

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051523\
 Data File : VX035672.D
 Acq On : 15 May 2023 17:55
 Operator : JC/MD
 Sample : 02751-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-06-05082023

Quant Time: May 16 05:02:48 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)

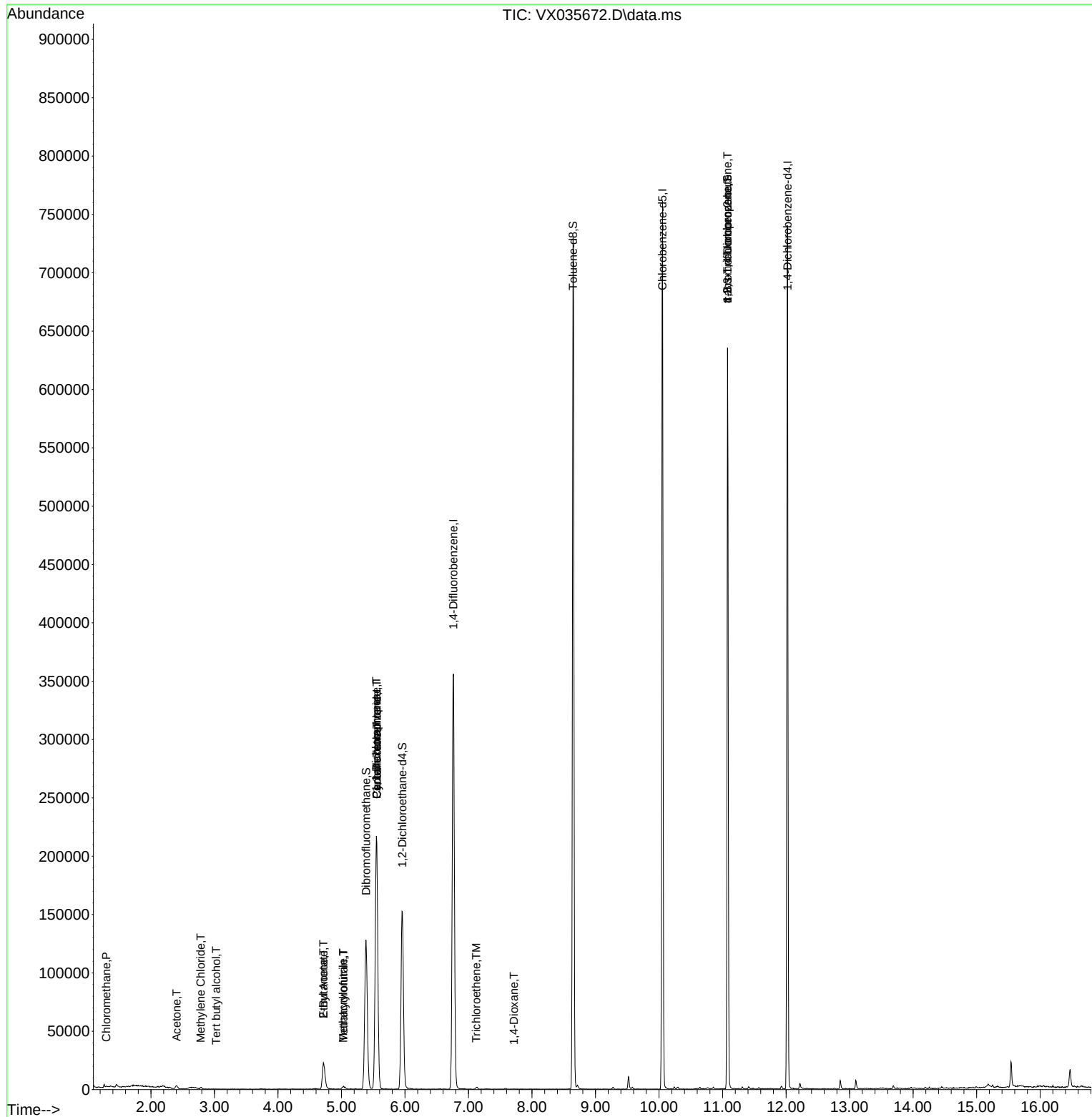
Internal Standards						
1) Pentafluorobenzene	5.556	168	186220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	341497	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156676	48.228	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.460%
35) Dibromofluoromethane	5.385	113	111685	48.494	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.980%
50) Toluene-d8	8.646	98	411875	48.410	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	167222	48.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	698	0.237	ug/l	89
11) Tert butyl alcohol	3.026	59	142	0.248	ug/l #	73
16) Acetone	2.404	43	4279	3.065	ug/l	93
20) Methylene Chloride	2.782	84	524	0.207	ug/l #	77
25) 2-Butanone	4.714	43	42649	22.065	ug/l #	51
29) Tetrahydrofuran	5.031	42	2263	1.863	ug/l #	65
31) Cyclohexane	5.556	56	5188	1.264	ug/l #	11
36) 1,1-Dichloropropene	5.549	75	17851	4.911	ug/l #	51
37) Ethyl Acetate	4.714	43	42903	11.315	ug/l	99
38) Carbon Tetrachloride	5.556	117	21709	6.304	ug/l #	15
41) Methacrylonitrile	5.025	41	1406	0.625	ug/l #	42
44) Trichloroethene	7.122	130	684	0.265	ug/l	52
49) 1,4-Dioxane	7.714	88	61	2.843	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	91561	26.705	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91561	86.065	ug/l #	8

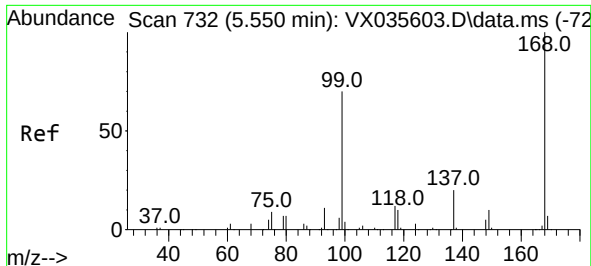
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

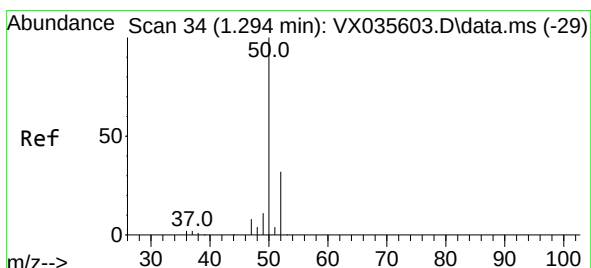
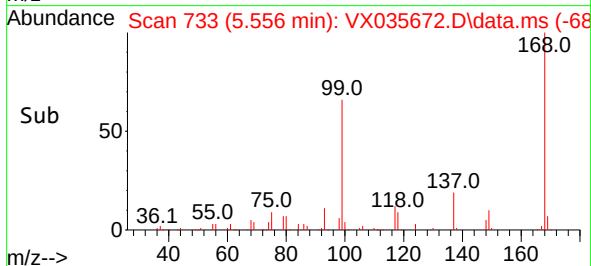
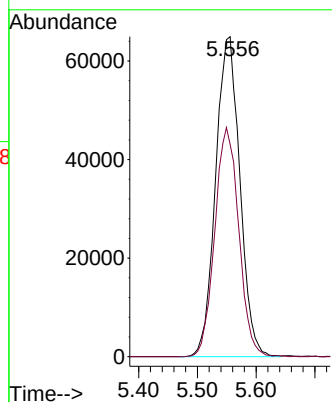
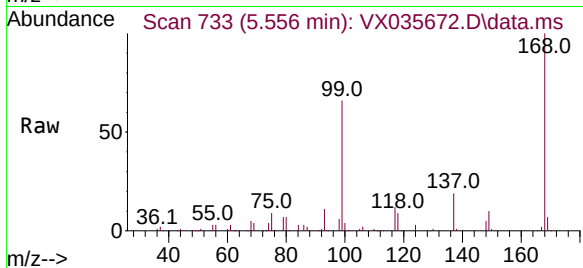
FSND-EQB-06-05082023

