

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035560.D
 Acq On : 08 May 2023 15:14
 Operator : JC/MD
 Sample : 02643-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

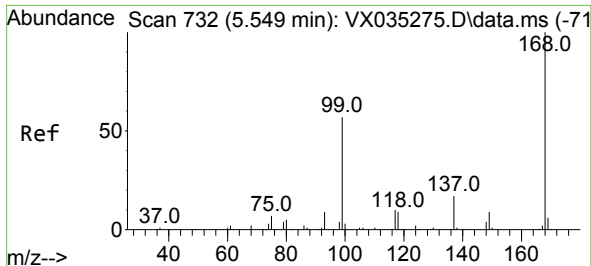
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-01-05032023

Quant Time: May 09 03:44:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

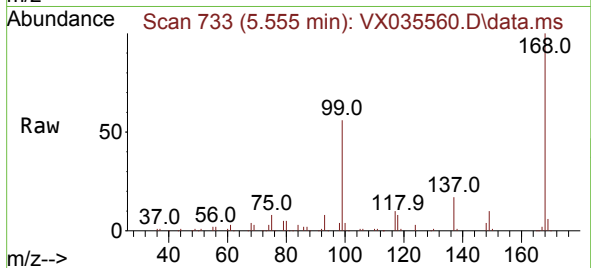
Internal Standards						
1) Pentafluorobenzene	5.555	168	237845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	393078	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144091	50.215	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.440%		
35) Dibromofluoromethane	5.391	113	123234	51.079	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.160%		
50) Toluene-d8	8.646	98	458156	50.341	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.680%		
62) 4-Bromofluorobenzene	11.079	95	179081	52.307	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	658	1.259	ug/l #	73
13) Acrolein	2.233	56	194	0.378	ug/l	88
16) Acetone	2.379	43	2908	2.333	ug/l	95
25) 2-Butanone	4.720	43	30857	16.963	ug/l #	51
29) Tetrahydrofuran	5.025	42	2172	1.863	ug/l #	76
31) Cyclohexane	5.549	56	4681	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	17076	4.533	ug/l #	51
37) Ethyl Acetate	4.720	43	30949	8.995	ug/l	99
38) Carbon Tetrachloride	5.555	117	23730	6.636	ug/l #	18
41) Methacrylonitrile	5.037	41	1256	0.637	ug/l #	45
48) Methyl methacrylate	7.579	41	3518	1.241	ug/l #	42
52) Toluene	8.720	92	2051	0.299	ug/l	98
59) 2-Hexanone	9.518	43	28348	10.624	ug/l #	50
74) N-amyl acetate	10.853	43	3708	0.750	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88756	24.723	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88756	80.072	ug/l #	8

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

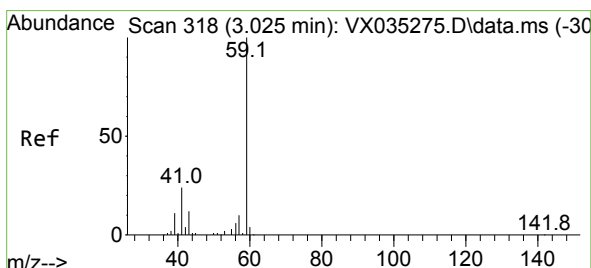
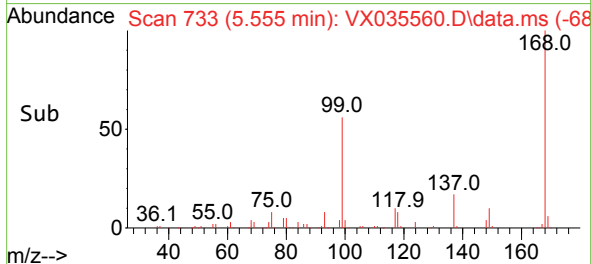
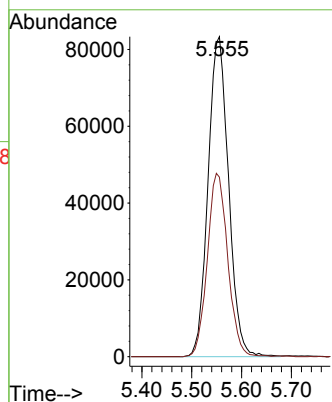


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035560.D
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MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

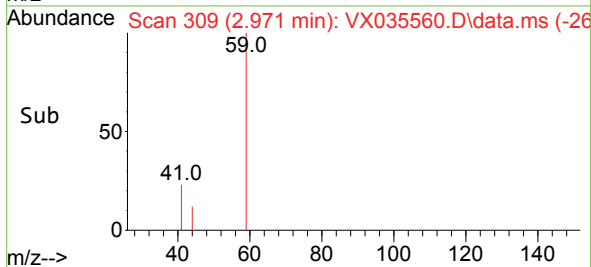
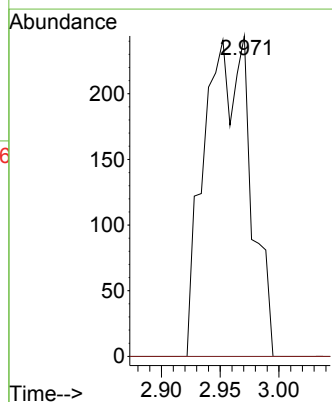
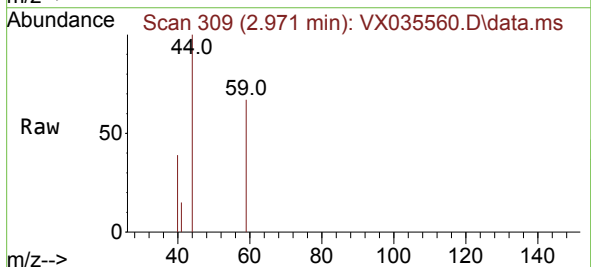


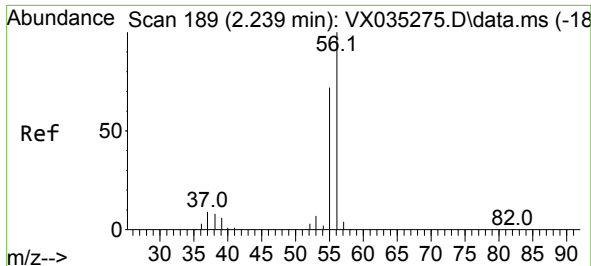
Tgt Ion:168 Resp: 237845
Ion Ratio Lower Upper
168 100
99 56.1 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.259 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.054 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 59 Resp: 658
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.378 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035560.D

