

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051923\
 Data File : VX035769.D
 Acq On : 19 May 2023 18:37
 Operator : JC/MD
 Sample : 02860-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-09-05122023

Quant Time: May 22 05:19:56 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)

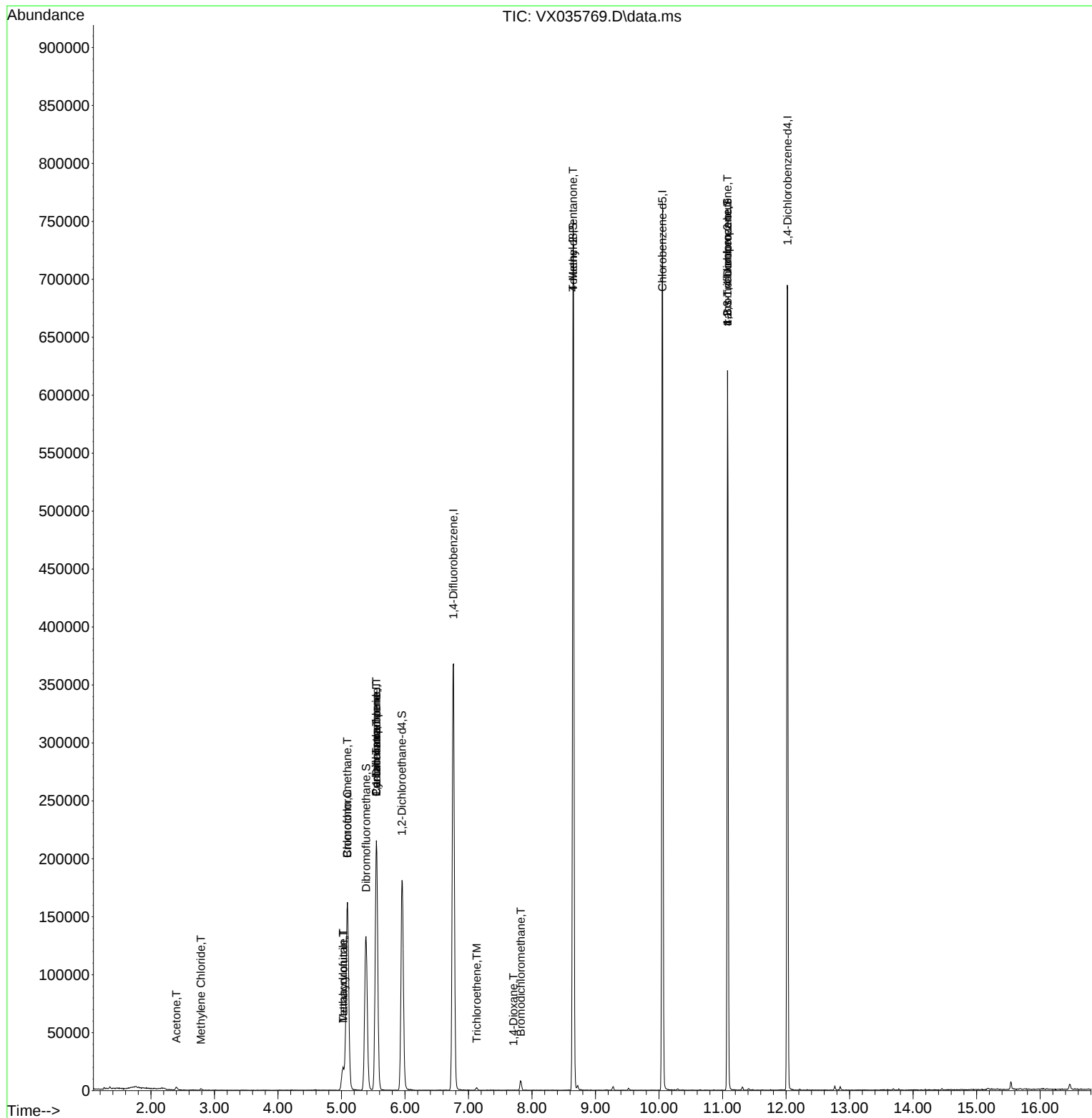
Internal Standards						
1) Pentafluorobenzene	5.550	168	178582	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	348232	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	184983	59.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 118.760%#	
35) Dibromofluoromethane	5.385	113	116493	49.604	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.200%	
50) Toluene-d8	8.647	98	420561	48.475	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.960%	
62) 4-Bromofluorobenzene	11.079	95	161251	46.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.320%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	3482	2.600	ug/l	91
20) Methylene Chloride	2.788	84	594	0.245	ug/l	# 79
28) Bromochloromethane	5.093	49	17386	8.664	ug/l	# 15
29) Tetrahydrofuran	5.026	42	20749	17.810	ug/l	95
30) Chloroform	5.093	83	189940	41.547	ug/l	100
31) Cyclohexane	5.550	56	5371	1.365	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17856	4.817	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	21221	6.043	ug/l	# 15
41) Methacrylonitrile	5.026	41	12359	5.384	ug/l	# 47
44) Trichloroethene	7.129	130	776	0.295	ug/l	98
47) Bromodichloromethane	7.824	83	4995	1.375	ug/l	# 91
49) 1,4-Dioxane	7.708	88	52	2.705	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.647	43	2505	0.645	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	90384	27.793	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	90384	89.572	ug/l	# 8

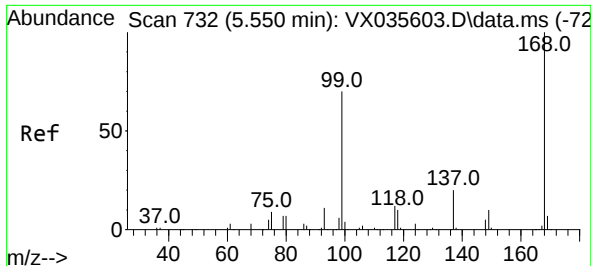
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX035769.D
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Sample : 02860-14
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MSVOA_X
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FSND-EQB-09-05122023

Quant Time: May 22 05:19:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

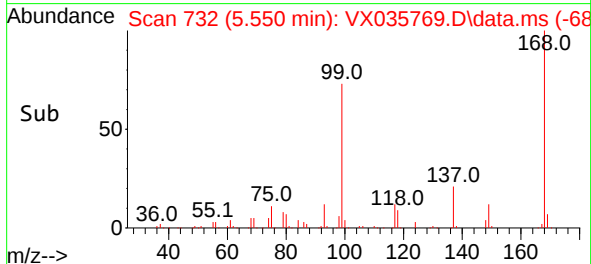
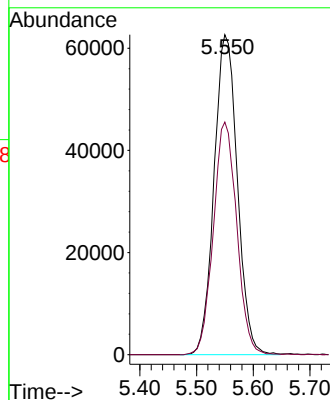
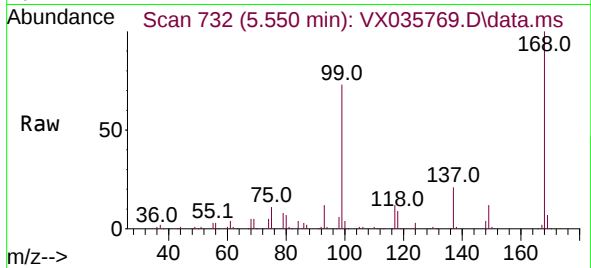