Tgt Ion:168 Resp: 186220

Ion Ratio Lower Upper

168 100

99 66.3 45.7 68.5



#3

Chloromethane

Concen: 0.237 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX035672.D

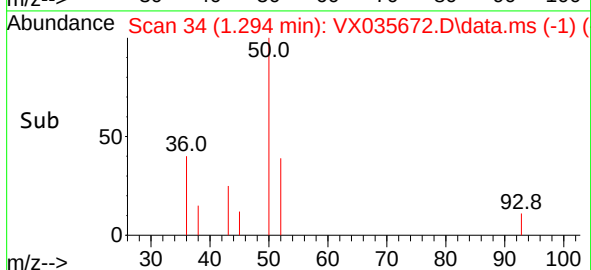
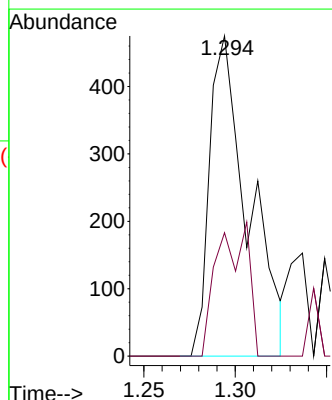
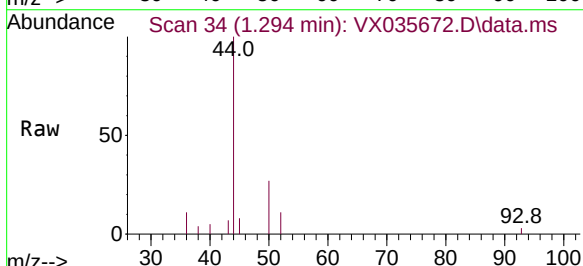
Acq: 15 May 2023 17:55

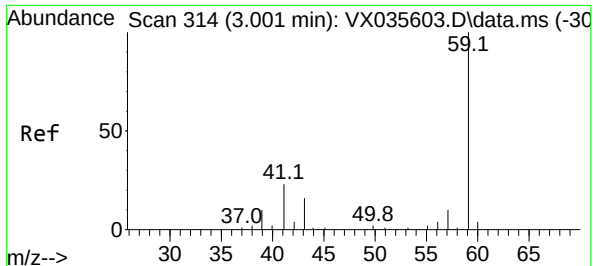
Tgt Ion: 50 Resp: 698

Ion Ratio Lower Upper

50 100

52 38.5 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.248 ug/l

RT: 3.026 min Scan# 31

Delta R.T. 0.025 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

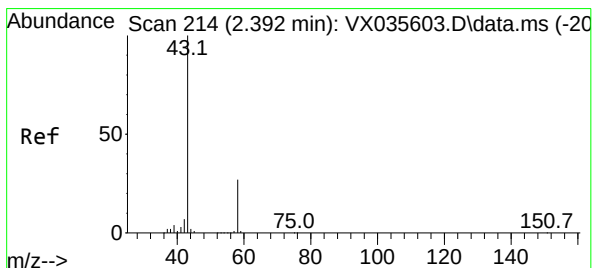
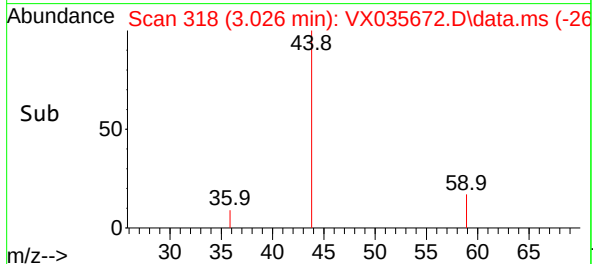
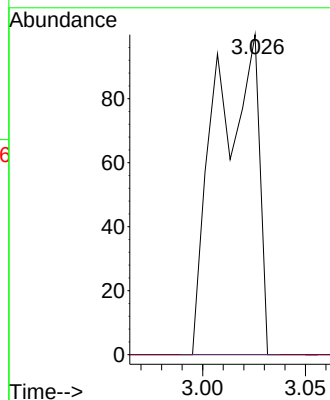
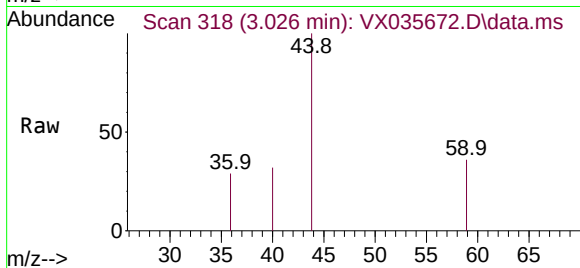
FSND-EQB-06-05082023

Tgt Ion: 59 Resp: 142

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.065 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.012 min

Lab File: VX035672.D

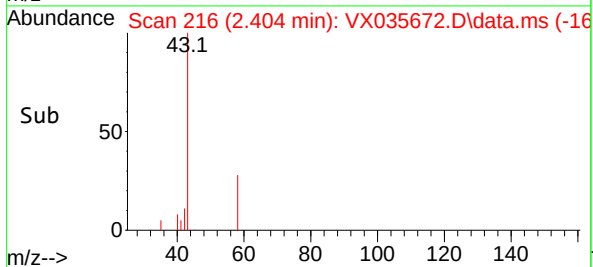
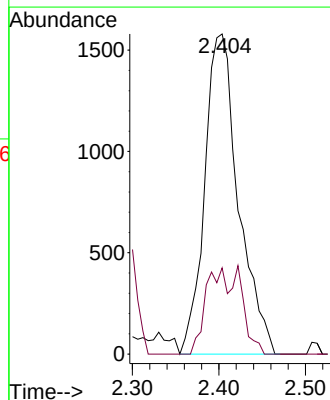
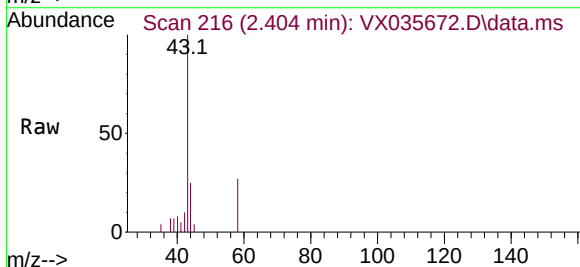
Acq: 15 May 2023 17:55

