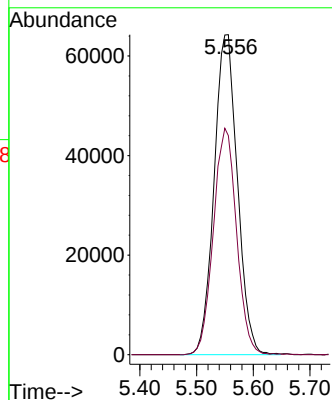
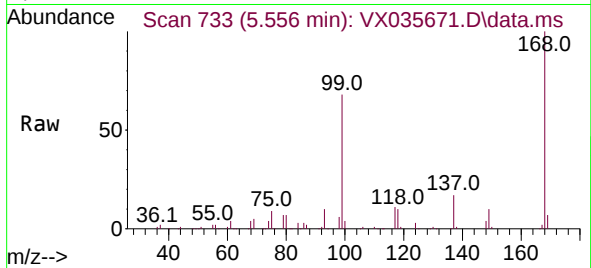




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

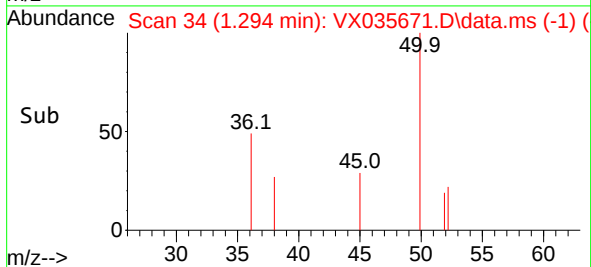
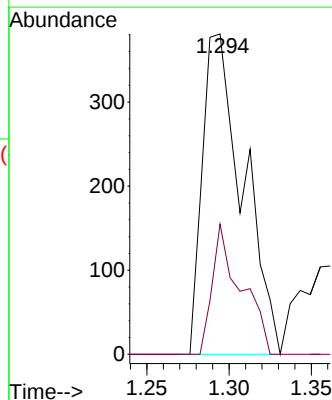
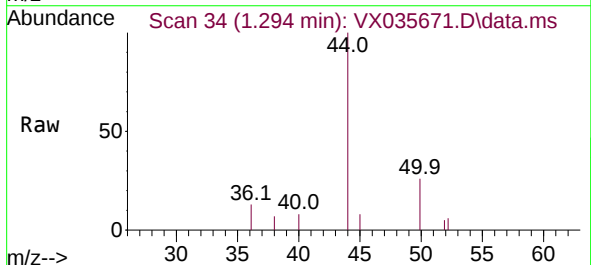
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-05-05072023

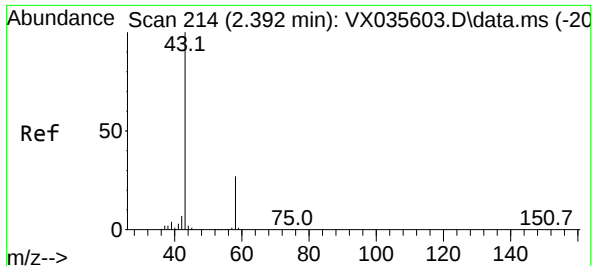
Tgt Ion:168 Resp: 183572
Ion Ratio Lower Upper
168 100
99 68.5 45.7 68.5



#3
Chloromethane
Concen: 0.226 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

Tgt Ion: 50 Resp: 657
Ion Ratio Lower Upper
50 100
52 40.7 25.9 38.9#

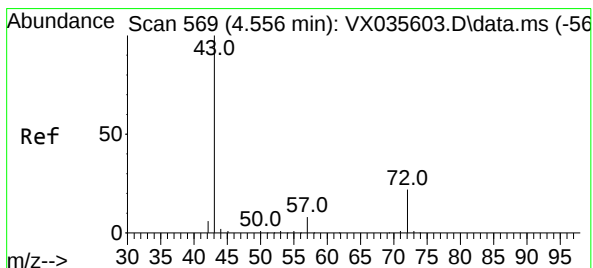
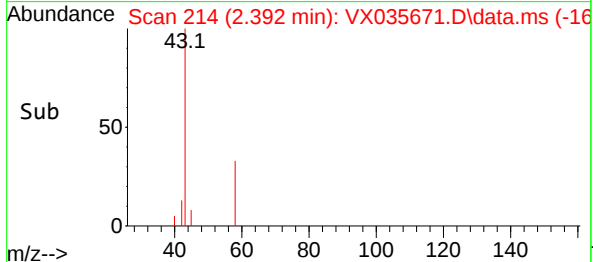
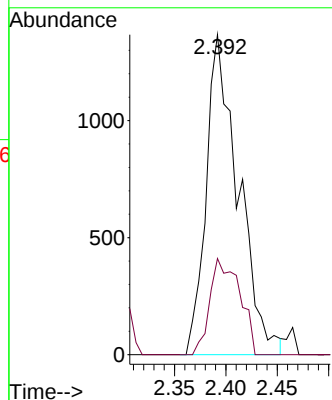
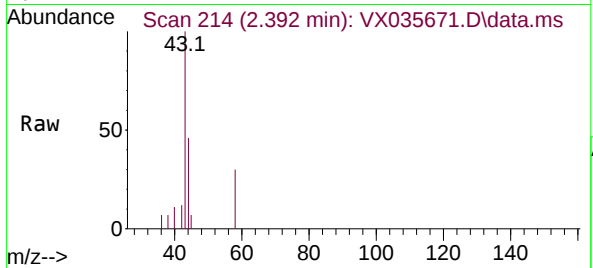




