

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035673.D
 Acq On : 15 May 2023 18:19
 Operator : JC/MD
 Sample : 02751-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-07-05092023

Quant Time: May 16 05:03:12 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)

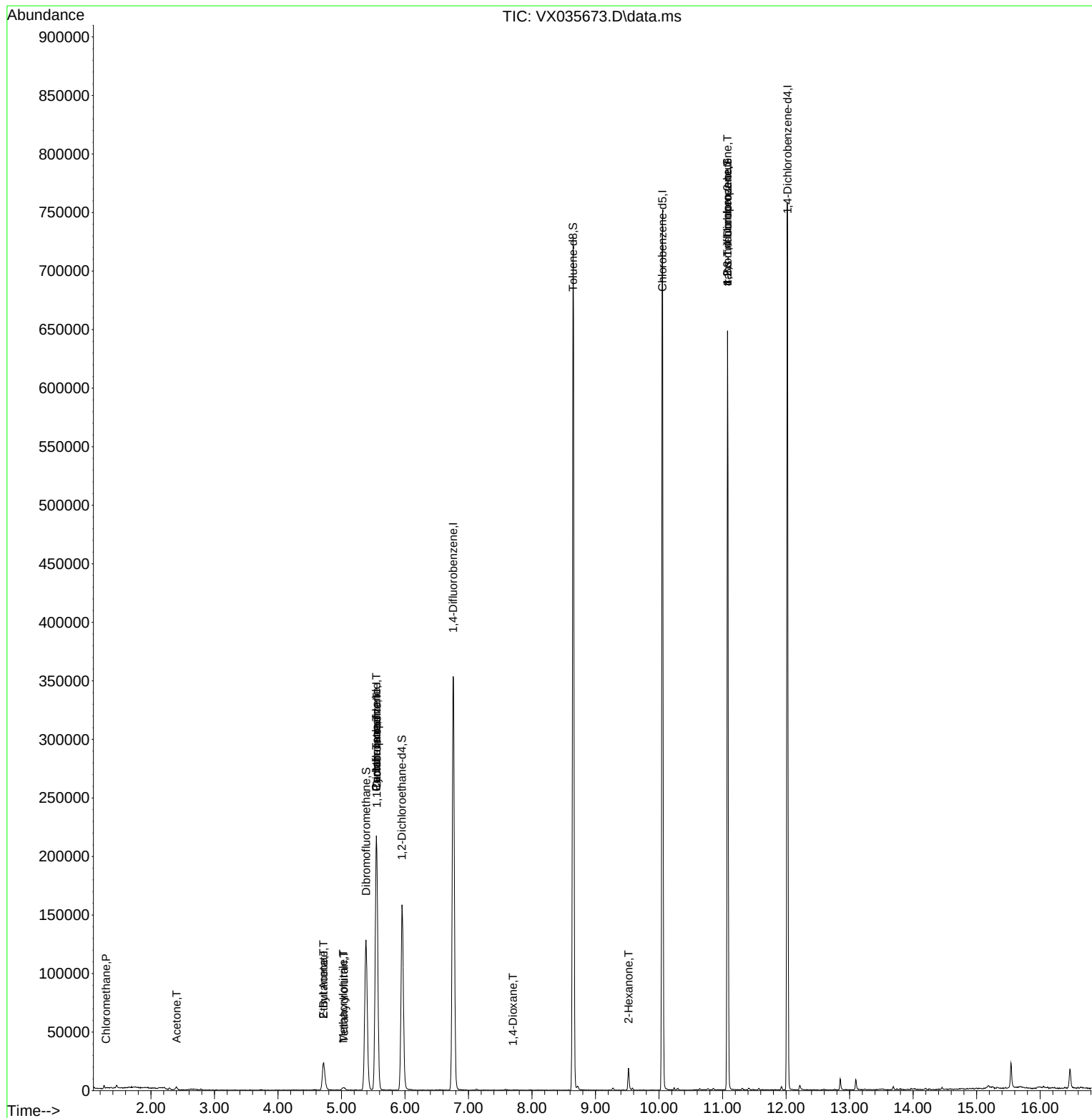
Internal Standards						
1) Pentafluorobenzene	5.550	168	185738	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	337429	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	154209	47.591	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.180%
35) Dibromofluoromethane	5.385	113	109493	48.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.240%
50) Toluene-d8	8.647	98	409494	48.711	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.420%
62) 4-Bromofluorobenzene	11.079	95	168010	49.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	601	0.205	ug/l	# 88
16) Acetone	2.404	43	3386	2.431	ug/l	98
25) 2-Butanone	4.715	43	44351	23.005	ug/l	# 51
29) Tetrahydrofuran	5.038	42	2380	1.964	ug/l	# 86
31) Cyclohexane	5.550	56	4605	1.125	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	17503	4.873	ug/l	# 50
37) Ethyl Acetate	4.715	43	44381	11.846	ug/l	99
38) Carbon Tetrachloride	5.550	117	21423	6.296	ug/l	# 16
41) Methacrylonitrile	5.026	41	1276	0.574	ug/l	# 51
49) 1,4-Dioxane	7.702	88	24	2.337	ug/l	# 57
59) 2-Hexanone	9.519	43	2922	1.031	ug/l	# 44
76) 1,2,3-Trichloropropane	11.079	75	91940	26.330	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	91940	84.857	ug/l	# 8

