

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035787.D
 Acq On : 22 May 2023 16:12
 Operator : JC/MD
 Sample : 02860-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-11-05162023

Quant Time: May 23 06:13:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

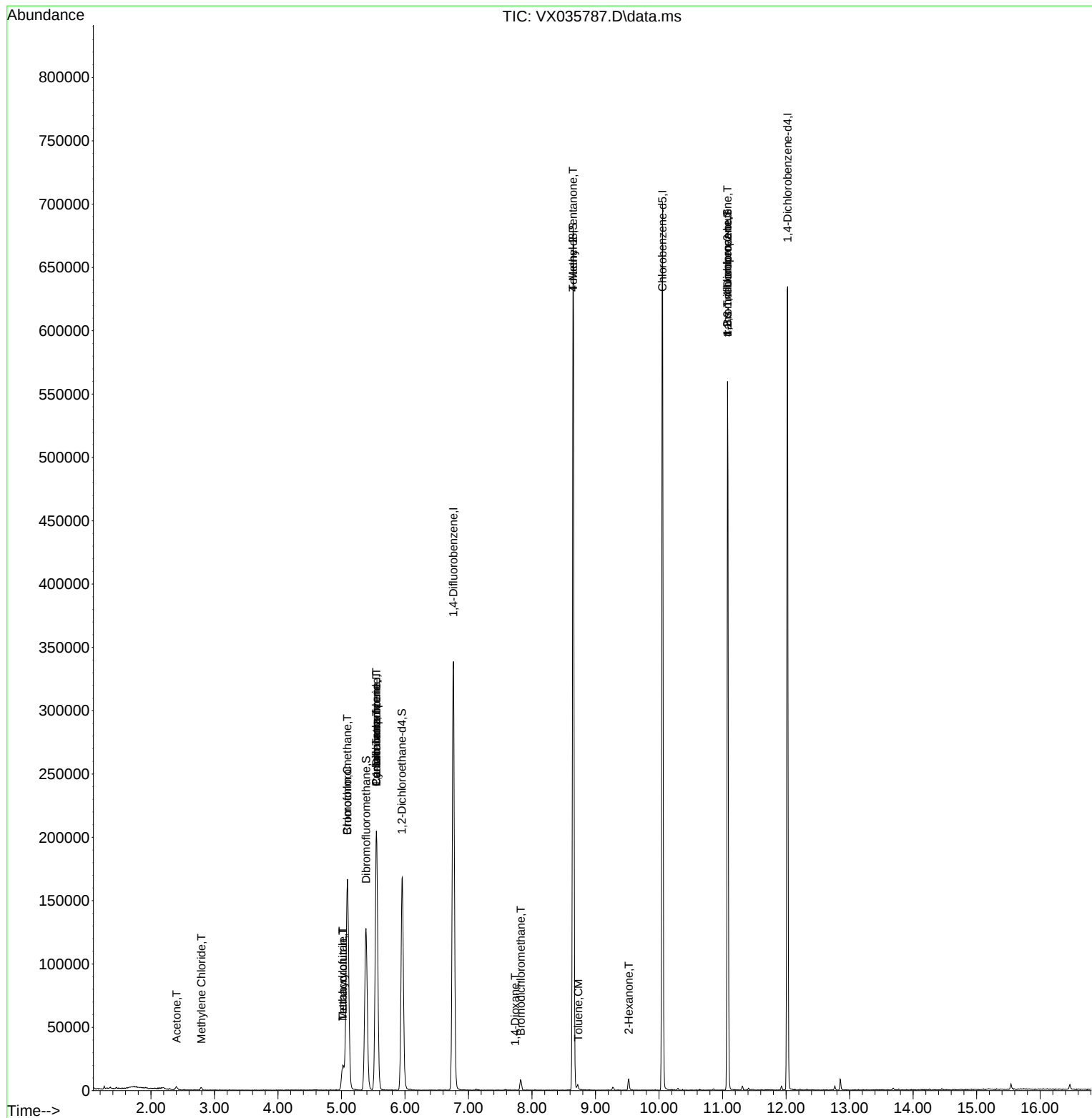
Internal Standards						
1) Pentafluorobenzene	5.550	168	170323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	325926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	287031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	168198	56.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.220%	
35) Dibromofluoromethane	5.385	113	110371	50.213	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.420%	
50) Toluene-d8	8.647	98	375678	46.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.540%	
62) 4-Bromofluorobenzene	11.079	95	149394	45.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.380%	
Target Compounds						
					Qvalue	
16) Acetone	2.404	43	3470	2.717	ug/l	# 87
20) Methylene Chloride	2.794	84	1011	0.437	ug/l	# 82
28) Bromochloromethane	5.093	49	18120	9.467	ug/l	# 15
29) Tetrahydrofuran	5.019	42	20401	18.360	ug/l	95
30) Chloroform	5.093	83	193105	44.288	ug/l	100
31) Cyclohexane	5.550	56	5216	1.389	ug/l	# 35
36) 1,1-Dichloropropene	5.550	75	17262	4.975	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	19894	6.053	ug/l	# 16
41) Methacrylonitrile	5.019	41	12933	6.019	ug/l	# 47
47) Bromodichloromethane	7.824	83	5556	1.634	ug/l	# 83
49) 1,4-Dioxane	7.732	88	19	2.276	ug/l	# 11
51) 4-Methyl-2-Pentanone	8.647	43	1933	0.532	ug/l	# 1
52) Toluene	8.726	92	1286	0.210	ug/l	97
59) 2-Hexanone	9.525	43	1269	0.464	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	82493	27.586	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	82493	88.905	ug/l	# 8

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

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Quant Title : SW846 8260
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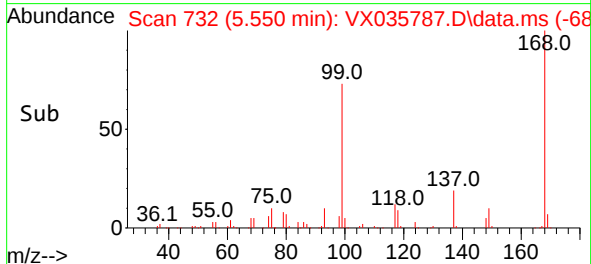
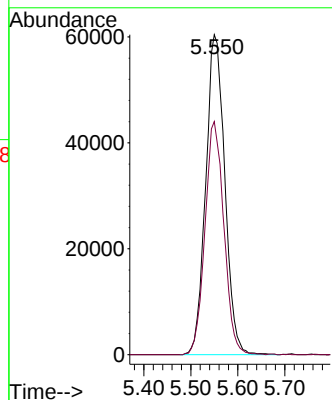
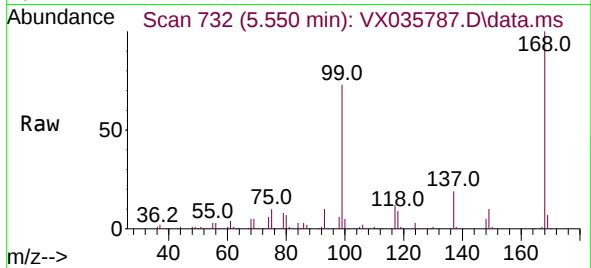