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

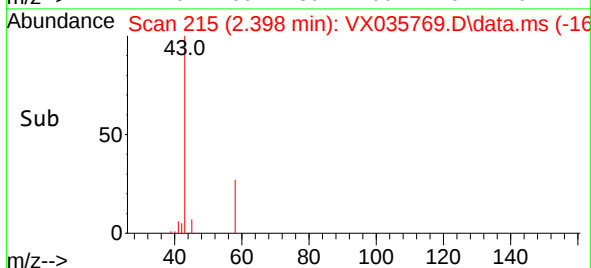
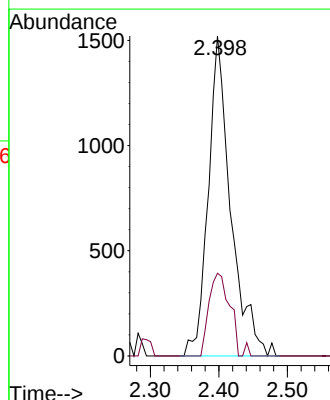
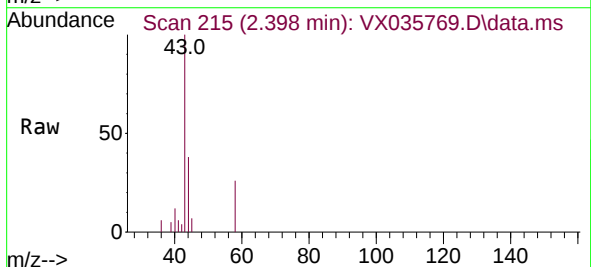
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

Tgt Ion:168 Resp: 178582
Ion Ratio Lower Upper
168 100
99 72.7 45.7 68.5#



#16
Acetone
Concen: 2.600 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 43 Resp: 3482
Ion Ratio Lower Upper
43 100
58 25.8 24.7 37.1

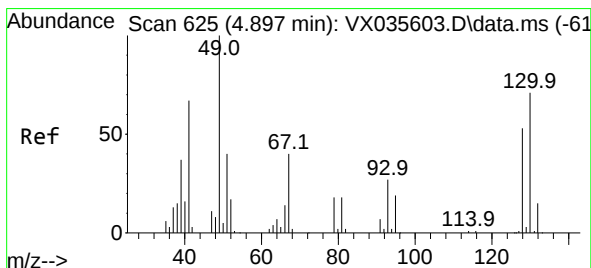
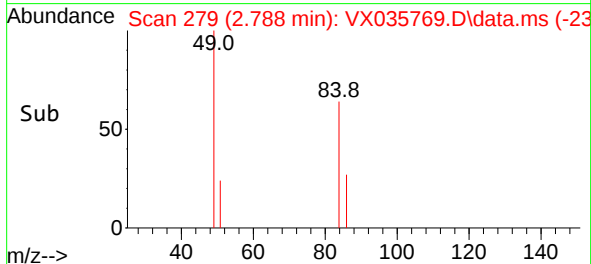
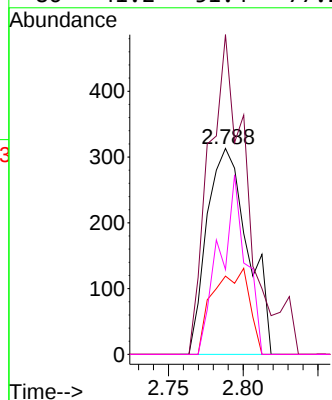
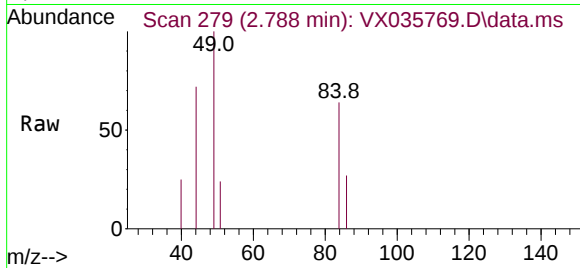




#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

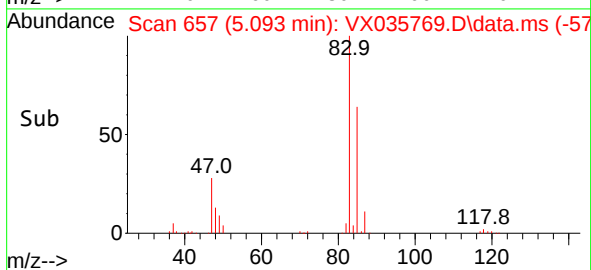
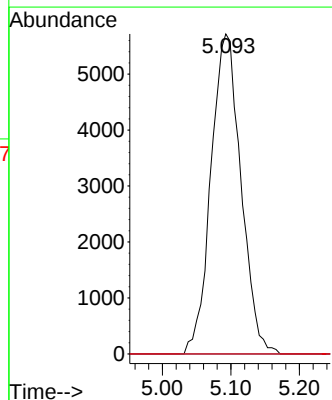
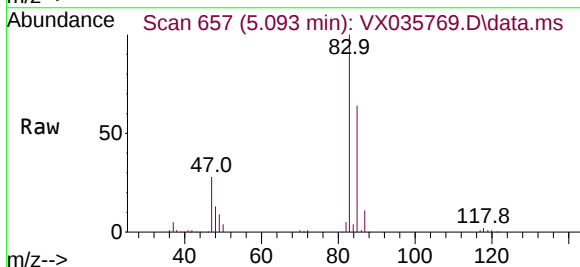
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

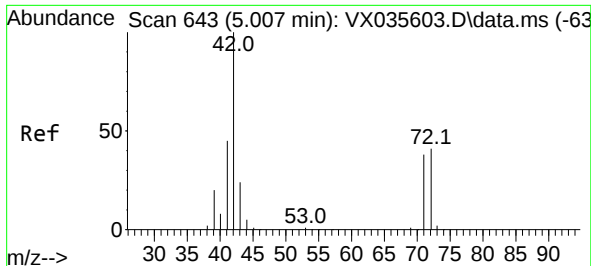
Tgt Ion:	84	Resp:	594
Ion	Ratio	Lower	Upper
84	100		
49	155.3	103.8	155.8
51	38.0	31.8	47.8
86	41.2	51.4	77.2