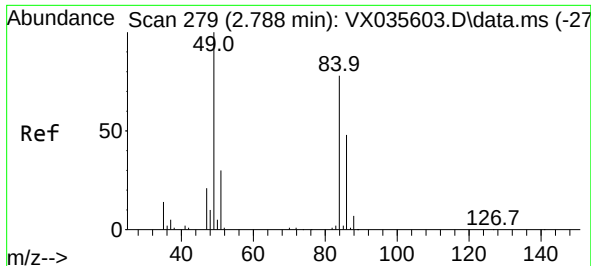
Tgt Ion: 43 Resp: 4279

Ion Ratio Lower Upper

43 100

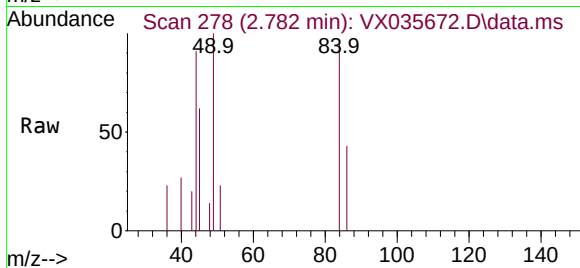
58 26.9 24.7 37.1



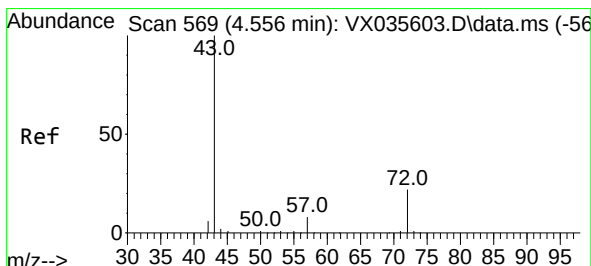
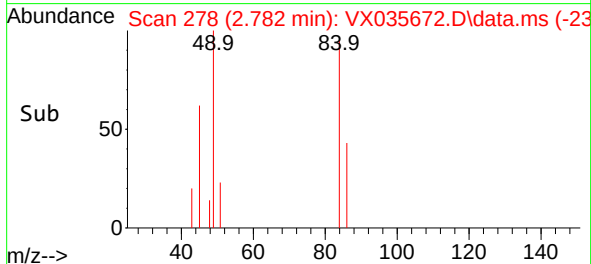
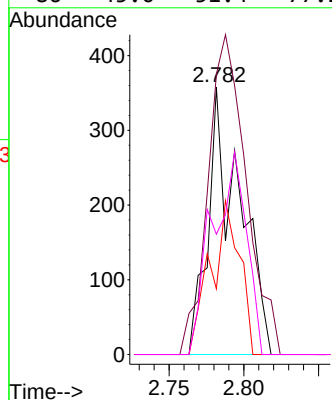


#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-06-05082023

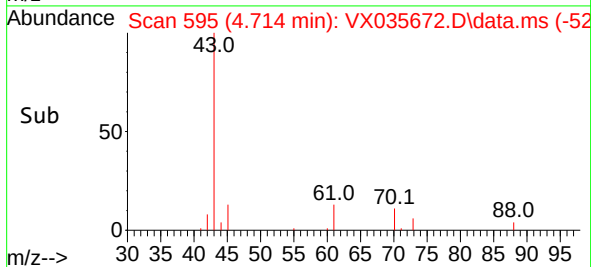
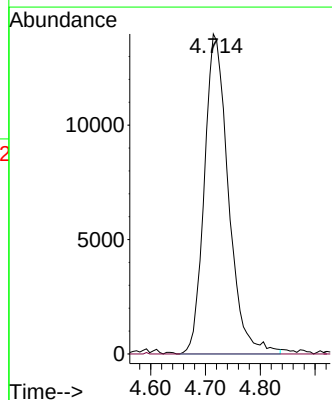
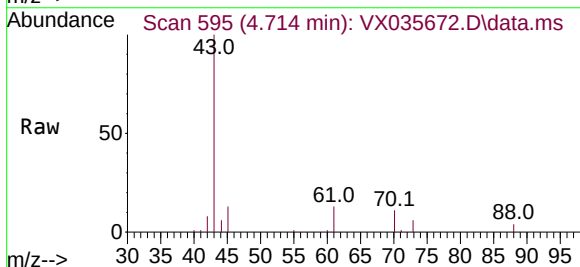


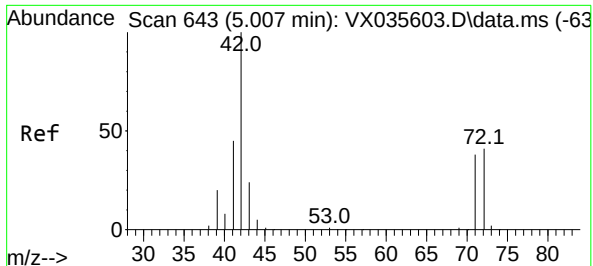
Tgt Ion:	84	Resp:	524
Ion	Ratio	Lower	Upper
84	100		
49	104.7	103.8	155.8
51	24.6	31.8	47.8#
86	45.0	51.4	77.2#



#25
2-Butanone
Concen: 22.065 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.158 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

Tgt Ion:	43	Resp:	42649
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.3	28.9#





#29

Tetrahydrofuran

Concen: 1.863 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-06-05082023

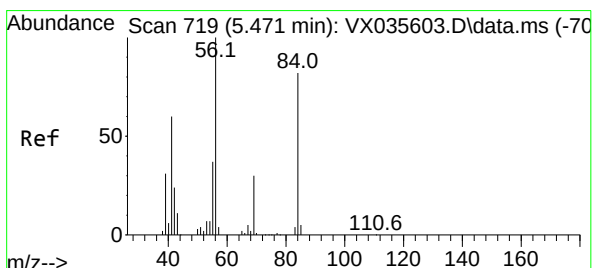
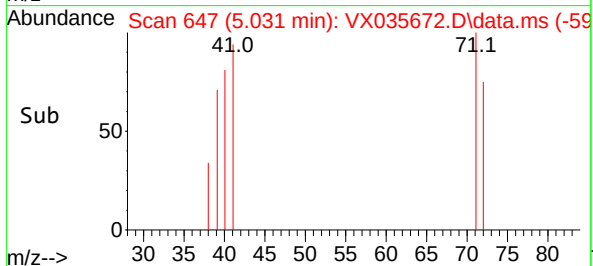
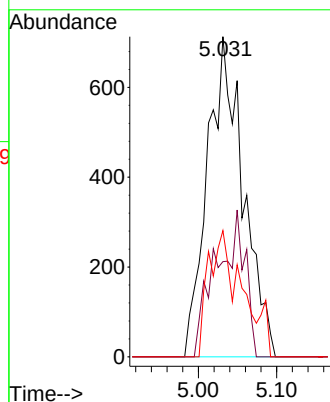
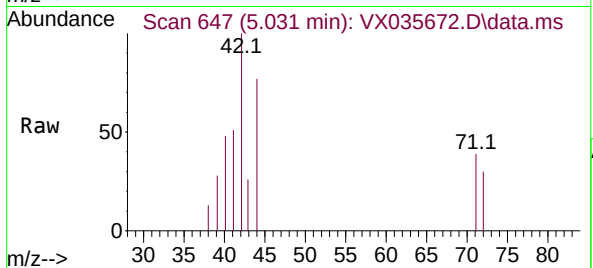
Tgt Ion: 42 Resp: 2263