Acq: 08 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

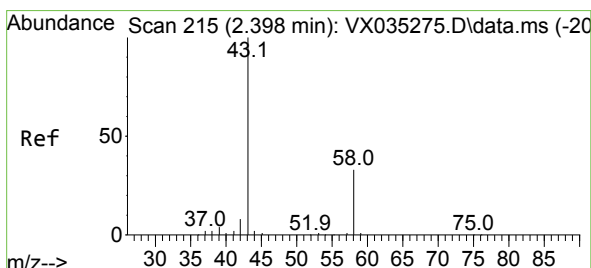
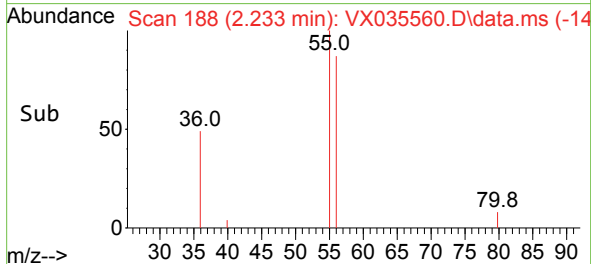
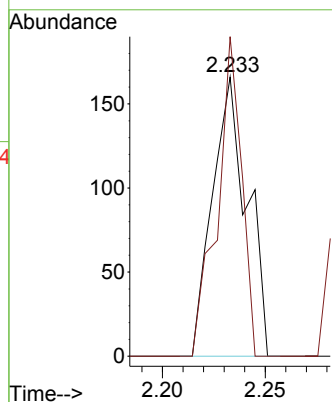
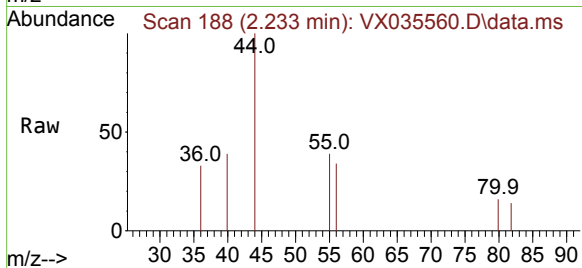
FSND-EQB-01-05032023

Tgt Ion: 56 Resp: 194

Ion Ratio Lower Upper

56 100

55 80.4 56.6 85.0



#16

Acetone

Concen: 2.333 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.019 min

Lab File: VX035560.D

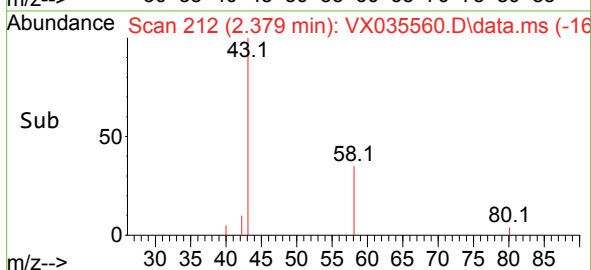
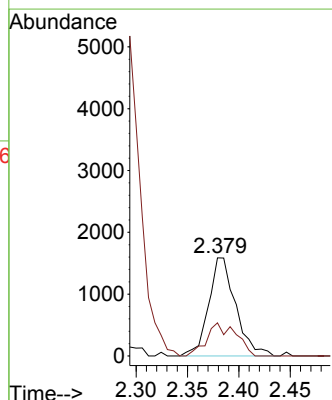
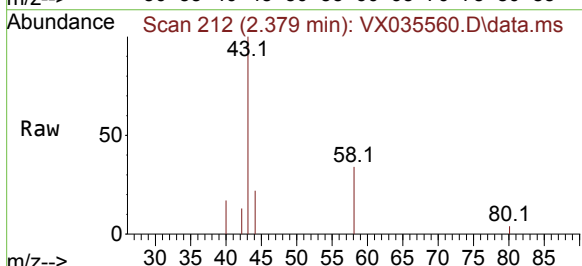
Acq: 08 May 2023 15:14

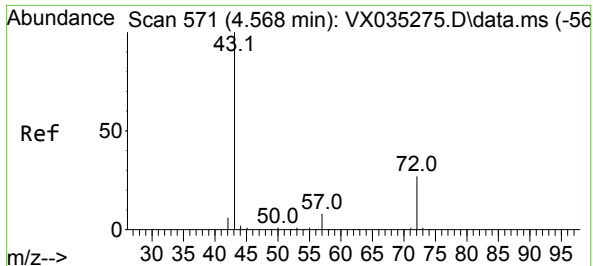
Tgt Ion: 43 Resp: 2908

Ion Ratio Lower Upper

43 100

58 33.8 24.7 37.1

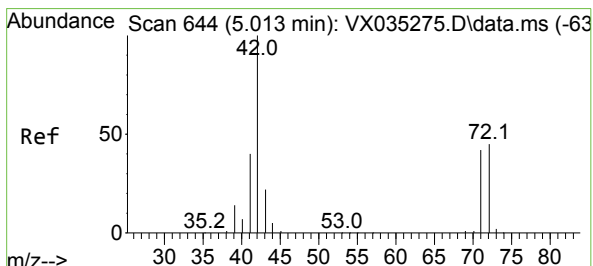
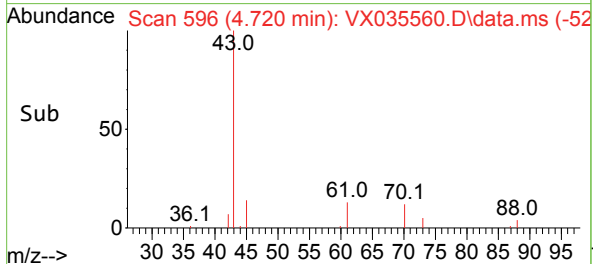
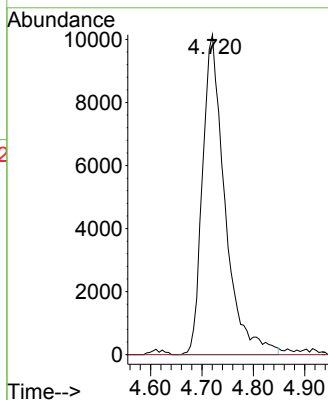
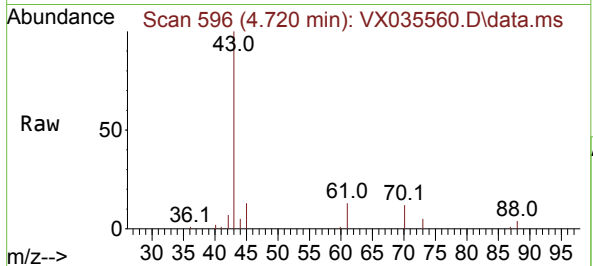




#25
2-Butanone
Concen: 16.963 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.152 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