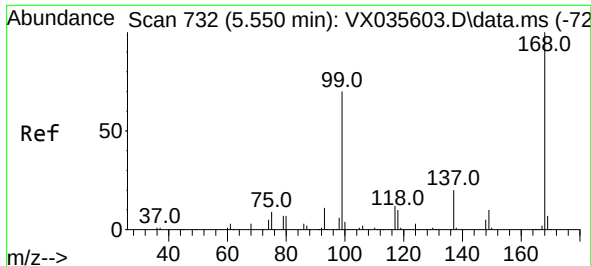
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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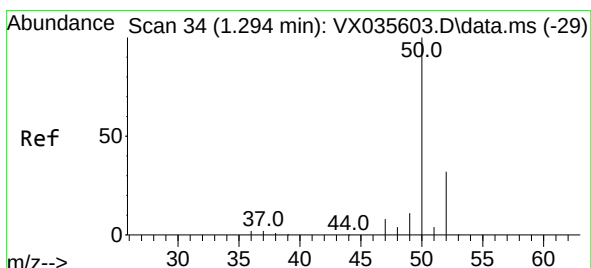
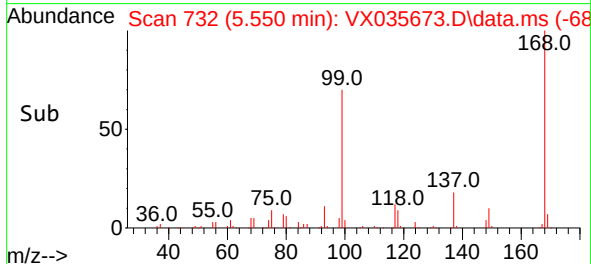
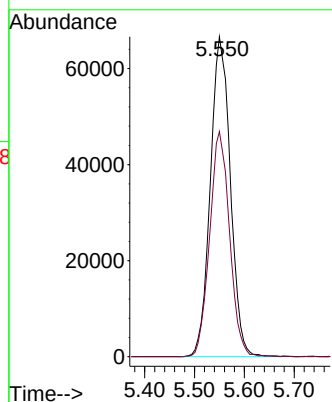
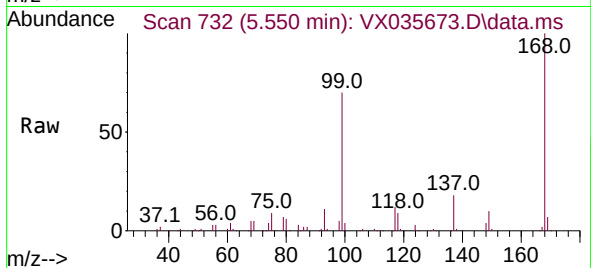




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

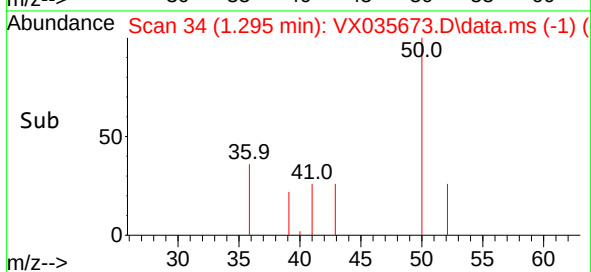
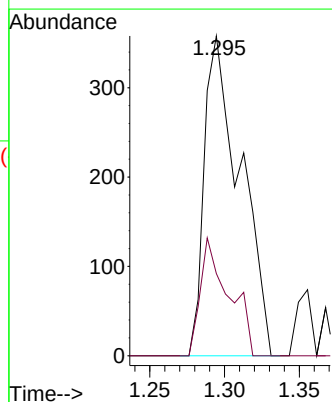
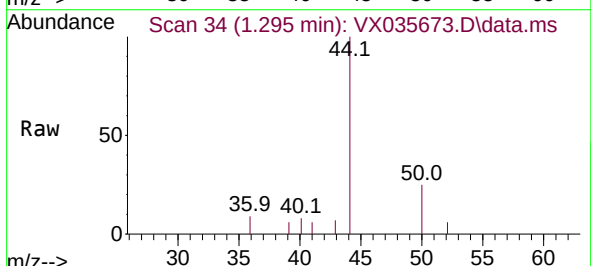
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-07-05092023

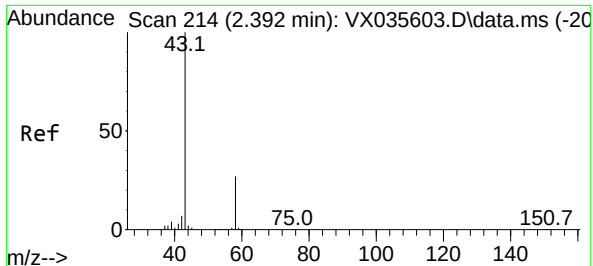
Tgt Ion:168 Resp: 185738
Ion Ratio Lower Upper
168 100
99 70.3 45.7 68.5#



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 25.7 25.9 38.9#

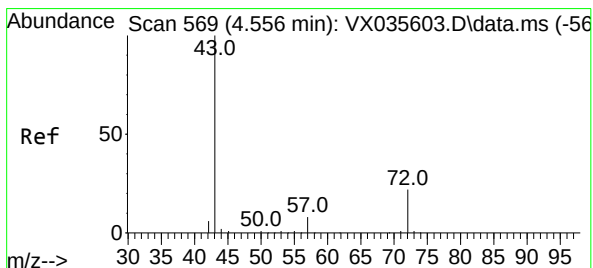
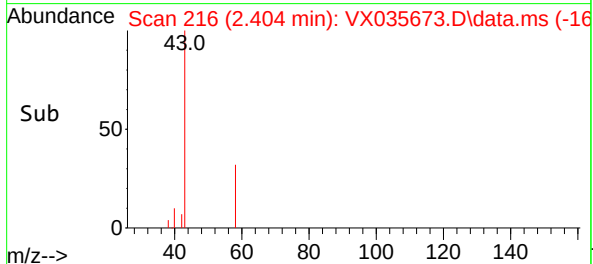
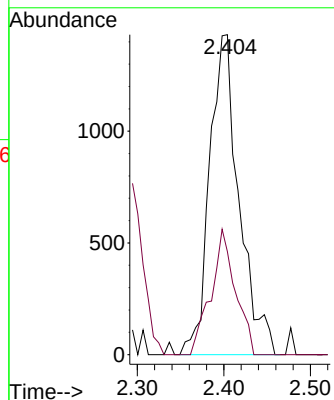
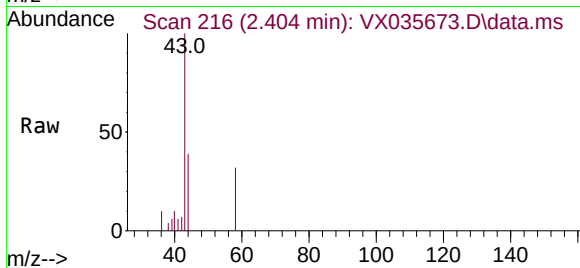