Ion Ratio Lower Upper

42 100

72 16.7 34.5 51.7#

71 22.9 32.1 48.1#



#31

Cyclohexane

Concen: 1.264 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

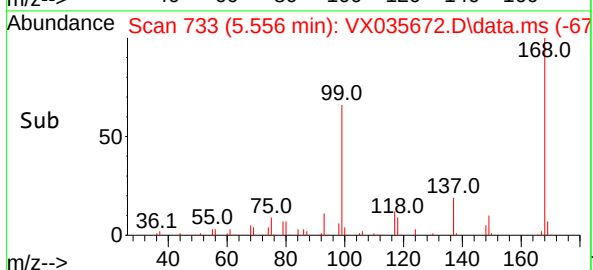
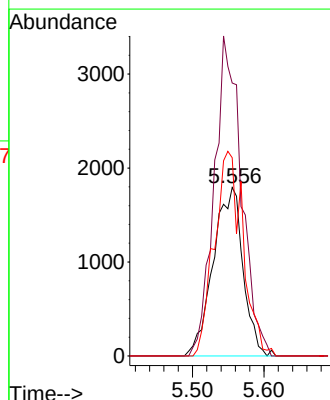
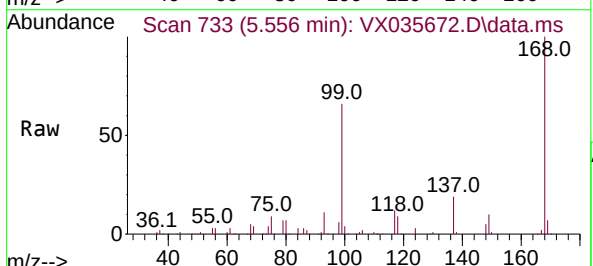
Tgt Ion: 56 Resp: 5188

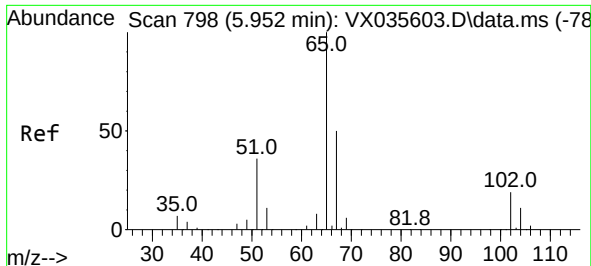
Ion Ratio Lower Upper

56 100

69 161.9 23.7 35.5#

84 117.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.228 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

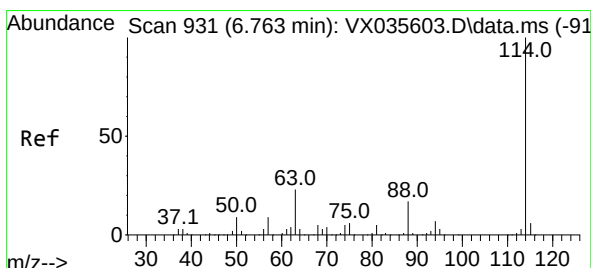
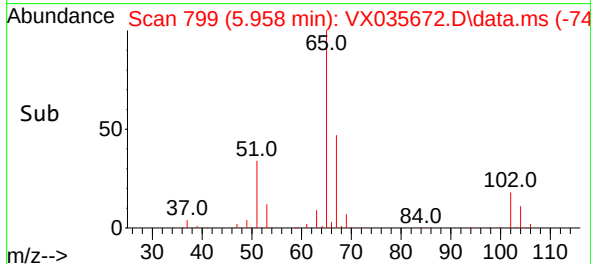
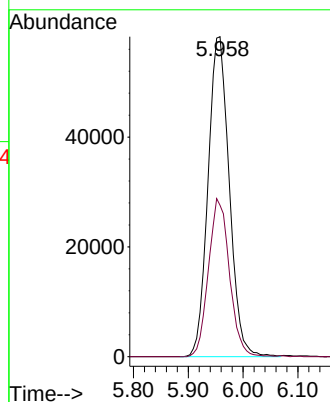
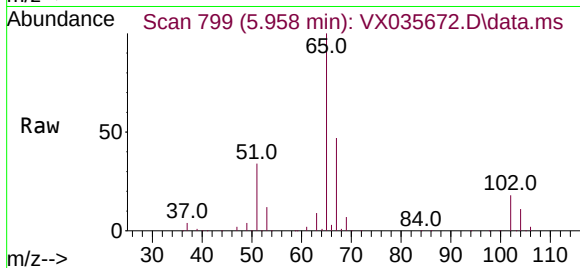
FSND-EQB-06-05082023

Tgt Ion: 65 Resp: 156676

Ion Ratio Lower Upper

65 100

67 48.8 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: VX035672.D

Acq: 15 May 2023 17:55

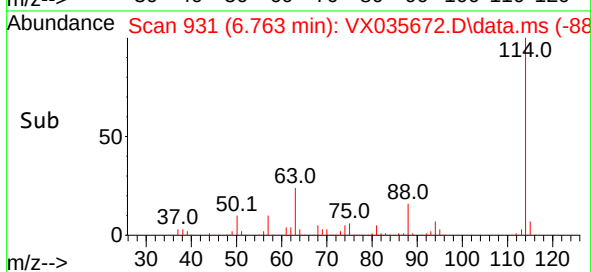
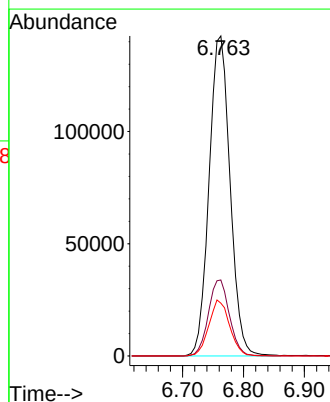
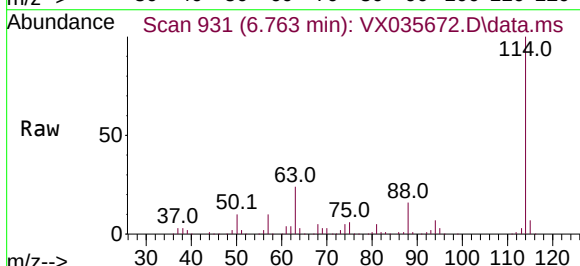
Tgt Ion: 114 Resp: 341497