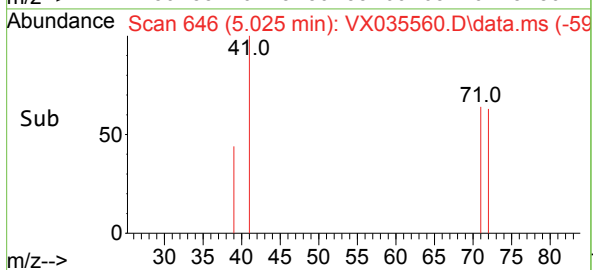
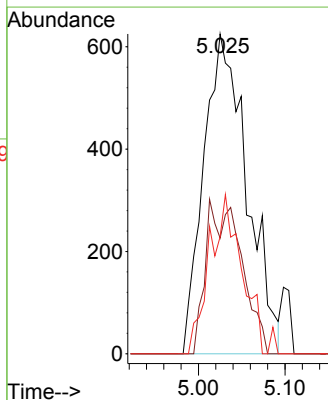
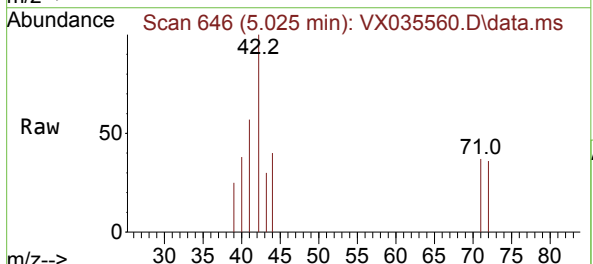
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

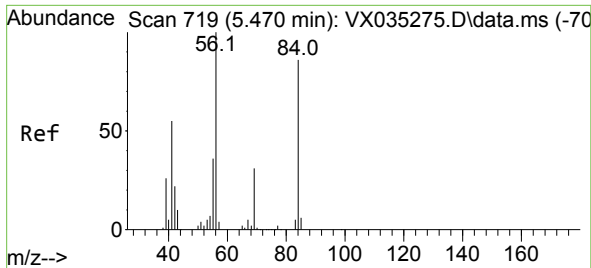
Tgt Ion: 43 Resp: 30857
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#



#29
Tetrahydrofuran
Concen: 1.863 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 42 Resp: 2172
Ion Ratio Lower Upper
42 100
72 16.9 34.5 51.7#
71 36.7 32.1 48.1





#31

Cyclohexane

Concen: 1.150 ug/l

RT: 5.549 min Scan# 719

Delta R.T. 0.079 min

Lab File: VX035560.D

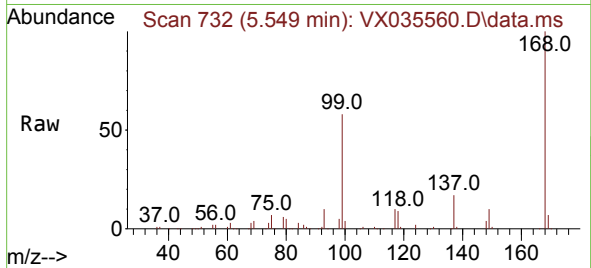
Acq: 08 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-01-05032023



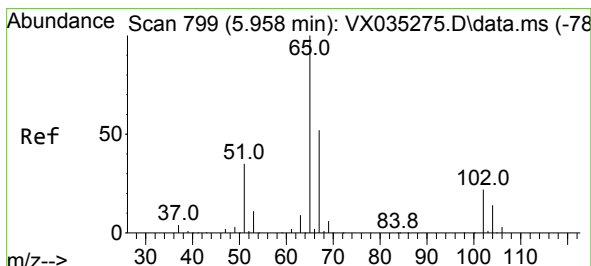
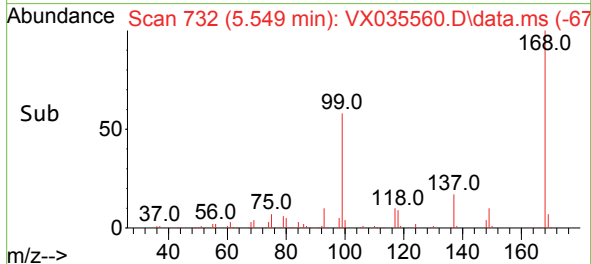
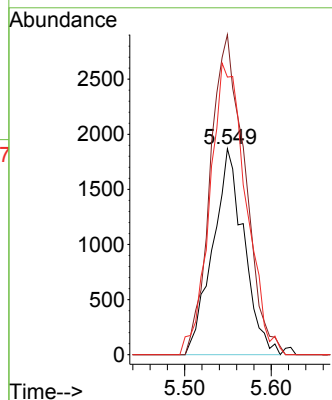
Tgt Ion: 56 Resp: 4681

Ion Ratio Lower Upper

56 100

69 155.4 23.7 35.5#

84 134.8 68.5 102.7#



#33

1,2-Dichloroethane-d4

Concen: 50.215 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX035560.D

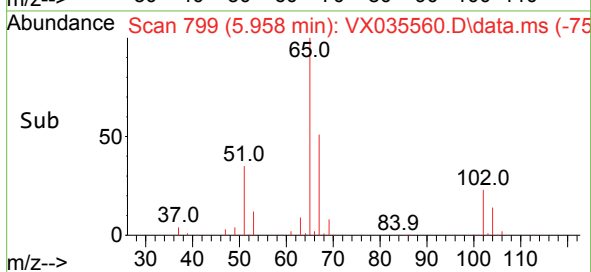
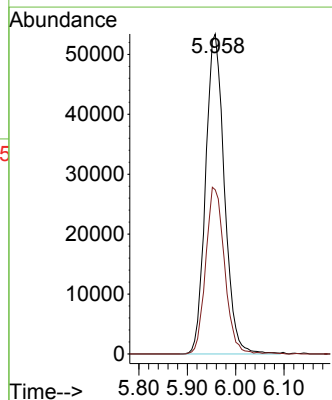
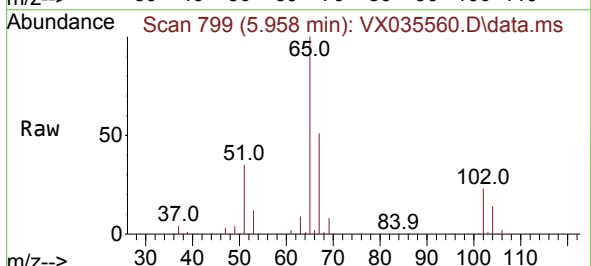
Acq: 08 May 2023 15:14