#16
Acetone
Concen: 2.431 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

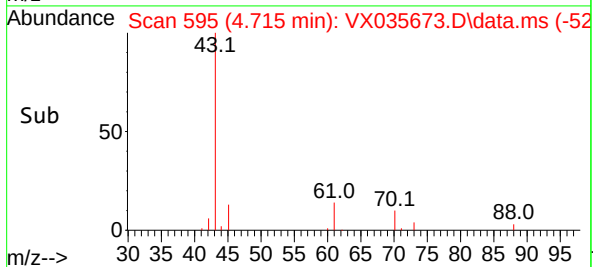
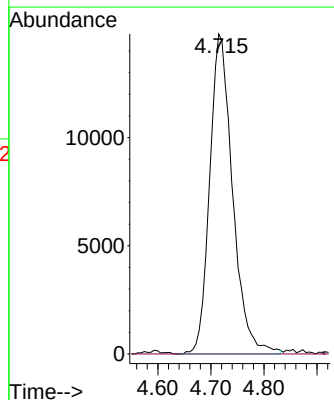
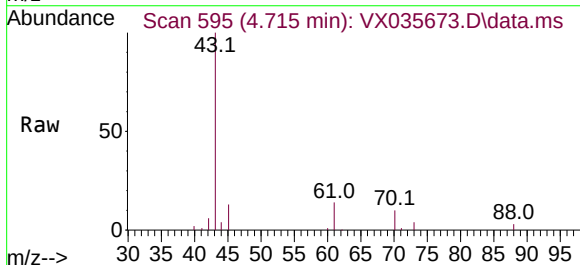
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-07-05092023

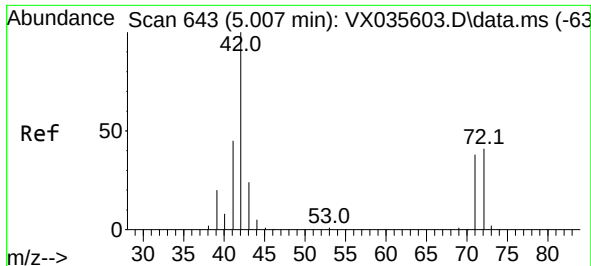
Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
43 100
58 32.2 24.7 37.1



#25
2-Butanone
Concen: 23.005 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.159 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion: 43 Resp: 44351
Ion Ratio Lower Upper
43 100
72 0.0 19.3 28.9#





#29

Tetrahydrofuran

Concen: 1.964 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.031 min

Lab File: VX035673.D

Acq: 15 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-07-05092023

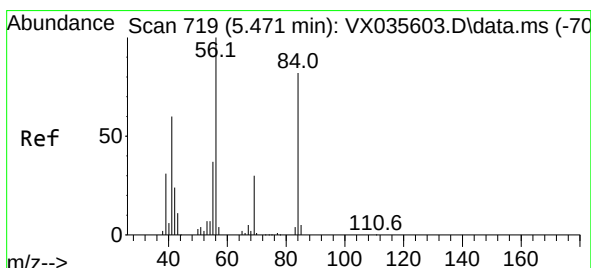
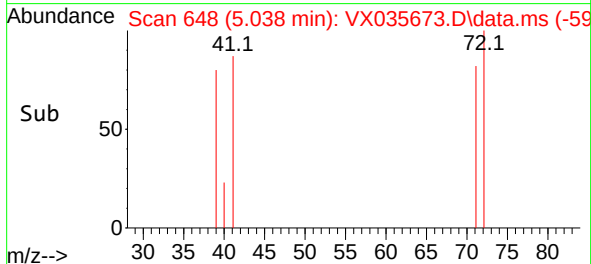
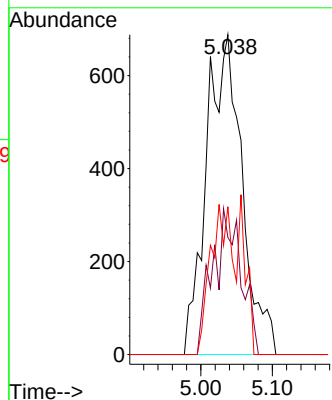
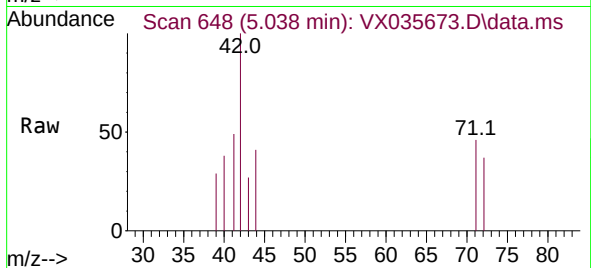
Tgt Ion: 42 Resp: 2380

Ion Ratio Lower Upper

42 100

72 36.4 34.5 51.7

71 28.9 32.1 48.1#



#31

Cyclohexane

Concen: 1.125 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX035673.D

Acq: 15 May 2023 18:19

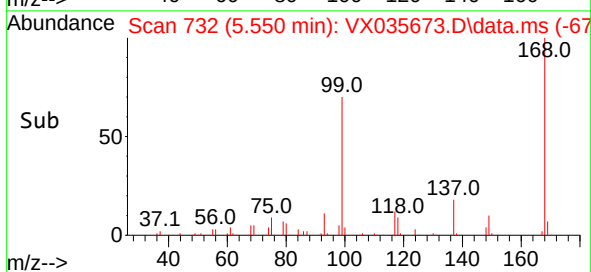
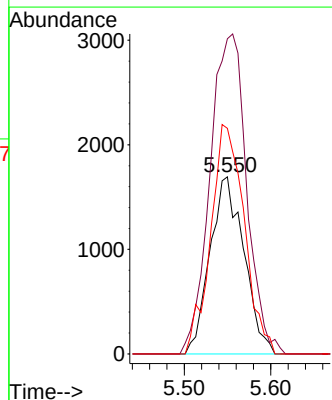
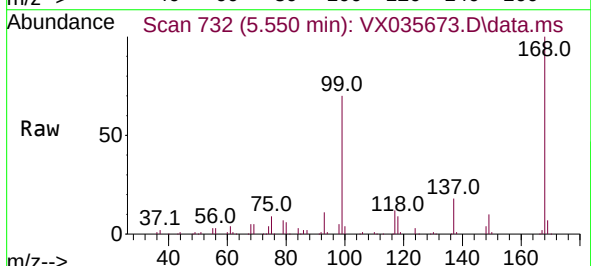
Tgt Ion: 56 Resp: 4605

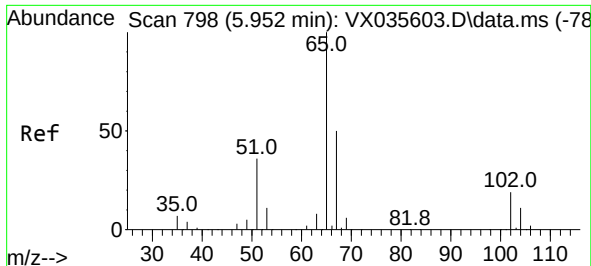
Ion Ratio Lower Upper

56 100

69 177.9 23.7 35.5#

84 127.4 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 47.591 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035673.D