#28
Bromochloromethane
Concen: 8.664 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.196 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion:	49	Resp:	17386
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	58.2	87.2





#29

Tetrahydrofuran

Concen: 17.810 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX035769.D

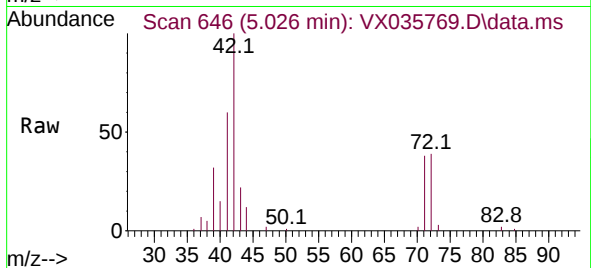
Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023



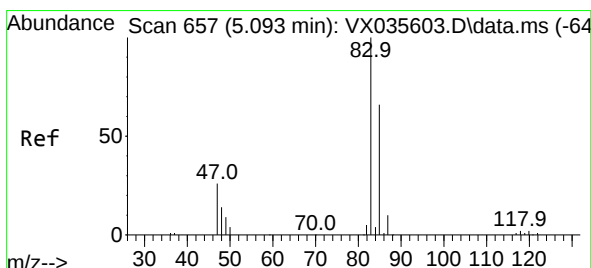
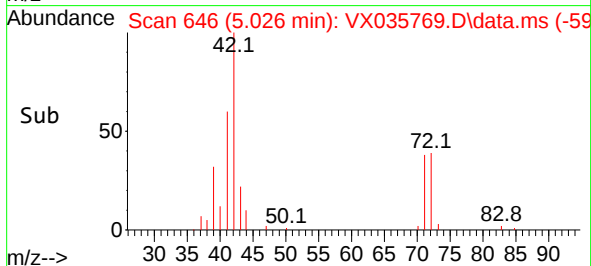
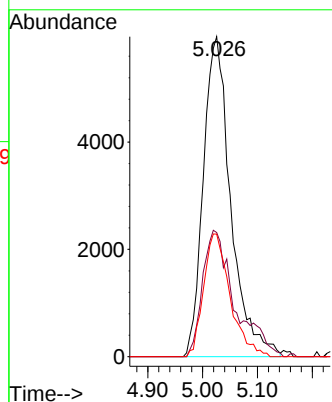
Tgt Ion: 42 Resp: 20749

Ion Ratio Lower Upper

42 100

72 46.3 34.5 51.7

71 37.1 32.1 48.1



#30

Chloroform

Concen: 41.547 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035769.D

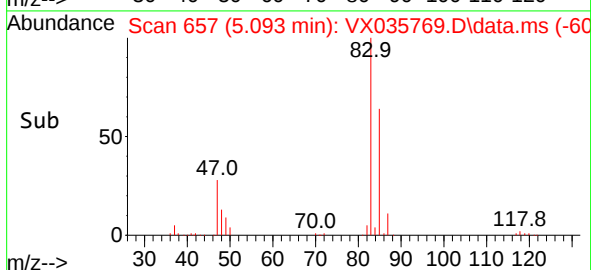
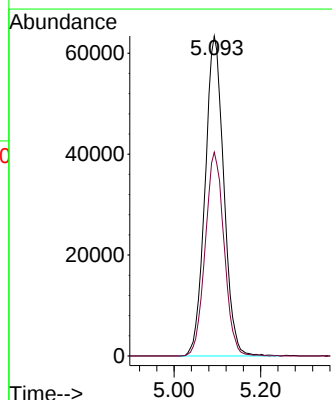
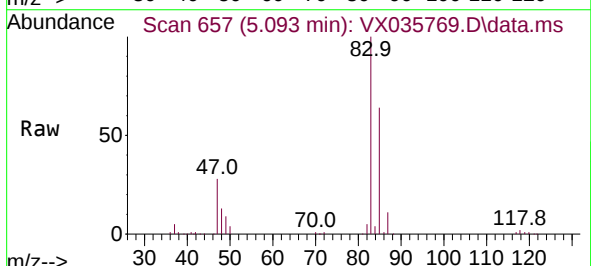
Acq: 19 May 2023 18:37

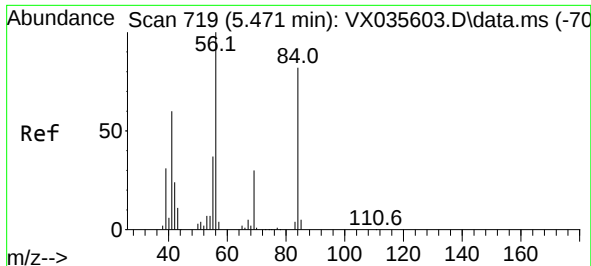
Tgt Ion: 83 Resp: 189940

Ion Ratio Lower Upper

83 100

85 63.7 50.6 76.0

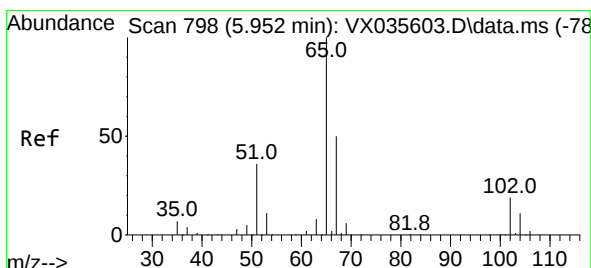
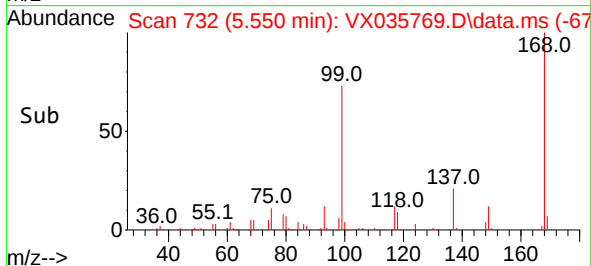
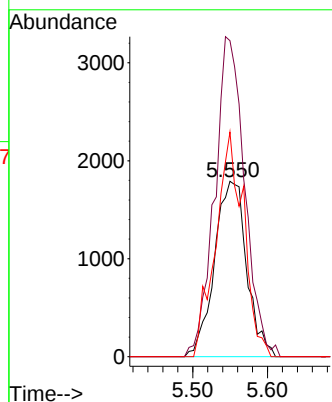
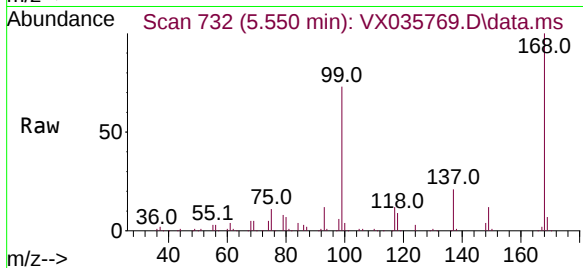




#31
Cyclohexane
Concen: 1.365 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

