

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035559.D
 Acq On : 08 May 2023 14:51
 Operator : JC/MD
 Sample : 02643-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-02-05042023

Quant Time: May 09 03:44:03 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)

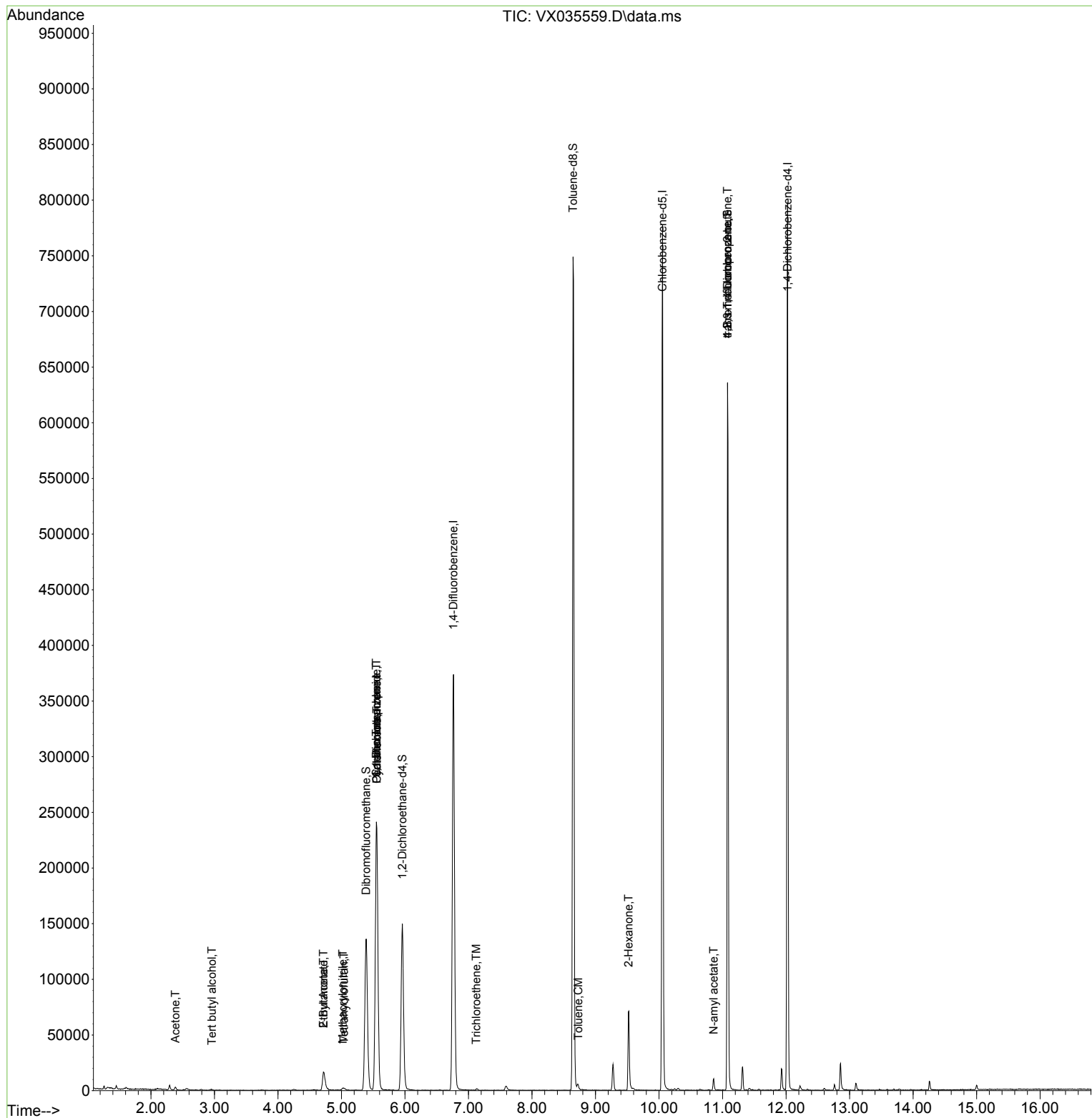
Internal Standards						
1) Pentafluorobenzene	5.555	168	236382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388271	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142895	50.107	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.220%			
35) Dibromofluoromethane	5.385	113	121382	50.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.646	98	447887	49.822	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.640%			
62) 4-Bromofluorobenzene	11.079	95	176118	52.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.958	59	785	1.512	ug/l #	73
16) Acetone	2.385	43	2794	2.256	ug/l	100
25) 2-Butanone	4.714	43	30888	17.086	ug/l #	51
29) Tetrahydrofuran	5.037	42	2207	1.904	ug/l	97
31) Cyclohexane	5.555	56	4178	1.033	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	17116	4.600	ug/l #	52
37) Ethyl Acetate	4.714	43	31091	9.148	ug/l	95
38) Carbon Tetrachloride	5.549	117	23421	6.630	ug/l #	19
41) Methacrylonitrile	5.019	41	1181	0.606	ug/l #	29
44) Trichloroethene	7.122	130	607	0.206	ug/l	49
52) Toluene	8.726	92	1947	0.288	ug/l	87
59) 2-Hexanone	9.518	43	10536	3.997	ug/l #	52
74) N-amyl acetate	10.859	43	1527	0.320	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	88802	25.639	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	88802	83.040	ug/l #	8

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

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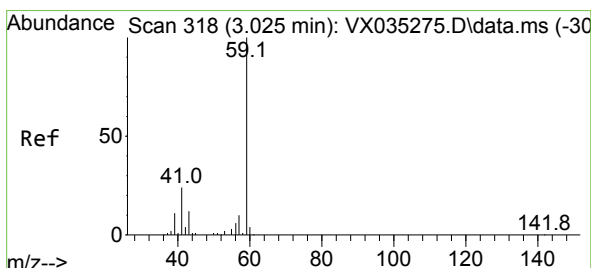
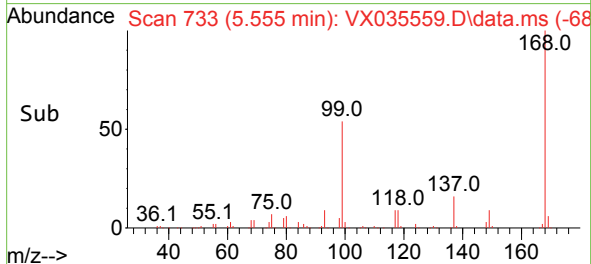
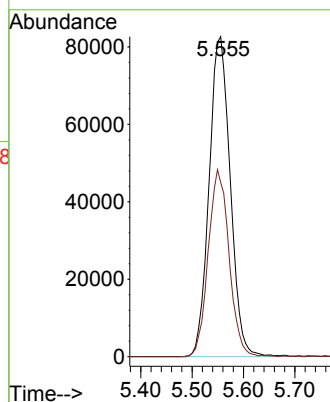
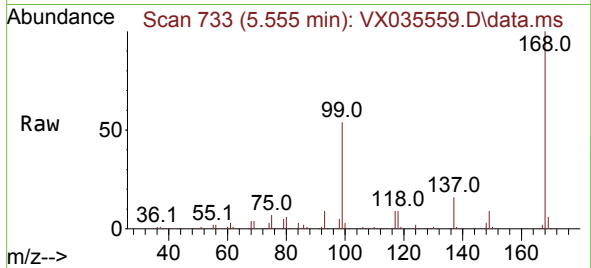