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

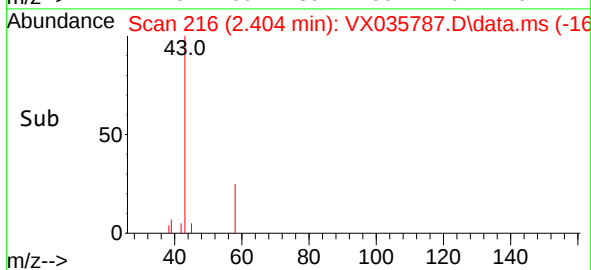
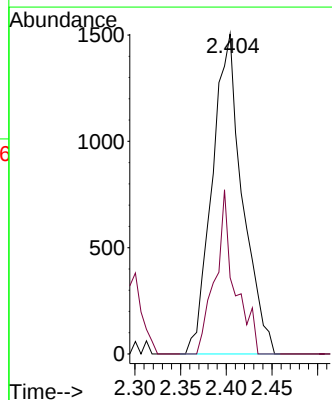
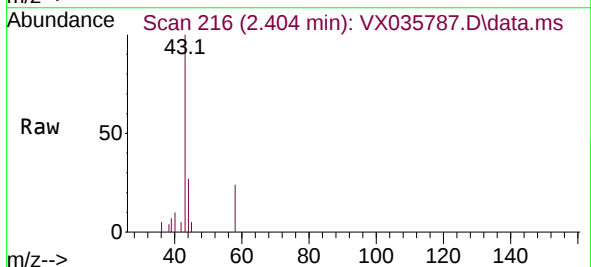
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

Tgt Ion:168 Resp: 170323
Ion Ratio Lower Upper
168 100
99 72.9 45.7 68.5#



#16
Acetone
Concen: 2.717 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.012 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion: 43 Resp: 3470
Ion Ratio Lower Upper
43 100
58 23.9 24.7 37.1#

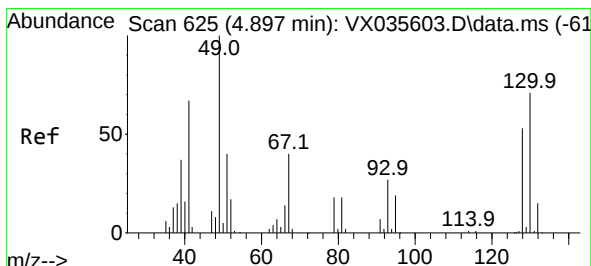
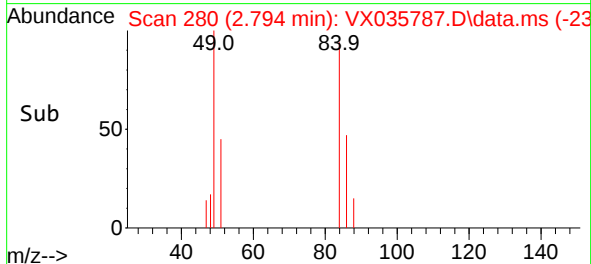
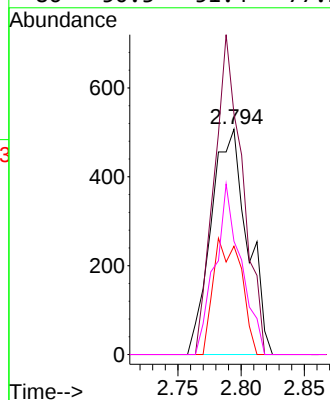
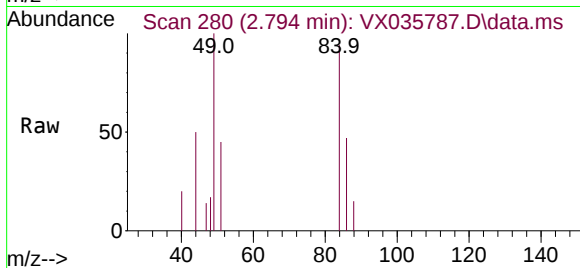




#20
Methylene Chloride
Concen: 0.437 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

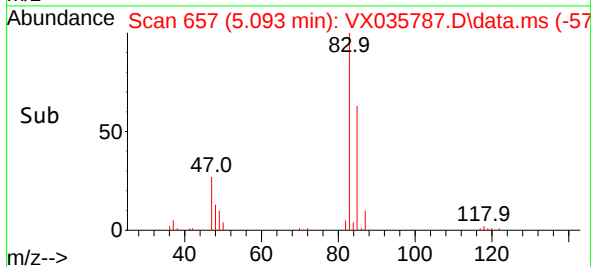
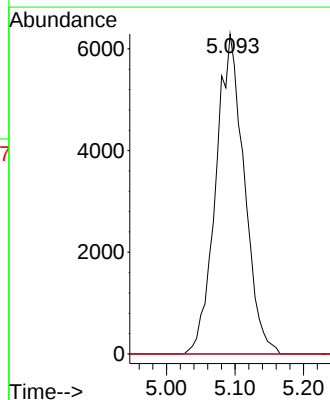
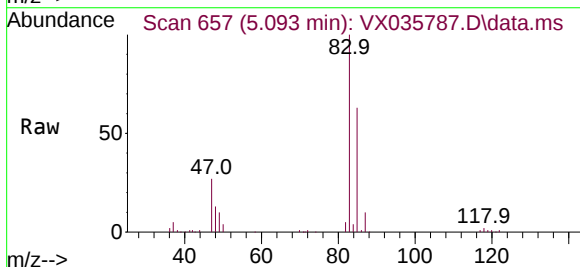
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

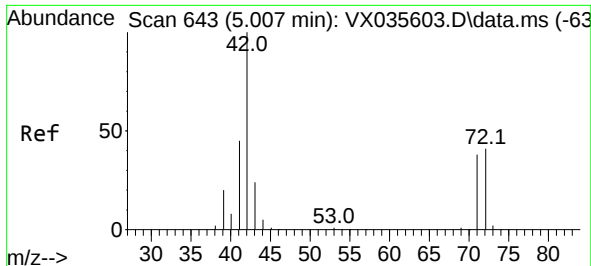
Tgt Ion:	84	Resp:	1011
Ion	Ratio	Lower	Upper
84	100		
49	106.9	103.8	155.8
51	48.1	31.8	47.8#
86	50.3	51.4	77.2#



#28
Bromochloromethane
Concen: 9.467 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.196 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion:	49	Resp:	18120
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	58.2	87.2#