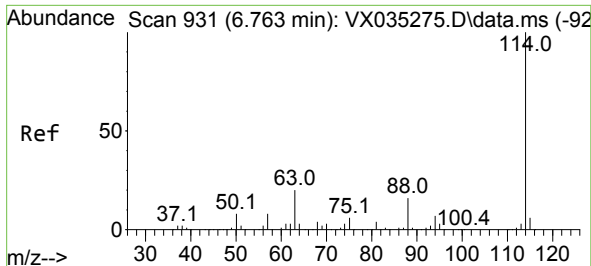
Tgt Ion: 65 Resp: 144091

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.0

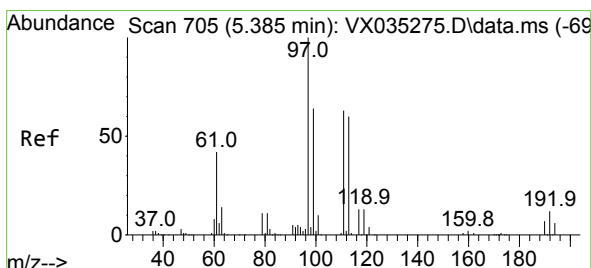
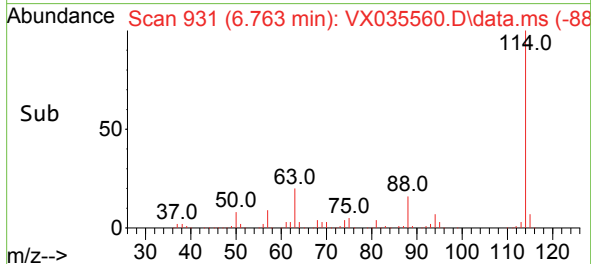
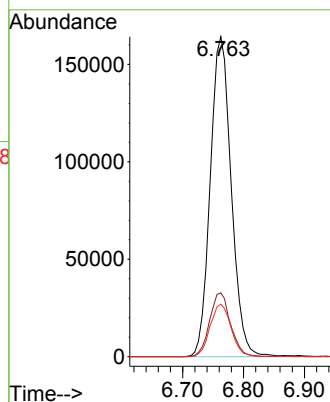
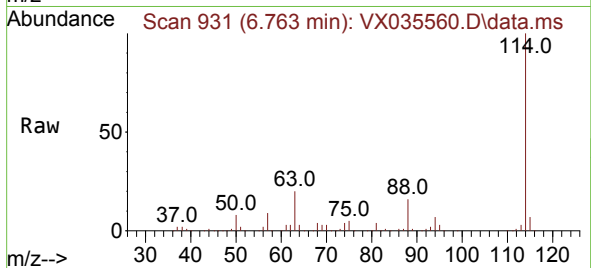




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

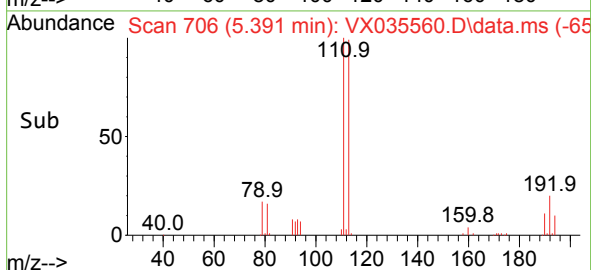
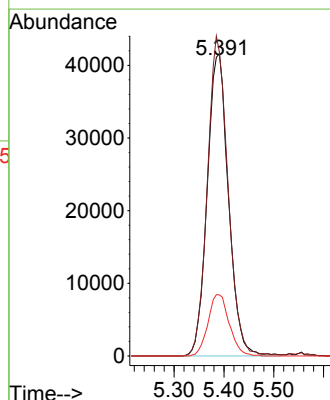
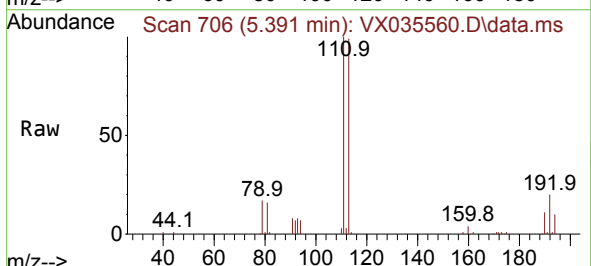
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

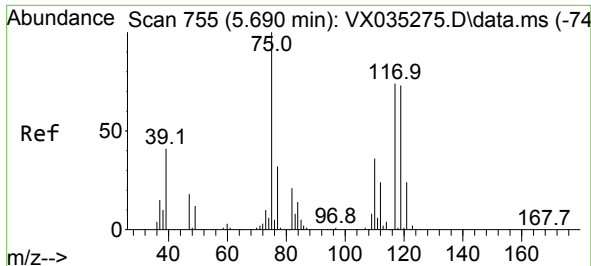
Tgt Ion:114 Resp: 393078
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.079 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion:113 Resp: 123234
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 20.3 15.4 23.2

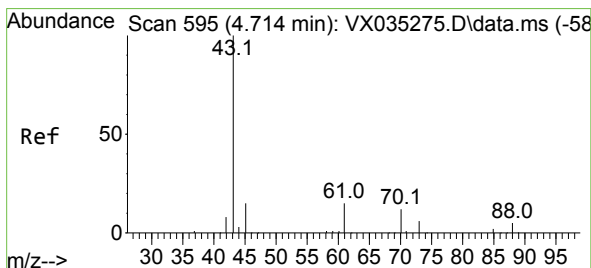
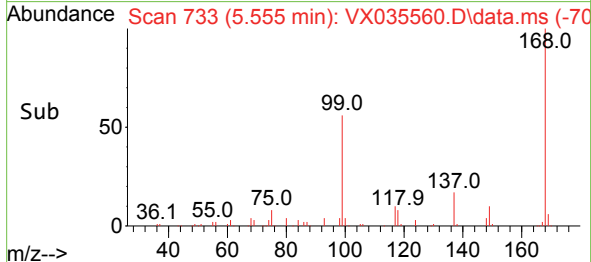
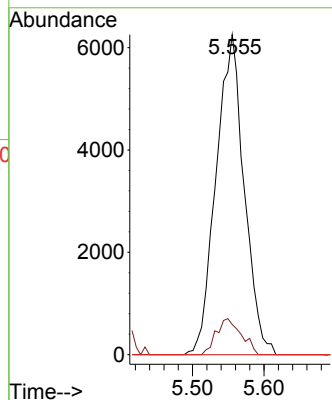
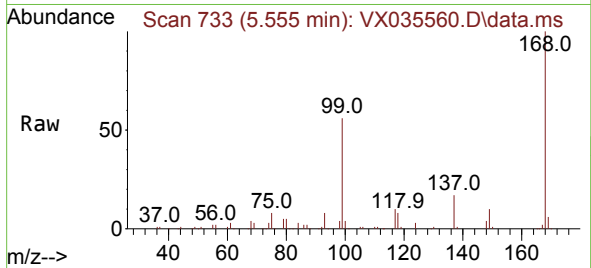




#36
1,1-Dichloropropene
Concen: 4.533 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