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

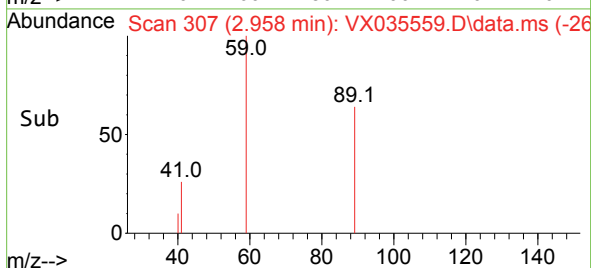
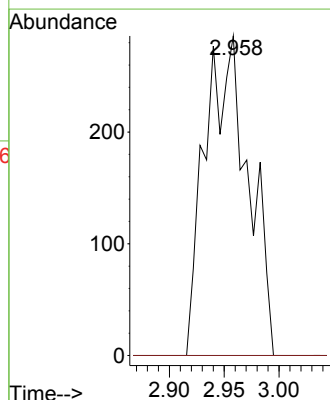
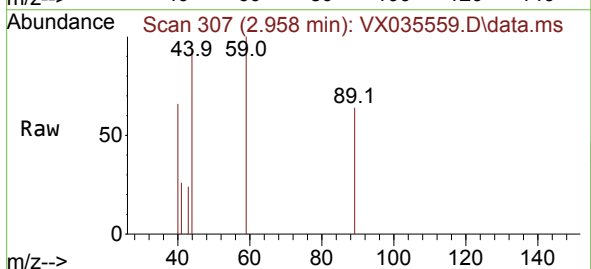
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

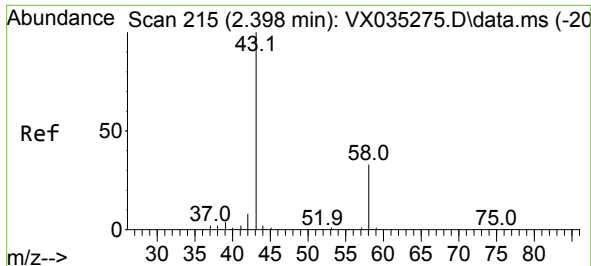
Tgt Ion:168 Resp: 236382
Ion Ratio Lower Upper
168 100
99 54.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.512 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.067 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion: 59 Resp: 785
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

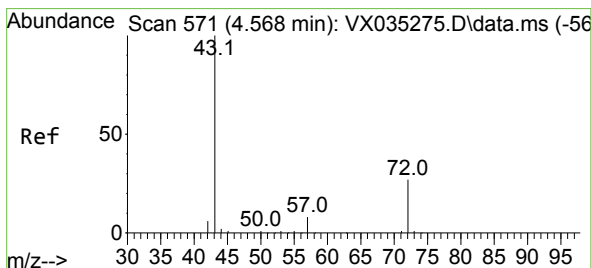
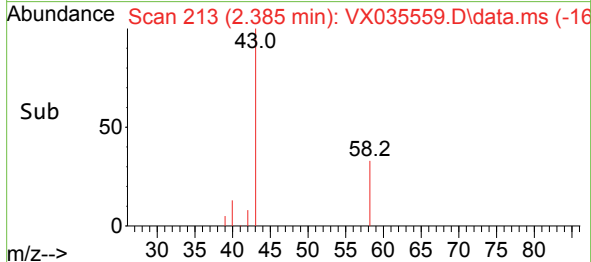
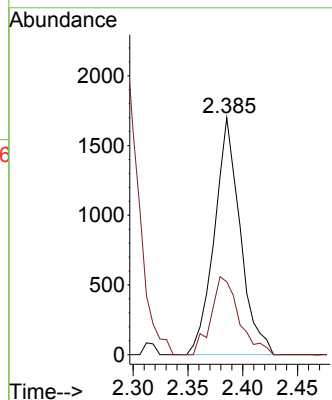
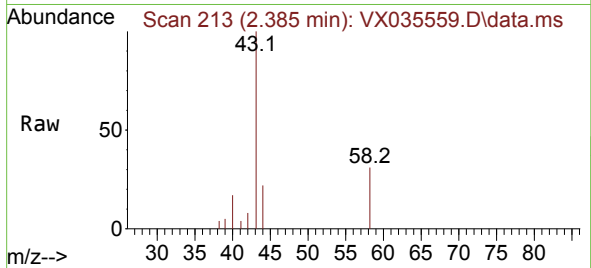




#16
Acetone
Concen: 2.256 ug/l
RT: 2.385 min Scan# 215
Delta R.T. -0.013 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

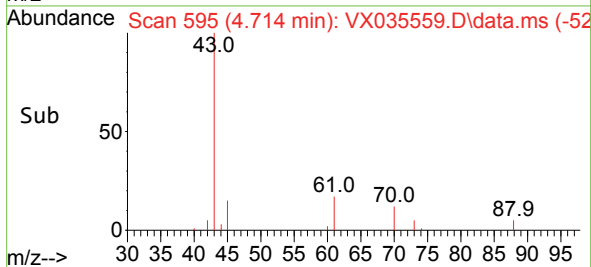
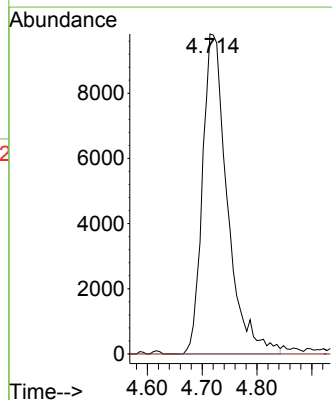
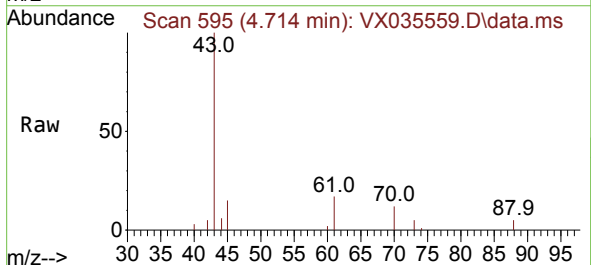
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

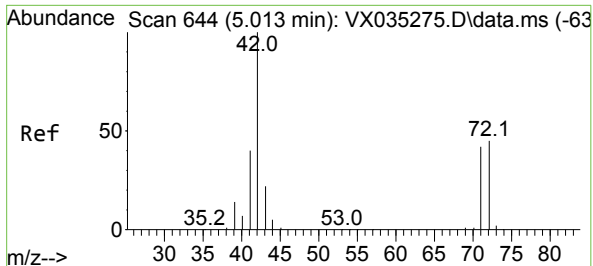
Tgt Ion: 43 Resp: 2794
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1



