

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052223\
 Data File : VX035785.D
 Acq On : 22 May 2023 15:25
 Operator : JC/MD
 Sample : 02860-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023

Quant Time: May 23 06:12:39 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

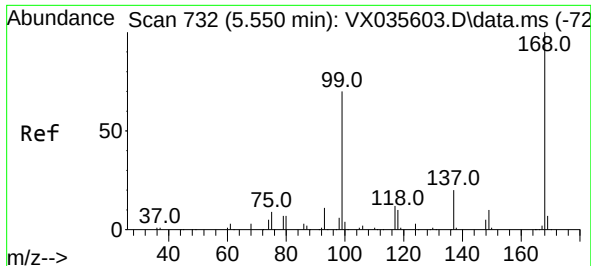
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	196702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	352321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	174055	50.722	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.440%
35) Dibromofluoromethane	5.385	113	113119	47.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.646	98	401954	45.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.580%#
62) 4-Bromofluorobenzene	11.079	95	159265	45.063	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.120%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	654	0.210	ug/l	92
11) Tert butyl alcohol	3.019	59	355	0.586	ug/l #	73
16) Acetone	2.410	43	4720	3.200	ug/l	93
25) 2-Butanone	4.720	43	40723	19.946	ug/l #	51
29) Tetrahydrofuran	5.037	42	2108	1.643	ug/l #	78
31) Cyclohexane	5.549	56	5940	1.370	ug/l #	24
36) 1,1-Dichloropropene	5.549	75	19480	5.194	ug/l #	50
37) Ethyl Acetate	4.720	43	40855	10.444	ug/l	99
38) Carbon Tetrachloride	5.556	117	23010	6.477	ug/l #	15
40) Benzene	6.043	78	2940	0.280	ug/l	93
41) Methacrylonitrile	5.025	41	1139	0.490	ug/l #	39
49) 1,4-Dioxane	7.732	88	110	3.473	ug/l #	23
52) Toluene	8.714	92	9162	1.383	ug/l	94
67) Ethyl Benzene	10.195	91	3241	0.257	ug/l	98
68) m/p-Xylenes	10.299	106	4906	1.051	ug/l	96
69) o-Xylene	10.640	106	2617	0.565	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	87565	26.545	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87565	85.549	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.750	105	2889	0.298	ug/l	95

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

Quant Time: May 23 06:12:39 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

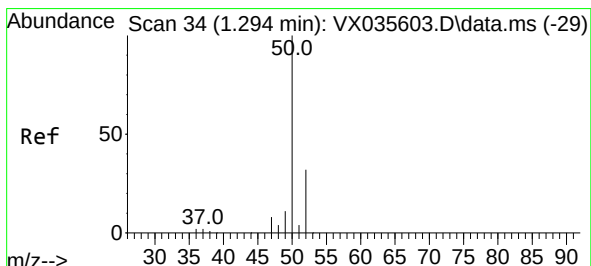
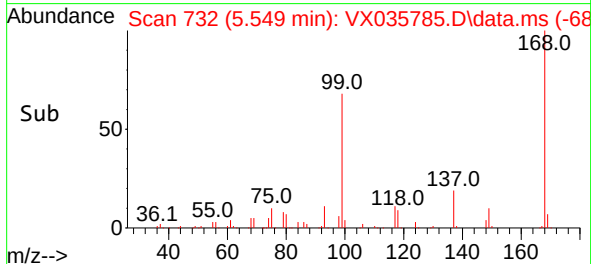
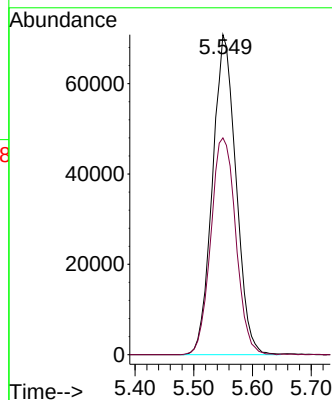
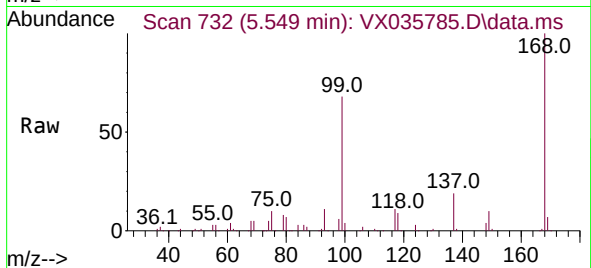




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

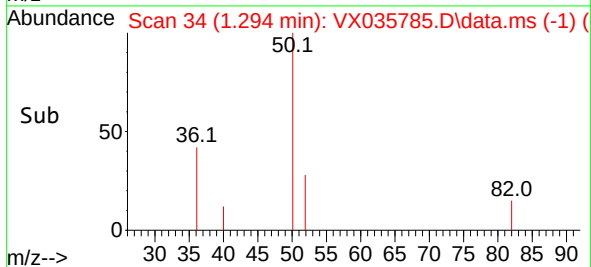
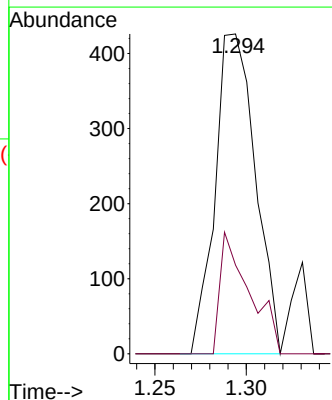
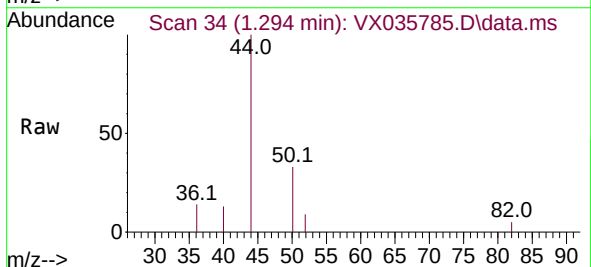
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

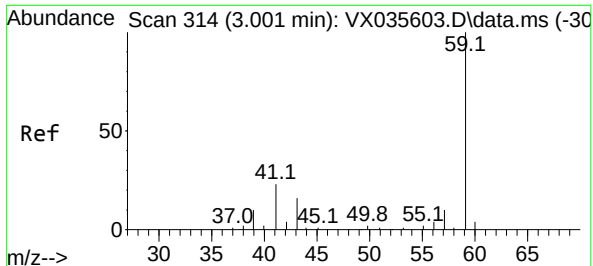
Tgt Ion:168 Resp: 196702
Ion Ratio Lower Upper
168 100
99 67.7 45.7 68.5



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 50 Resp: 654
Ion Ratio Lower Upper
50 100
52 27.7 25.9 38.9





#11

Tert butyl alcohol

Concen: 0.586 ug/l

RT: 3.019 min Scan# 314

Delta R.T. 0.018 min

Lab File: VX035785.D

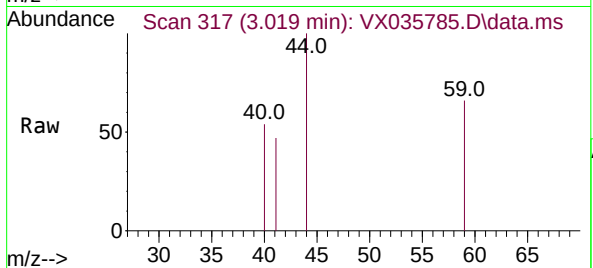
Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023