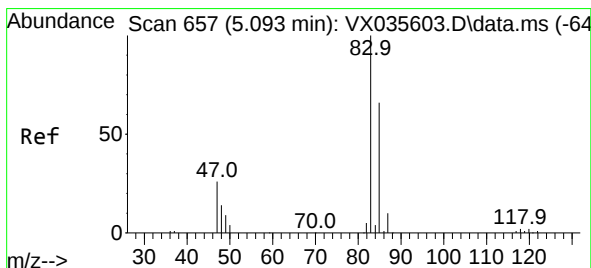
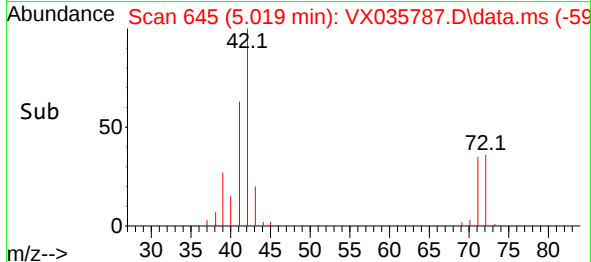
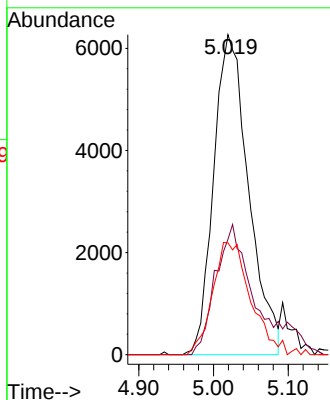
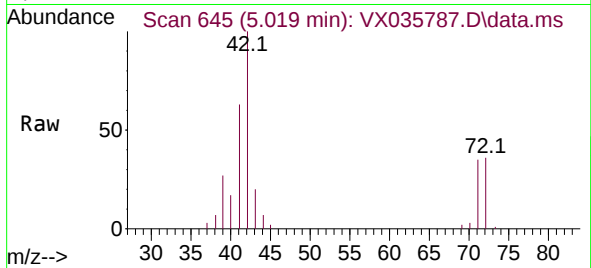




#29
Tetrahydrofuran
Concen: 18.360 ug/l
RT: 5.019 min Scan# 64
Delta R.T. 0.012 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

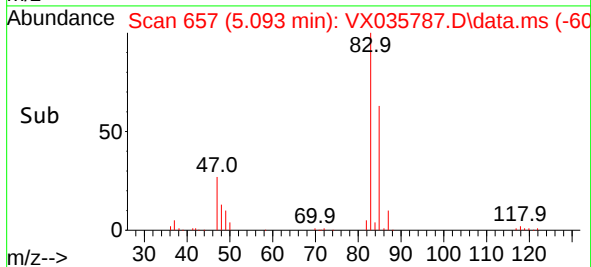
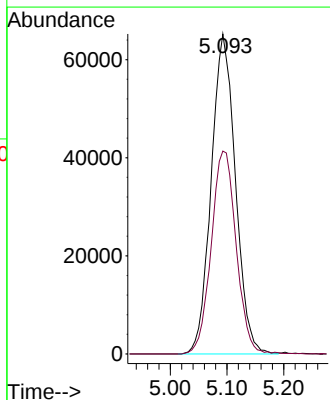
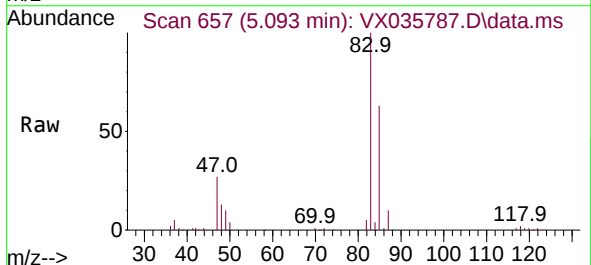
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

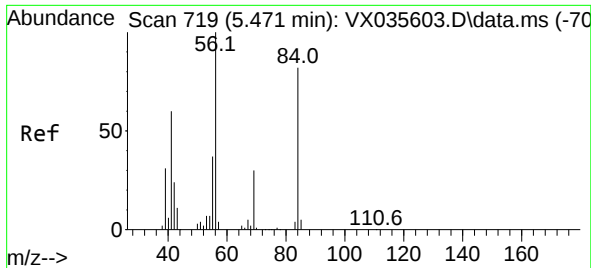
Tgt Ion: 42 Resp: 20401
Ion Ratio Lower Upper
42 100
72 47.3 34.5 51.7
71 38.2 32.1 48.1



#30
Chloroform
Concen: 44.288 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion: 83 Resp: 193105
Ion Ratio Lower Upper
83 100
85 63.4 50.6 76.0





#31

Cyclohexane

Concen: 1.389 ug/l

RT: 5.550 min Scan# 719

Delta R.T. 0.079 min

Lab File: VX035787.D

Acq: 22 May 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-11-05162023

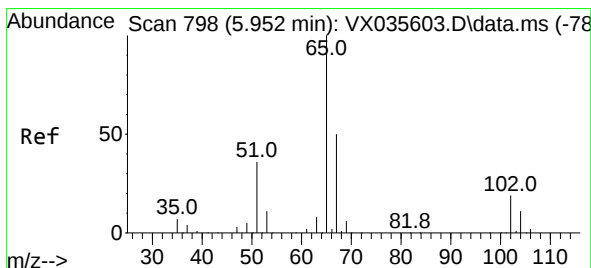
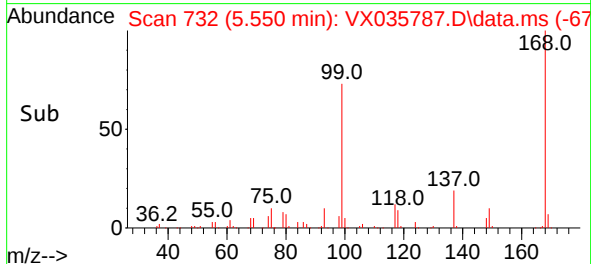
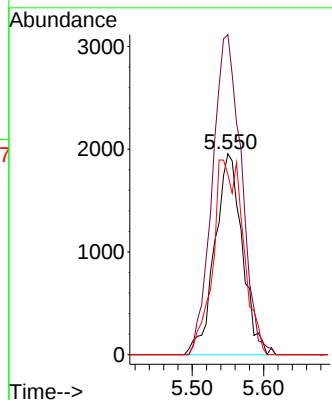
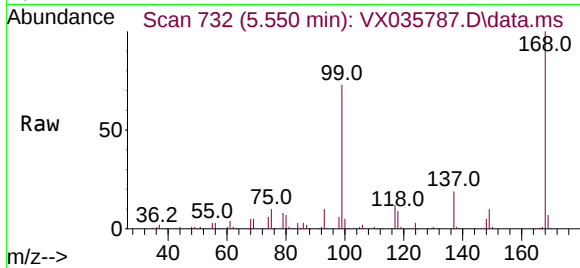
Tgt Ion: 56 Resp: 5216