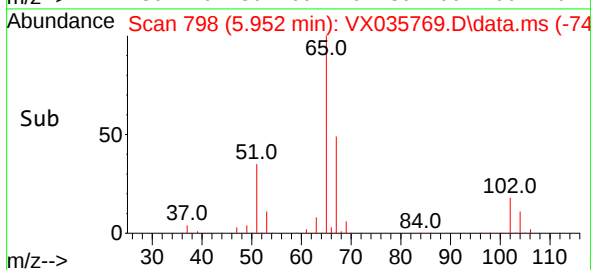
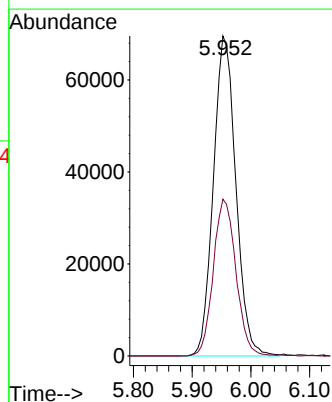
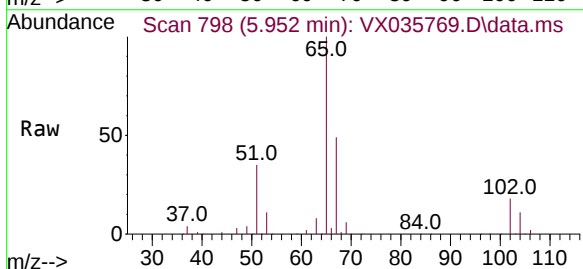
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

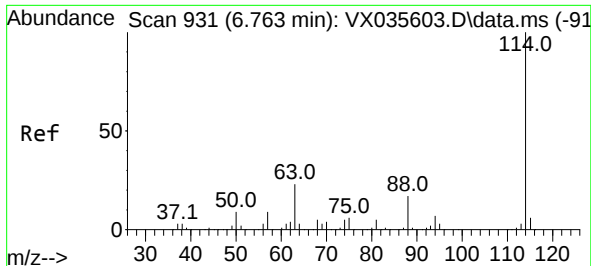
Tgt Ion: 56 Resp: 5371
Ion Ratio Lower Upper
56 100
69 180.2 23.7 35.5#
84 128.1 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 59.376 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 65 Resp: 184983
Ion Ratio Lower Upper
65 100
67 49.4 0.0 104.0

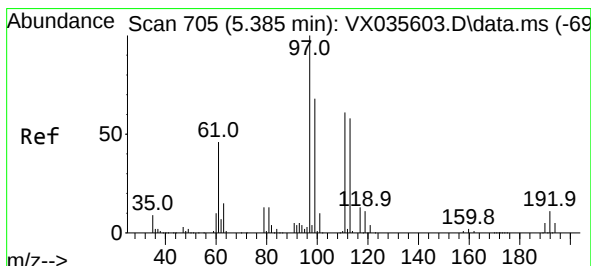
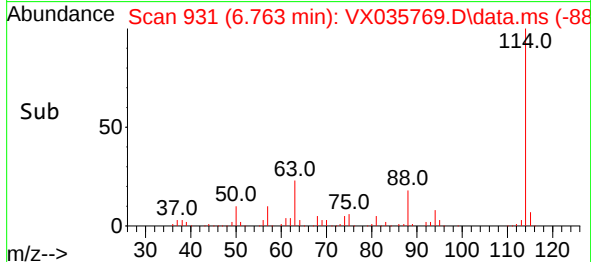
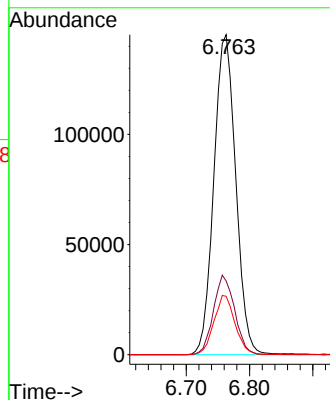
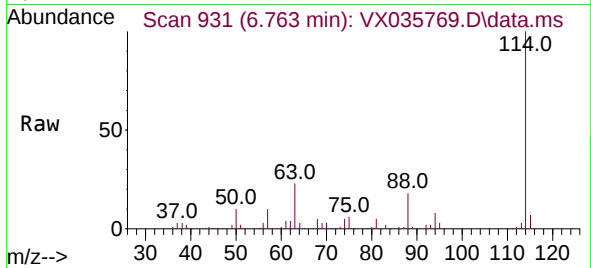




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

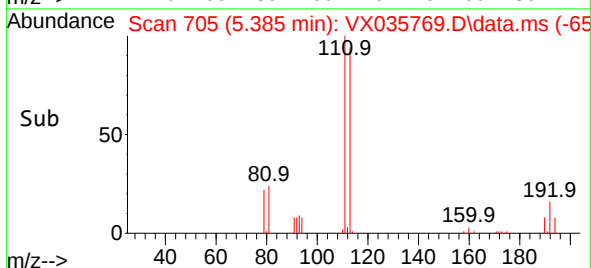
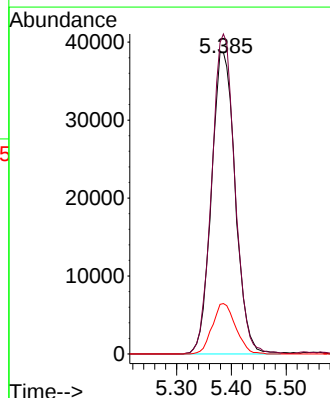
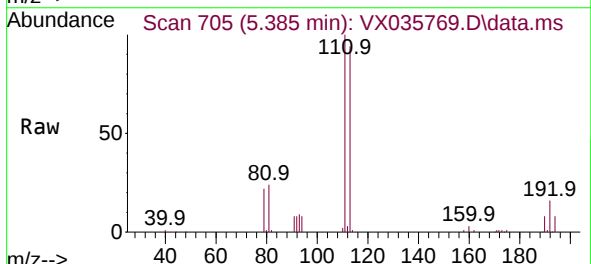
Instrument :
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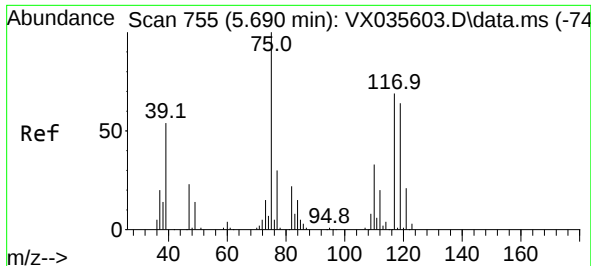
Tgt Ion:114 Resp: 348232
Ion Ratio Lower Upper
114 100
63 23.1 0.0 42.2
88 18.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion:113 Resp: 116493
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 16.4 15.4 23.2