#25
2-Butanone
Concen: 17.086 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.146 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion: 43 Resp: 30888
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





#29

Tetrahydrofuran

Concen: 1.904 ug/l

RT: 5.037 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX035559.D

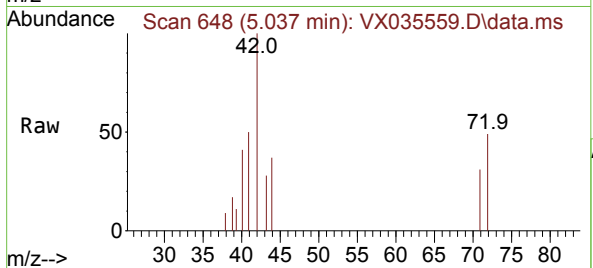
Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-02-05042023



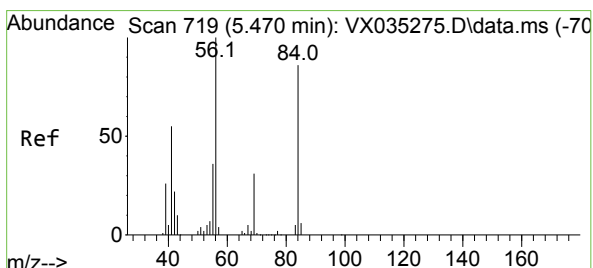
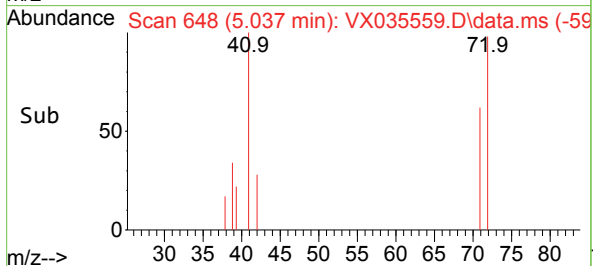
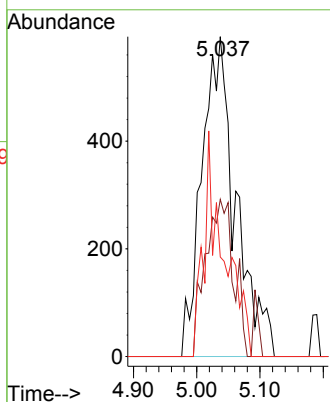
Tgt Ion: 42 Resp: 2207

Ion Ratio Lower Upper

42 100

72 40.9 34.5 51.7

71 41.7 32.1 48.1



#31

Cyclohexane

Concen: 1.033 ug/l

RT: 5.555 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

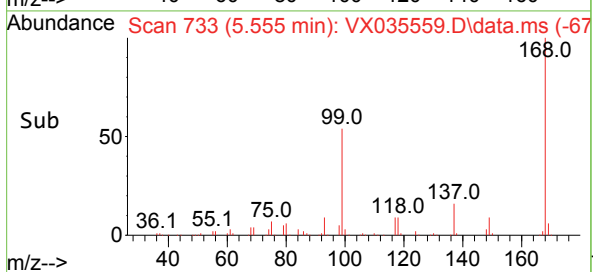
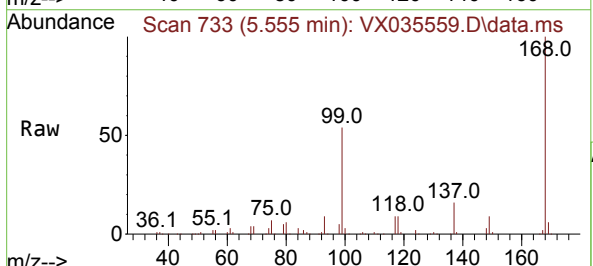
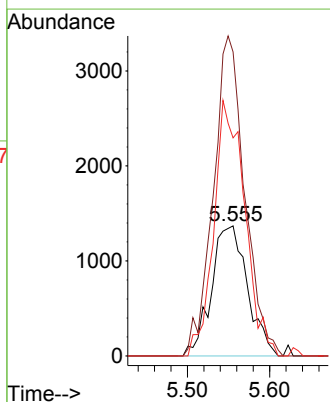
Tgt Ion: 56 Resp: 4178

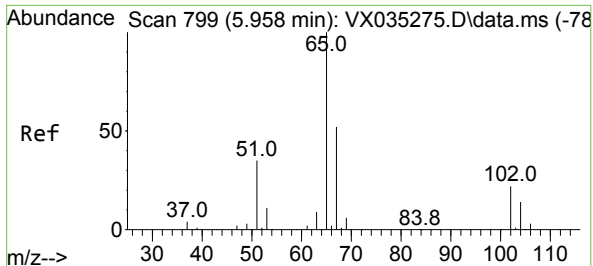
Ion Ratio Lower Upper

56 100

69 233.5 23.7 35.5#

84 167.6 68.5 102.7#

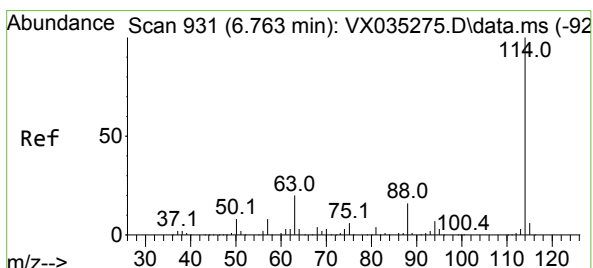
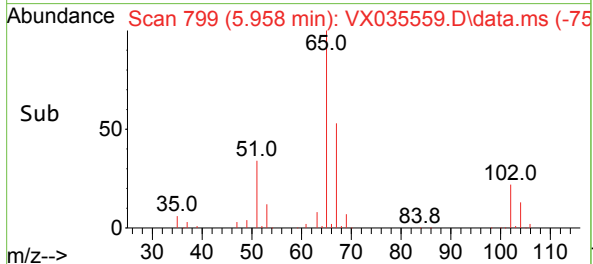
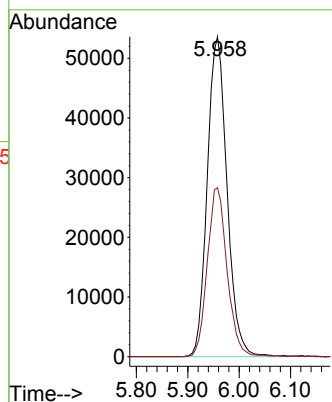
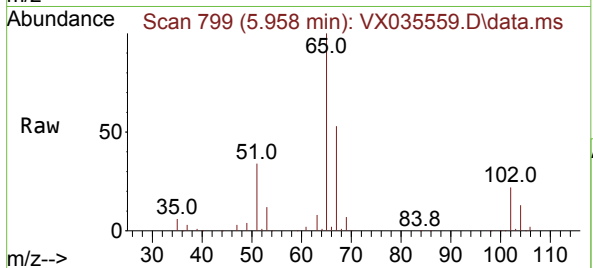