Acq: 15 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

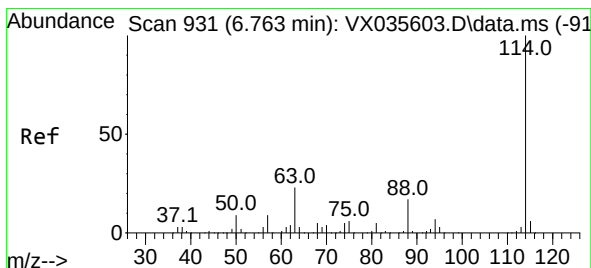
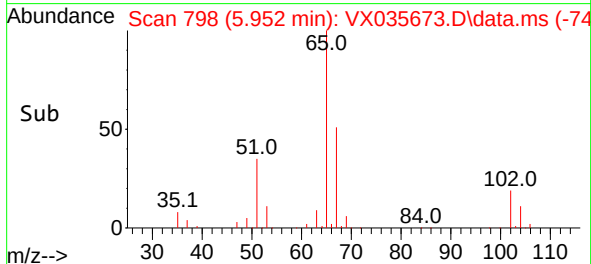
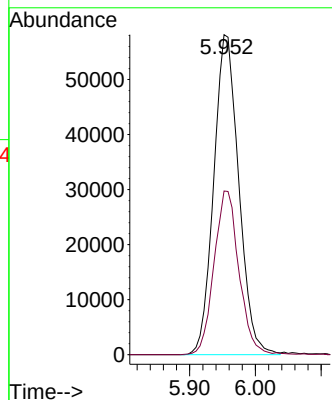
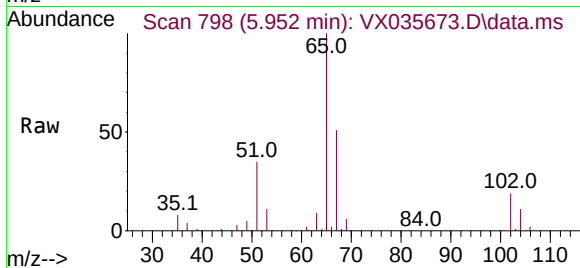
FSND-EQB-07-05092023

Tgt Ion: 65 Resp: 154209

Ion Ratio Lower Upper

65 100

67 50.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035673.D

Acq: 15 May 2023 18:19

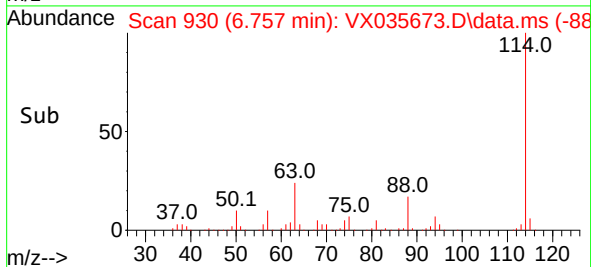
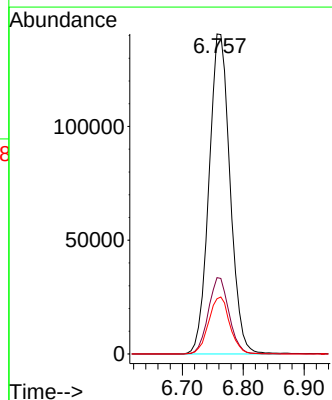
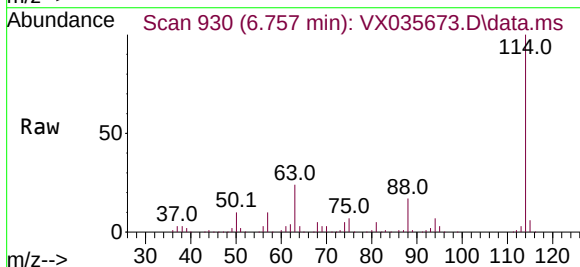
Tgt Ion: 114 Resp: 337429

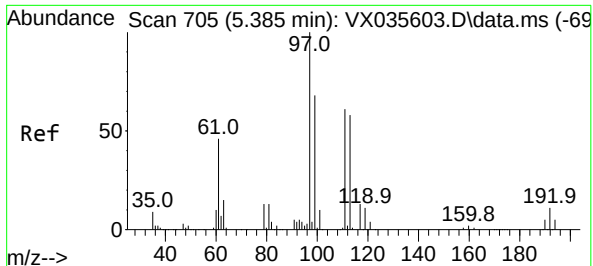
Ion Ratio Lower Upper

114 100

63 23.9 0.0 42.2

88 17.3 0.0 33.2

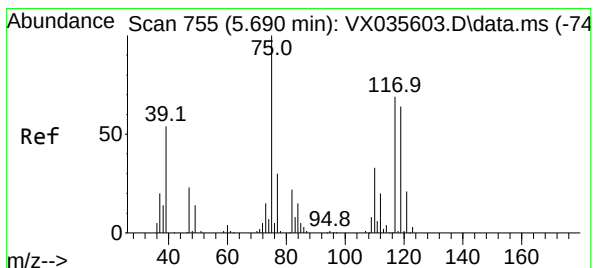
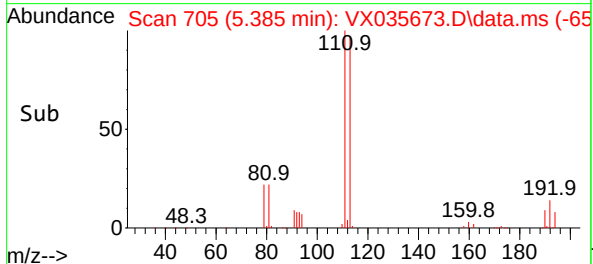
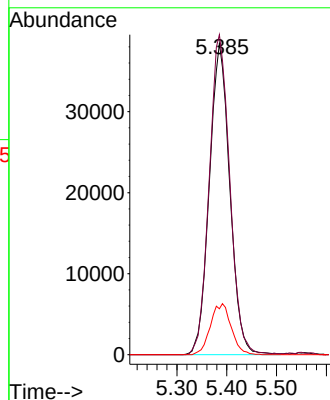
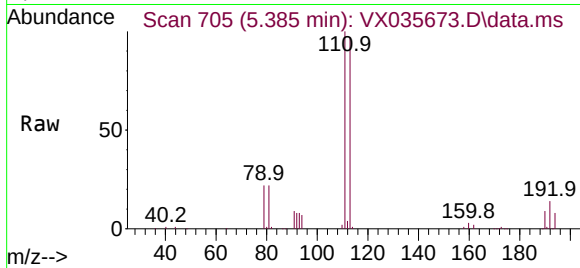