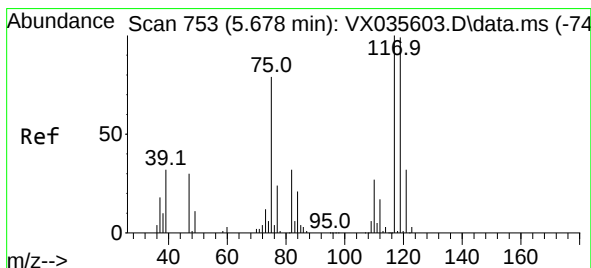
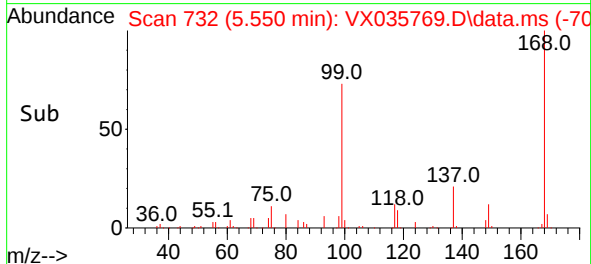
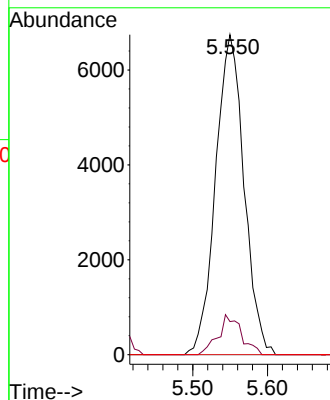
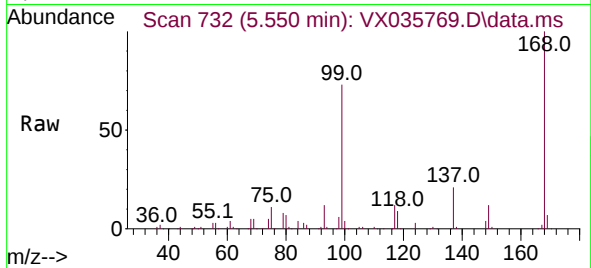




#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

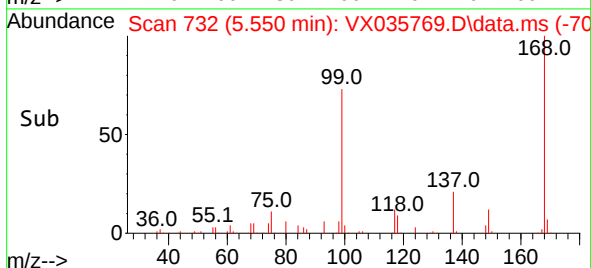
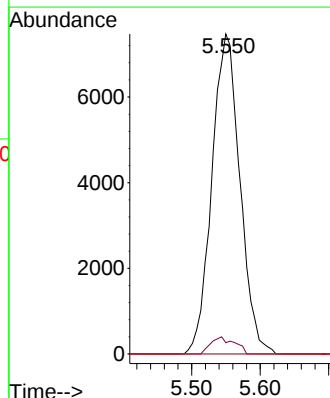
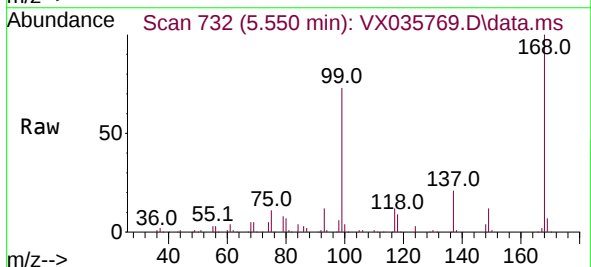
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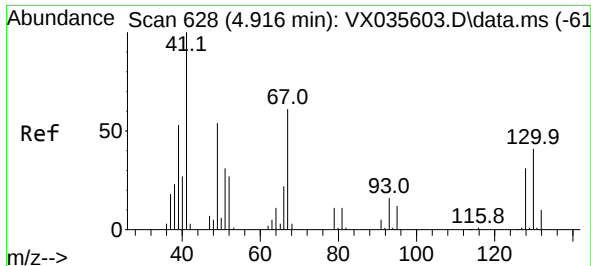
Tgt Ion: 75 Resp: 17856
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 117 Resp: 21221
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 23.8 35.6#

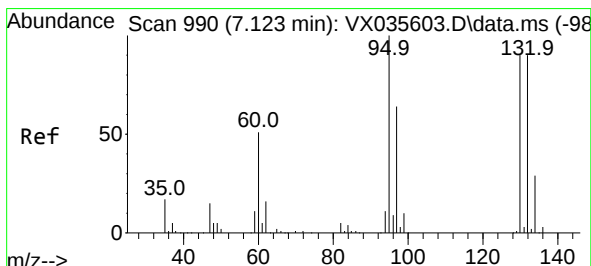
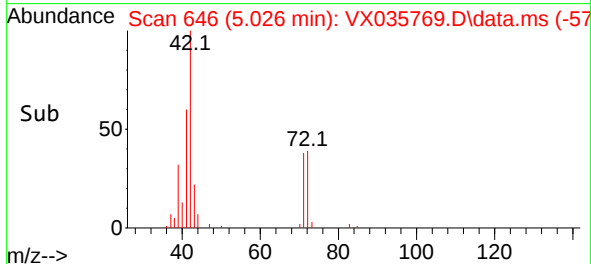
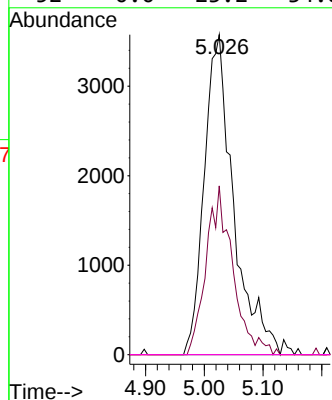
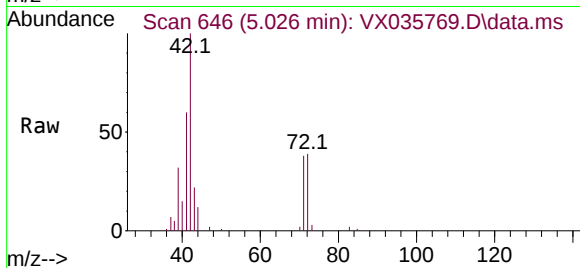




#41
Methacrylonitrile
Concen: 5.384 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.110 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