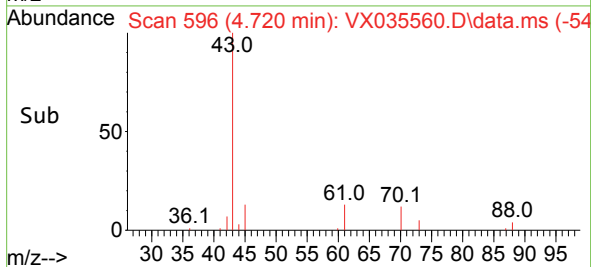
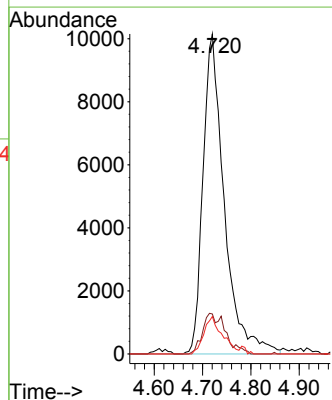
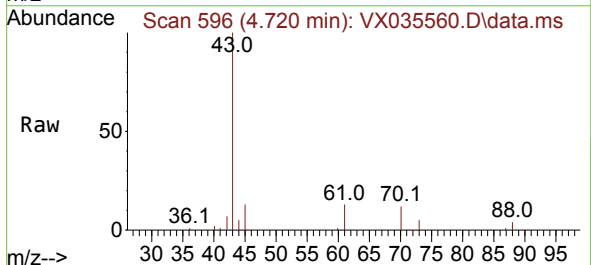
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

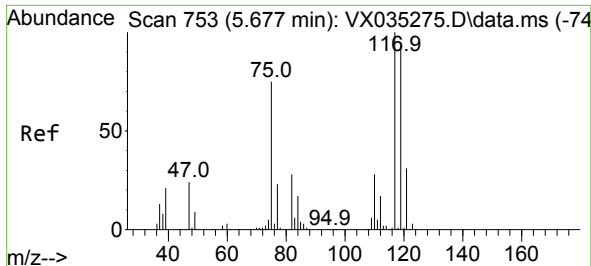
Tgt Ion: 75 Resp: 17076
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 8.995 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 43 Resp: 30949
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 10.2 8.2 12.4





#38

Carbon Tetrachloride

Concen: 6.636 ug/l

RT: 5.555 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX035560.D

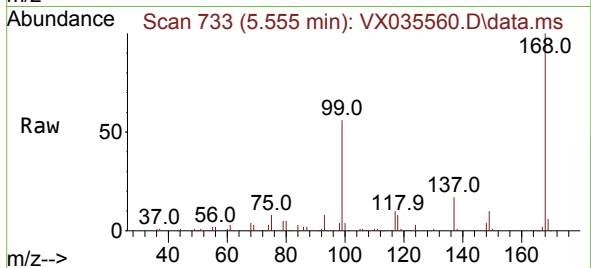
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Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-01-05032023



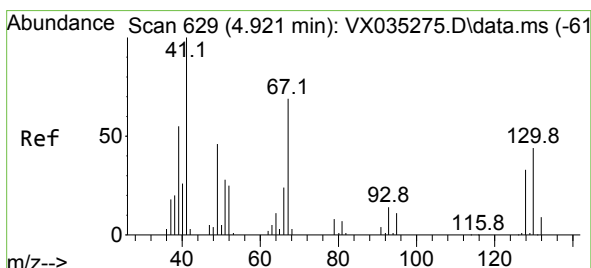
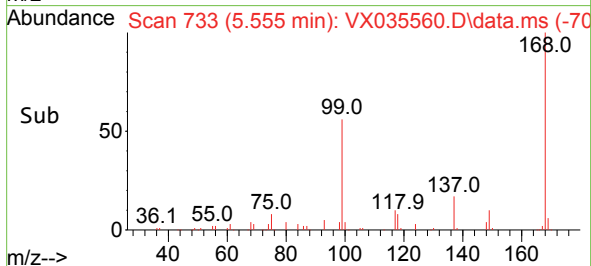
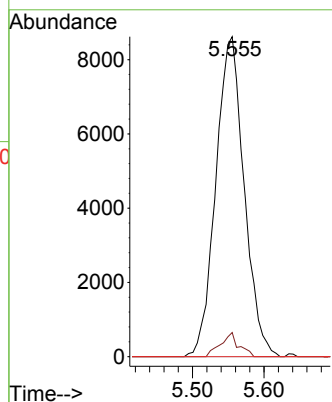
Tgt Ion:117 Resp: 23730

Ion Ratio Lower Upper

117 100

119 7.6 76.6 114.8#

121 0.0 23.8 35.6#



#41

Methacrylonitrile

Concen: 0.637 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.116 min

Lab File: VX035560.D

Acq: 08 May 2023 15:14

Tgt Ion: 41 Resp: 1256

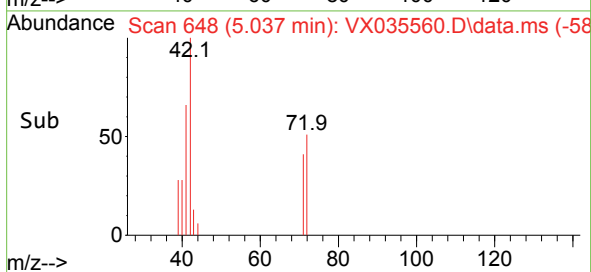
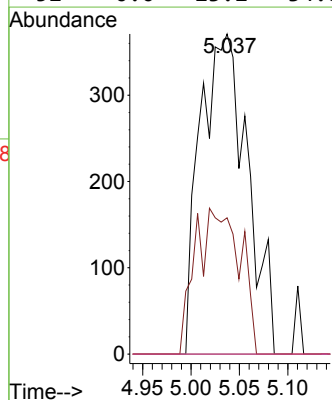
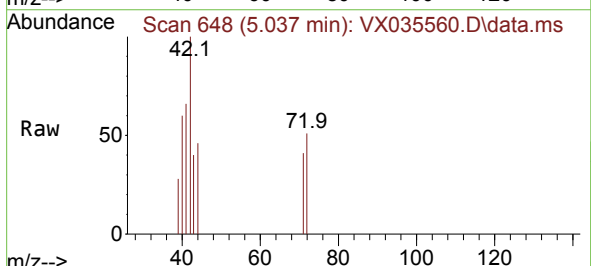
Ion Ratio Lower Upper