#16
Acetone
Concen: 2.161 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

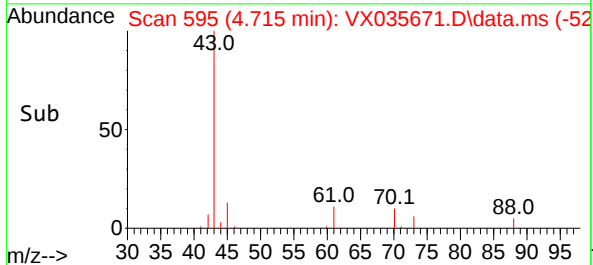
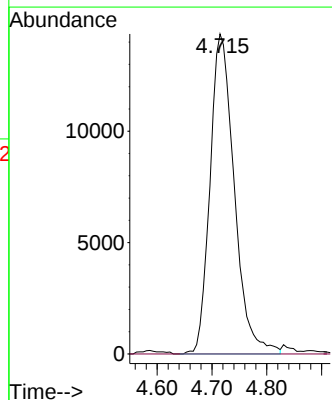
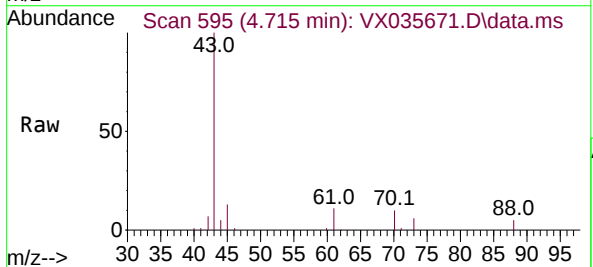
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-05-05072023

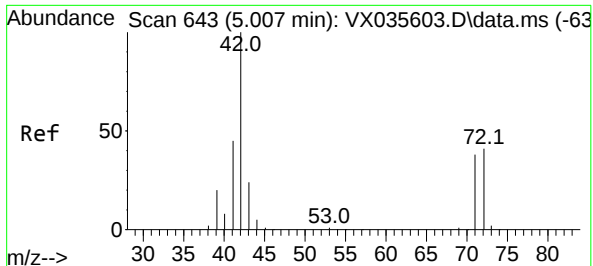
Tgt Ion: 43 Resp: 2974
Ion Ratio Lower Upper
43 100
58 30.1 24.7 37.1



#25
2-Butanone
Concen: 23.184 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.159 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

Tgt Ion: 43 Resp: 44175
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





#29

Tetrahydrofuran

Concen: 0.550 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-05-05072023

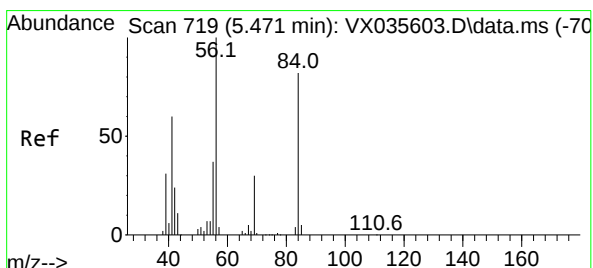
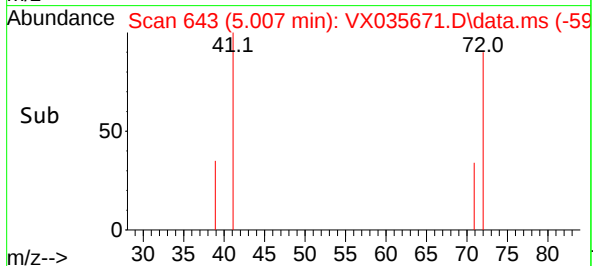
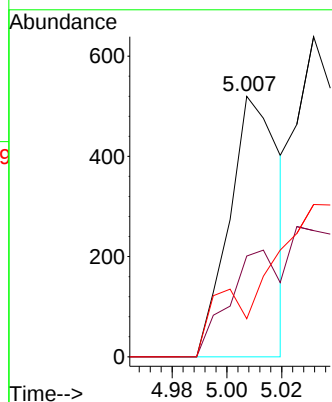
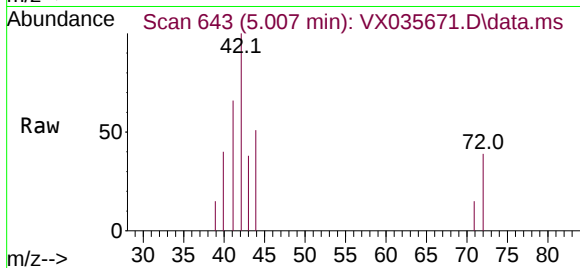
Tgt Ion: 42 Resp: 659

Ion Ratio Lower Upper

42 100

72 0.0 34.5 51.7#

71 0.0 32.1 48.1#



#31

Cyclohexane

Concen: 1.197 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

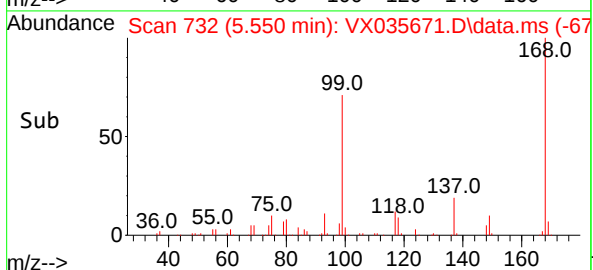
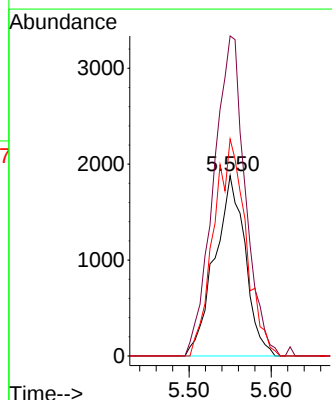
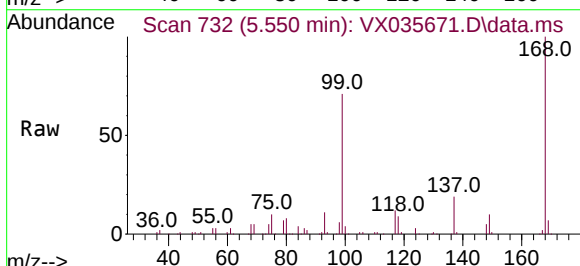
Tgt Ion: 56 Resp: 4843