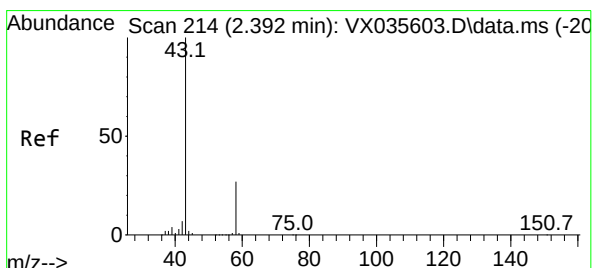
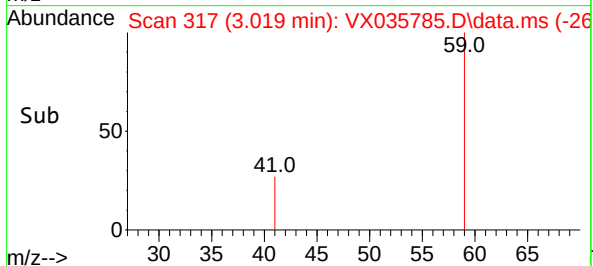
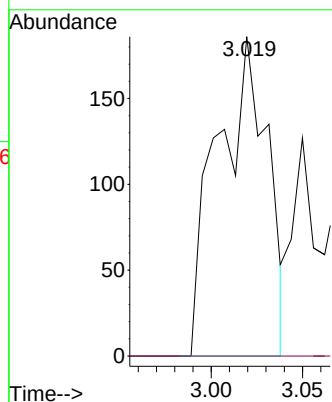


Tgt Ion: 59 Resp: 355

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 3.200 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.018 min

Lab File: VX035785.D

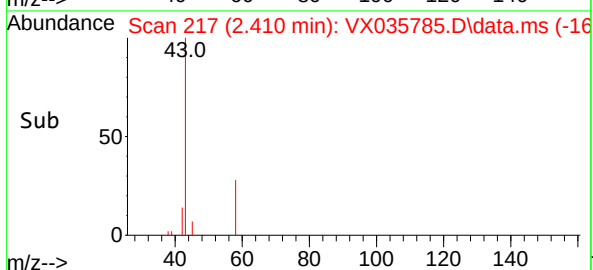
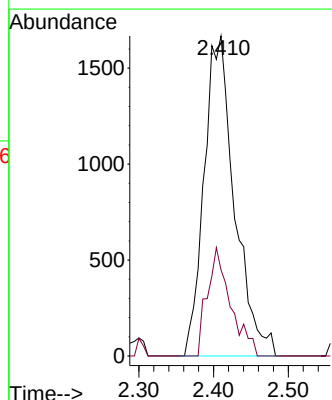
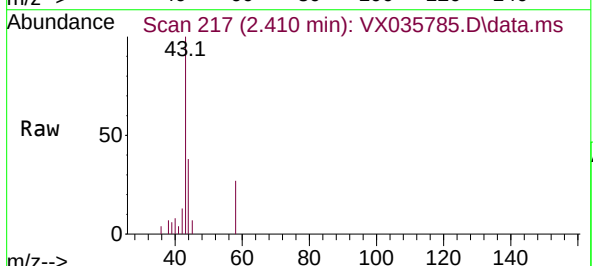
Acq: 22 May 2023 15:25

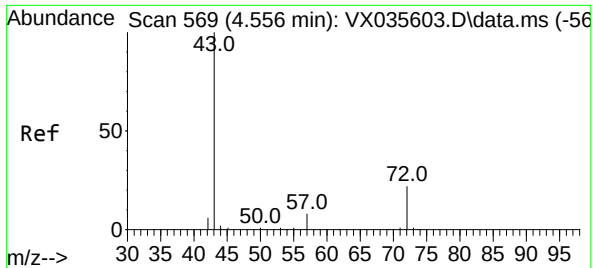
Tgt Ion: 43 Resp: 4720

Ion Ratio Lower Upper

43 100

58 26.9 24.7 37.1





#25

2-Butanone

Concen: 19.946 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.164 min

Lab File: VX035785.D

Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

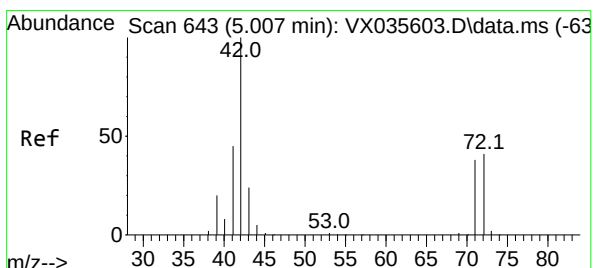
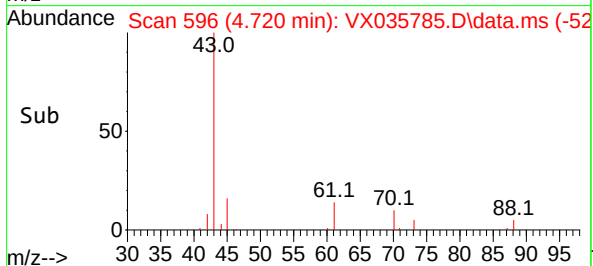
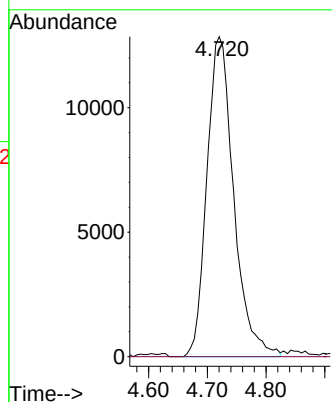
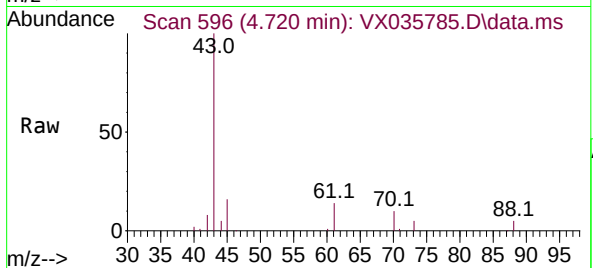
FSND-TB-03-05182023

Tgt Ion: 43 Resp: 40723

Ion Ratio Lower Upper

43 100

72 0.0 19.3 28.9#



#29

Tetrahydrofuran

Concen: 1.643 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.030 min

Lab File: VX035785.D

Acq: 22 May 2023 15:25

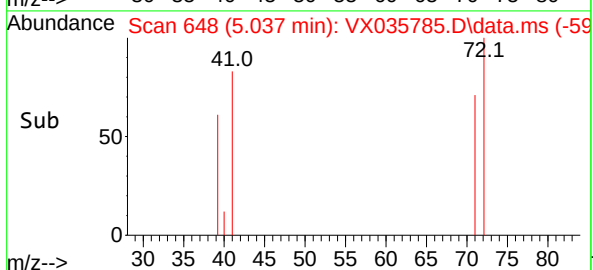
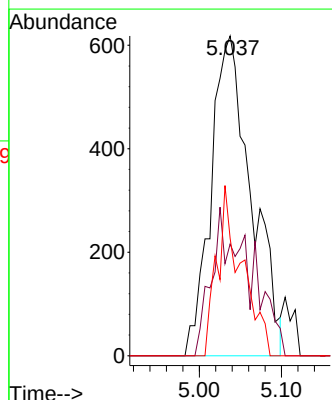
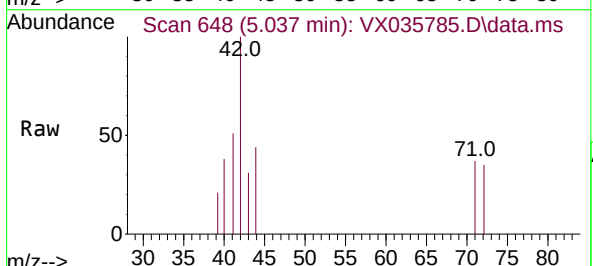
Tgt Ion: 42 Resp: 2108