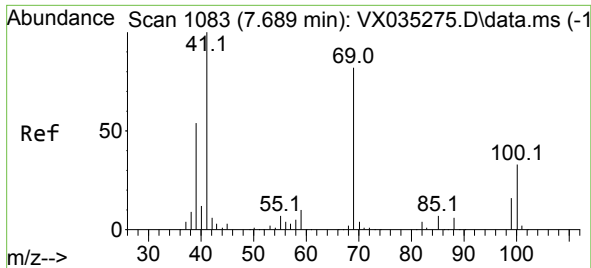
41 100

39 43.3 45.0 67.6#

67 0.0 55.6 83.4#

52 0.0 23.2 34.8#

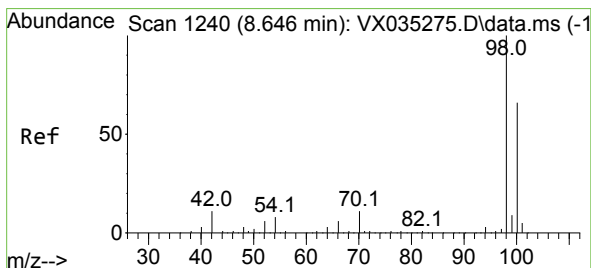
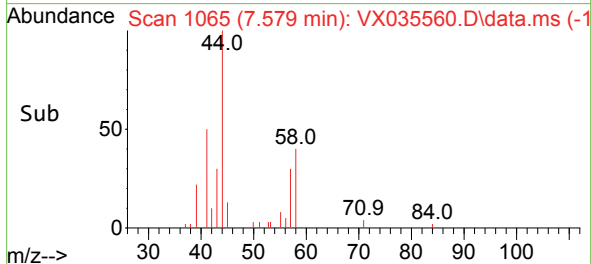
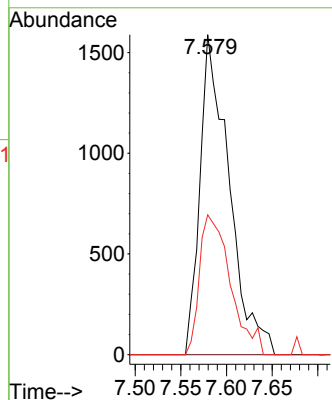
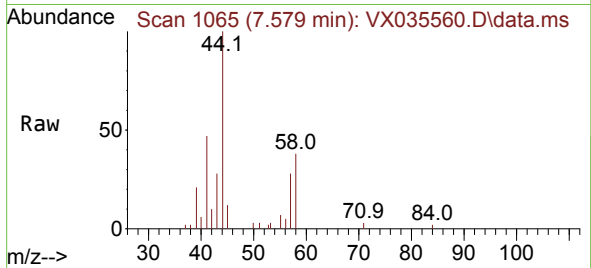




#48
Methyl methacrylate
Concen: 1.241 ug/l
RT: 7.579 min Scan# 1083
Delta R.T. -0.110 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

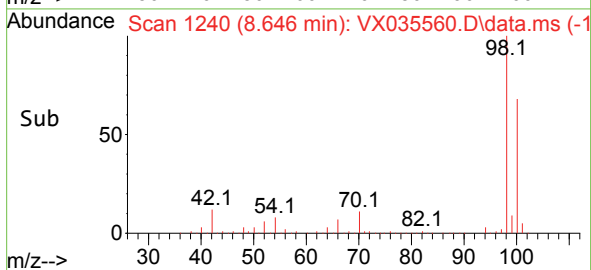
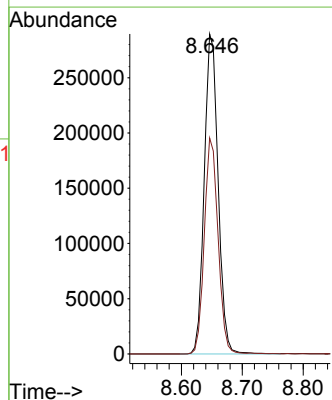
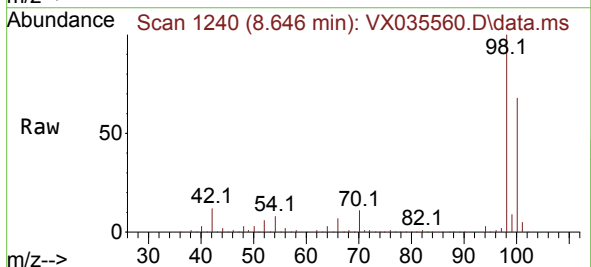
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

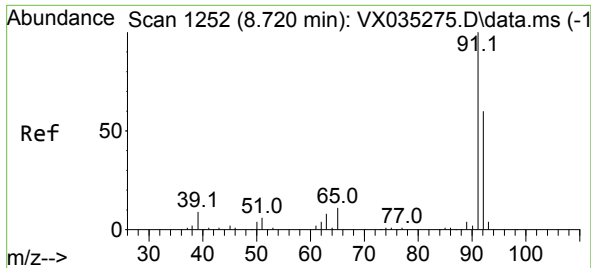
Tgt Ion: 41 Resp: 3518
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 46.3 47.7 71.5#



#50
Toluene-d8
Concen: 50.341 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 98 Resp: 458156
Ion Ratio Lower Upper
98 100
100 67.1 52.5 78.7

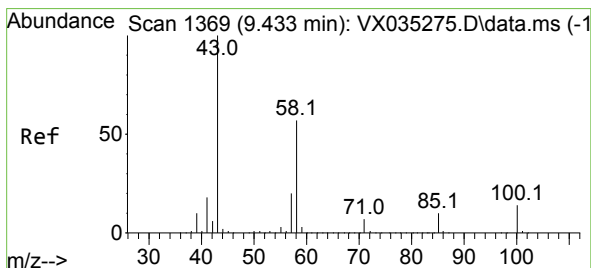
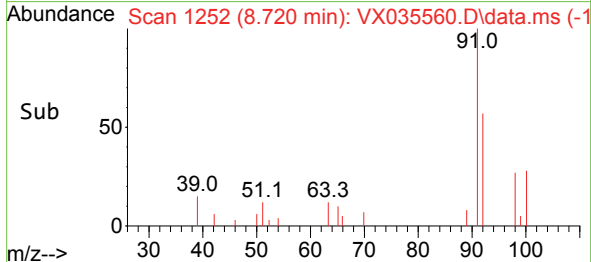
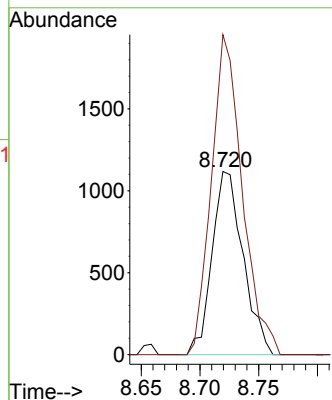
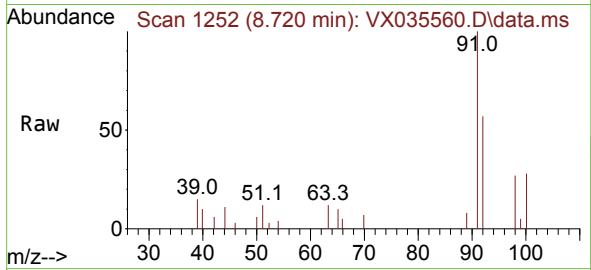