Ion Ratio Lower Upper

56 100

69 159.3 23.7 35.5#

84 89.7 68.5 102.7



#33

1,2-Dichloroethane-d4

Concen: 56.607 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035787.D

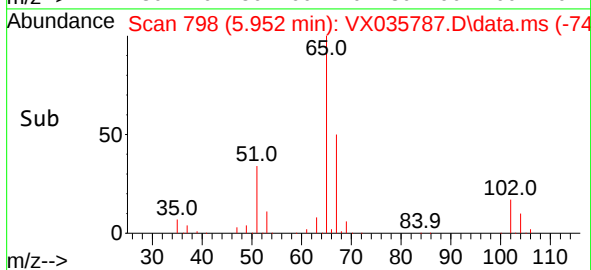
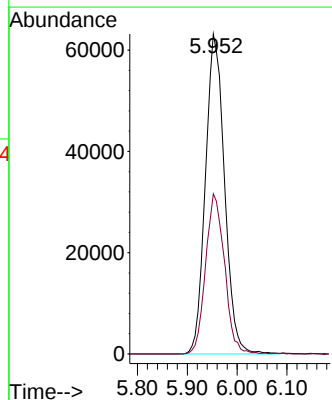
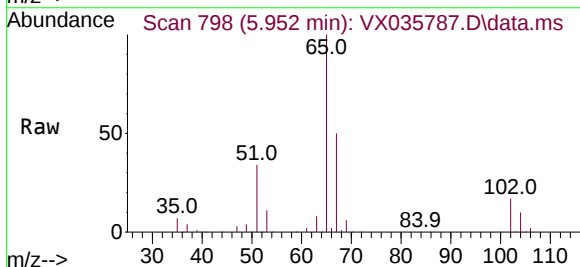
Acq: 22 May 2023 16:12

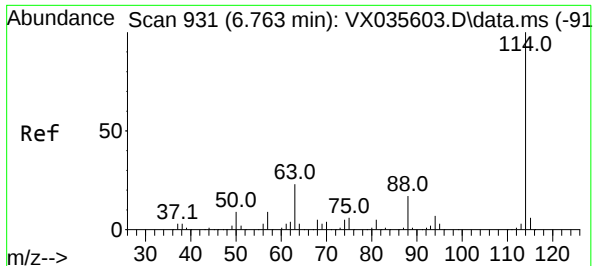
Tgt Ion: 65 Resp: 168198

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.0

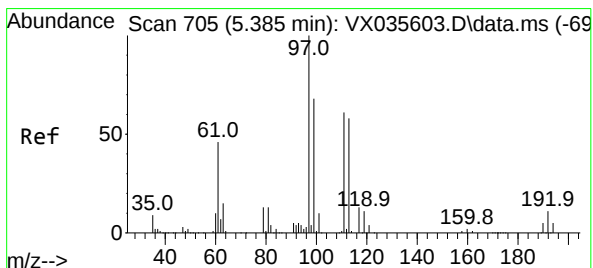
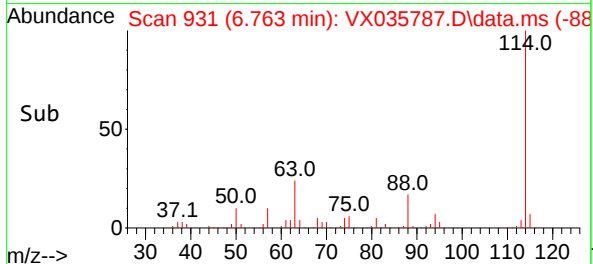
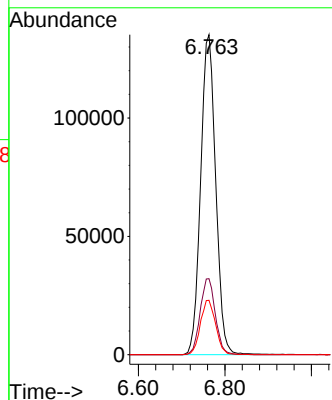
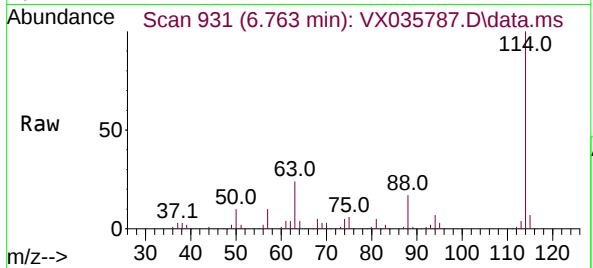




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

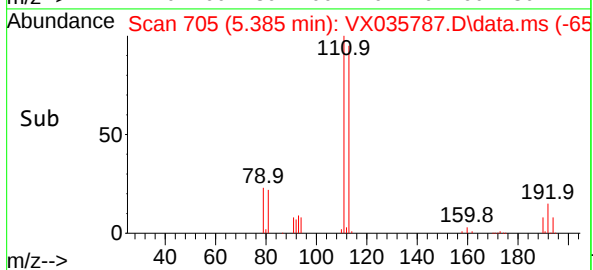
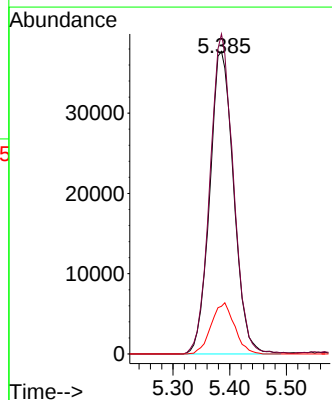
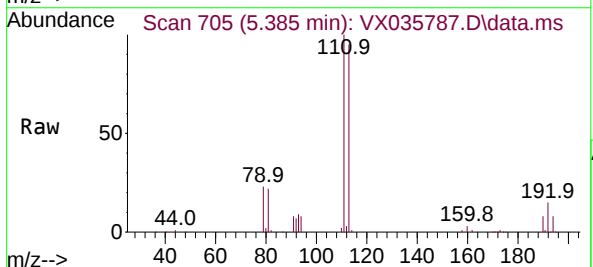
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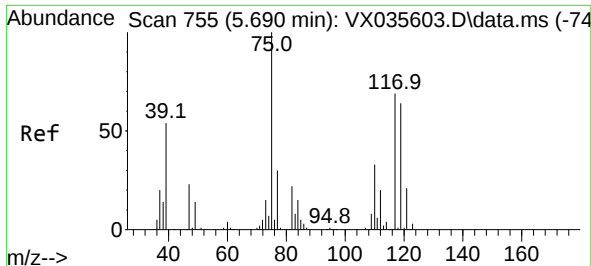
Tgt Ion:114 Resp: 325926
Ion Ratio Lower Upper
114 100
63 23.7 0.0 42.2
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion:113 Resp: 110371
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 16.5 15.4 23.2

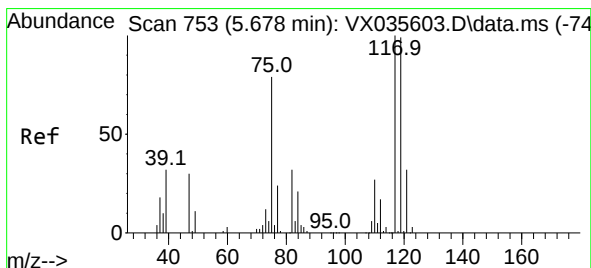
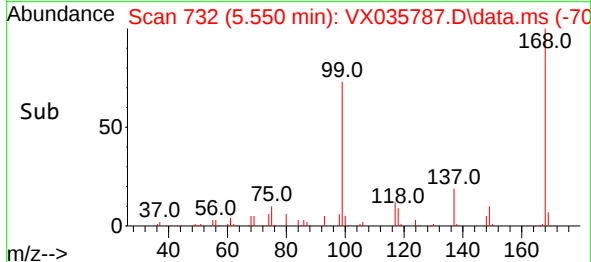
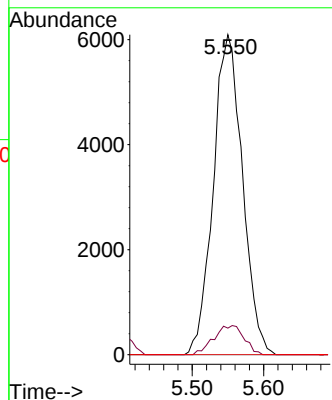
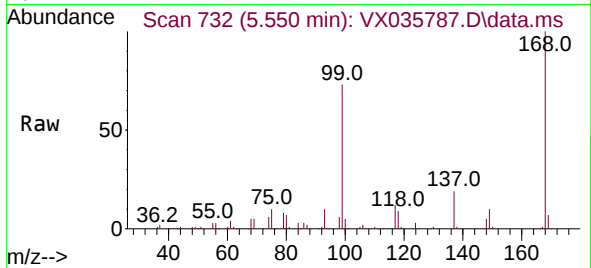