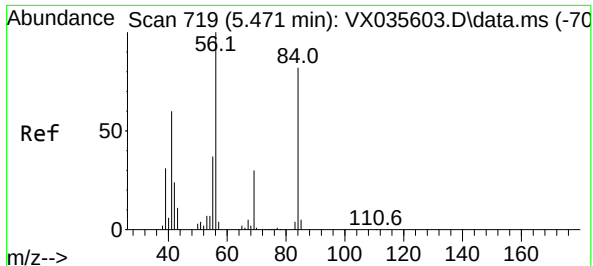
Ion Ratio Lower Upper

42 100

72 23.5 34.5 51.7#

71 32.4 32.1 48.1

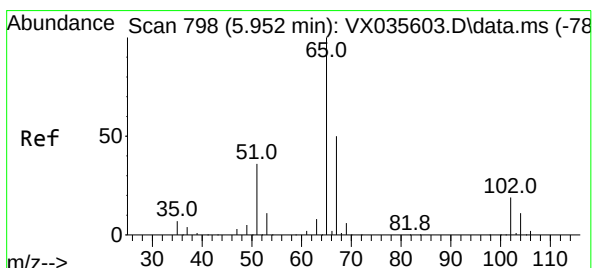
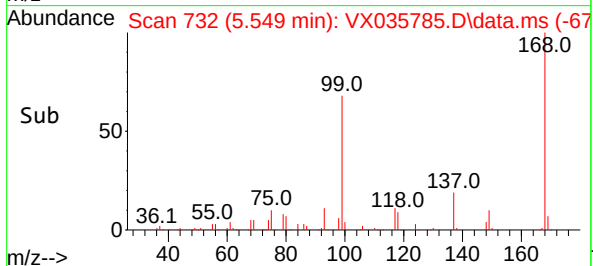
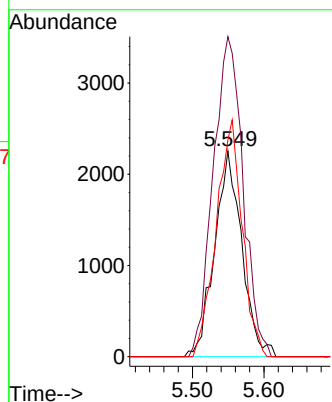
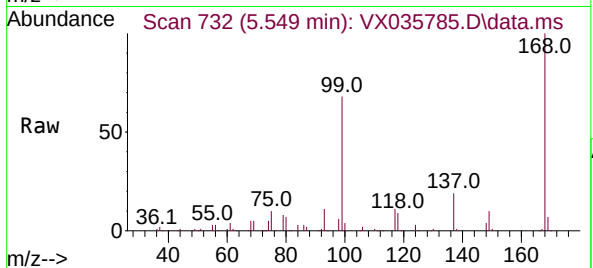




#31
Cyclohexane
Concen: 1.370 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

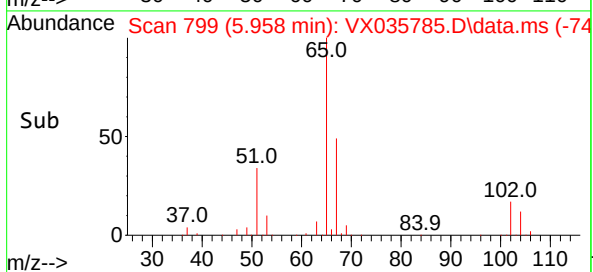
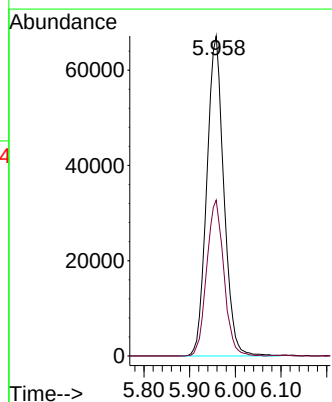
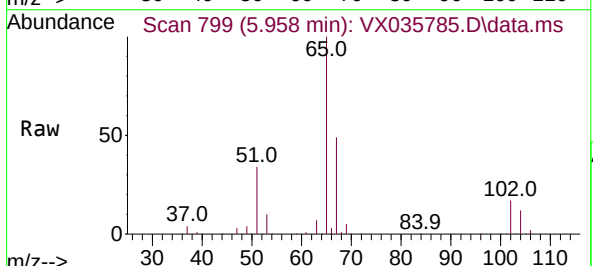
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

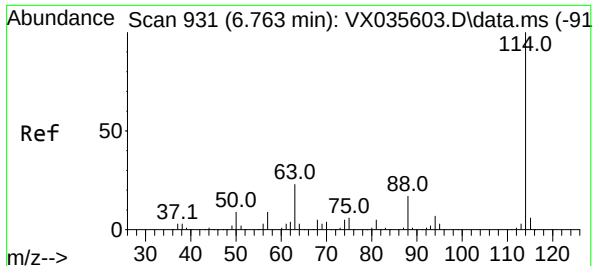
Tgt Ion: 56 Resp: 5940
Ion Ratio Lower Upper
56 100
69 155.5 23.7 35.5#
84 105.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 50.722 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 65 Resp: 174055
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.0

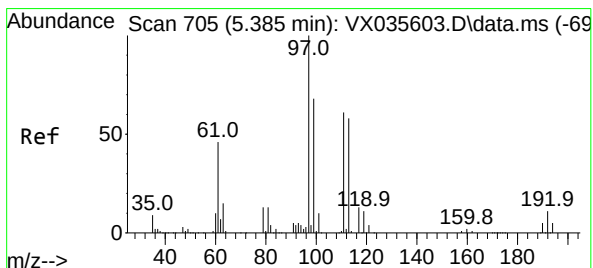
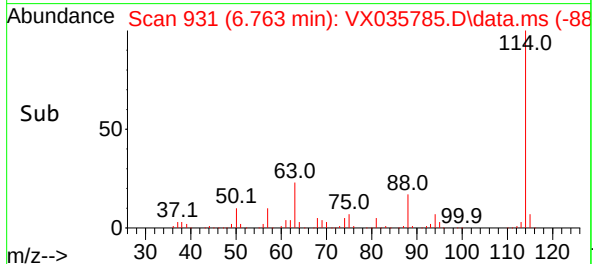
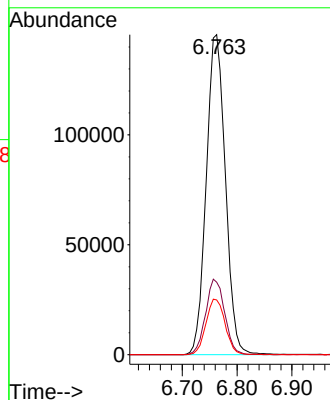
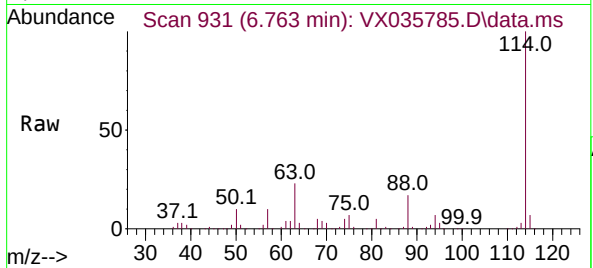