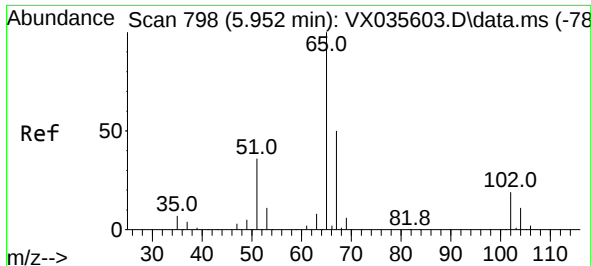
Ion Ratio Lower Upper

56 100

69 177.4 23.7 35.5#

84 120.3 68.5 102.7#

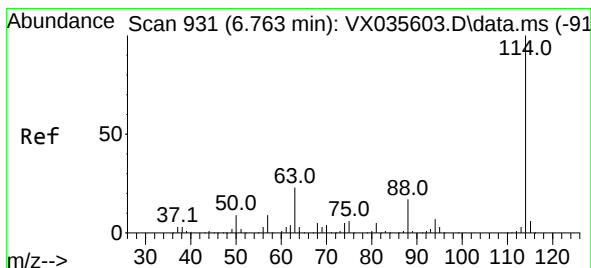
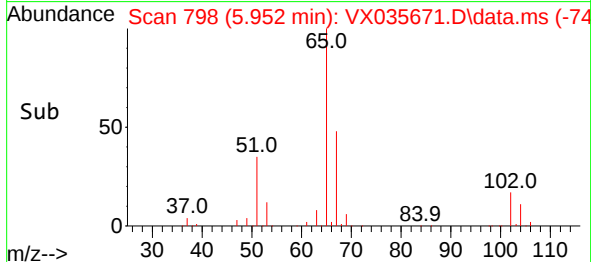
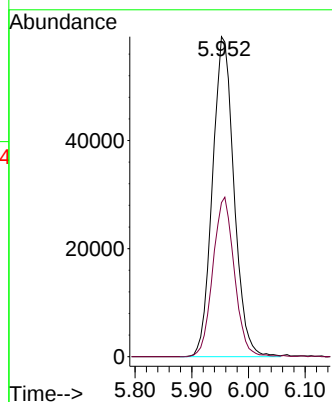
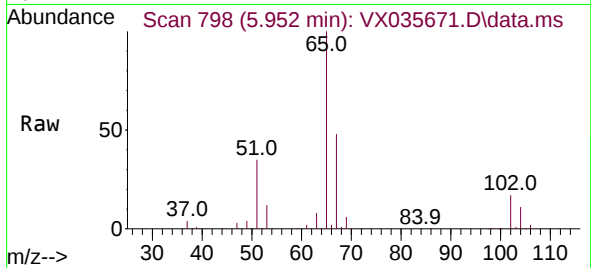




#33
 1,2-Dichloroethane-d4
 Concen: 48.822 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035671.D
 Acq: 15 May 2023 17:32

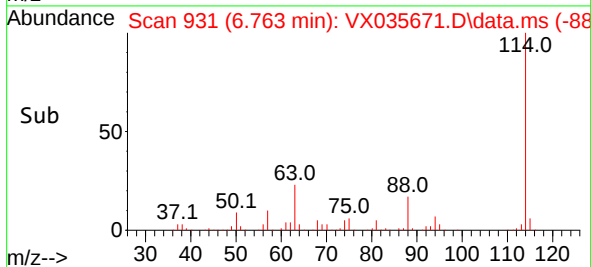
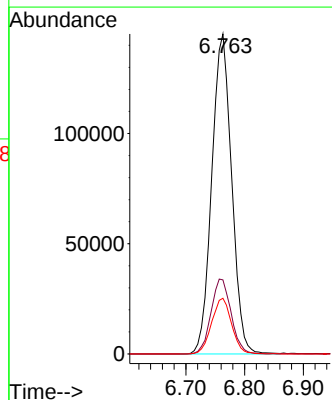
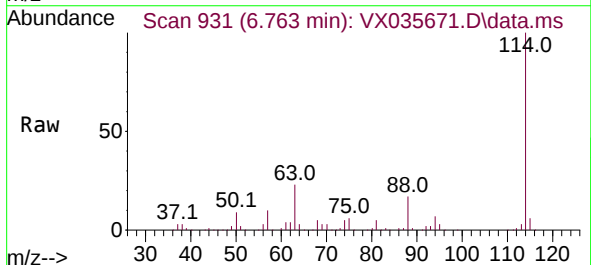
Instrument :
 MSVOA_X
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 FSND-EQB-05-05072023

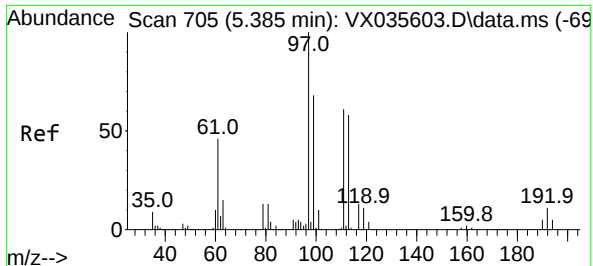
Tgt Ion: 65 Resp: 156350
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX035671.D
 Acq: 15 May 2023 17:32