#36
1,1-Dichloropropene
Concen: 4.975 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

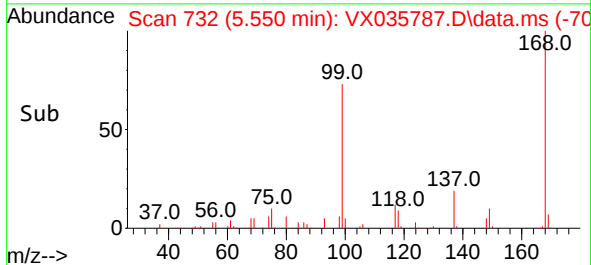
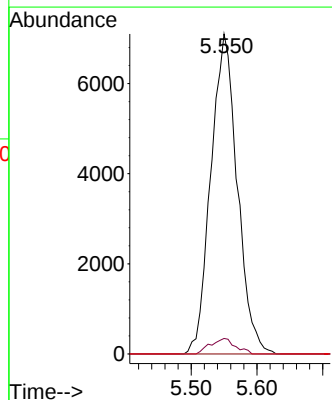
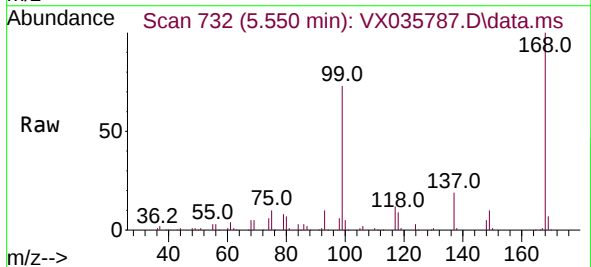
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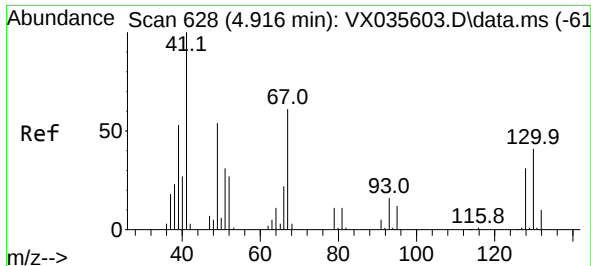
Tgt Ion: 75 Resp: 17262
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion: 117 Resp: 19894
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#

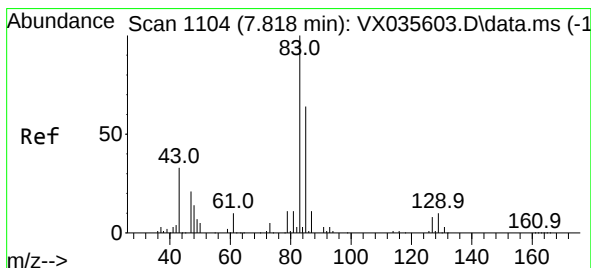
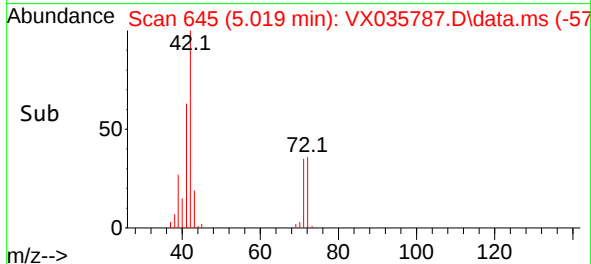
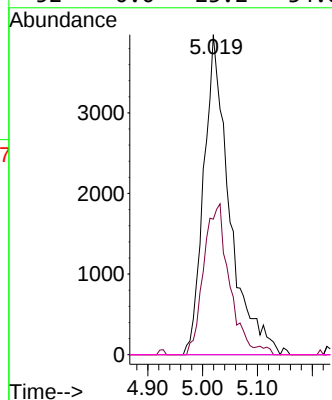
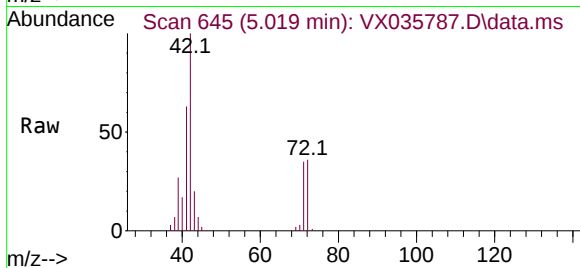




#41
Methacrylonitrile
Concen: 6.019 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.103 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

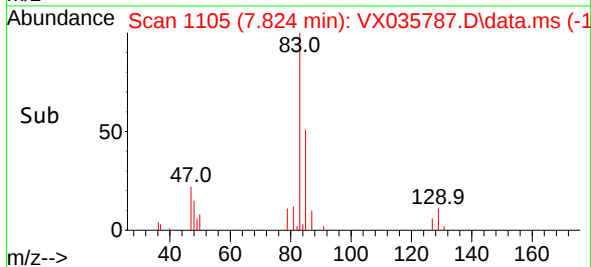
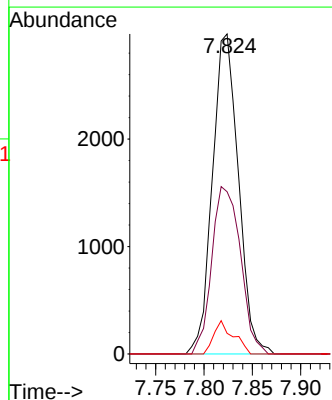
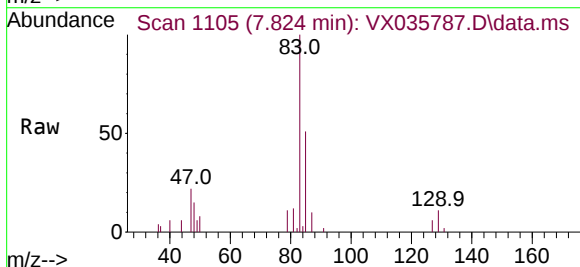
Instrument :
MSVOA_X
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FSND-EQB-11-05162023

