

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032294.D
 Acq On : 21 Oct 2022 17:19
 Operator : JC/MD
 Sample : N5248-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-20221018

Quant Time: Oct 22 05:12:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

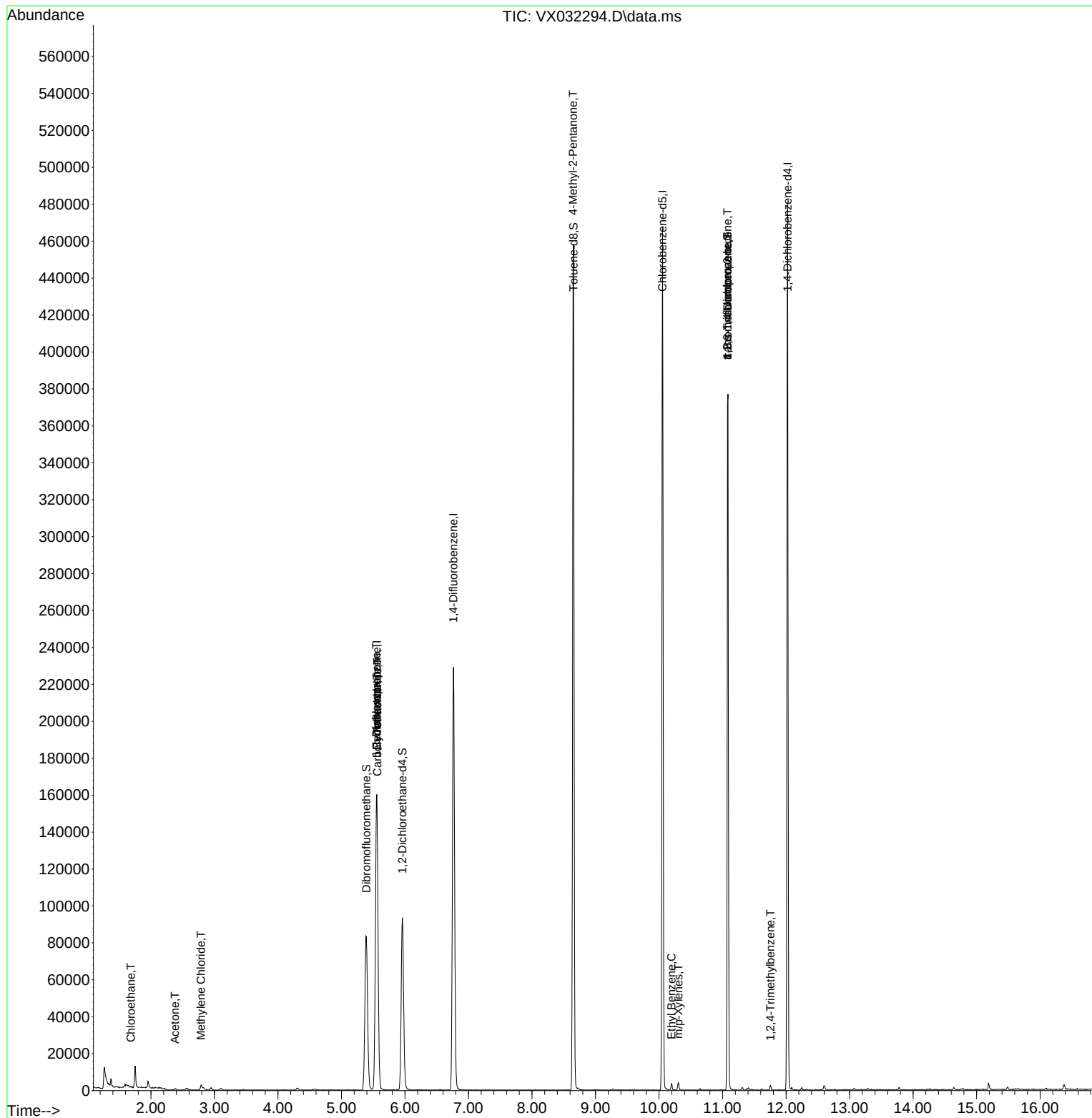
Internal Standards						
1) Pentafluorobenzene	5.556	168	150212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	200778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94681	48.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.900%
35) Dibromofluoromethane	5.391	113	72477	45.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.240%
50) Toluene-d8	8.653	98	270098	47.229	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.460%
62) 4-Bromofluorobenzene	11.079	95	97488	46.552	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	359	Below Cal	#	44
6) Chloroethane	1.685	64	321	2.160	ug/l #	41
11) Tert butyl alcohol	2.953	59	830	Below Cal	#	74
16) Acetone	2.380	43	885	1.396	ug/l	90
20) Methylene Chloride	2.788	84	1120	0.688	ug/l #	86
31) Cyclohexane	5.556	56	3609	1.616	ug/l #	39
36) 1,1-Dichloropropene	5.550	75	11954	5.849	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15827	7.336	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1314	0.667	ug/l #	1
67) Ethyl Benzene	10.195	91	2269	0.311	ug/l	97
68) m/p-Xylenes	10.305	106	856	0.297	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	54306	28.886	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	54306	88.499	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1433	0.252	ug/l	99