Tgt Ion: 114 Resp: 341079
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 42.2
 88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.906 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-05-05072023

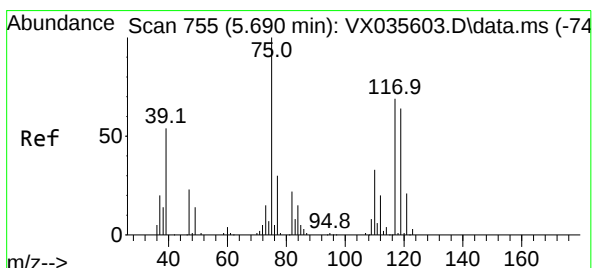
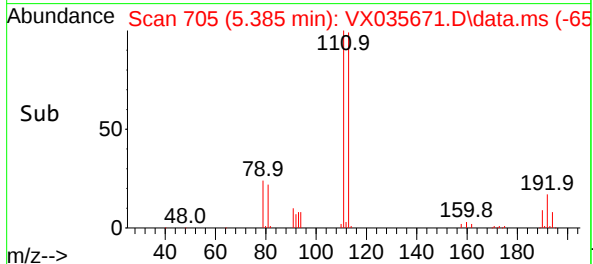
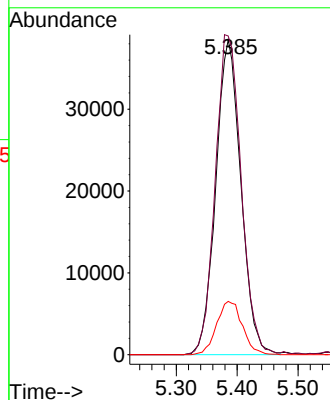
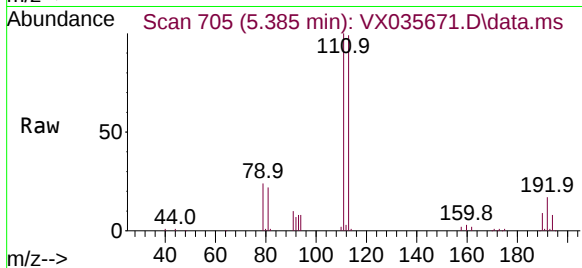
Tgt Ion:113 Resp: 110194

Ion Ratio Lower Upper

113 100

111 104.7 83.7 125.5

192 17.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.976 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

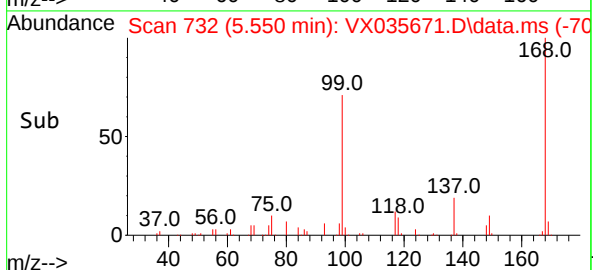
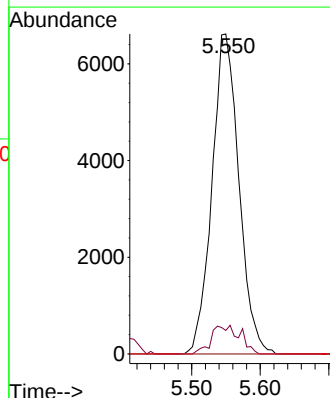
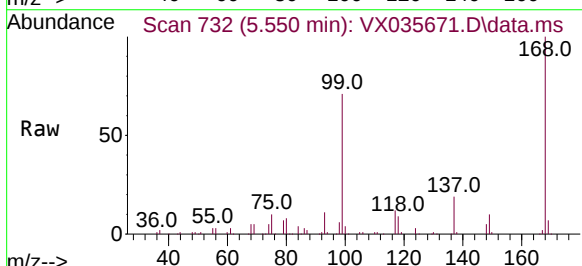
Tgt Ion: 75 Resp: 18066

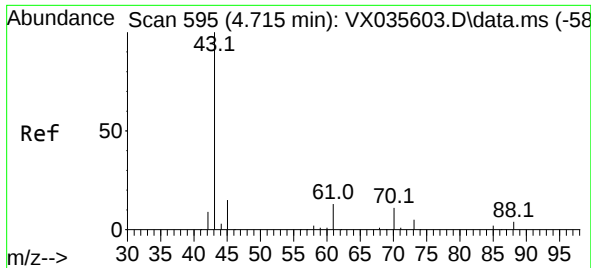
Ion Ratio Lower Upper

75 100

110 9.5 17.5 52.5#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 11.665 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

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ClientSampleId :