#52
Toluene
Concen: 0.299 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

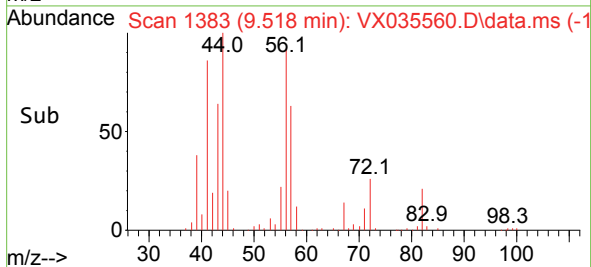
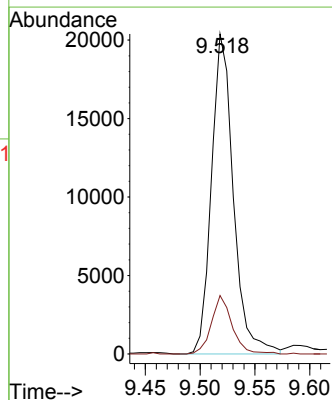
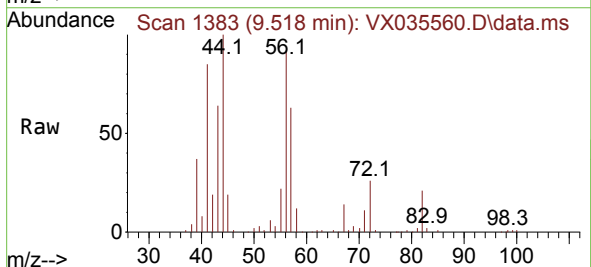
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

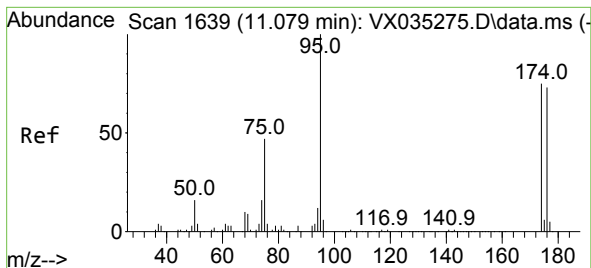
Tgt Ion: 92 Resp: 2051
Ion Ratio Lower Upper
92 100
91 174.4 136.8 205.2



#59
2-Hexanone
Concen: 10.624 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.085 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 43 Resp: 28348
Ion Ratio Lower Upper
43 100
58 17.3 26.3 78.9#

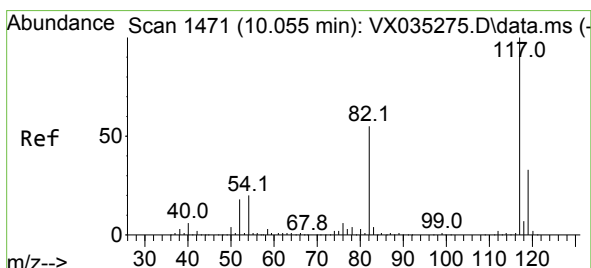
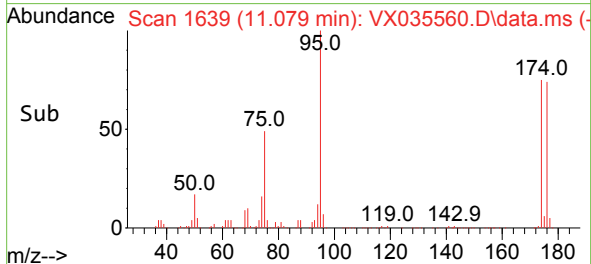
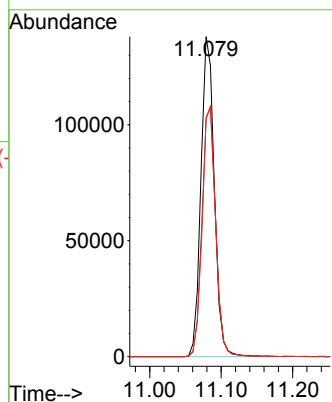
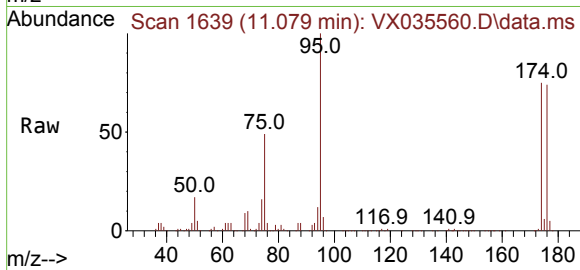




#62
4-Bromofluorobenzene
Concen: 52.307 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

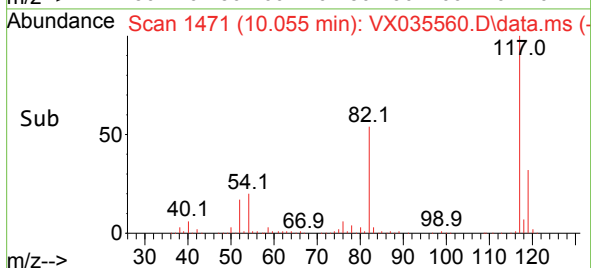
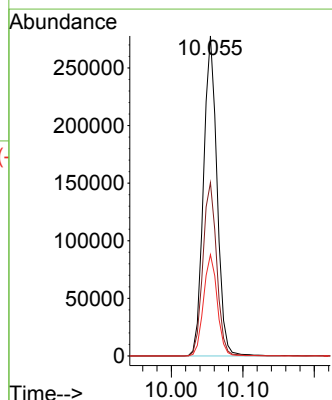
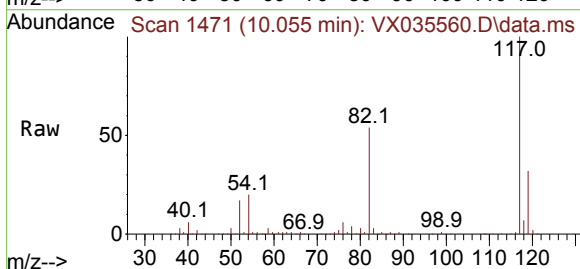
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-01-05032023

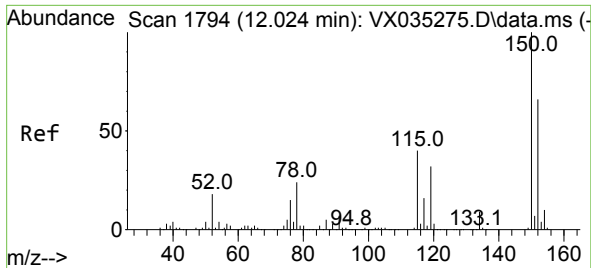
Tgt Ion: 95 Resp: 179081
Ion Ratio Lower Upper
95 100
174 80.0 0.0 147.4
176 78.5 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035560.D
Acq: 08 May 2023 15:14

Tgt Ion: 117 Resp: 365583
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.6 26.0 39.0