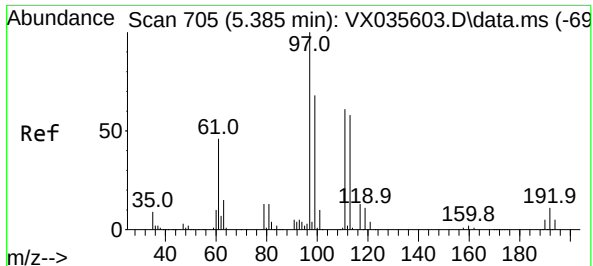
Ion Ratio Lower Upper

114 100

63 23.7 0.0 42.2

88 16.5 0.0 33.2

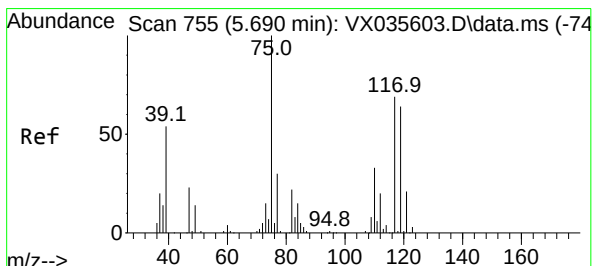
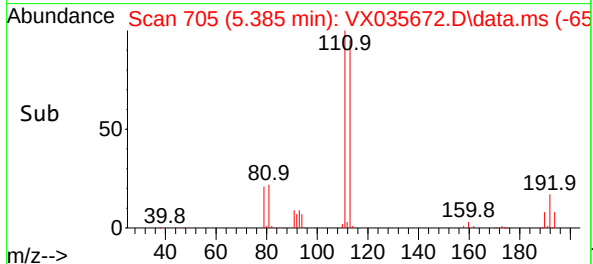
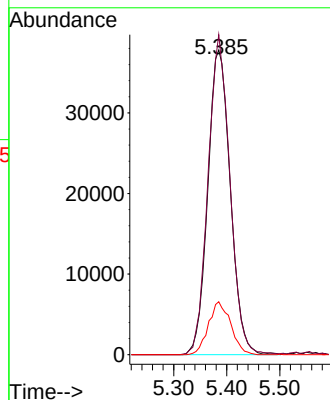
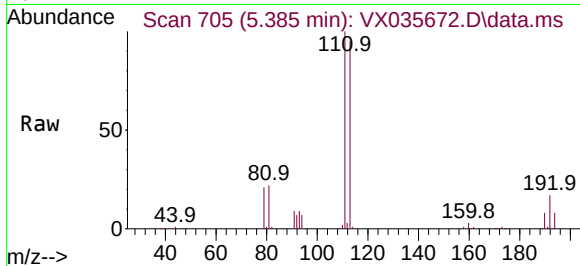




#35
Dibromofluoromethane
Concen: 48.494 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

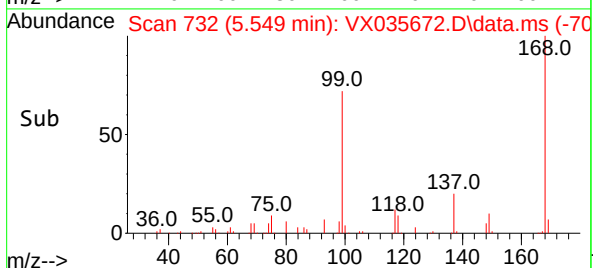
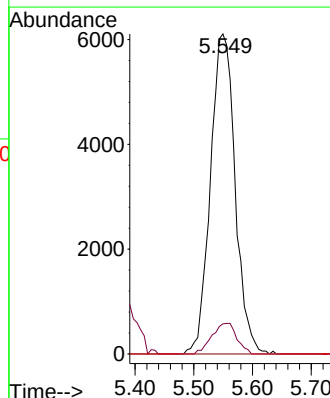
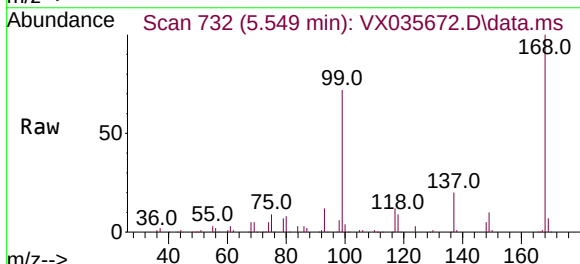
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FSND-EQB-06-05082023

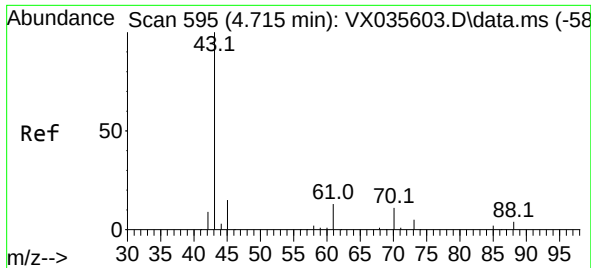
Tgt Ion:113 Resp: 111685
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 17.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.141 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

Tgt Ion: 75 Resp: 17851
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#





#37

Ethyl Acetate

Concen: 11.315 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.001 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-06-05082023

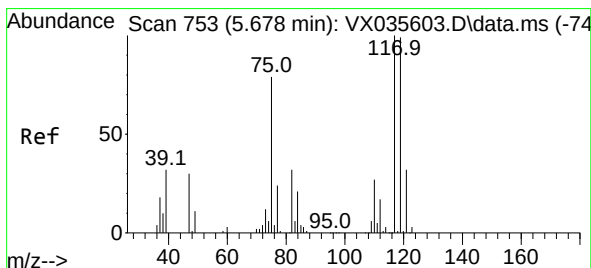
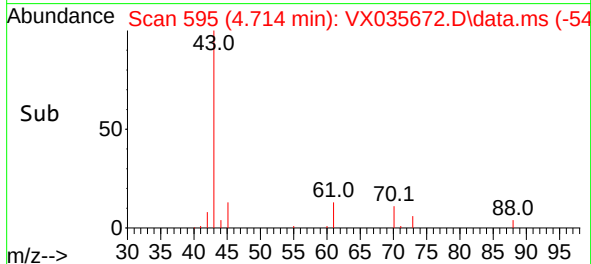
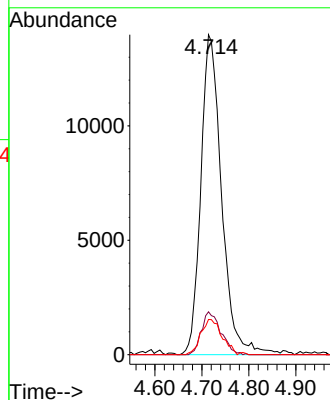
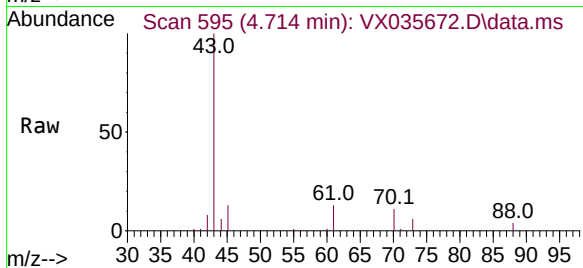
Tgt Ion: 43 Resp: 42903