FSND-EQB-05-05072023

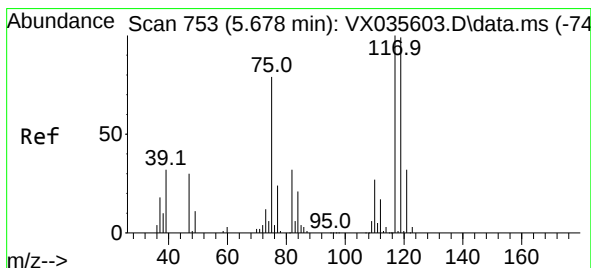
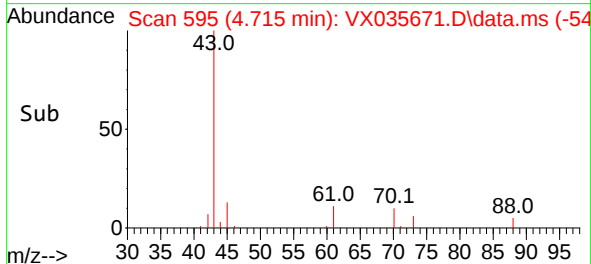
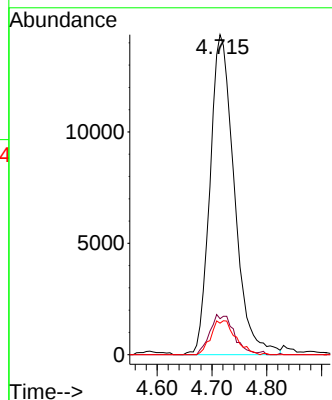
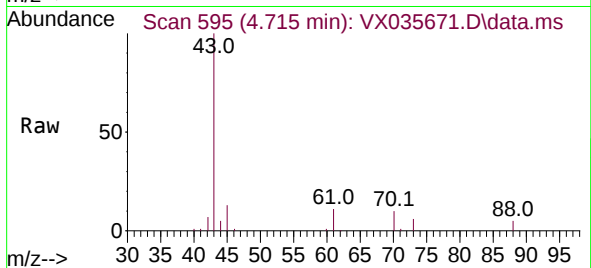
Tgt Ion: 43 Resp: 44175

Ion Ratio Lower Upper

43 100

61 12.4 10.2 15.4

70 10.7 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.258 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

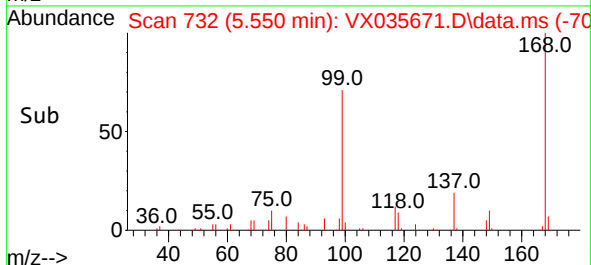
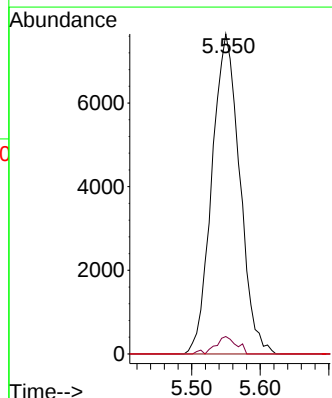
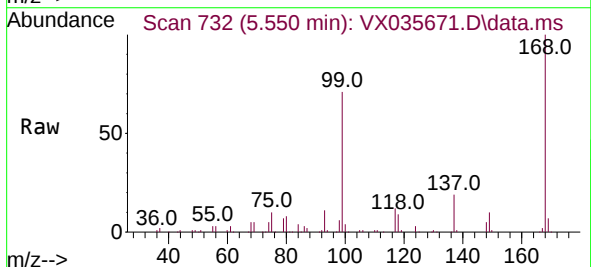
Tgt Ion: 117 Resp: 21525

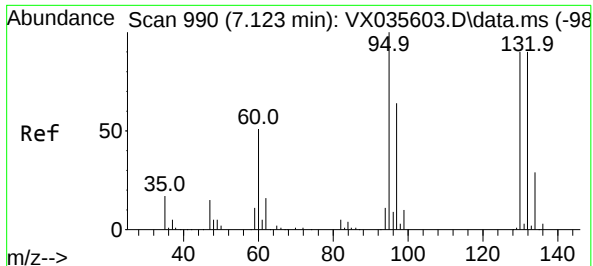
Ion Ratio Lower Upper

117 100

119 5.4 76.6 114.8#

121 0.0 23.8 35.6#





#44

Trichloroethene

Concen: 0.214 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

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ClientSampleId :

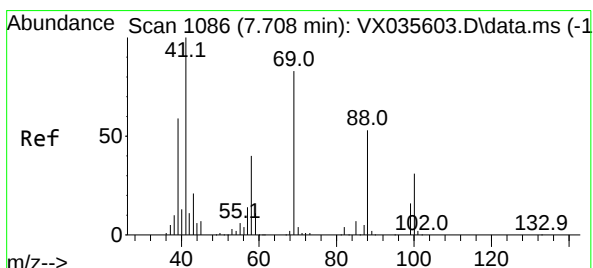
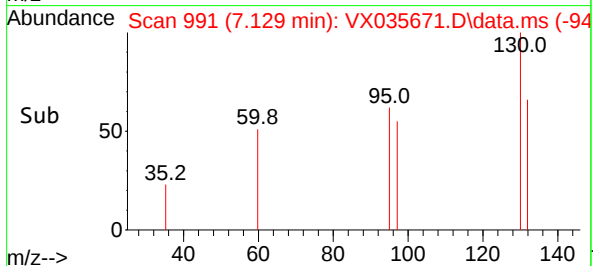
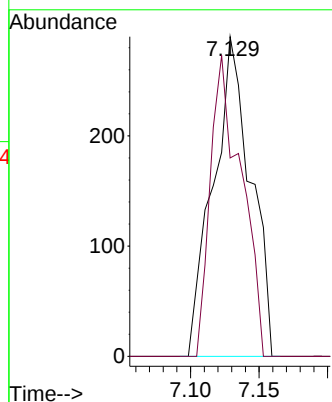
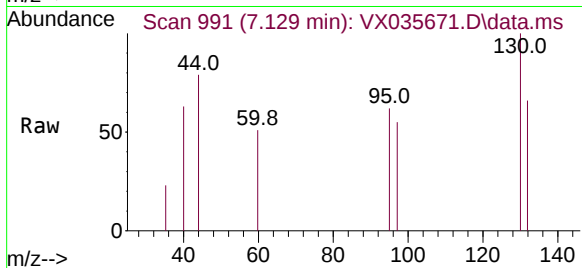
FSND-EQB-05-05072023