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

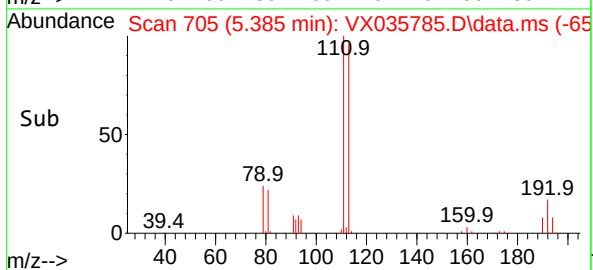
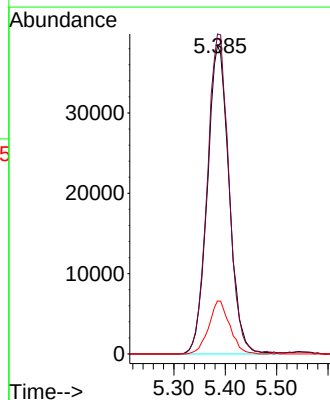
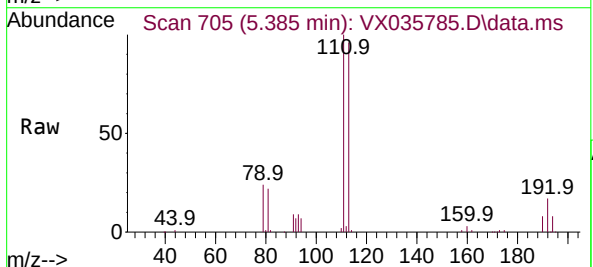
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

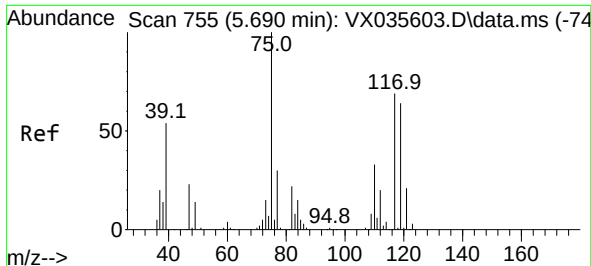
Tgt Ion:114 Resp: 352321
Ion Ratio Lower Upper
114 100
63 22.7 0.0 42.2
88 17.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion:113 Resp: 113119
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 16.5 15.4 23.2

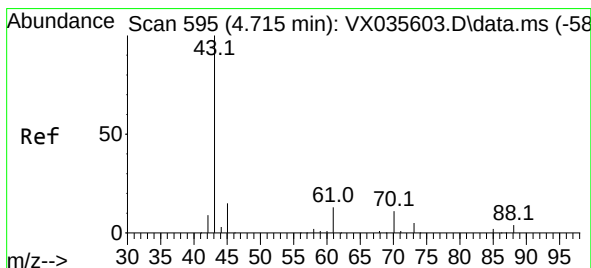
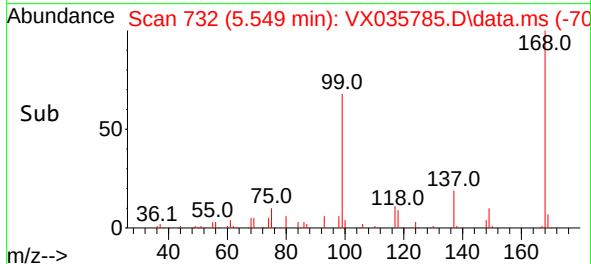
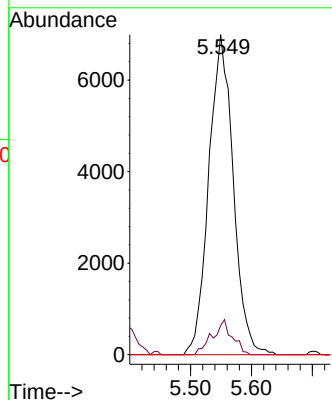
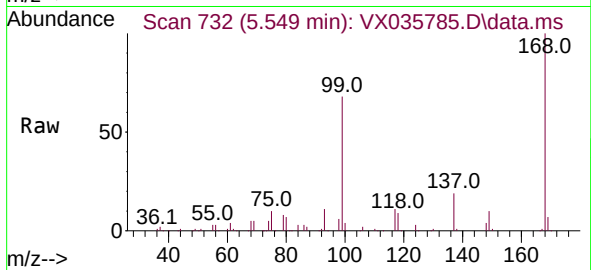




#36
1,1-Dichloropropene
Concen: 5.194 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.141 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

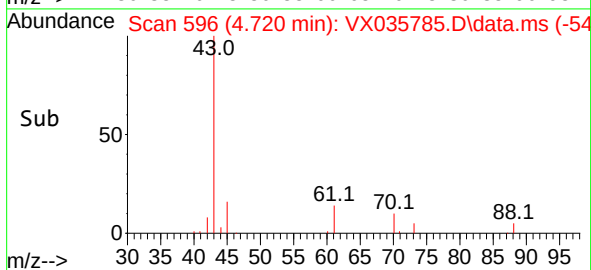
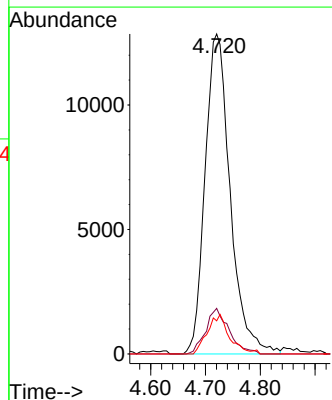
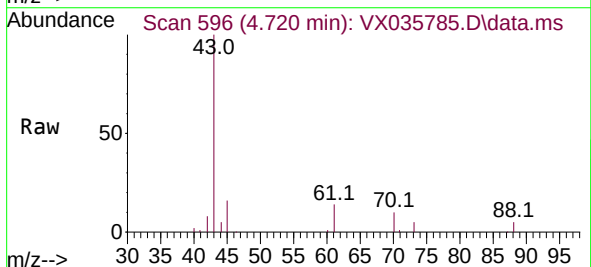
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

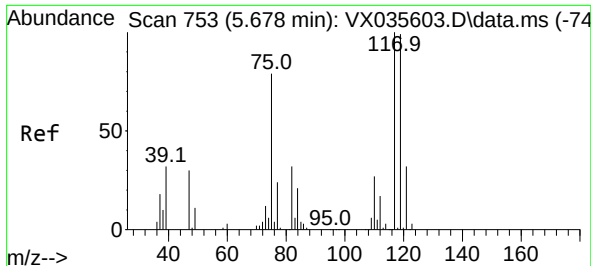
Tgt Ion: 75 Resp: 19480
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 10.444 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.005 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 43 Resp: 40855
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.4
70 10.8 8.2 12.4





#38

Carbon Tetrachloride

Concen: 6.477 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX035785.D

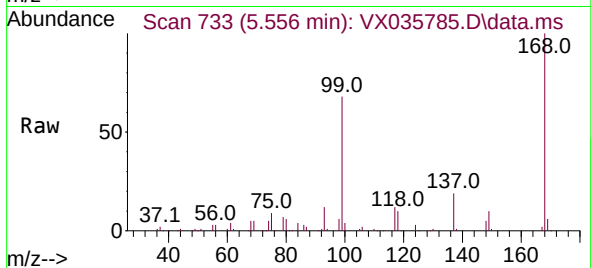
Acq: 22 May 2023 15:25

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-03-05182023



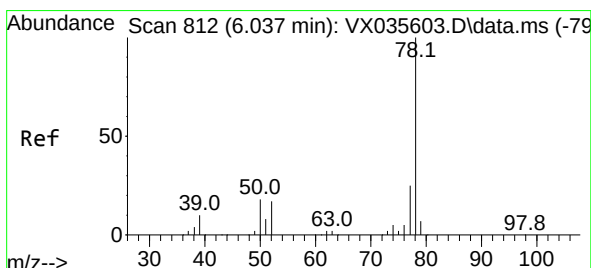
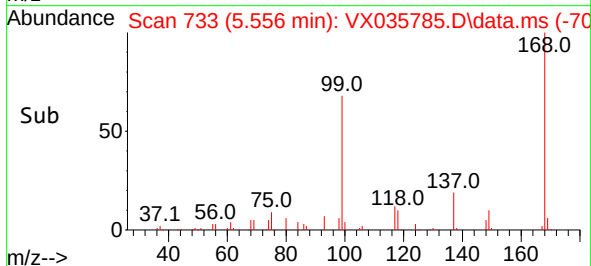
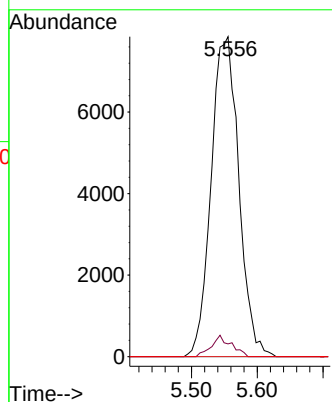
Tgt Ion:117 Resp: 23010