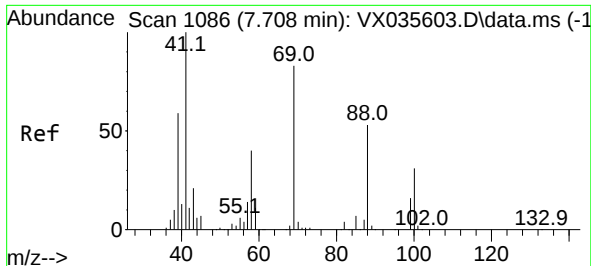
Tgt Ion:	41	Resp:	12933
Ion	Ratio	Lower	Upper
41	100		
39	46.5	45.0	67.6
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#47
Bromodichloromethane
Concen: 1.634 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion:	83	Resp:	5556
Ion	Ratio	Lower	Upper
83	100		
85	50.7	52.2	78.4#
127	6.5	6.6	9.8#





#49

1,4-Dioxane

Concen: 2.276 ug/l

RT: 7.732 min Scan# 1086

Delta R.T. 0.024 min

Lab File: VX035787.D

Acq: 22 May 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-11-05162023

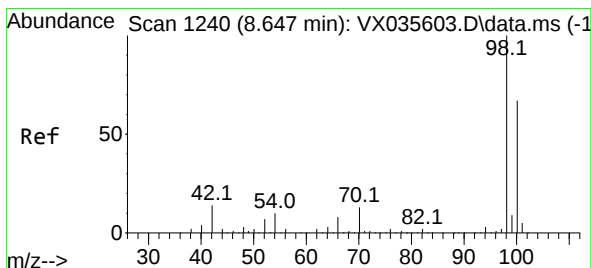
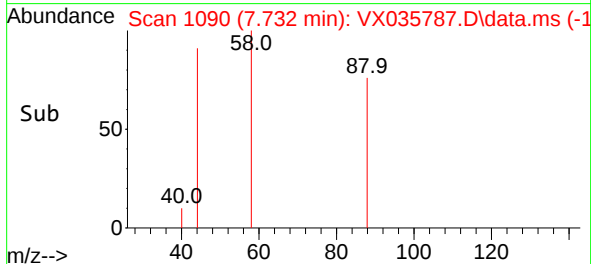
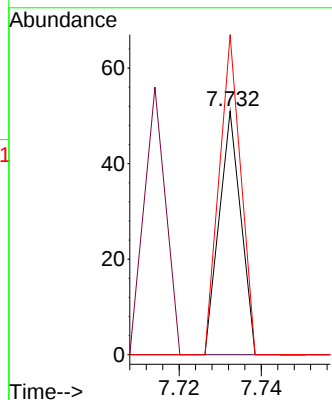
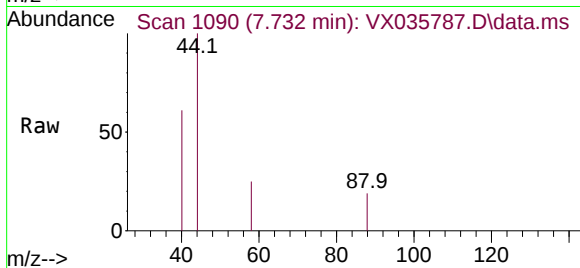
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 105.3 27.7 41.5#

58 131.6 56.8 85.2#



#50

Toluene-d8

Concen: 46.265 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035787.D

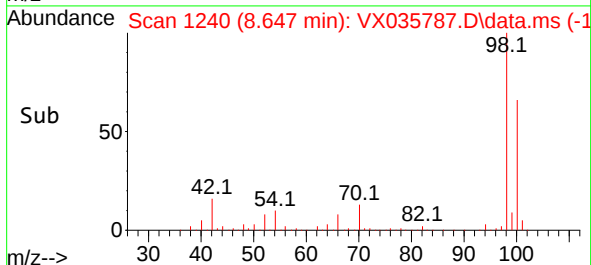
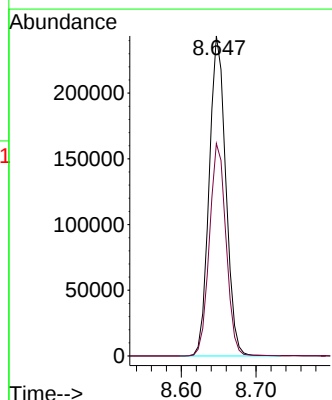
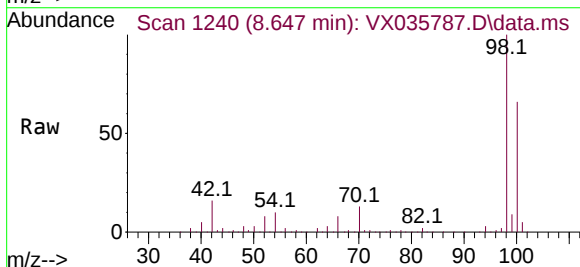
Acq: 22 May 2023 16:12

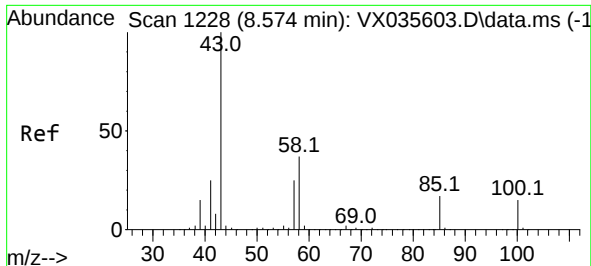
Tgt Ion: 98 Resp: 375678

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.532 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035787.D

Acq: 22 May 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

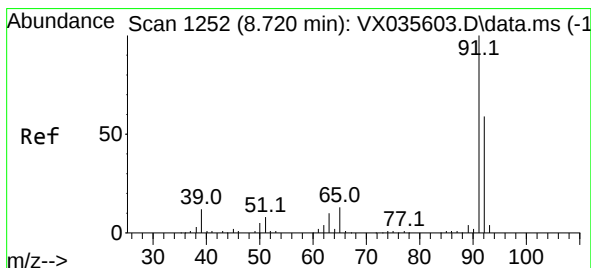
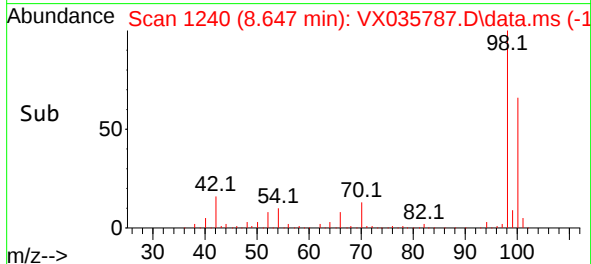
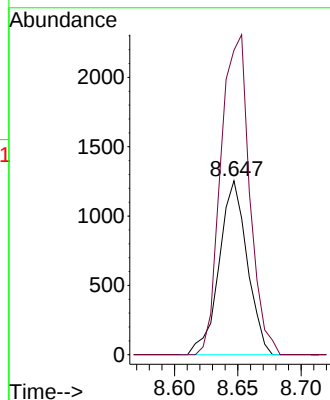
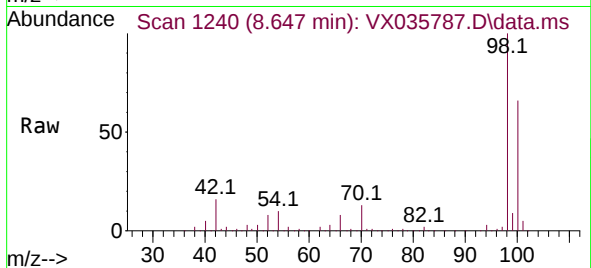
FSND-EQB-11-05162023