Tgt Ion:130 Resp: 551

Ion Ratio Lower Upper

130 100

95 62.1 0.0 198.4



#49

1,4-Dioxane

Concen: 4.780 ug/l

RT: 7.726 min Scan# 1089

Delta R.T. 0.018 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

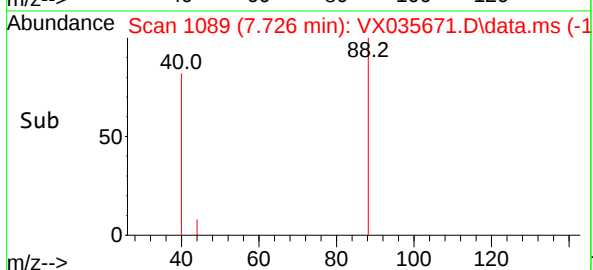
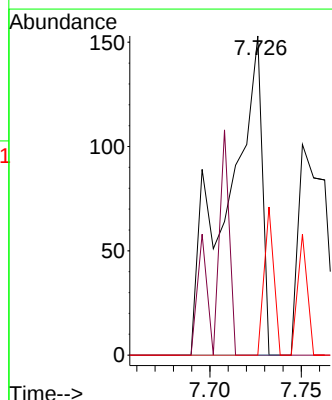
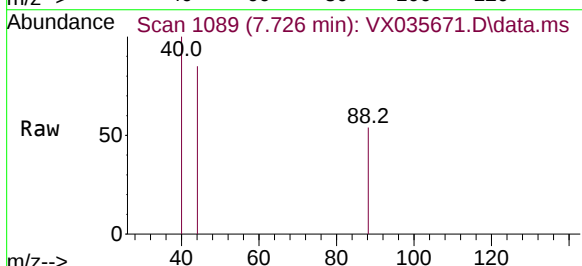
Tgt Ion: 88 Resp: 201

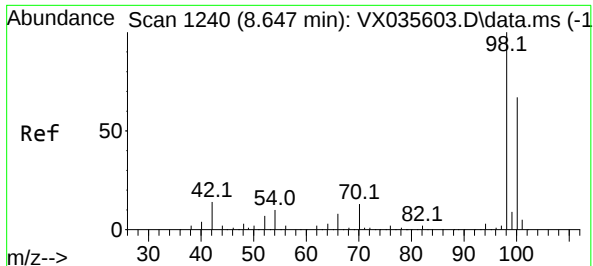
Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 12.9 56.8 85.2#





#50

Toluene-d8

Concen: 48.043 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035671.D

Acq: 15 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

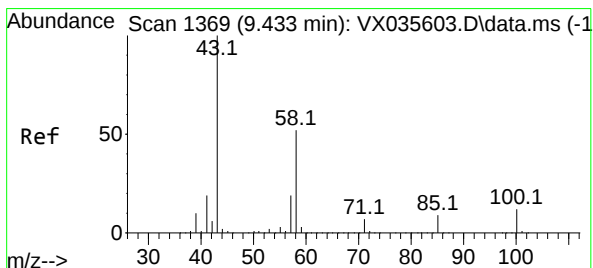
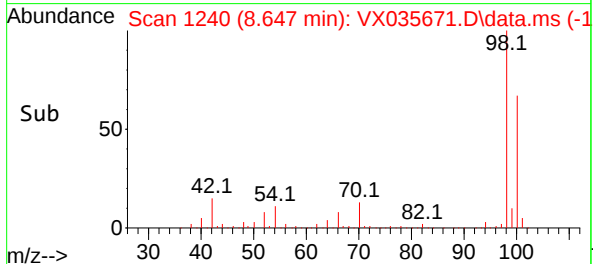
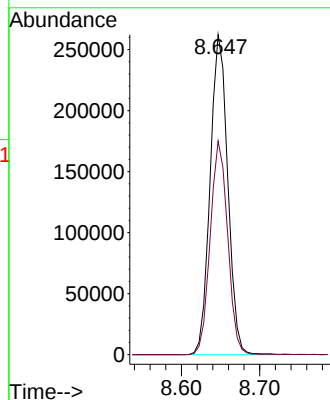
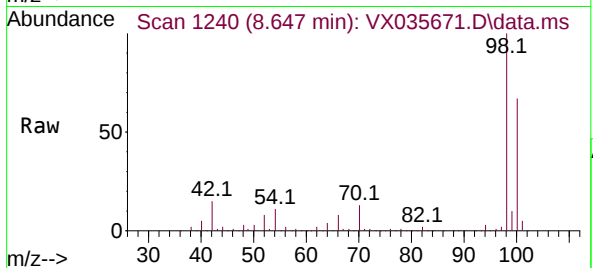
FSND-EQB-05-05072023