Ion Ratio Lower Upper

117 100

119 4.0 76.6 114.8#

121 0.0 23.8 35.6#



#40

Benzene

Concen: 0.280 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX035785.D

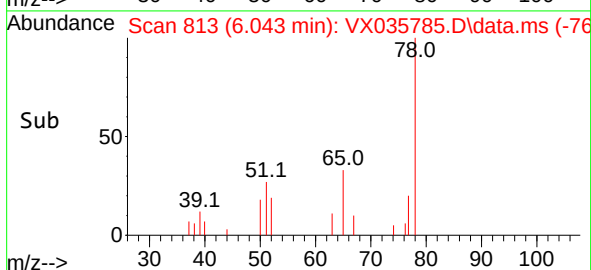
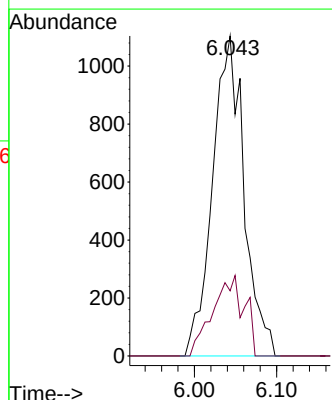
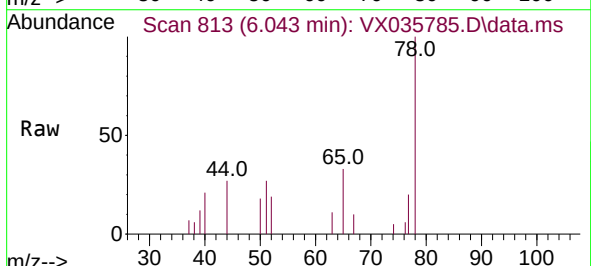
Acq: 22 May 2023 15:25

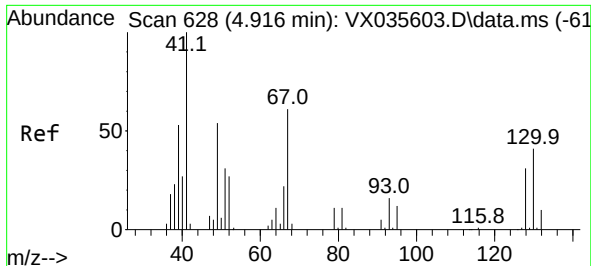
Tgt Ion: 78 Resp: 2940

Ion Ratio Lower Upper

78 100

77 20.4 19.0 28.4

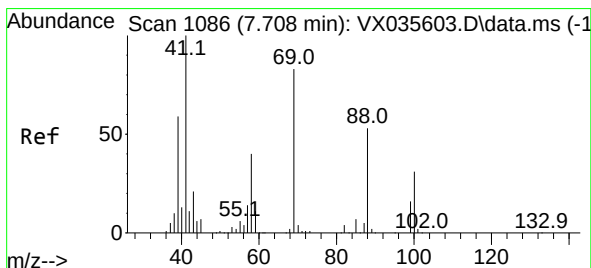
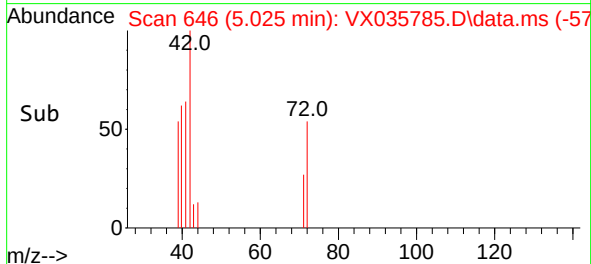
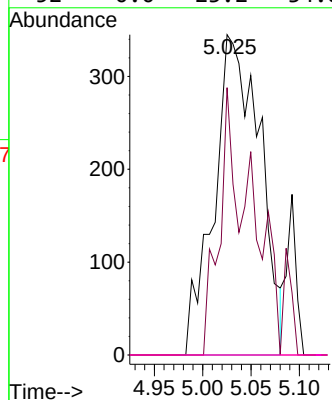
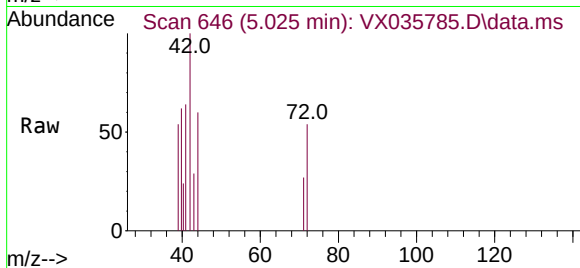




#41
Methacrylonitrile
Concen: 0.490 ug/l
RT: 5.025 min Scan# 64
Delta R.T. 0.109 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

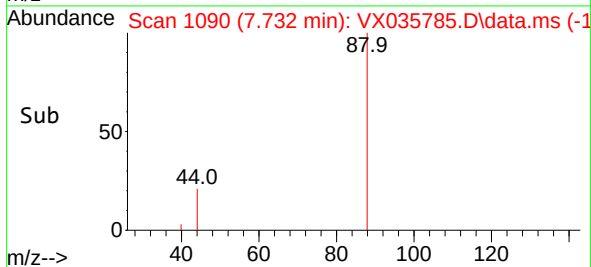
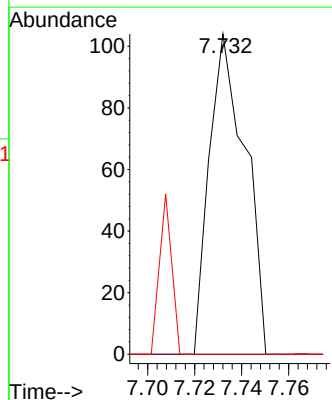
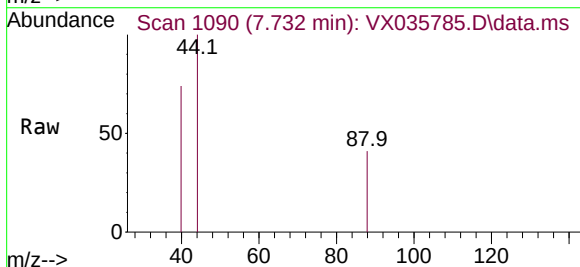
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

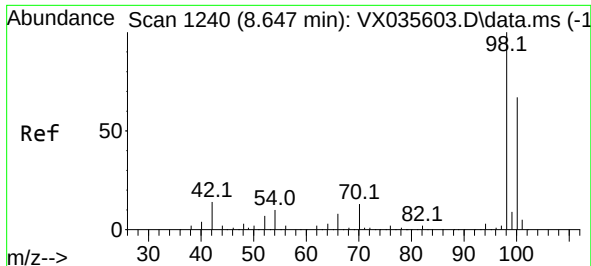
Tgt Ion:	41	Resp:	1139
Ion	Ratio	Lower	Upper
41	100		
39	30.0	45.0	67.6#
67	0.0	55.6	83.4#
52	0.0	23.2	34.8#