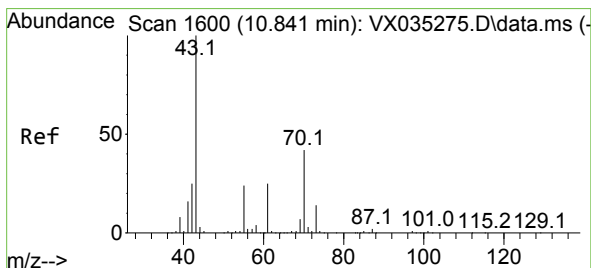
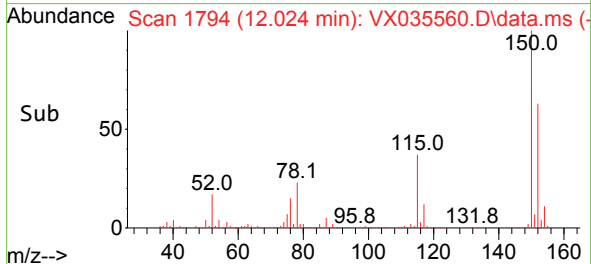
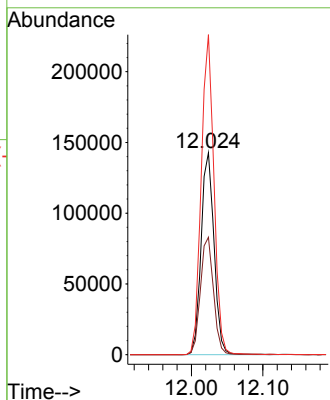
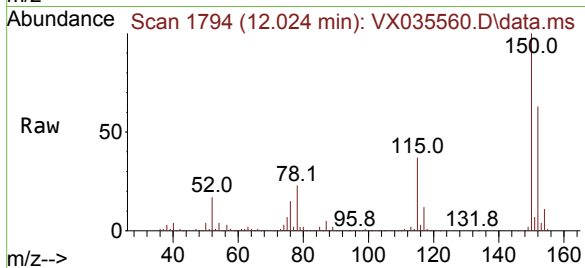




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035560.D
 Acq: 08 May 2023 15:14

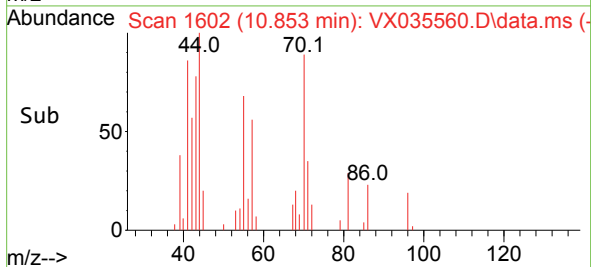
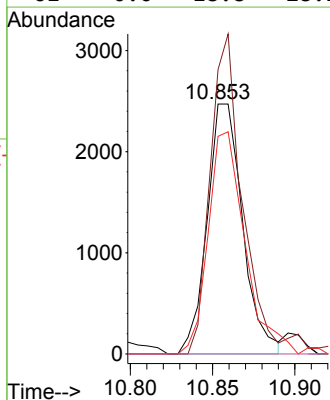
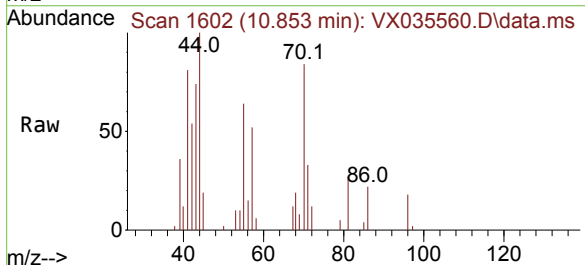
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-01-05032023

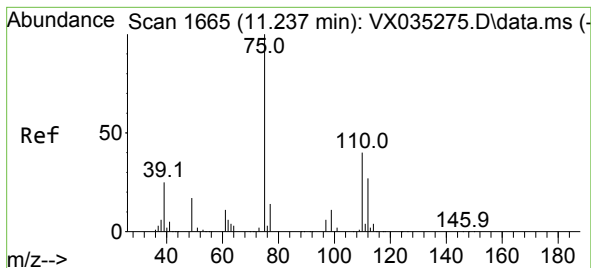
Tgt Ion:152 Resp: 179973
 Ion Ratio Lower Upper
 152 100
 115 58.8 45.0 135.0
 150 155.1 0.0 352.4



#74
 N-ethyl acetate
 Concen: 0.750 ug/l
 RT: 10.853 min Scan# 1602
 Delta R.T. 0.012 min
 Lab File: VX035560.D
 Acq: 08 May 2023 15:14

Tgt Ion: 43 Resp: 3708
 Ion Ratio Lower Upper
 43 100
 70 119.3 32.1 48.1#
 55 93.1 18.3 27.5#
 61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 24.723 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035560.D

Acq: 08 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

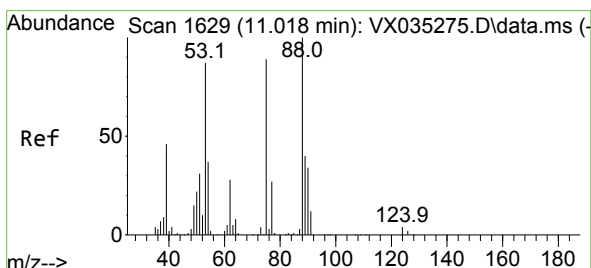
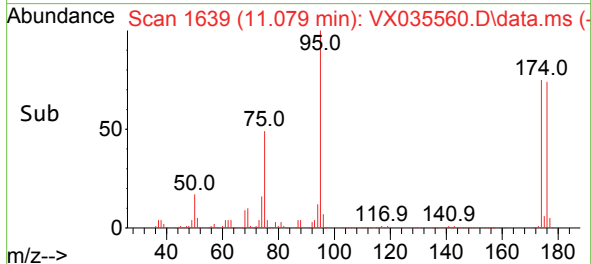
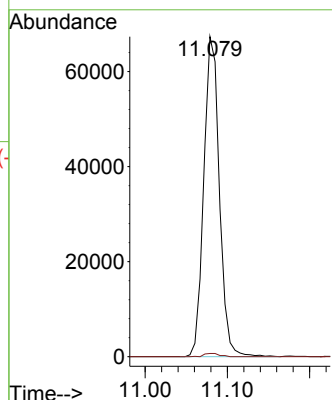
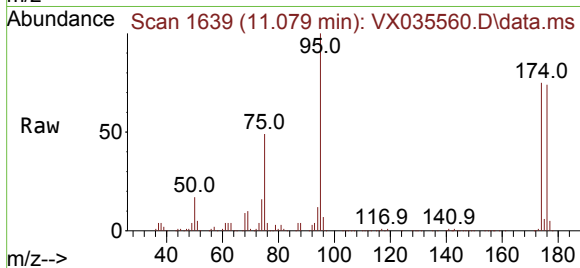
FSND-EQB-01-05032023

Tgt Ion: 75 Resp: 88756

Ion Ratio Lower Upper

75 100

77 1.0 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.072 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX035560.D

Acq: 08 May 2023 15:14

Tgt Ion: 75 Resp: 88756

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