Tgt Ion: 98 Resp: 408250

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7



#59

2-Hexanone

Concen: 0.216 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.086 min

Lab File: VX035671.D

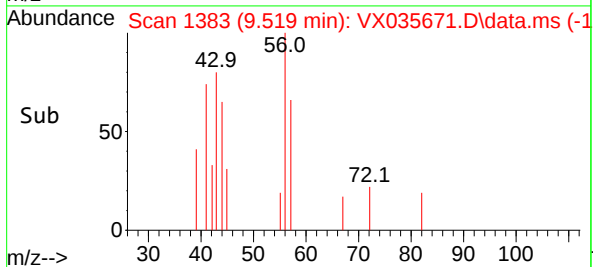
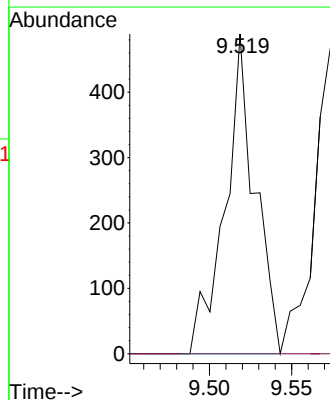
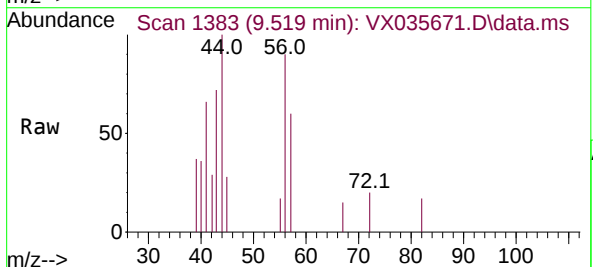
Acq: 15 May 2023 17:32

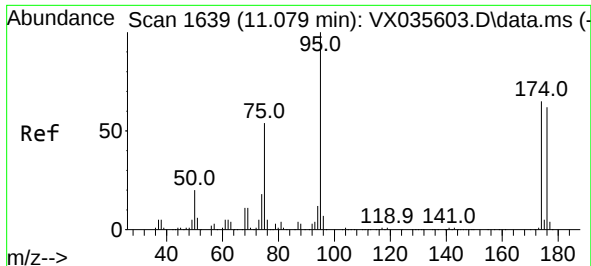
Tgt Ion: 43 Resp: 618

Ion Ratio Lower Upper

43 100

58 0.0 26.3 78.9#

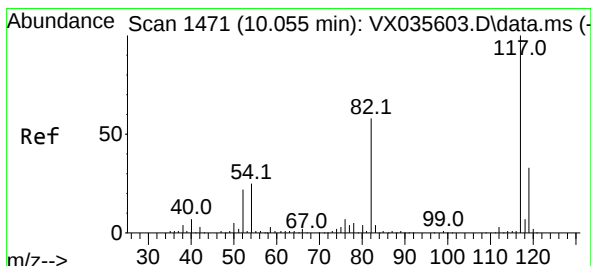
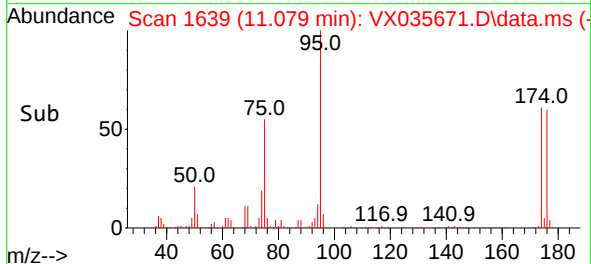
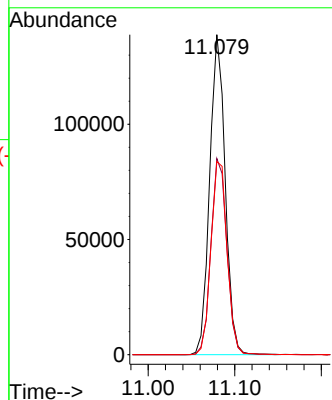
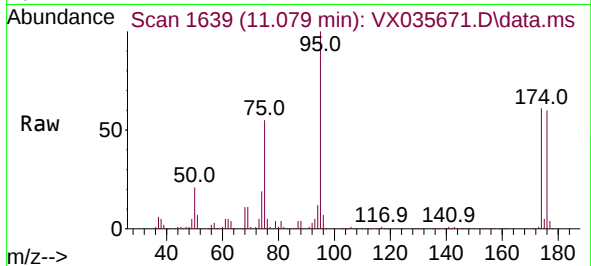




#62
4-Bromofluorobenzene
Concen: 50.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

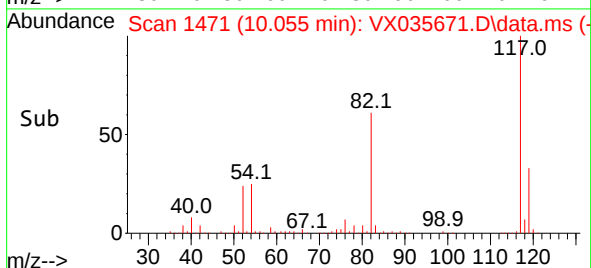
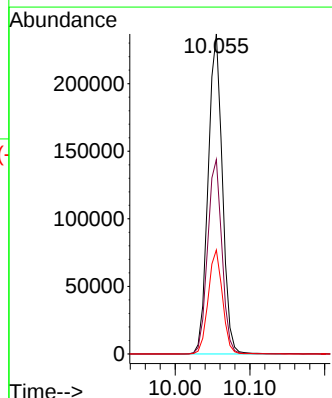
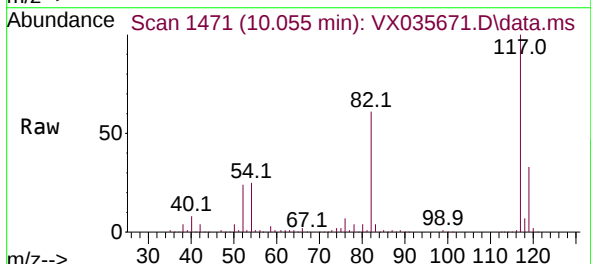
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-05-05072023