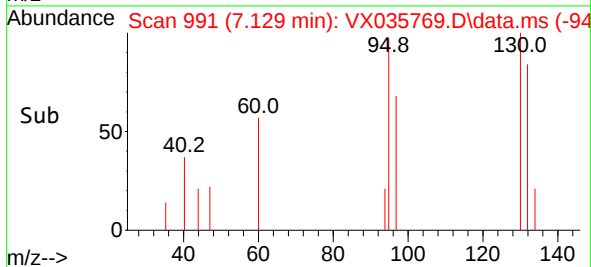
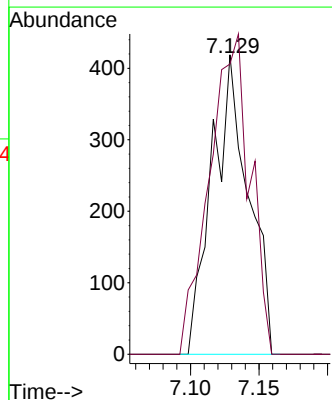
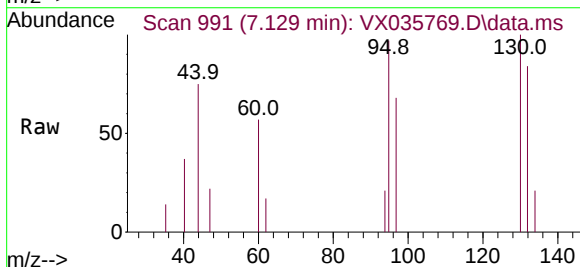
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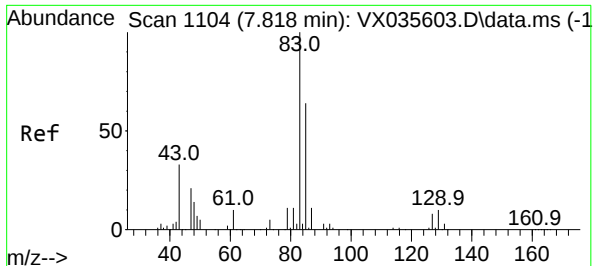
Tgt Ion: 41	Resp: 12359
Ion Ratio	Lower Upper
41 100	
39 47.9	45.0 67.6
67 0.0	55.6 83.4#
52 0.0	23.2 34.8#



#44
Trichloroethene
Concen: 0.295 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 130	Resp: 776
Ion Ratio	Lower Upper
130 100	
95 96.9	0.0 198.4

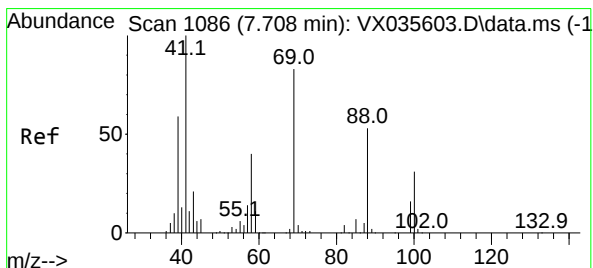
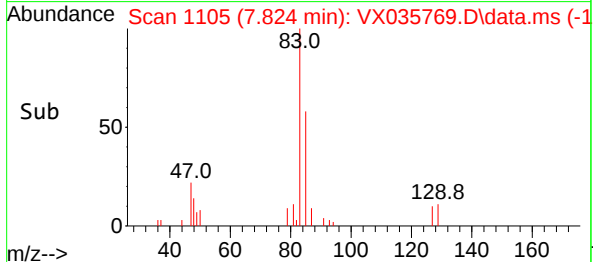
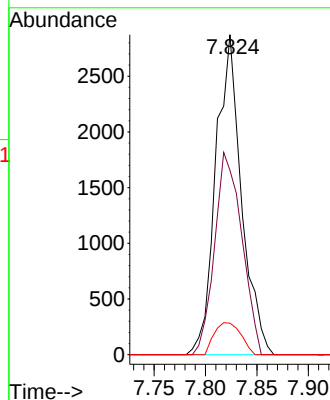
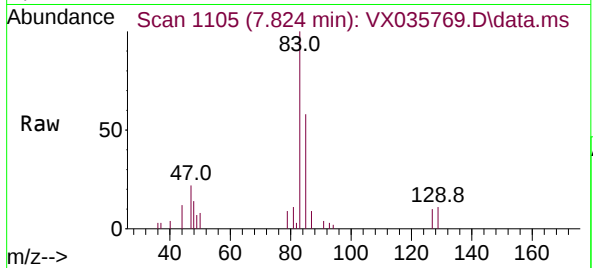




#47
Bromodichloromethane
Concen: 1.375 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

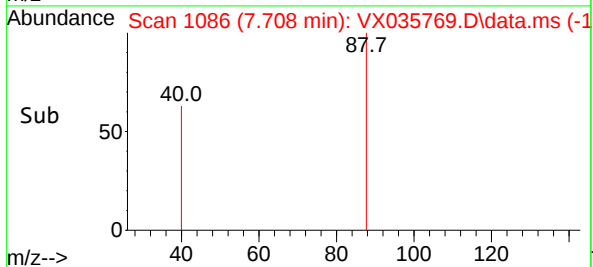
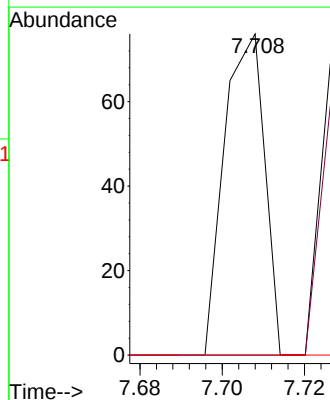
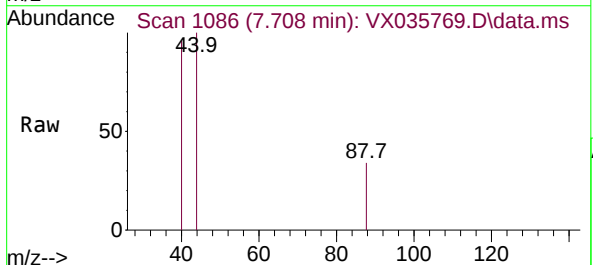
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

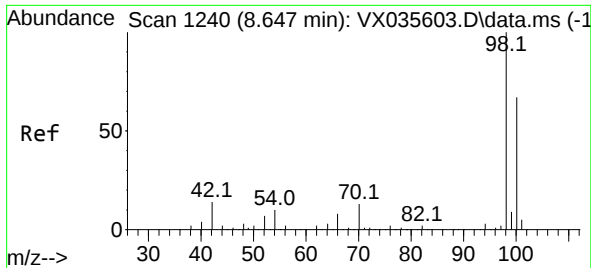
Tgt Ion: 83	Resp:	4995
Ion Ratio	Lower	Upper
83	100	
85	57.6	52.2 78.4
127	9.9	6.6 9.8



#49
1,4-Dioxane
Concen: 2.705 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 88	Resp:	52
Ion Ratio	Lower	Upper
88	100	
43	0.0	27.7 41.5
58	0.0	56.8 85.2