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.4

70 11.1 8.2 12.4



#38

Carbon Tetrachloride

Concen: 6.304 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX035672.D

Acq: 15 May 2023 17:55

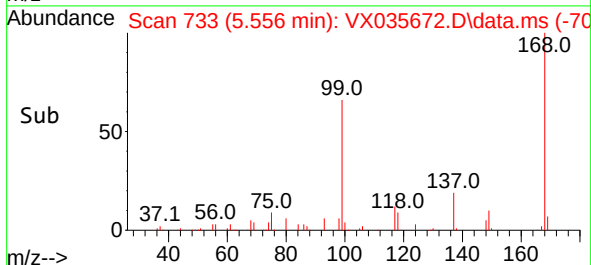
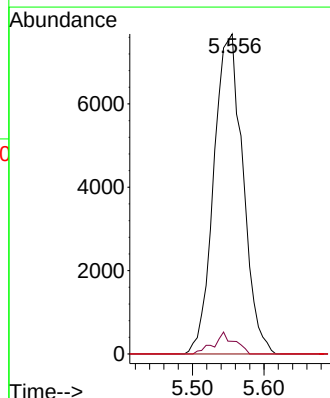
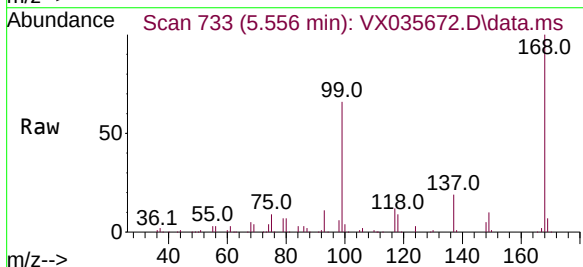
Tgt Ion: 117 Resp: 21709

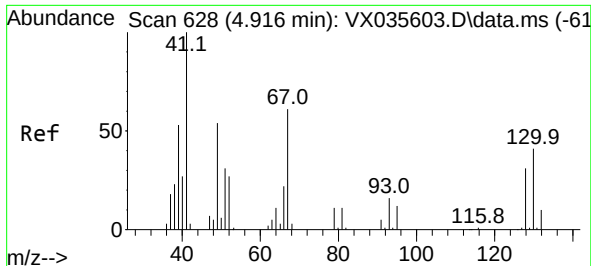
Ion Ratio Lower Upper

117 100

119 4.0 76.6 114.8#

121 0.0 23.8 35.6#

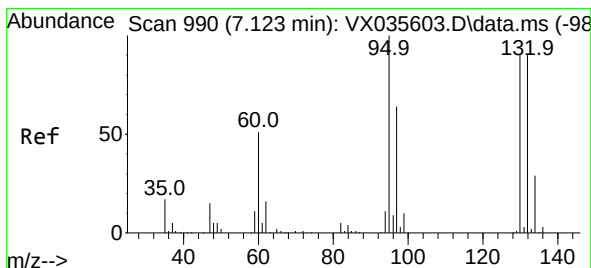
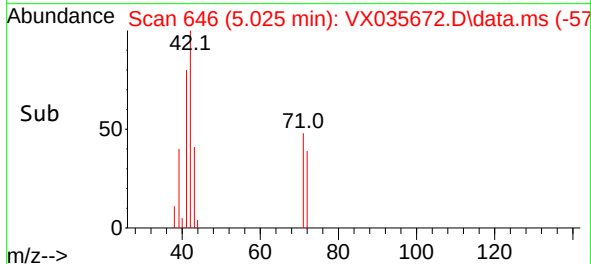
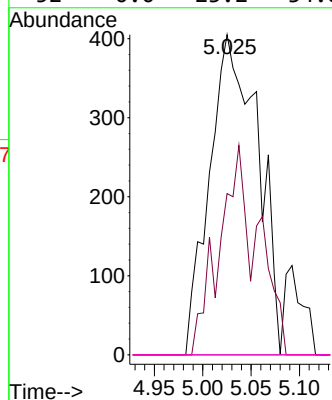
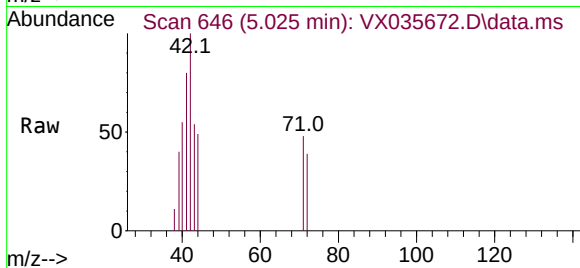




#41
Methacrylonitrile
Concen: 0.625 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.109 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

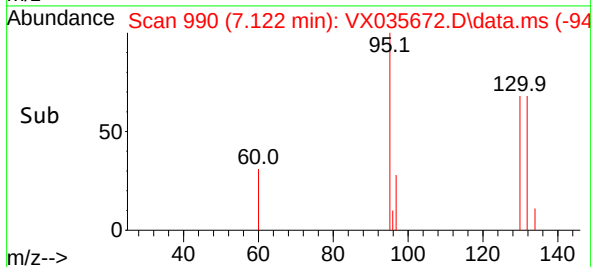
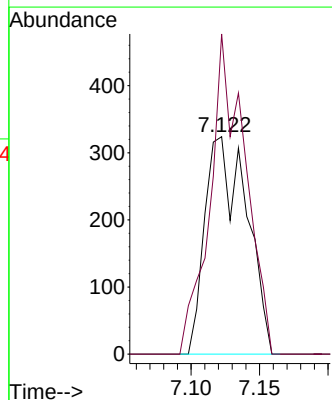
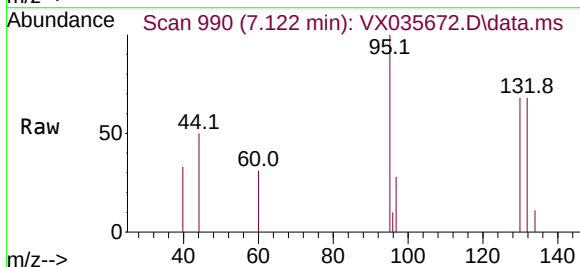
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-06-05082023

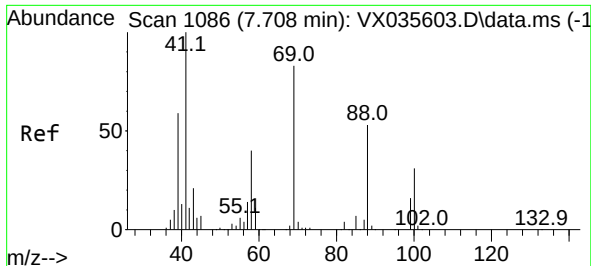
Tgt Ion: 41 Resp: 1406
Ion Ratio Lower Upper
41 100
39 36.9 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 0.265 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.001 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