#49
1,4-Dioxane
Concen: 3.473 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.024 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion:	88	Resp:	110
Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.7	41.5#
58	0.0	56.8	85.2#

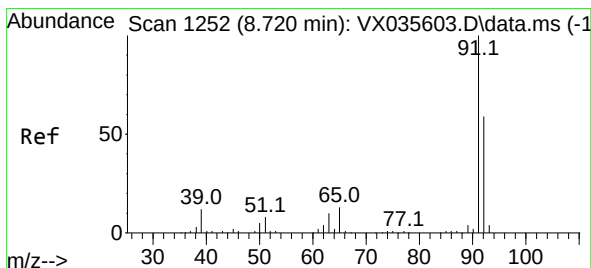
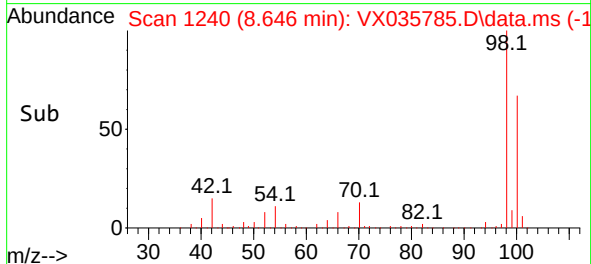
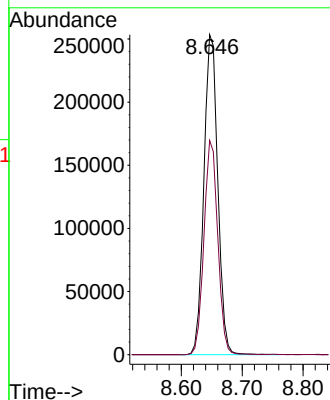
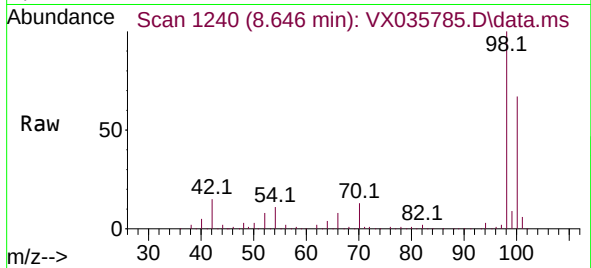




#50
Toluene-d8
Concen: 45.793 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

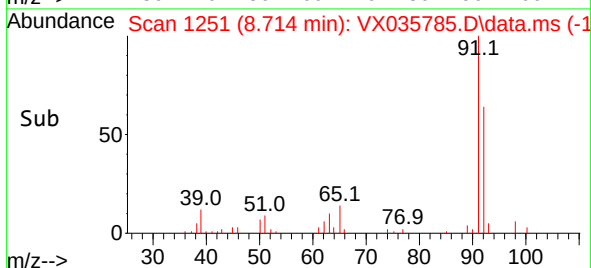
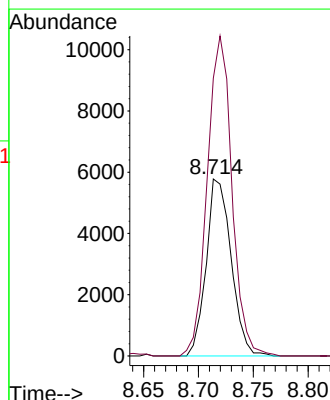
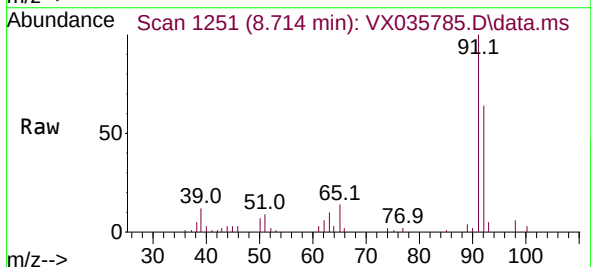
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

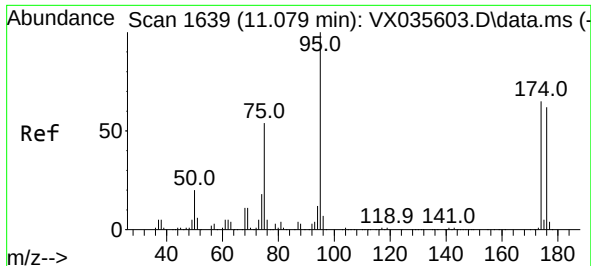
Tgt Ion: 98 Resp: 401954
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#52
Toluene
Concen: 1.383 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 92 Resp: 9162
Ion Ratio Lower Upper
92 100
91 178.8 136.8 205.2

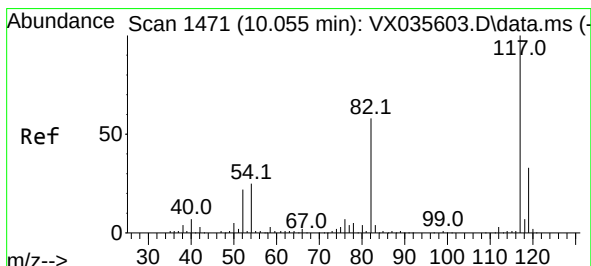
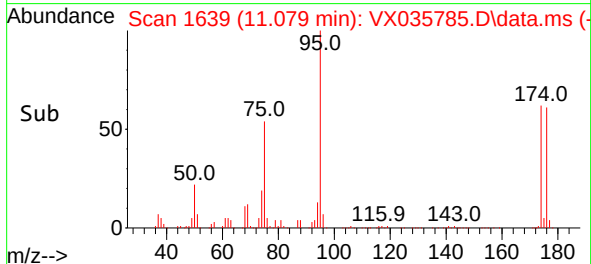
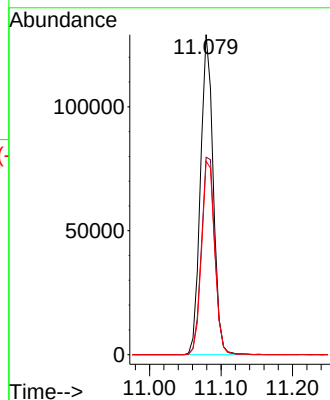
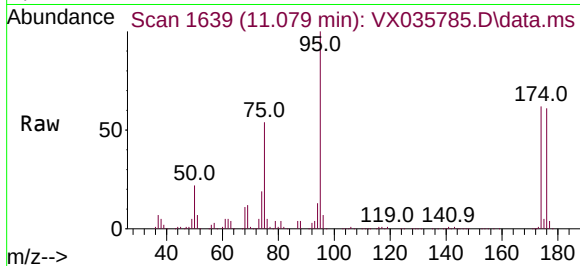




#62
4-Bromofluorobenzene
Concen: 45.063 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

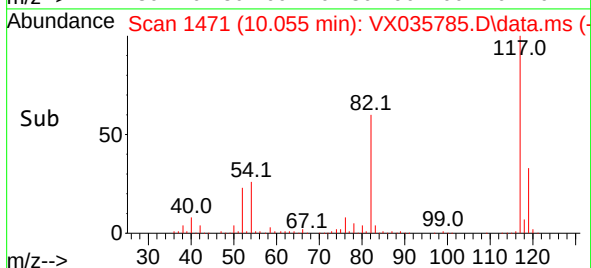
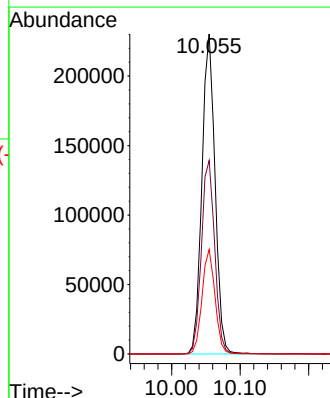
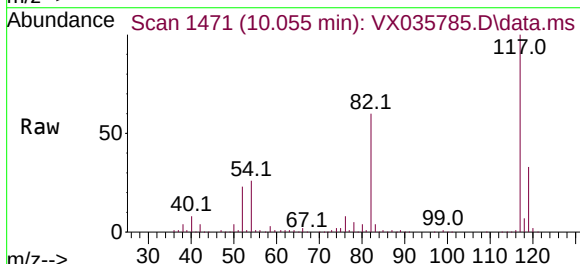
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