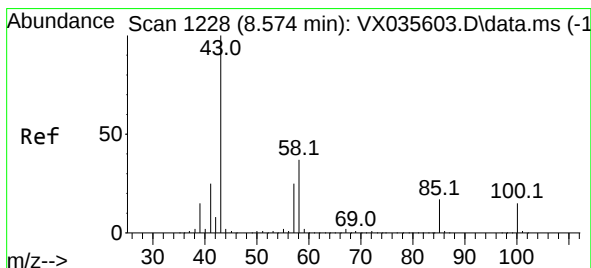
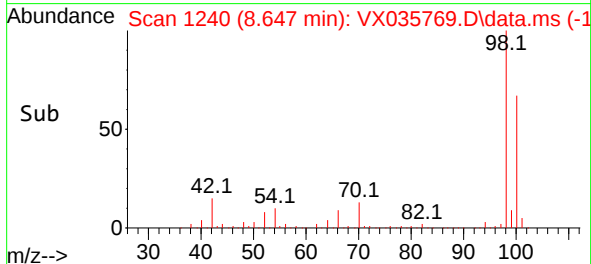
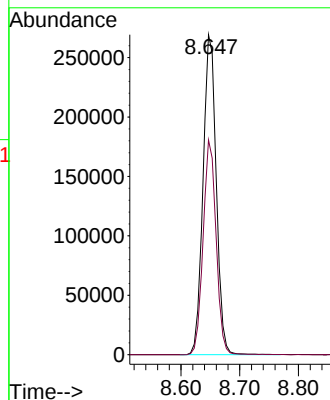
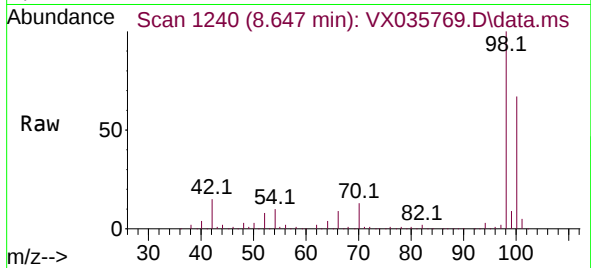




#50
Toluene-d8
Concen: 48.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

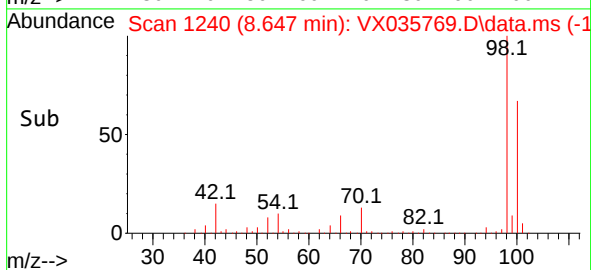
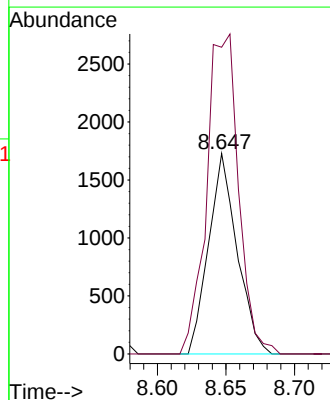
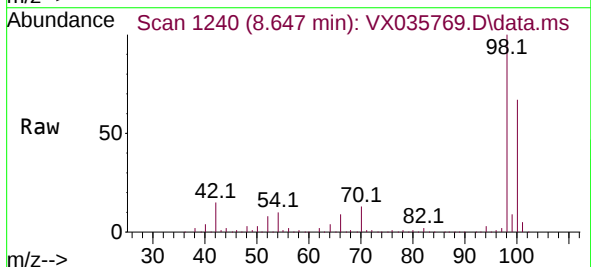
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-09-05122023

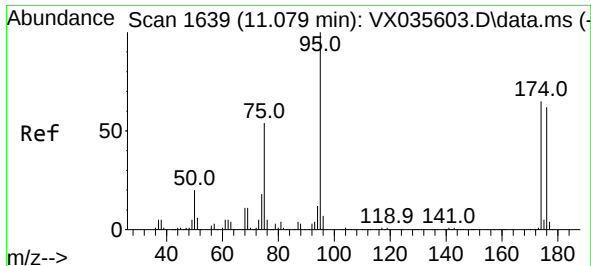
Tgt Ion: 98 Resp: 420561
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.645 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035769.D
Acq: 19 May 2023 18:37

Tgt Ion: 43 Resp: 2505
Ion Ratio Lower Upper
43 100
58 178.7 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 46.161 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035769.D

Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023

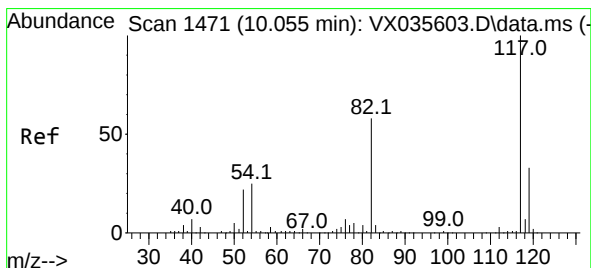
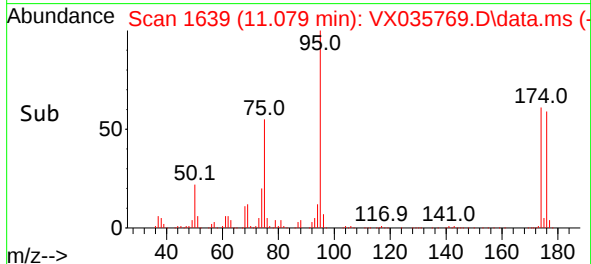
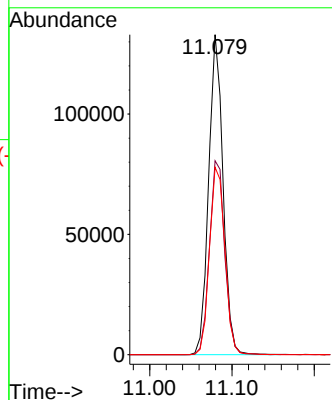
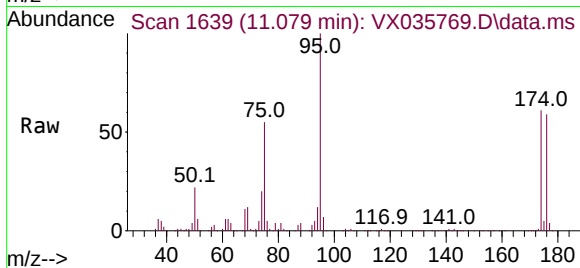
Tgt Ion: 95 Resp: 161251