#33
 1,2-Dichloroethane-d4
 Concen: 50.107 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX035559.D
 Acq: 08 May 2023 14:51

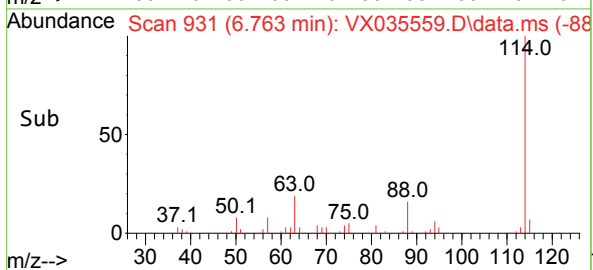
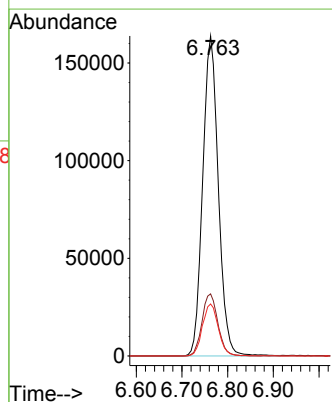
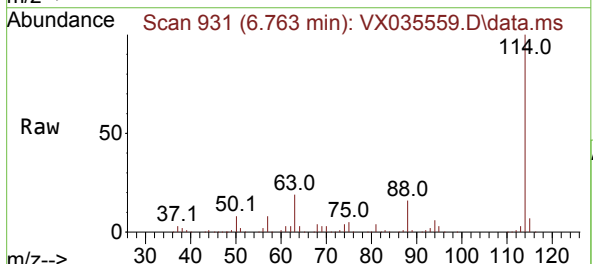
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-02-05042023

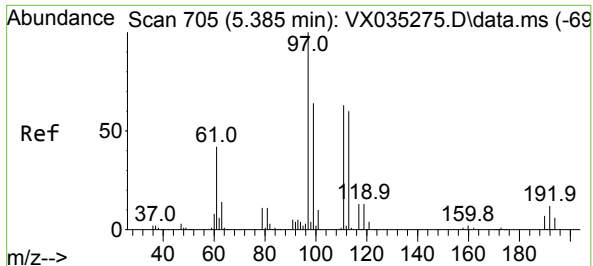
Tgt Ion: 65 Resp: 142895
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035559.D
 Acq: 08 May 2023 14:51

Tgt Ion: 114 Resp: 388271
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.2
 88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.935 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX035559.D

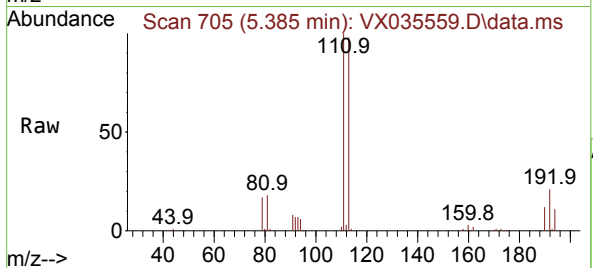
Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-02-05042023



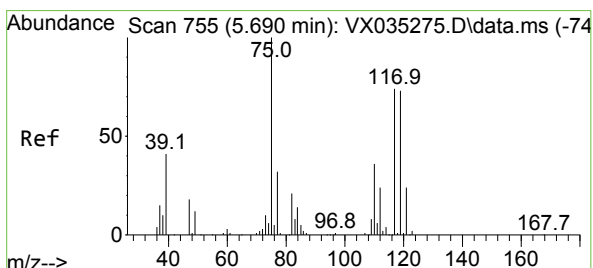
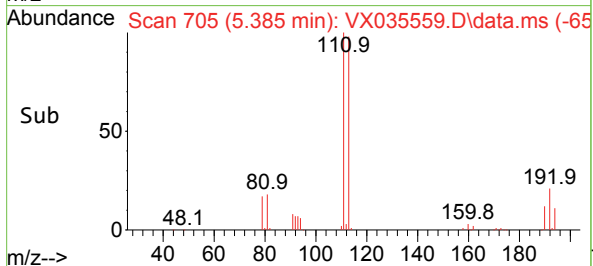
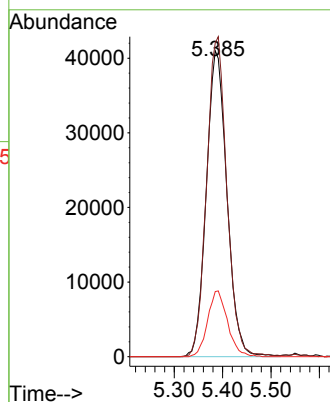
Tgt Ion:113 Resp: 121382

Ion Ratio Lower Upper

113 100

111 102.7 83.7 125.5

192 20.8 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.600 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.141 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

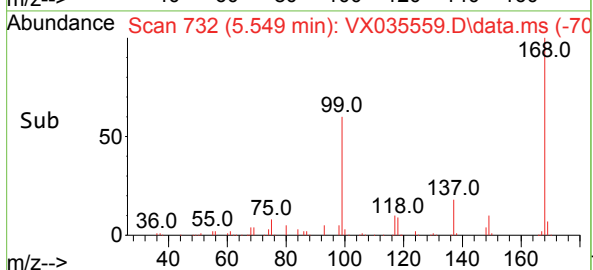
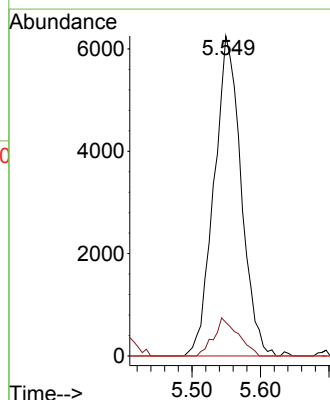
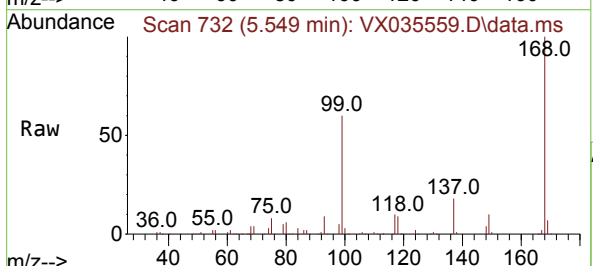
Tgt Ion: 75 Resp: 17116

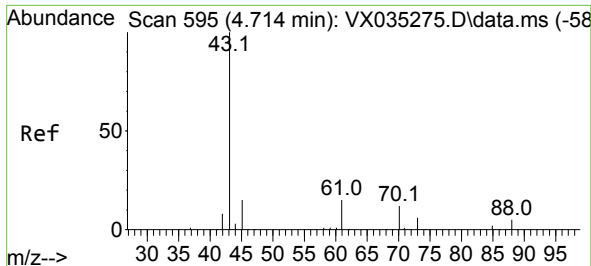
Ion Ratio Lower Upper

75 100

110 10.7 17.5 52.5#

77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 9.148 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-02-05042023