Tgt Ion:130 Resp: 684
Ion Ratio Lower Upper
130 100
95 147.2 0.0 198.4





#49

1,4-Dioxane

Concen: 2.843 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035672.D

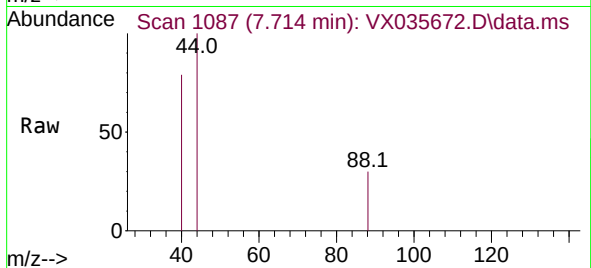
Acq: 15 May 2023 17:55

Instrument :

MSVOA_X

ClientSampleId :

FSND-EQB-06-05082023



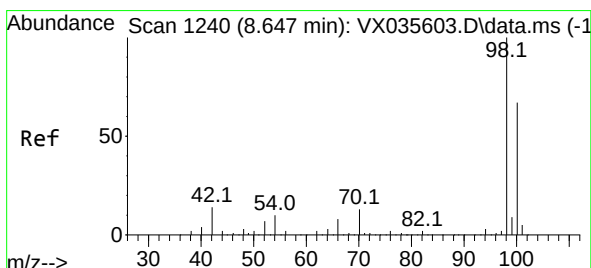
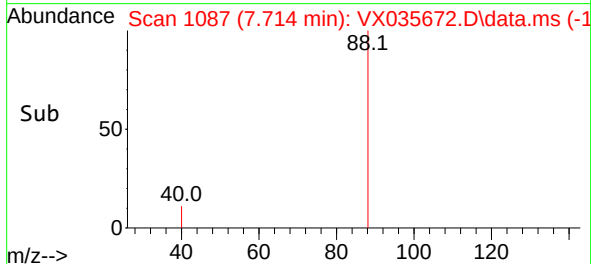
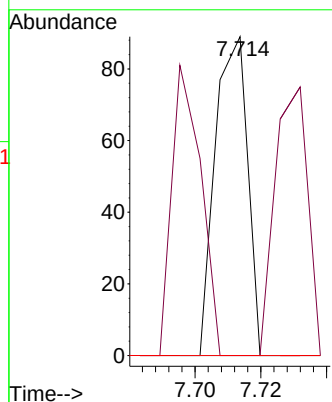
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 82.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 48.410 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.001 min

Lab File: VX035672.D

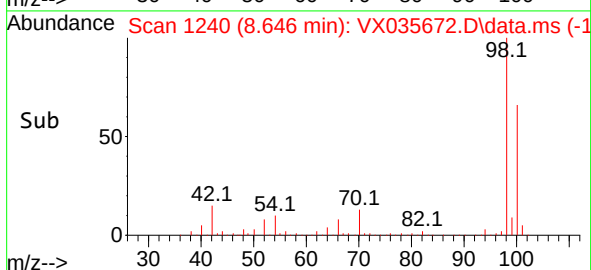
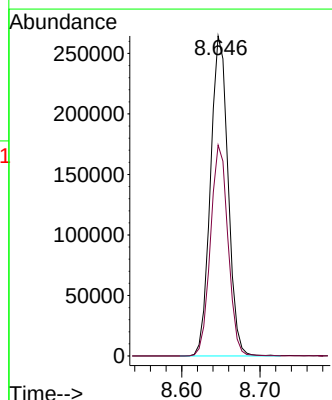
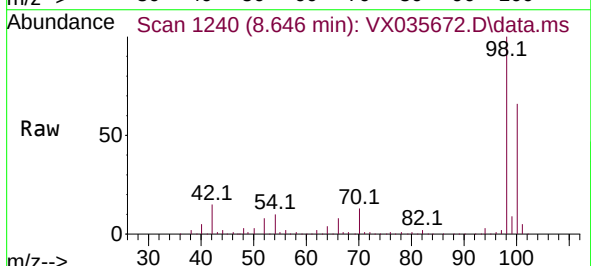
Acq: 15 May 2023 17:55

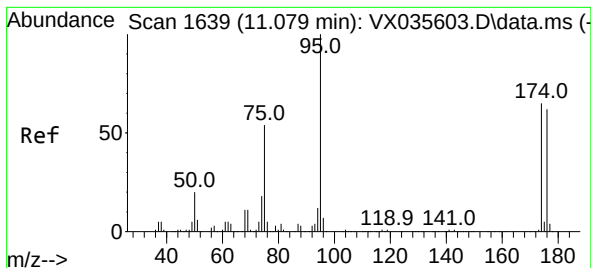
Tgt Ion: 98 Resp: 411875

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

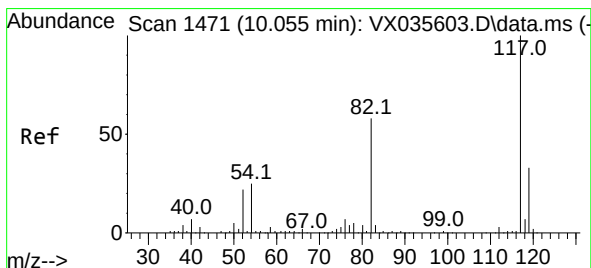
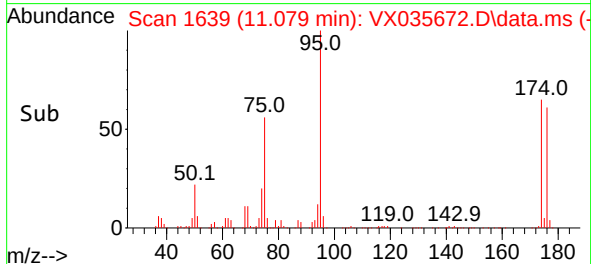
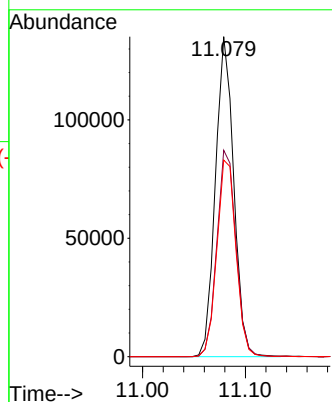
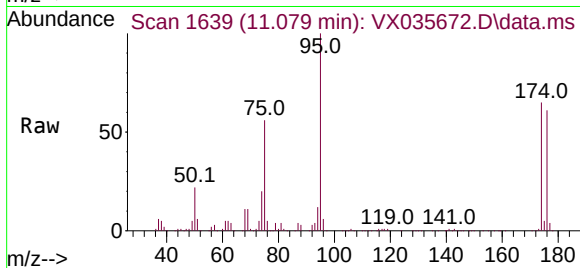