Tgt Ion: 43 Resp: 1933

Ion Ratio Lower Upper

43 100

58 189.1 30.6 46.0#



#52

Toluene

Concen: 0.210 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX035787.D

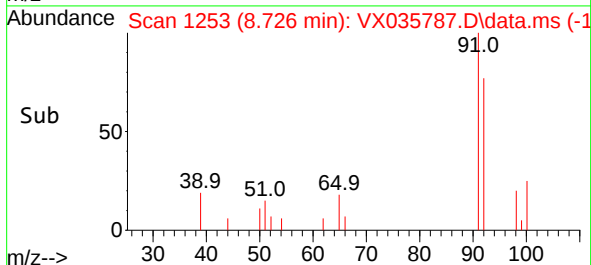
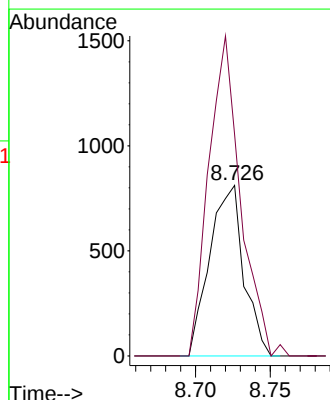
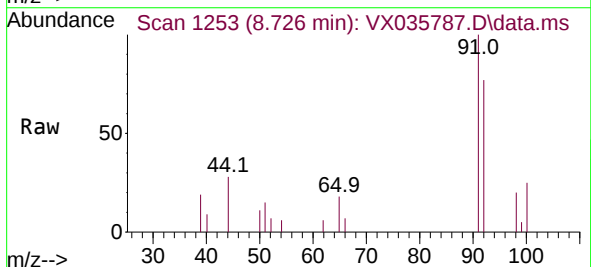
Acq: 22 May 2023 16:12

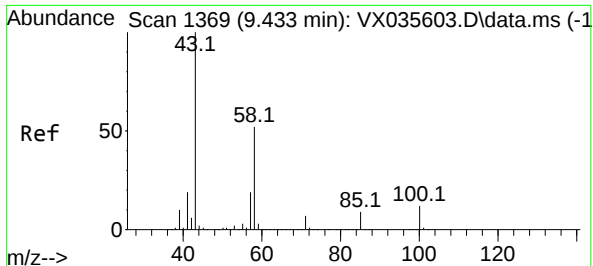
Tgt Ion: 92 Resp: 1286

Ion Ratio Lower Upper

92 100

91 175.3 136.8 205.2

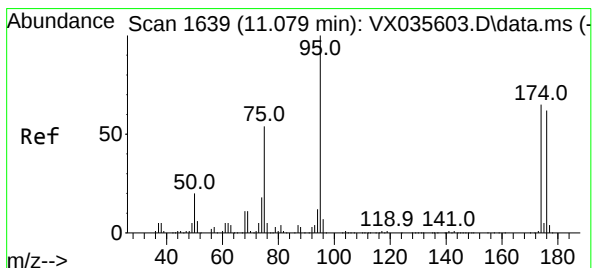
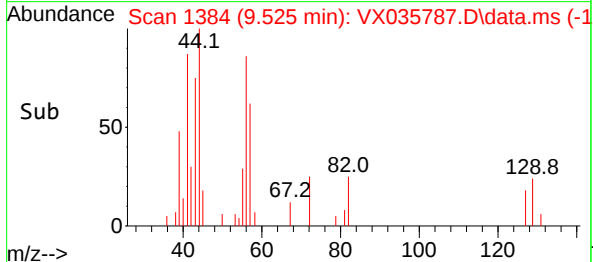
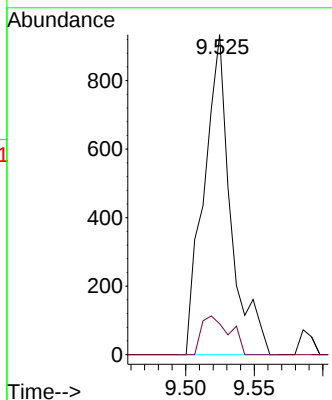
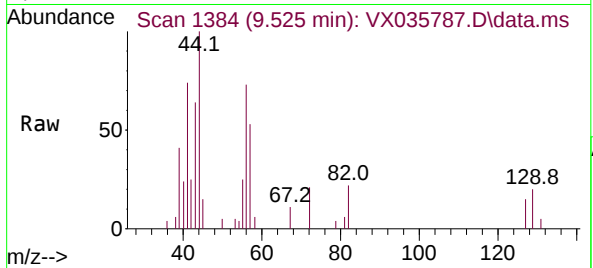




#59
2-Hexanone
Concen: 0.464 ug/l
RT: 9.525 min Scan# 11384
Delta R.T. 0.092 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

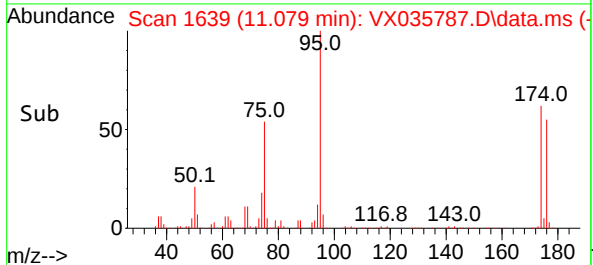
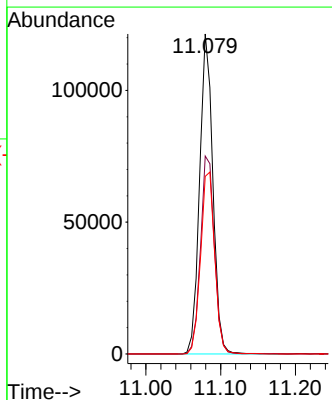
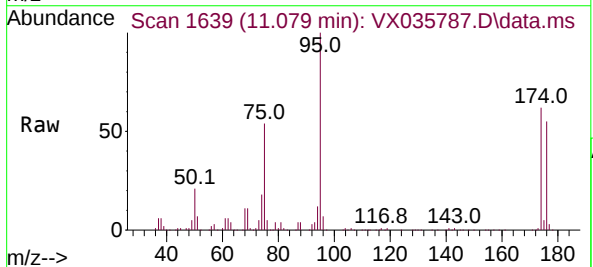
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