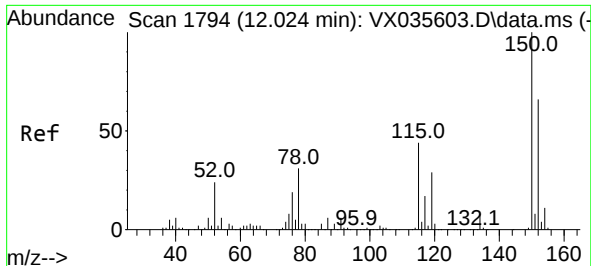
Tgt Ion: 95 Resp: 172650
Ion Ratio Lower Upper
95 100
174 63.0 0.0 147.4
176 63.1 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035671.D
Acq: 15 May 2023 17:32

Tgt Ion: 117 Resp: 313122
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.5 26.0 39.0

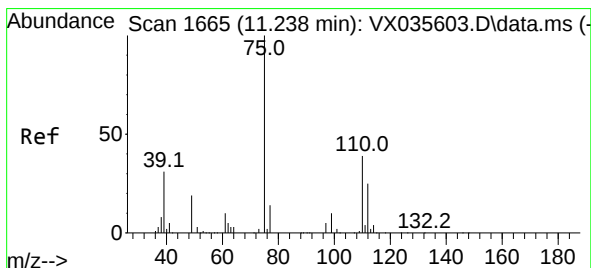
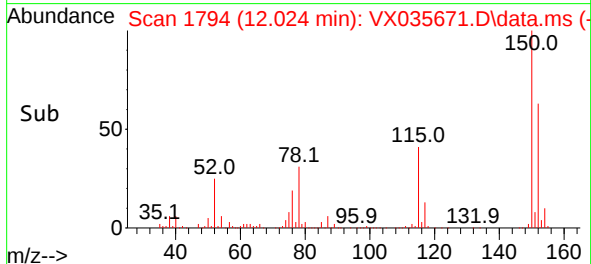
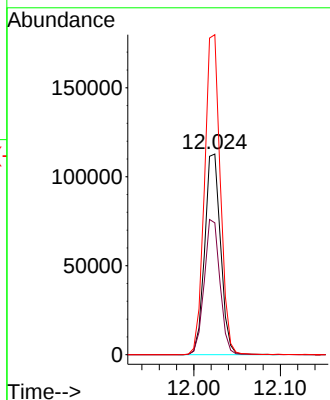
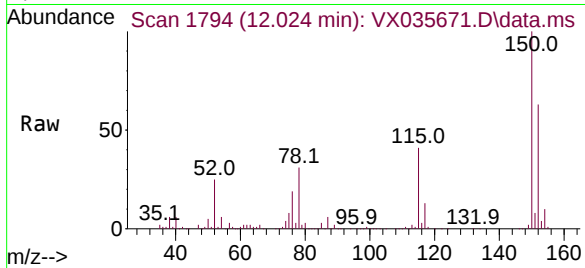




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035671.D
 Acq: 15 May 2023 17:32

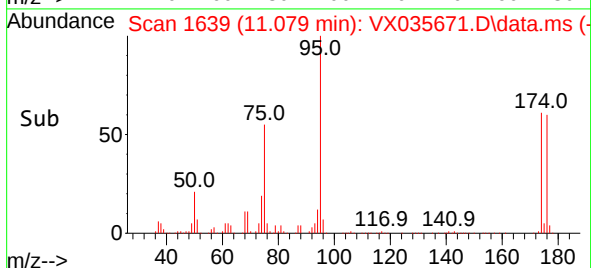
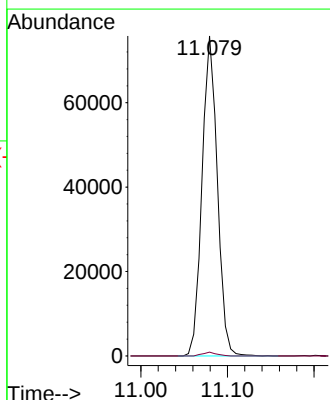
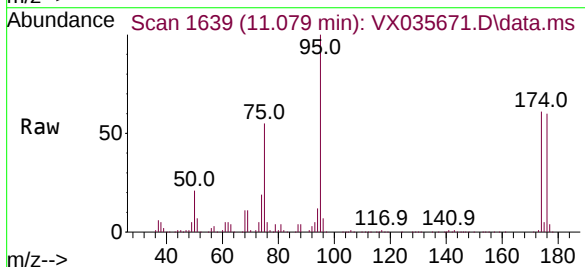
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-05-05072023

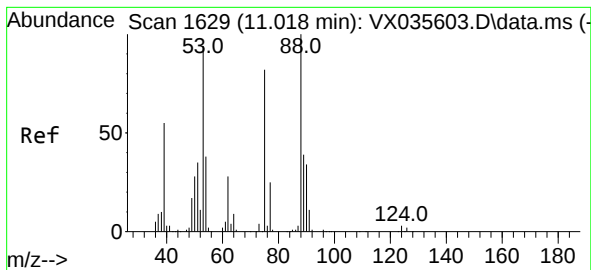
Tgt Ion:152 Resp: 143707
 Ion Ratio Lower Upper
 152 100
 115 66.7 45.0 135.0
 150 158.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.444 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035671.D
 Acq: 15 May 2023 17:32

Tgt Ion: 75 Resp: 92955
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 85.226 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035671.D

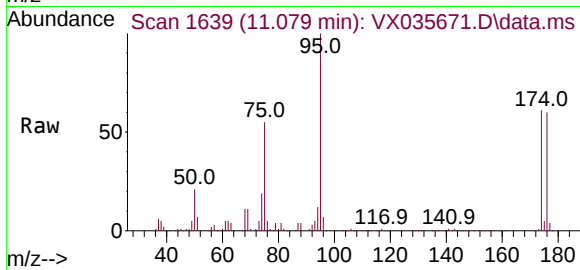
Acq: 15 May 2023 17:32

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-05-05072023



Tgt Ion: 75 Resp: 92955

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