#35
Dibromofluoromethane
Concen: 48.116 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

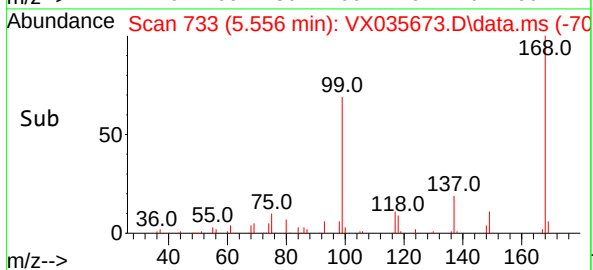
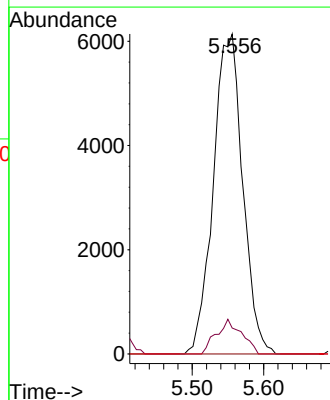
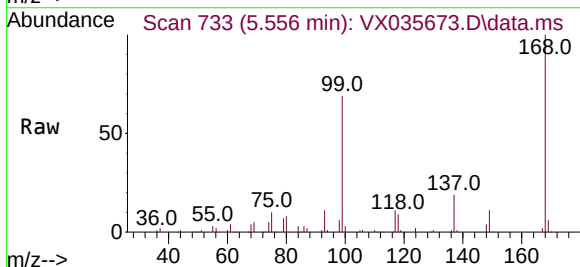
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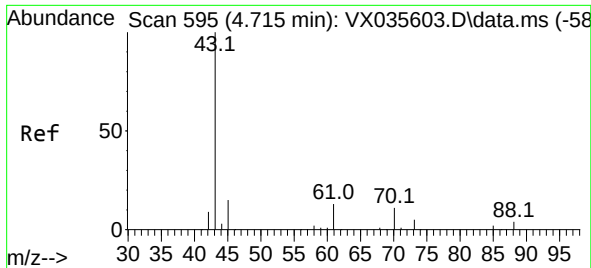
Tgt Ion:113 Resp: 109493
Ion Ratio Lower Upper
113 100
111 103.4 83.7 125.5
192 16.7 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.873 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion: 75 Resp: 17503
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.3 36.5#

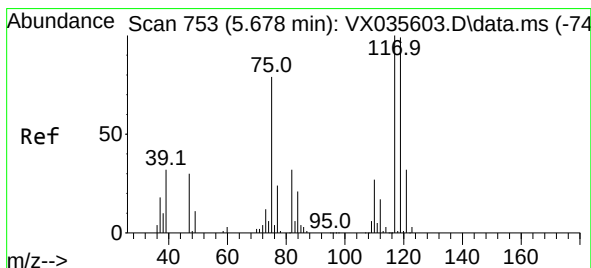
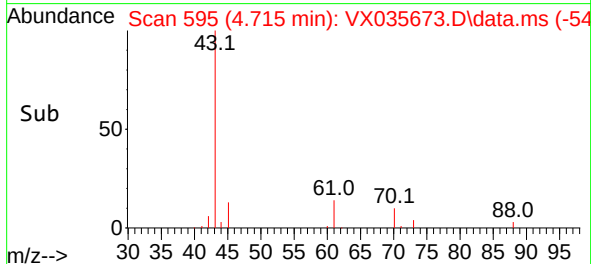
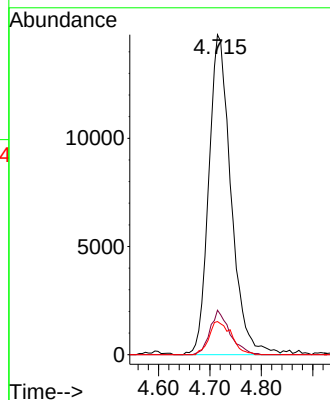
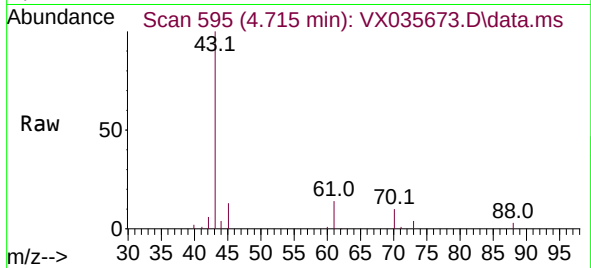




#37
Ethyl Acetate
Concen: 11.846 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

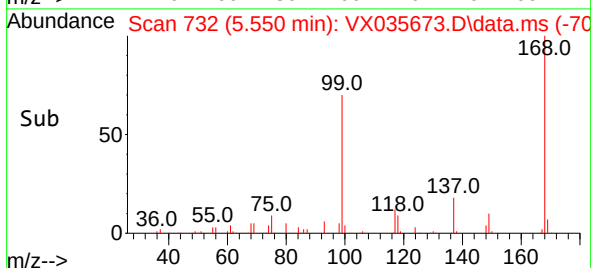
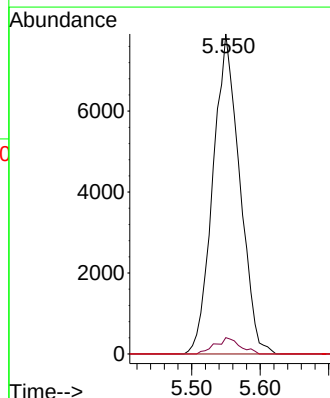
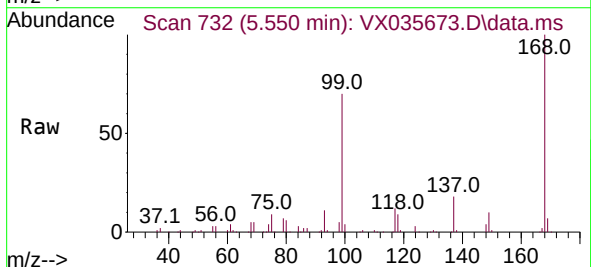
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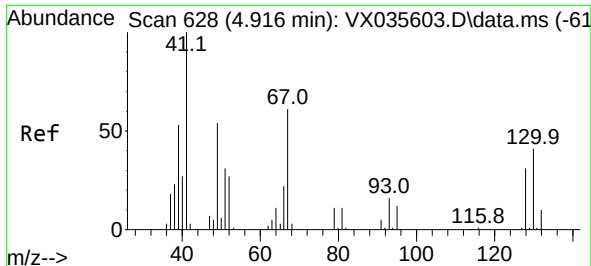
Tgt Ion:	43	Resp:	44381
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.2	15.4
70	10.4	8.2	12.4