#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

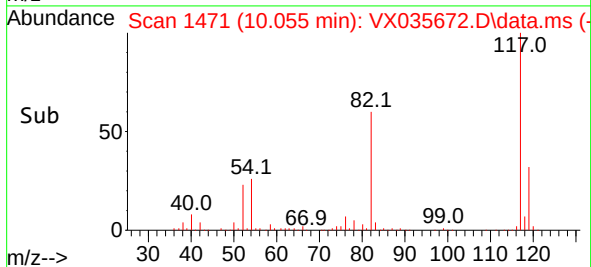
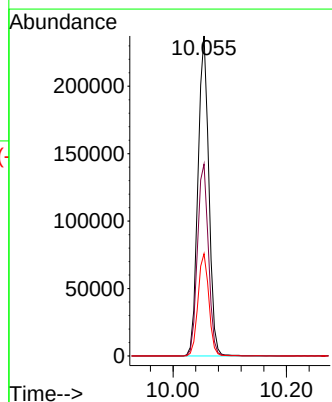
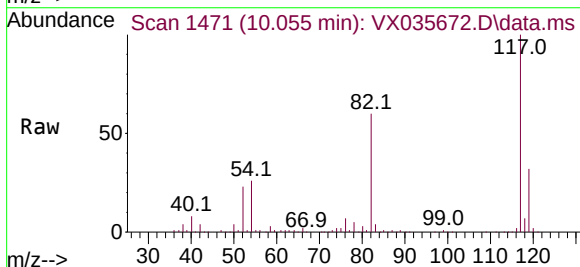
Instrument :
MSVOA_X
ClientSampleId :
FSND-EQB-06-05082023

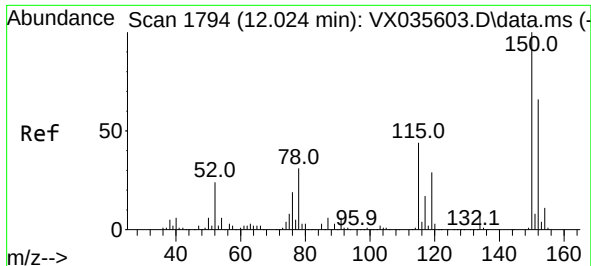
Tgt Ion: 95 Resp: 167222
Ion Ratio Lower Upper
95 100
174 67.2 0.0 147.4
176 64.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035672.D
Acq: 15 May 2023 17:55

Tgt Ion: 117 Resp: 315405
Ion Ratio Lower Upper
117 100
82 60.0 45.0 67.4
119 32.0 26.0 39.0

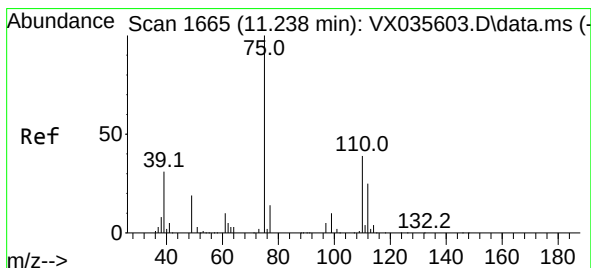
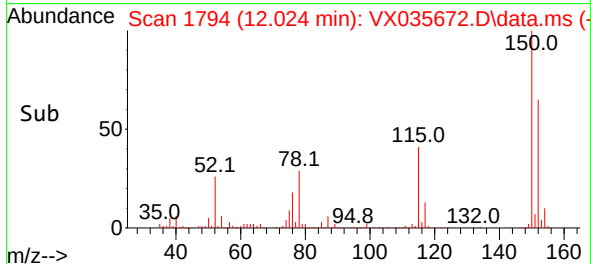
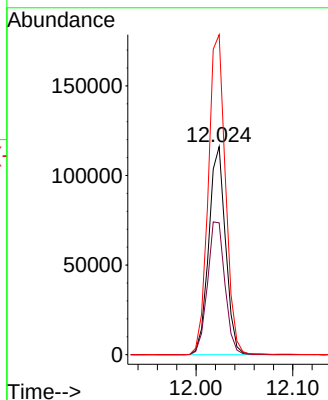
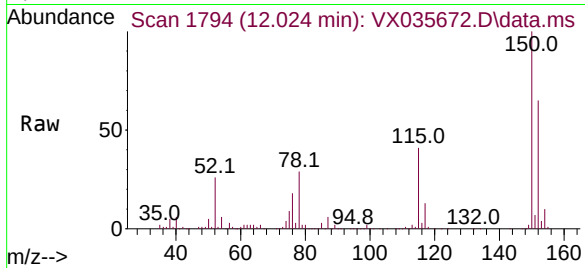




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035672.D
 Acq: 15 May 2023 17:55

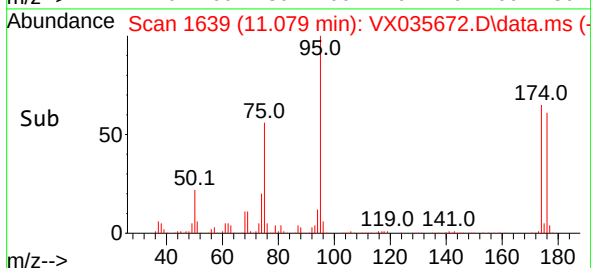
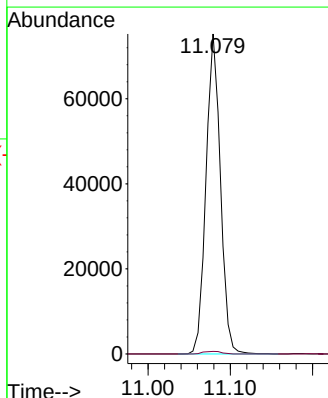
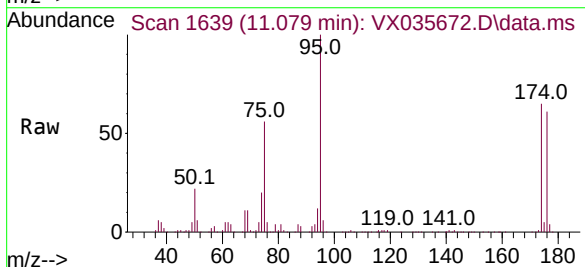
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-06-05082023

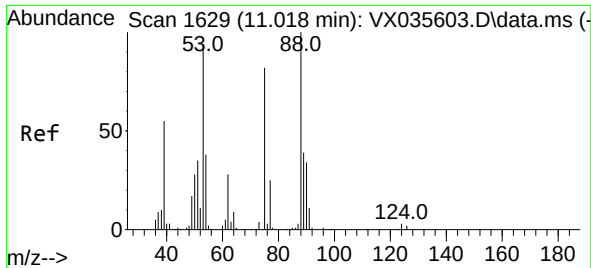
Tgt Ion:152 Resp: 140172
 Ion Ratio Lower Upper
 152 100
 115 66.5 45.0 135.0
 150 157.8 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.705 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035672.D
 Acq: 15 May 2023 17:55

Tgt Ion: 75 Resp: 91561
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.065 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035672.D
 Acq: 15 May 2023 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-EQB-06-05082023

Tgt Ion: 75 Resp: 91561
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