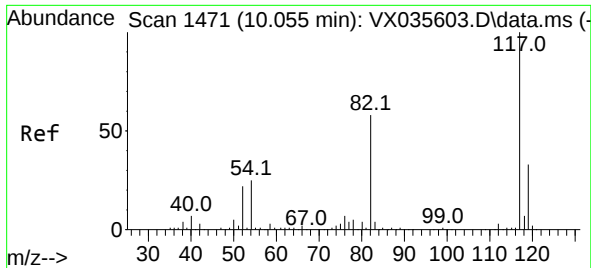
Tgt Ion: 43 Resp: 1269
Ion Ratio Lower Upper
43 100
58 12.8 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 45.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion: 95 Resp: 149394
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 60.5 0.0 140.6

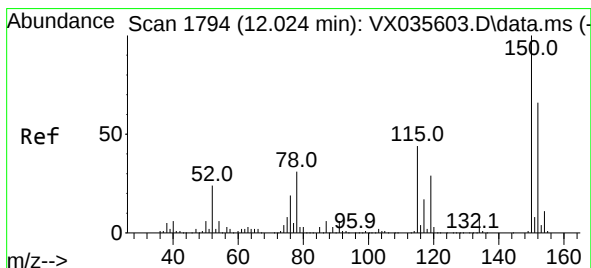
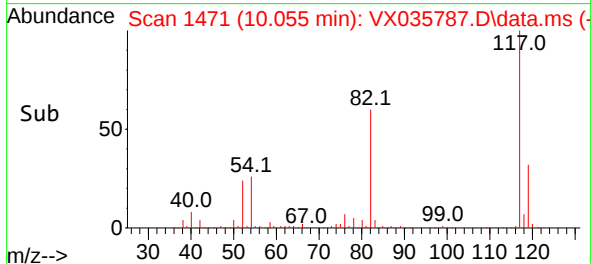
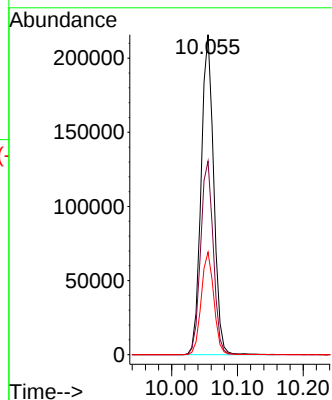
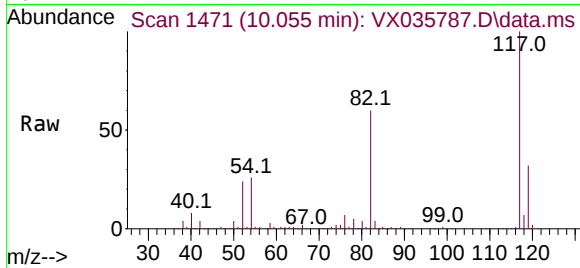




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

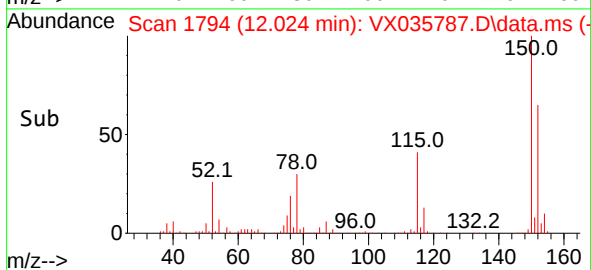
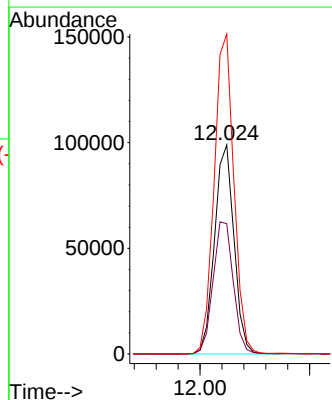
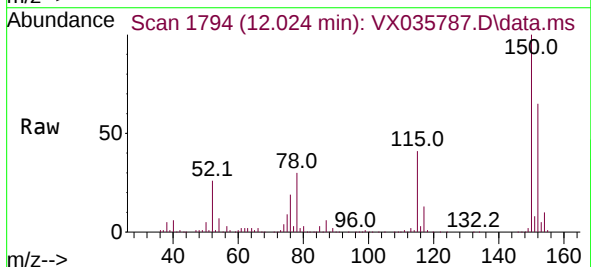
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

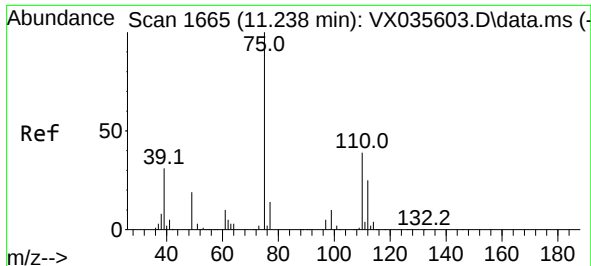
Tgt Ion:117 Resp: 287031
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion:152 Resp: 122256
Ion Ratio Lower Upper
152 100
115 65.6 45.0 135.0
150 154.6 0.0 352.4

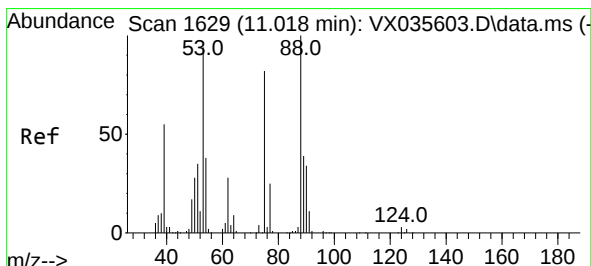
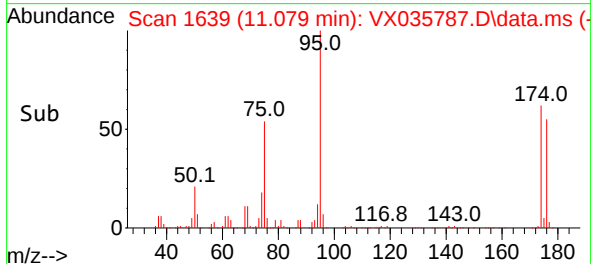
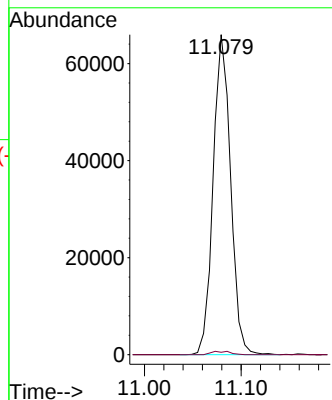
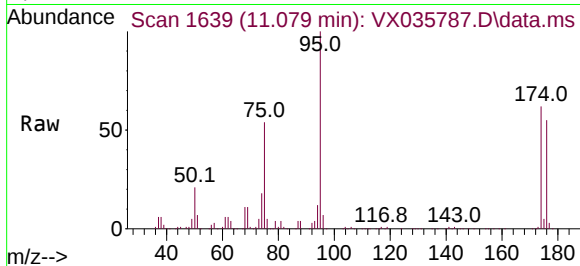




#76
1,2,3-Trichloropropane
Concen: 27.586 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-11-05162023

Tgt Ion: 75 Resp: 82493
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.905 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035787.D
Acq: 22 May 2023 16:12

Tgt Ion: 75 Resp: 82493
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