#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion:	117	Resp:	21423
Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.6	114.8#
121	0.0	23.8	35.6#

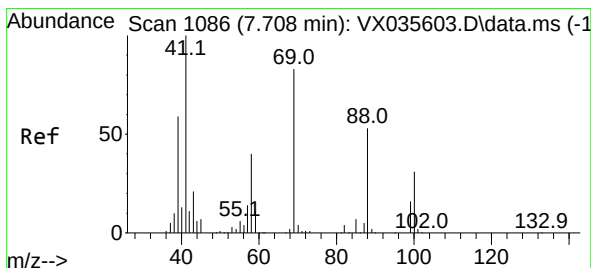
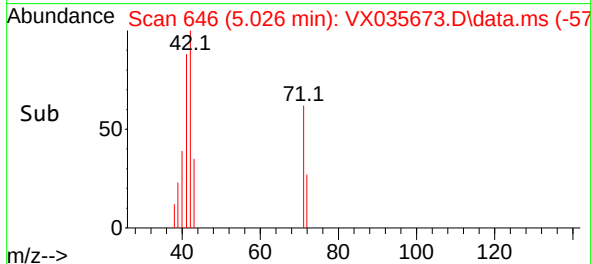
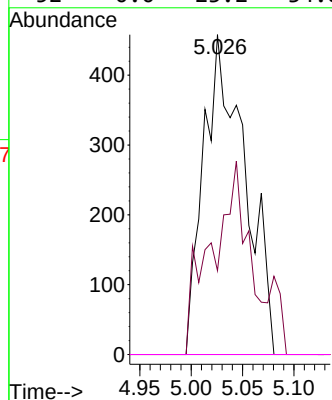
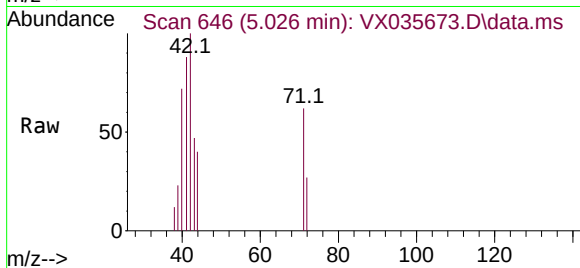




#41
Methacrylonitrile
Concen: 0.574 ug/l
RT: 5.026 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

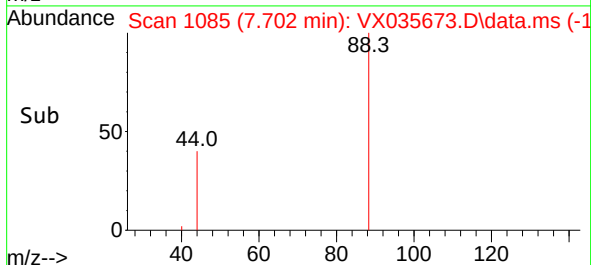
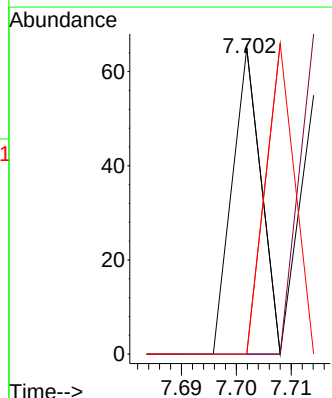
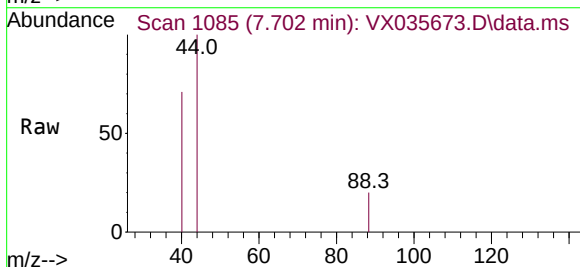
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-07-05092023

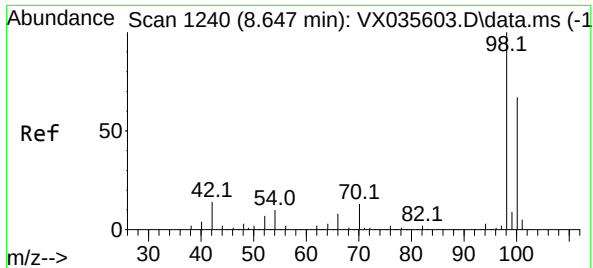
Tgt Ion: 41	Resp:	1276
Ion	Ratio	Lower Upper
41	100	
39	55.6	45.0 67.6
67	0.0	55.6 83.4#
52	0.0	23.2 34.8#



#49
1,4-Dioxane
Concen: 2.337 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.006 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion: 88	Resp:	24
Ion	Ratio	Lower Upper
88	100	
43	0.0	27.7 41.5#
58	100.0	56.8 85.2#

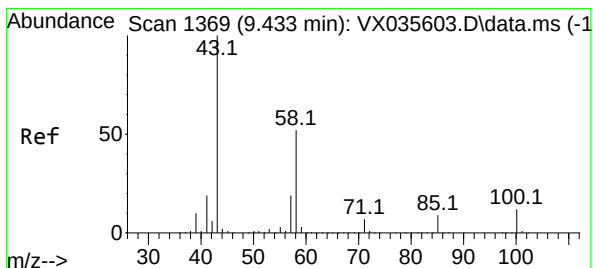
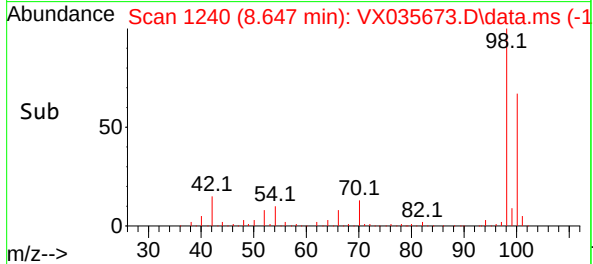
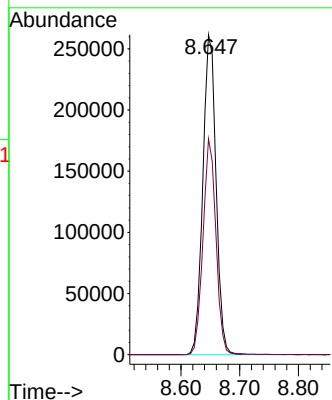
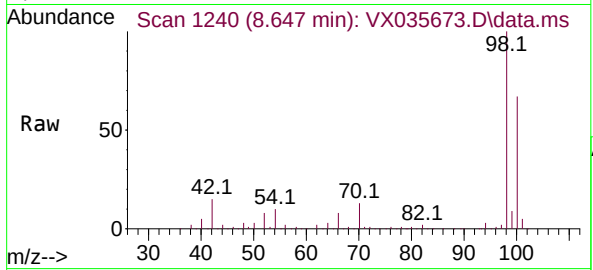