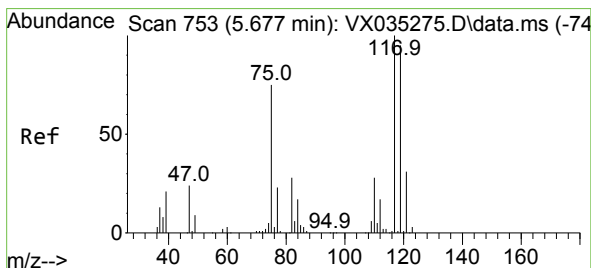
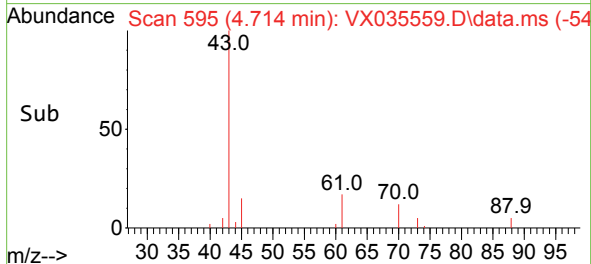
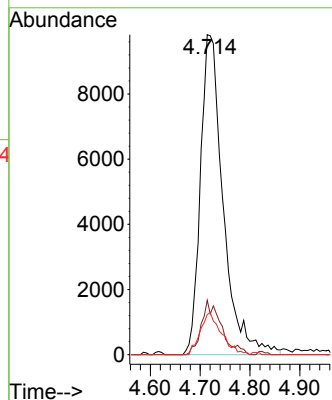
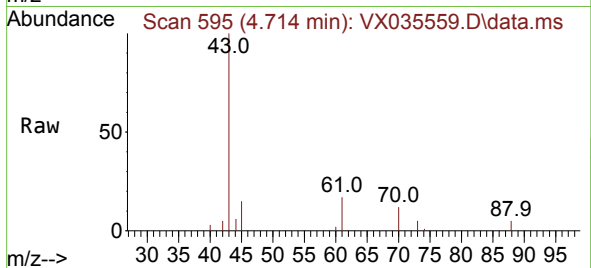
Tgt Ion: 43 Resp: 31091

Ion Ratio Lower Upper

43 100

61 14.9 10.2 15.4

70 12.2 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

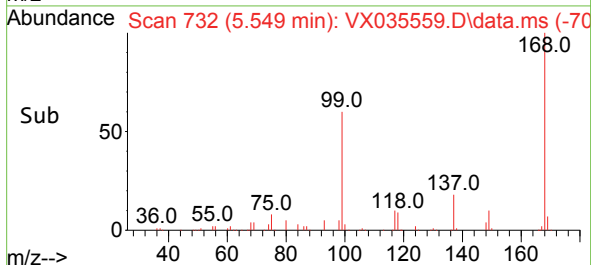
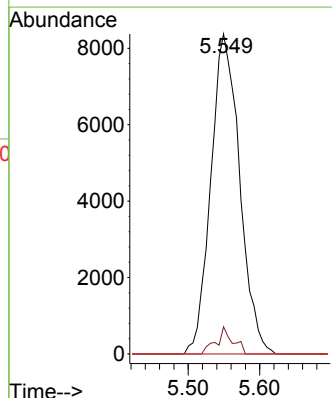
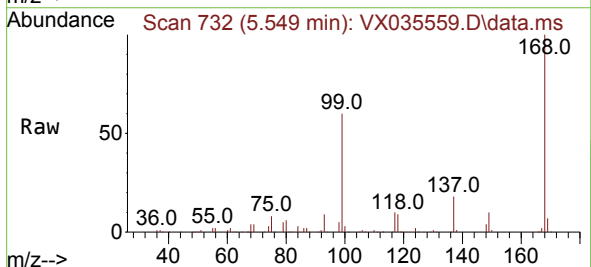
Tgt Ion: 117 Resp: 23421

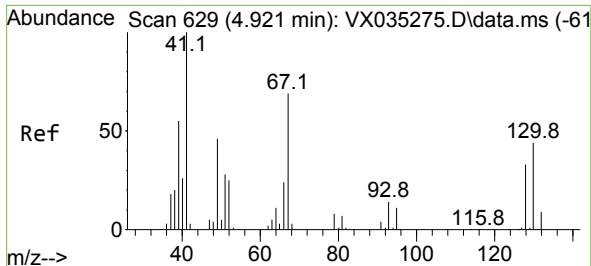
Ion Ratio Lower Upper

117 100

119 8.5 76.6 114.8#

121 0.0 23.8 35.6#

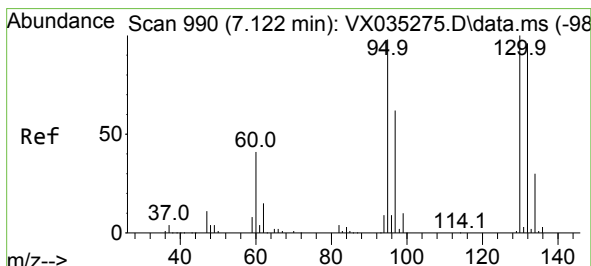
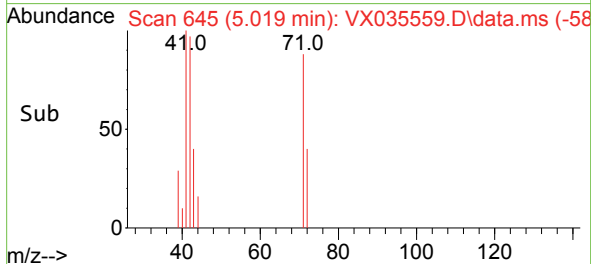
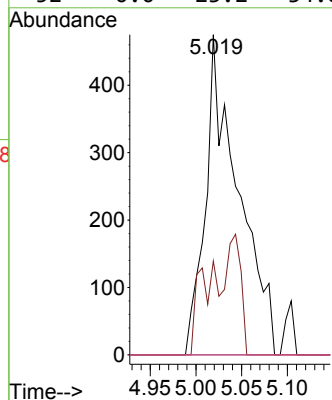
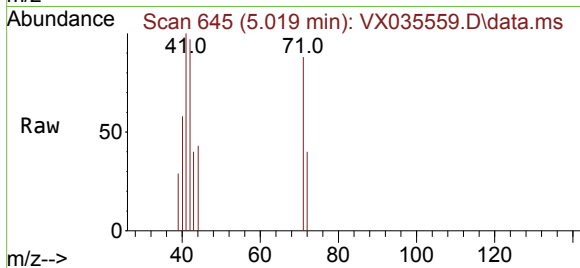




#41
Methacrylonitrile
Concen: 0.606 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.098 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