Ion Ratio Lower Upper

95 100

174 64.6 0.0 147.4

176 63.0 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: VX035769.D

Acq: 19 May 2023 18:37

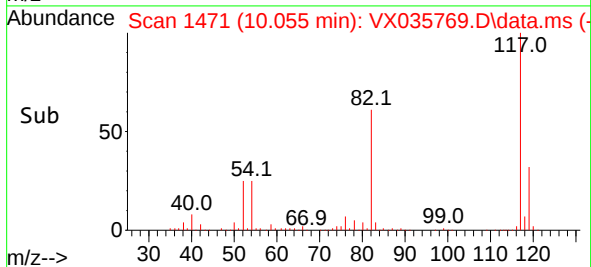
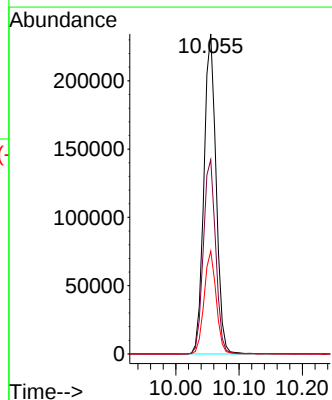
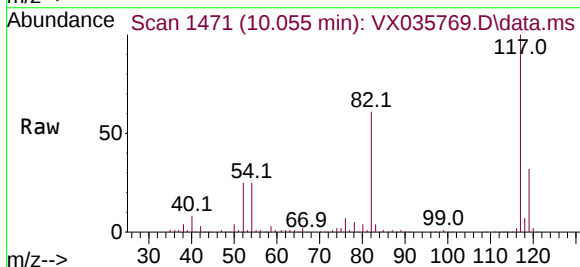
Tgt Ion: 117 Resp: 314850

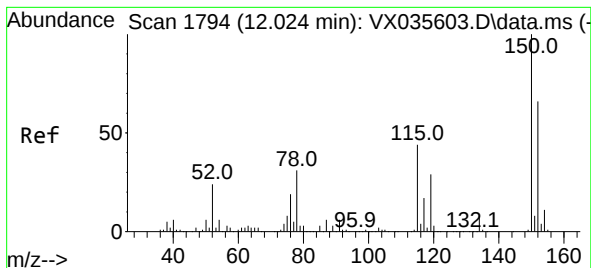
Ion Ratio Lower Upper

117 100

82 60.7 45.0 67.4

119 32.1 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035769.D

Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023

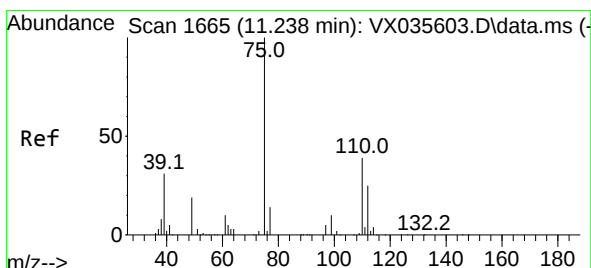
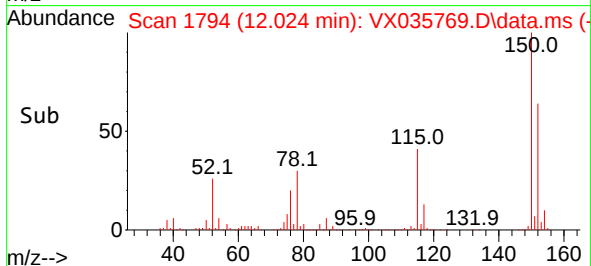
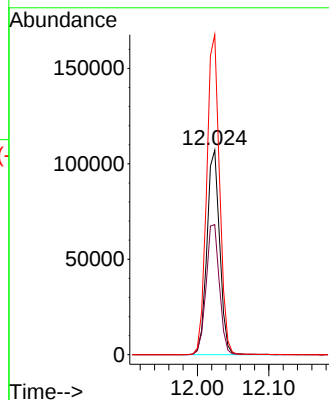
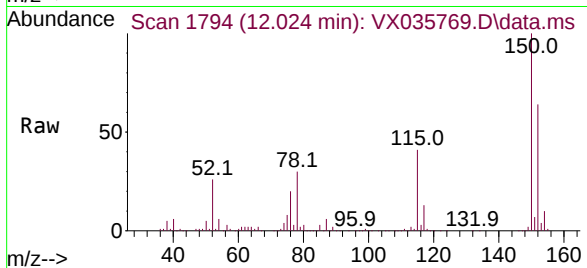
Tgt Ion:152 Resp: 132953

Ion Ratio Lower Upper

152 100

115 66.1 45.0 135.0

150 158.0 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.793 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035769.D

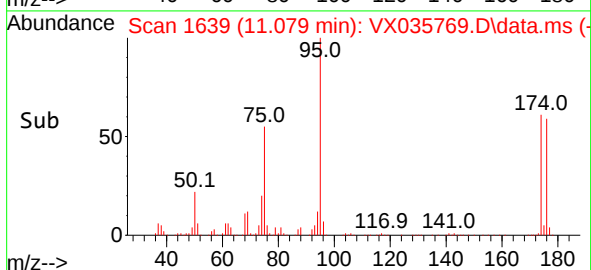
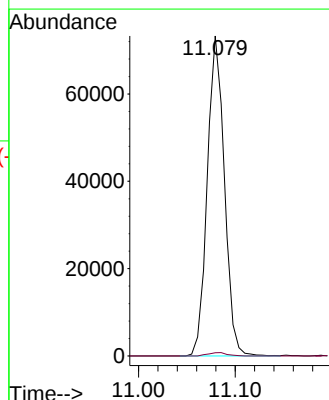
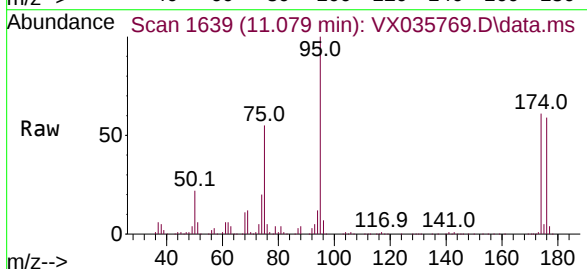
Acq: 19 May 2023 18:37

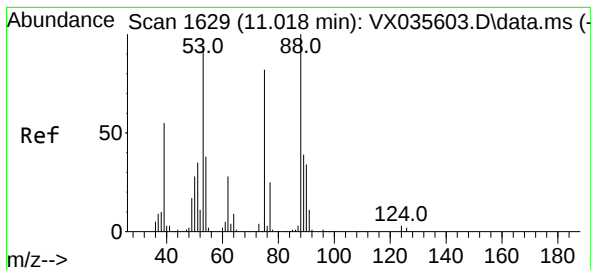
Tgt Ion: 75 Resp: 90384

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 89.572 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035769.D

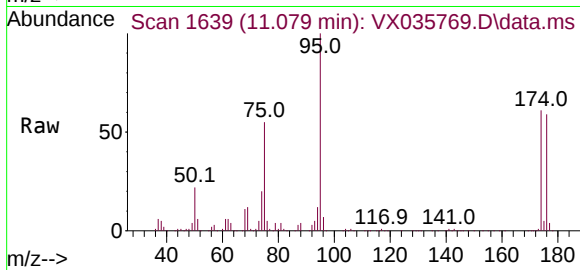
Acq: 19 May 2023 18:37

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-09-05122023



Tgt Ion: 75 Resp: 90384

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