#50
Toluene-d8
Concen: 48.711 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

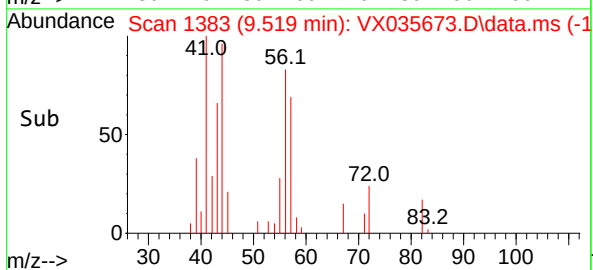
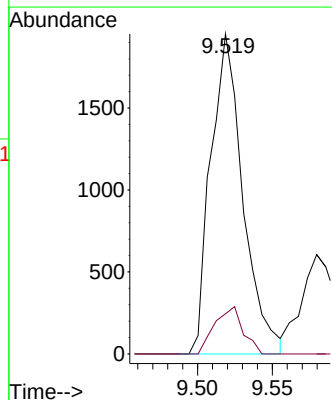
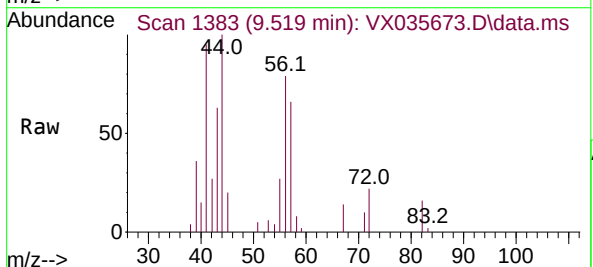
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-07-05092023

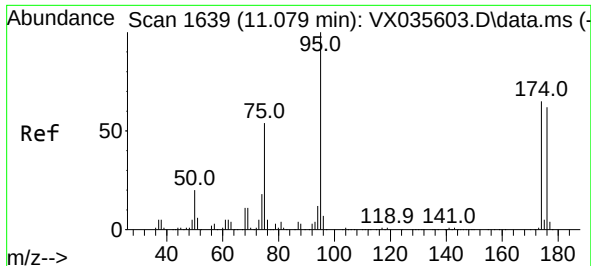
Tgt Ion: 98 Resp: 409494
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7



#59
2-Hexanone
Concen: 1.031 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX035673.D
Acq: 15 May 2023 18:19

Tgt Ion: 43 Resp: 2922
Ion Ratio Lower Upper
43 100
58 13.0 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035673.D

Acq: 15 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-07-05092023

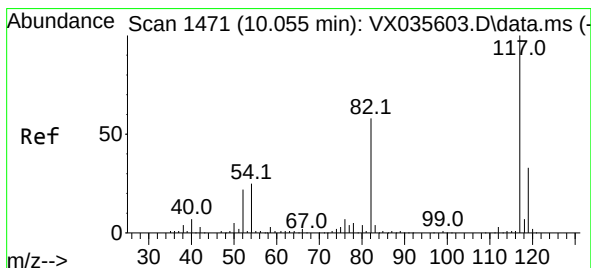
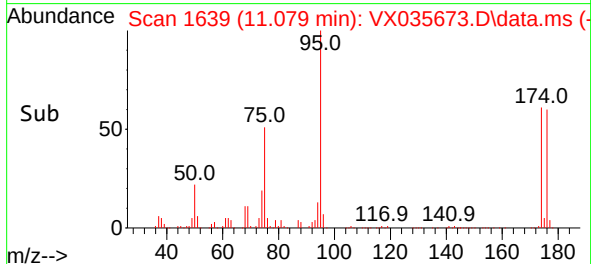
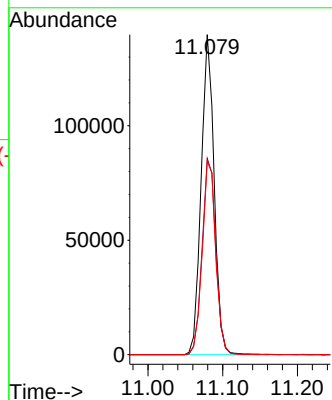
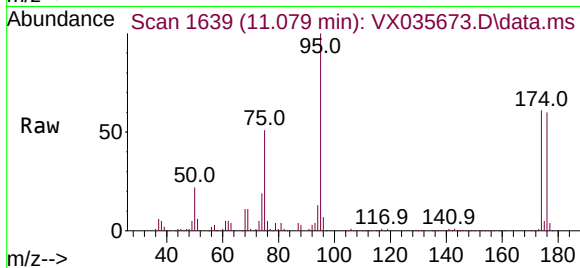
Tgt Ion: 95 Resp: 168010

Ion Ratio Lower Upper

95 100

174 64.7 0.0 147.4

176 62.9 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: VX035673.D

Acq: 15 May 2023 18:19

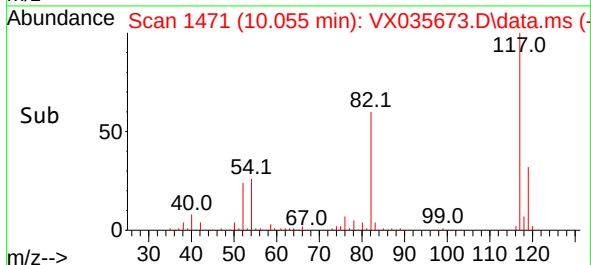
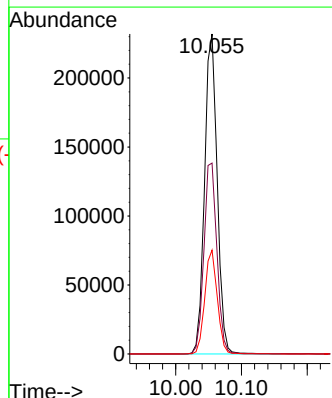
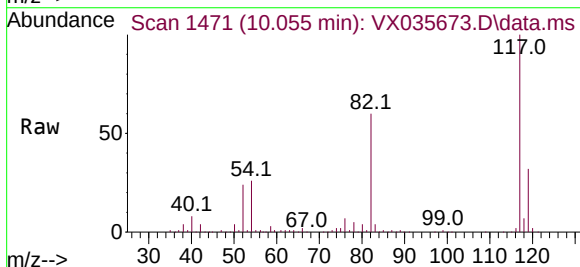
Tgt Ion: 117 Resp: 309840