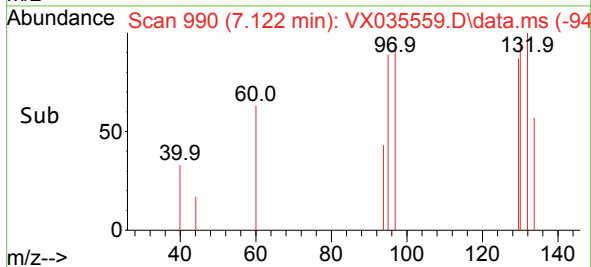
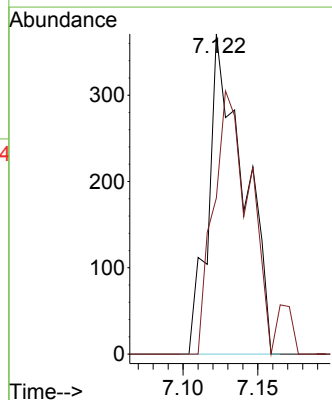
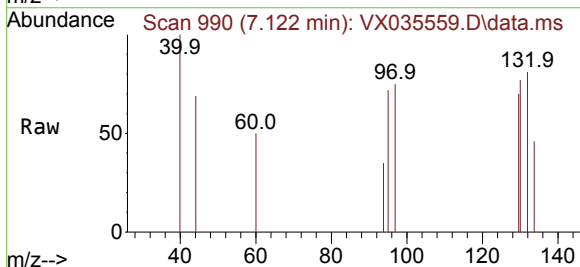
Instrument :
MSVOA_X
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FSND-EQB-02-05042023

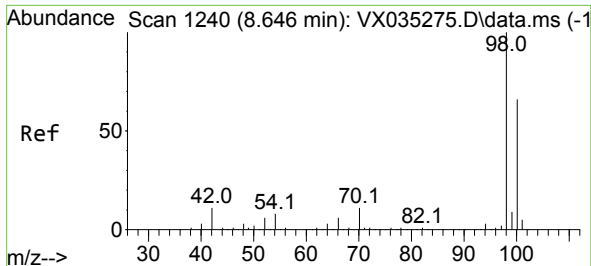
Tgt Ion:	41	Resp:	1181
Ion	Ratio	Lower	Upper
41	100		
39	10.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#44
Trichloroethene
Concen: 0.206 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion:	130	Resp:	607
Ion	Ratio	Lower	Upper
130	100		
95	48.8	0.0	198.4

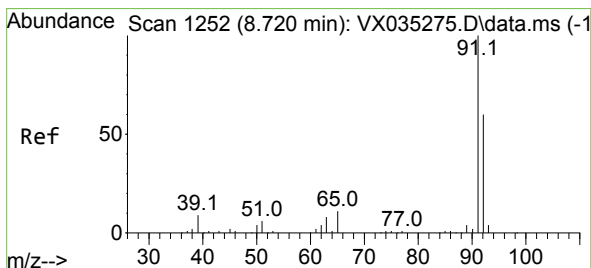
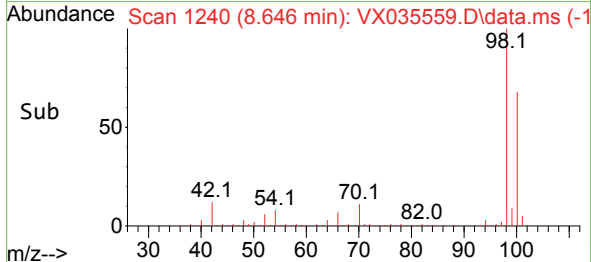
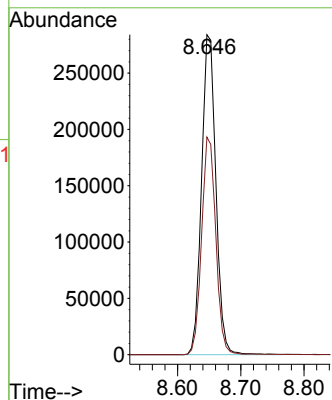
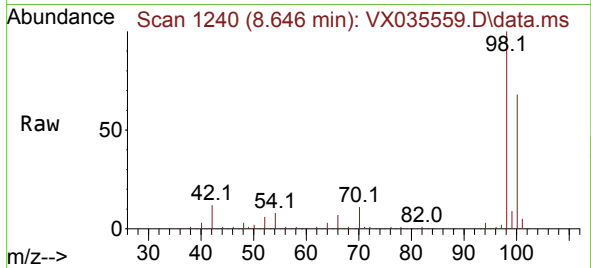




#50
Toluene-d8
Concen: 49.822 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

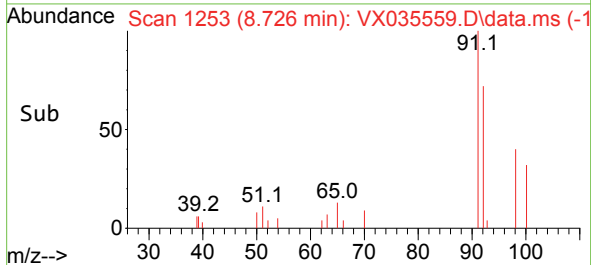
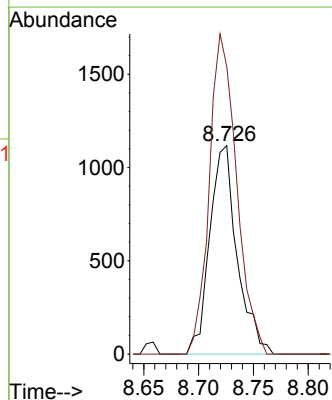
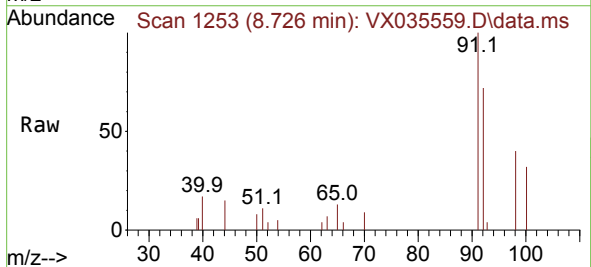
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

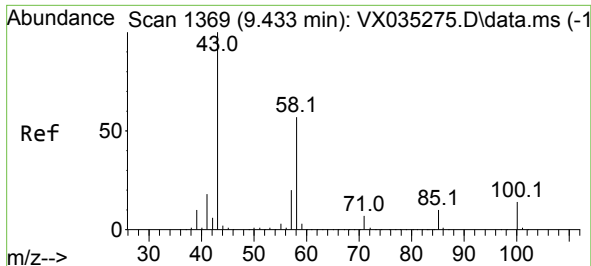
Tgt Ion: 98 Resp: 447887
Ion Ratio Lower Upper
98 100
100 67.6 52.5 78.7



#52
Toluene
Concen: 0.288 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion: 92 Resp: 1947
Ion Ratio Lower Upper
92 100
91 153.1 136.8 205.2