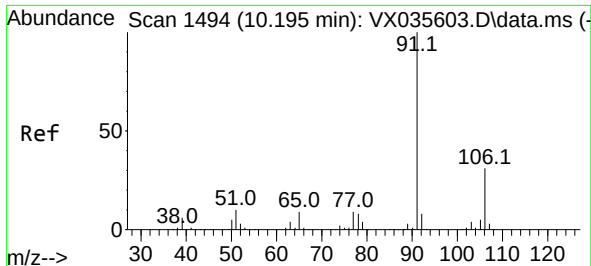
Tgt Ion: 95 Resp: 159265
Ion Ratio Lower Upper
95 100
174 65.2 0.0 147.4
176 62.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 117 Resp: 307583
Ion Ratio Lower Upper
117 100
82 60.5 45.0 67.4
119 32.7 26.0 39.0

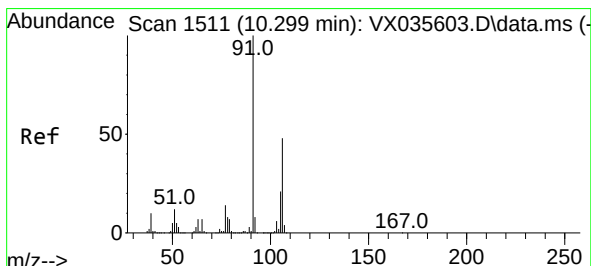
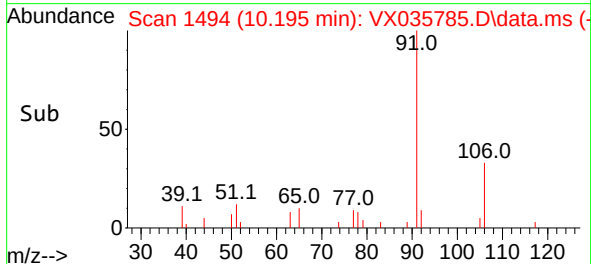
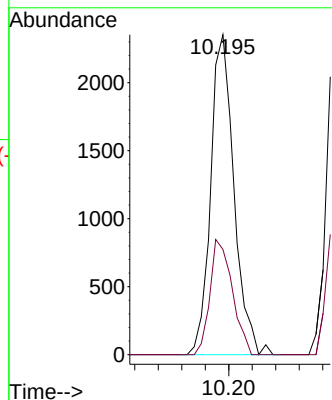
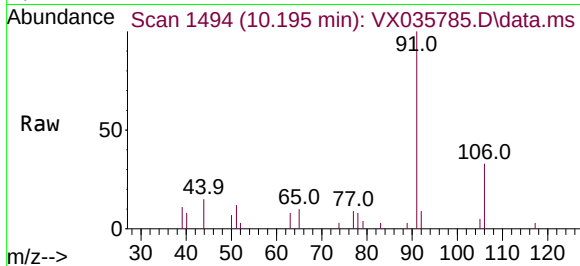




#67
Ethyl Benzene
Concen: 0.257 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

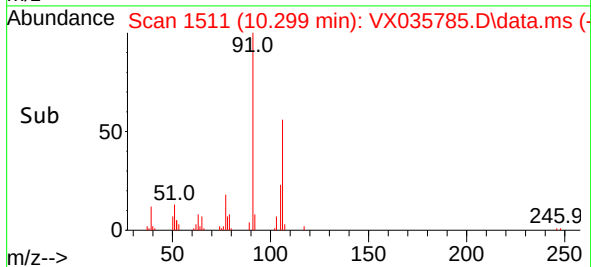
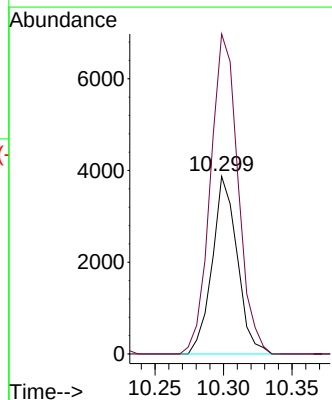
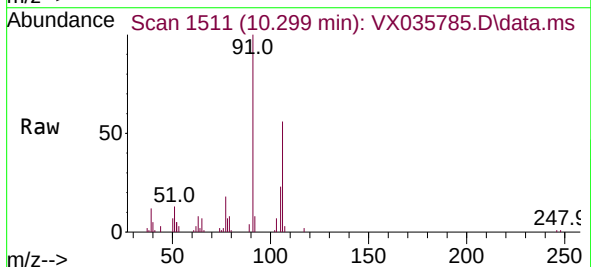
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

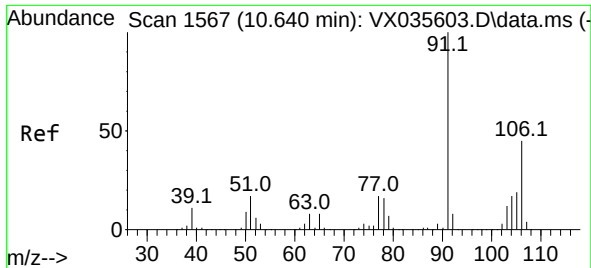
Tgt Ion: 91 Resp: 3241
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4



#68
m/p-Xylenes
Concen: 1.051 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion: 106 Resp: 4906
Ion Ratio Lower Upper
106 100
91 199.1 164.0 246.0

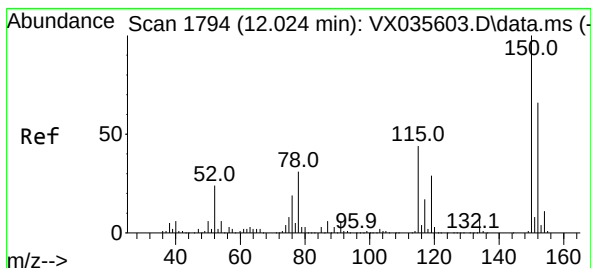
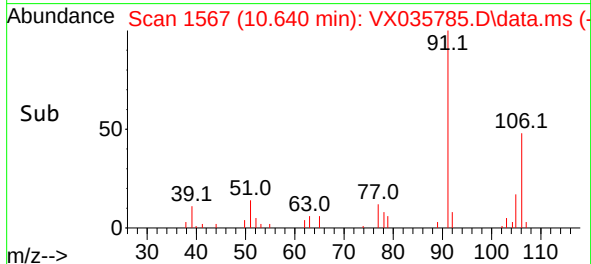
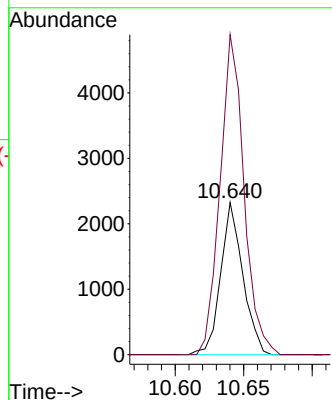
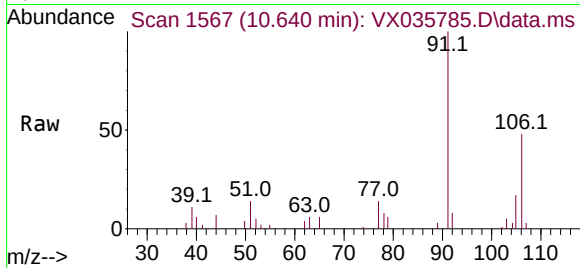