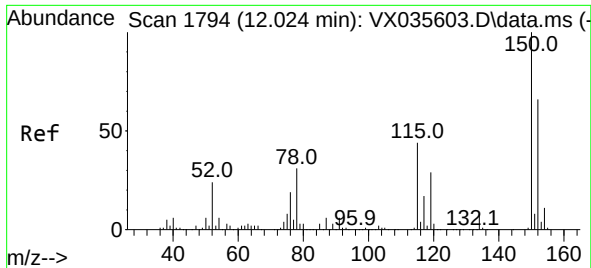
Ion Ratio Lower Upper

117 100

82 59.6 45.0 67.4

119 32.5 26.0 39.0

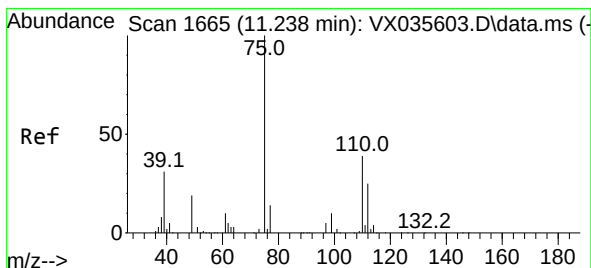
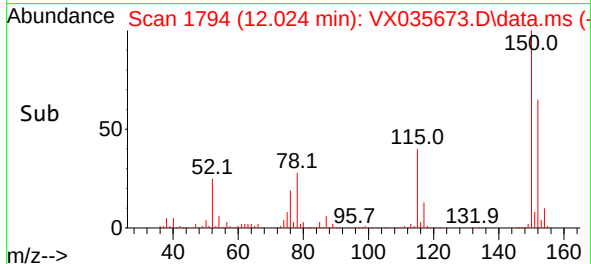
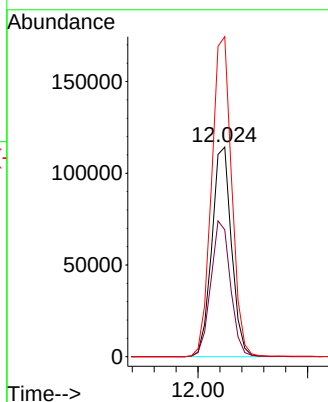
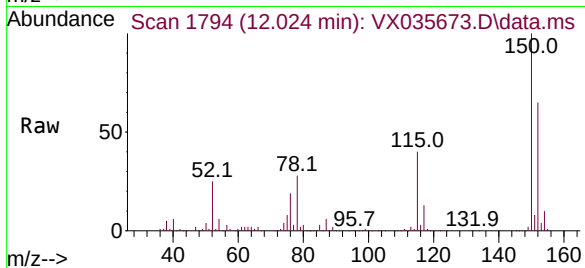




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX035673.D
 Acq: 15 May 2023 18:19

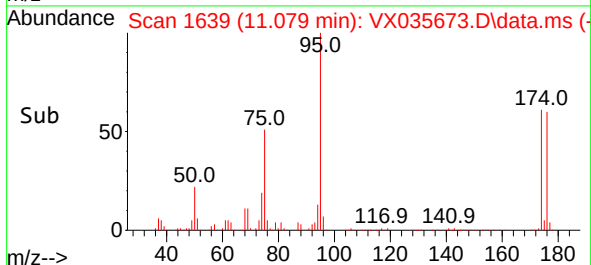
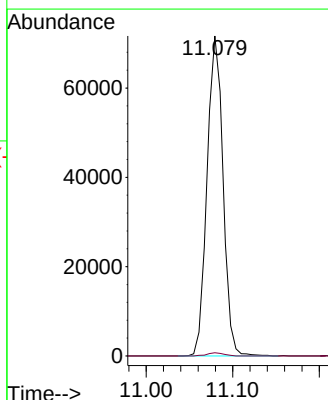
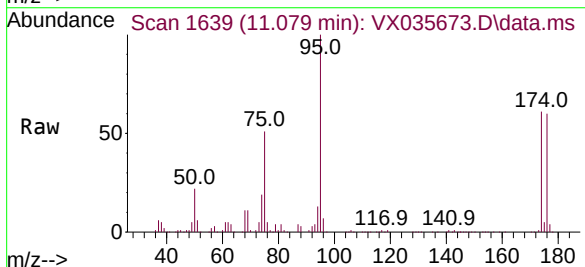
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-07-05092023

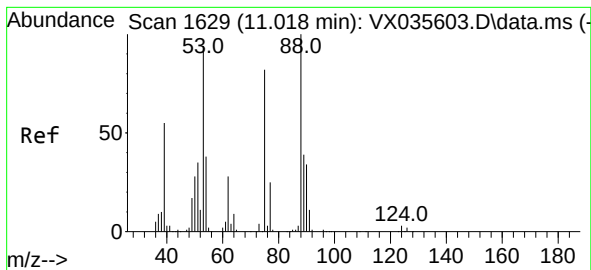
Tgt Ion:152 Resp: 142756
 Ion Ratio Lower Upper
 152 100
 115 64.6 45.0 135.0
 150 156.1 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.330 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035673.D
 Acq: 15 May 2023 18:19

Tgt Ion: 75 Resp: 91940
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81

trans-1,4-Dichloro-2-butene

Concen: 84.857 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX035673.D

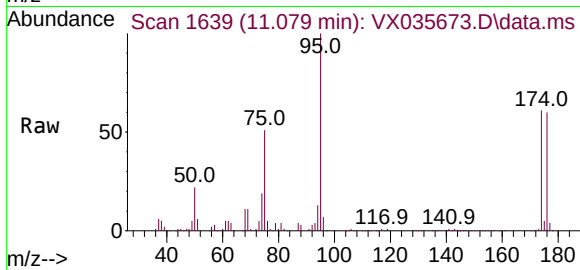
Acq: 15 May 2023 18:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-07-05092023



Tgt Ion: 75 Resp: 91940

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