#59

2-Hexanone

Concen: 3.997 ug/l

RT: 9.518 min Scan# 11

Delta R.T. 0.085 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

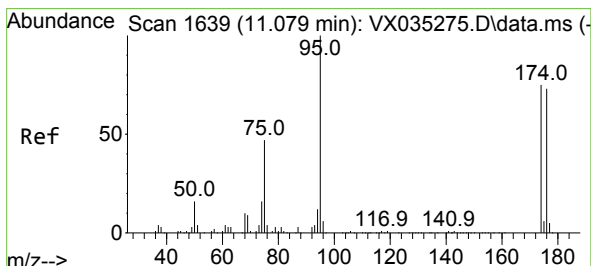
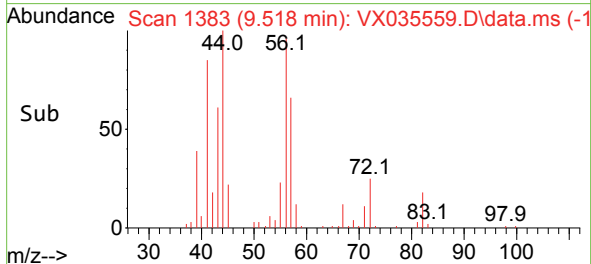
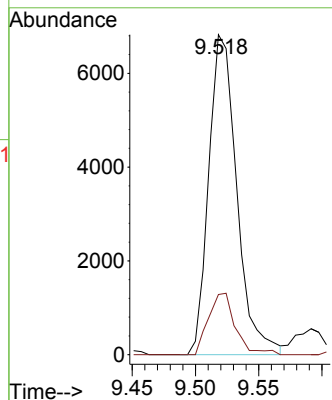
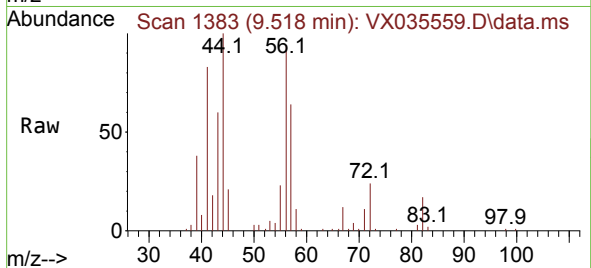
FSND-EQB-02-05042023

Tgt Ion: 43 Resp: 10536

Ion Ratio Lower Upper

43 100

58 18.4 26.3 78.9#



#62

4-Bromofluorobenzene

Concen: 52.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX035559.D

Acq: 08 May 2023 14:51

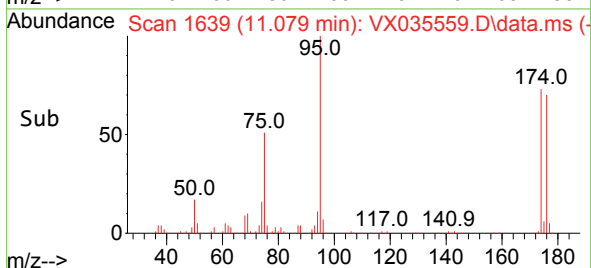
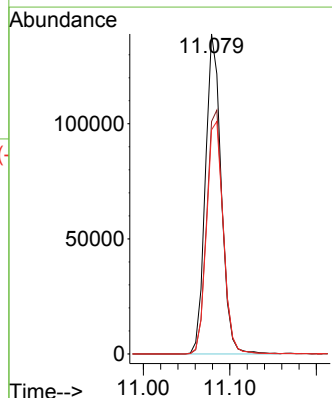
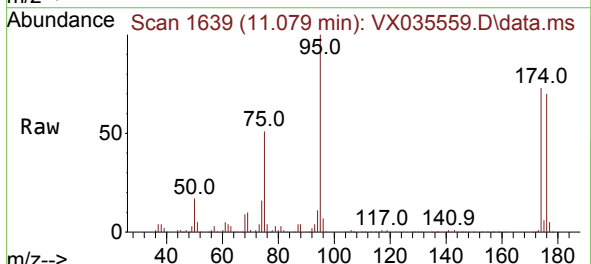
Tgt Ion: 95 Resp: 176118

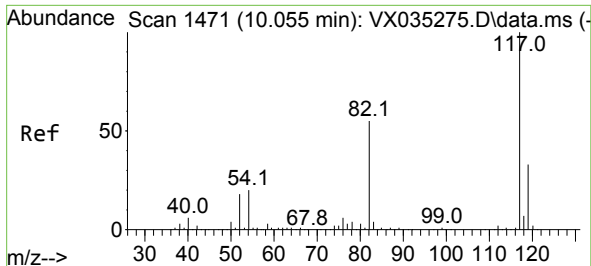
Ion Ratio Lower Upper

95 100

174 79.4 0.0 147.4

176 76.8 0.0 140.6

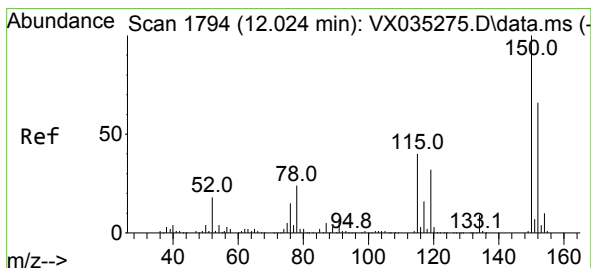
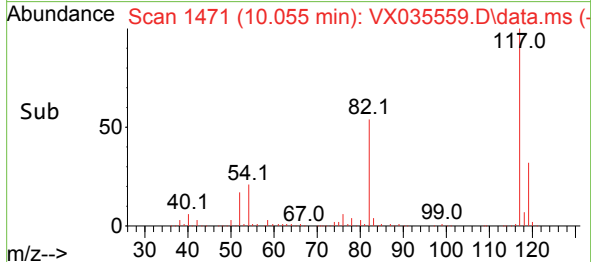
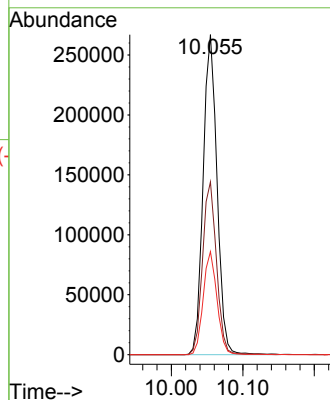
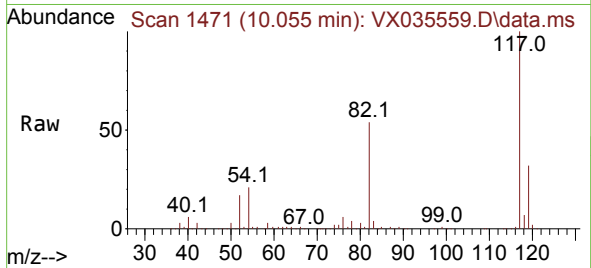