#69
o-Xylene
Concen: 0.565 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

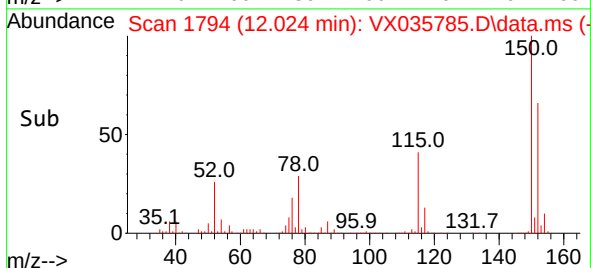
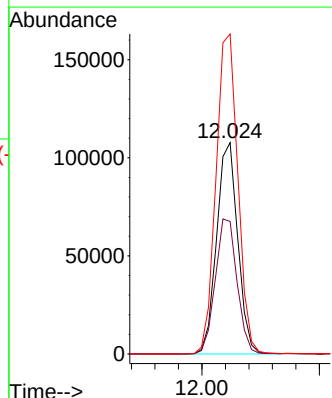
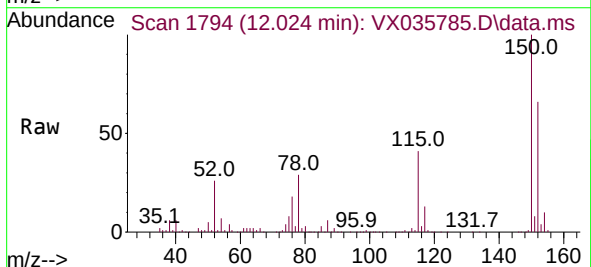
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

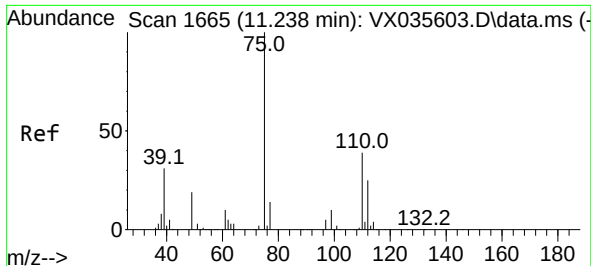
Tgt Ion:106 Resp: 2617
Ion Ratio Lower Upper
106 100
91 227.2 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

Tgt Ion:152 Resp: 134863
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 156.6 0.0 352.4

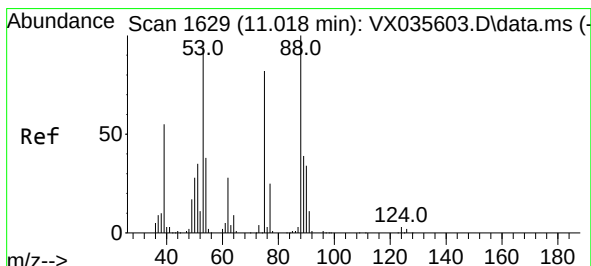
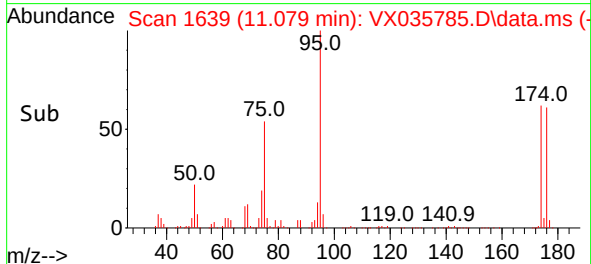
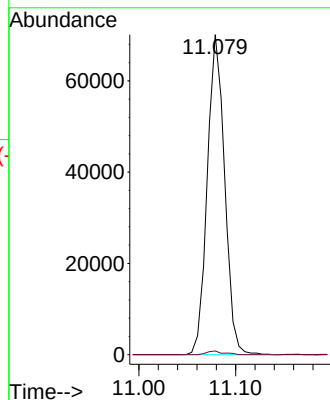
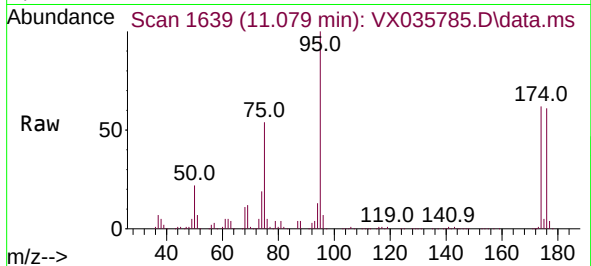




#76
1,2,3-Trichloropropane
Concen: 26.545 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

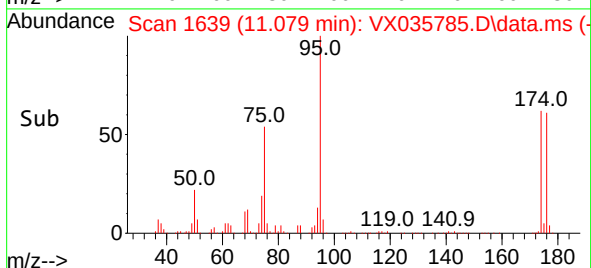
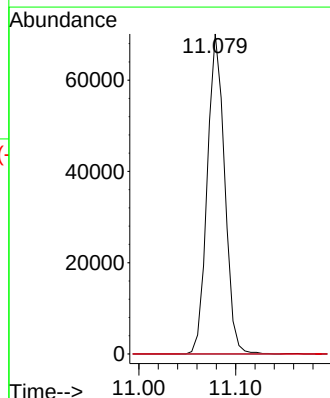
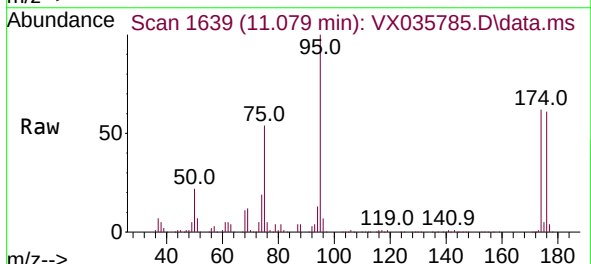
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-03-05182023

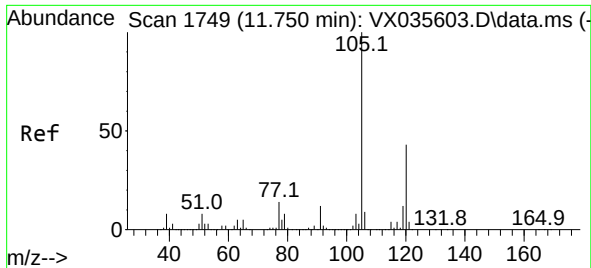
Tgt Ion: 75 Resp: 87565
Ion Ratio Lower Upper
75 100
77 1.1 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.549 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035785.D
Acq: 22 May 2023 15:25

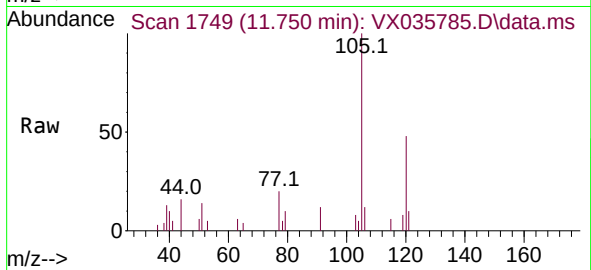
Tgt Ion: 75 Resp: 87565
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.298 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX035785.D
 Acq: 22 May 2023 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-03-05182023



Tgt Ion:105 Resp: 2889
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.4 67.0