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

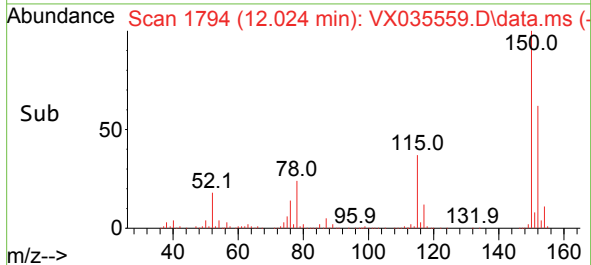
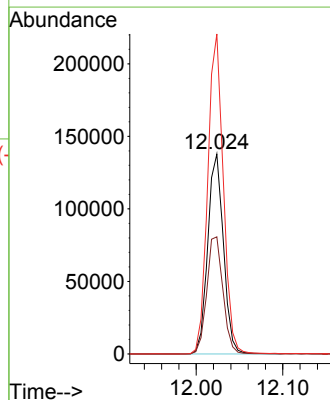
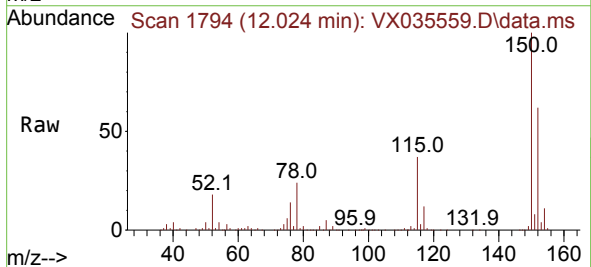
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

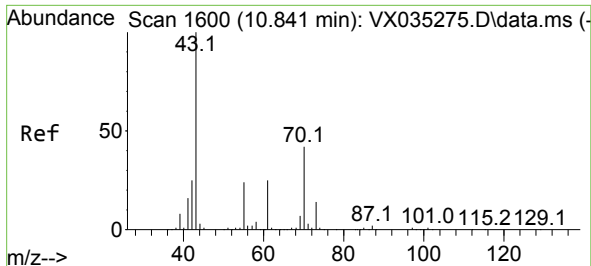
Tgt Ion:117 Resp: 360658
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

Tgt Ion:152 Resp: 173631
Ion Ratio Lower Upper
152 100
115 60.5 45.0 135.0
150 158.6 0.0 352.4

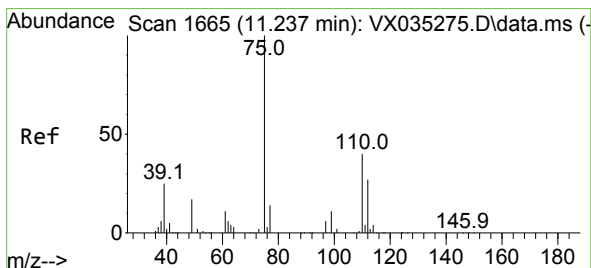
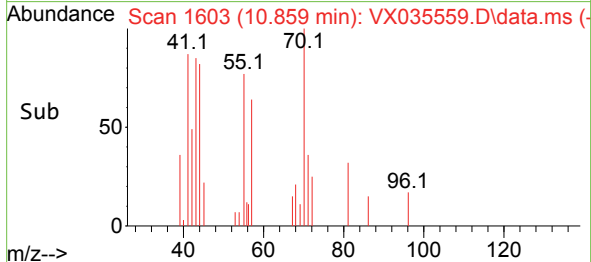
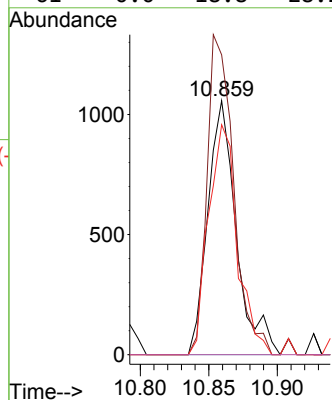
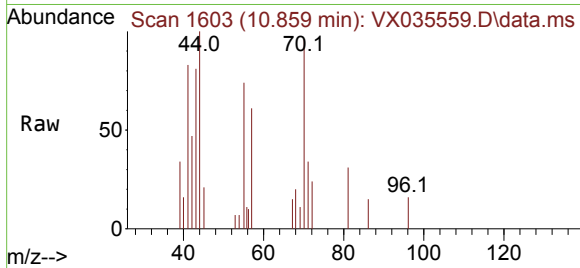




#74
N-amy1 acetate
Concen: 0.320 ug/l
RT: 10.859 min Scan# 1603
Delta R.T. 0.018 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

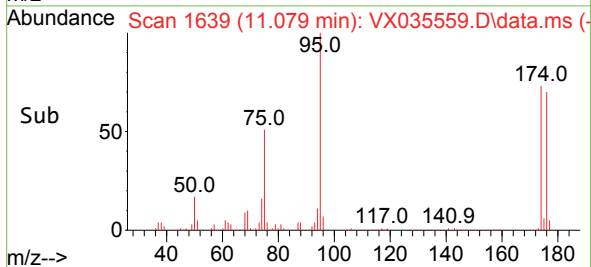
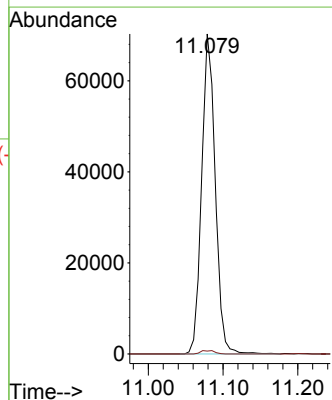
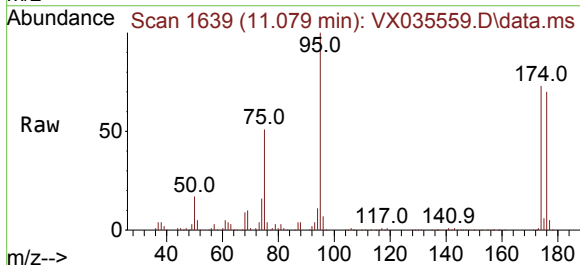
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-02-05042023

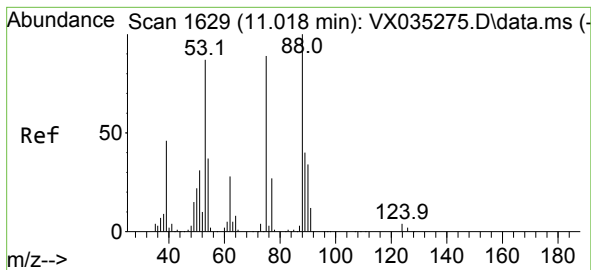
Tgt Ion: 43	Resp: 1527
Ion Ratio	Lower Upper
43	100
70	117.6 32.1 48.1#
55	91.4 18.3 27.5#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 25.639 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035559.D
Acq: 08 May 2023 14:51

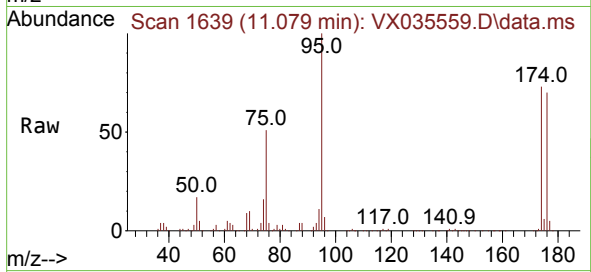
Tgt Ion: 75	Resp: 88802
Ion Ratio	Lower Upper
75	100
77	1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.040 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035559.D
 Acq: 08 May 2023 14:51

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-02-05042023



Tgt Ion: 75 Resp: 88802
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