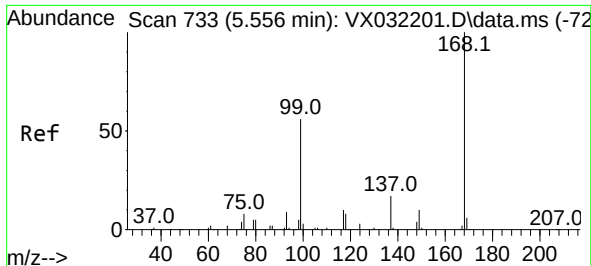
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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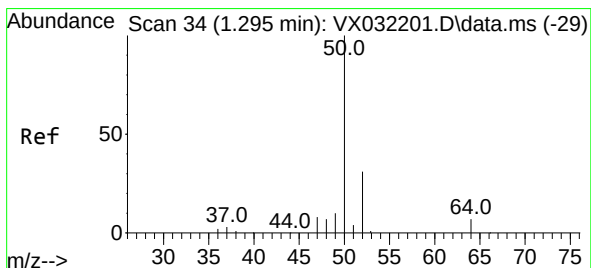
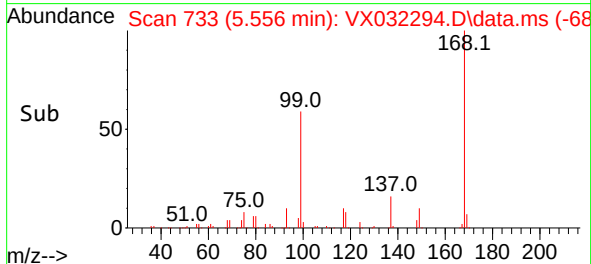
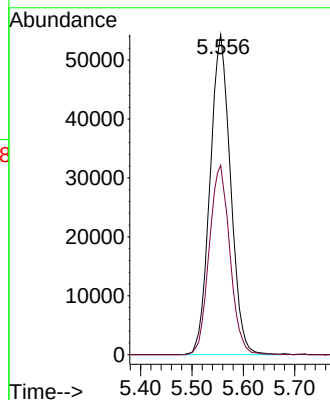
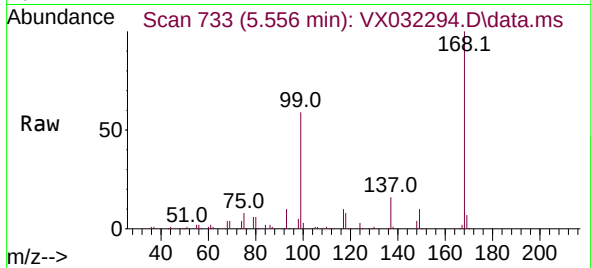




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

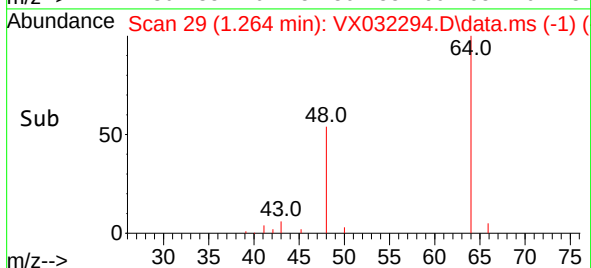
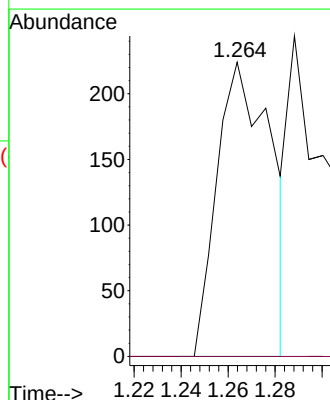
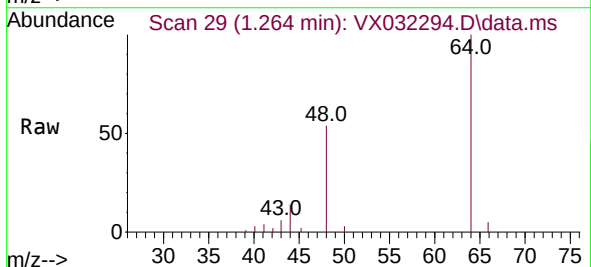
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

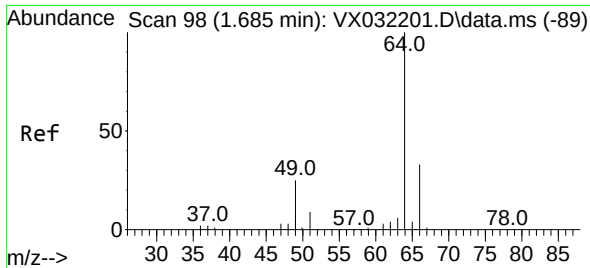
Tgt Ion:168 Resp: 150212
Ion Ratio Lower Upper
168 100
99 59.1 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.264 min Scan# 29
Delta R.T. -0.031 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

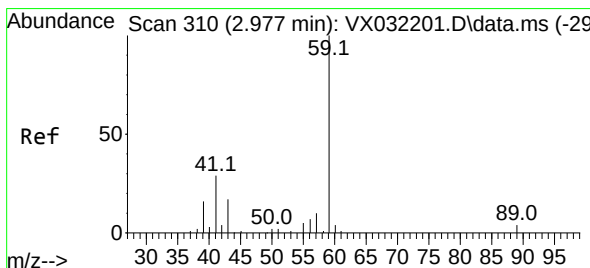
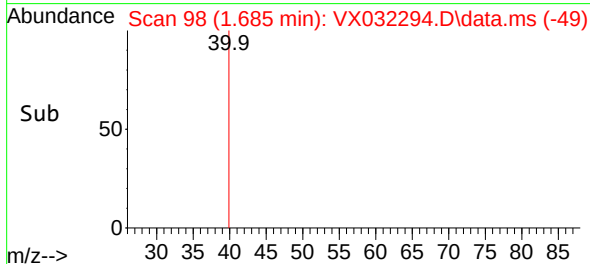
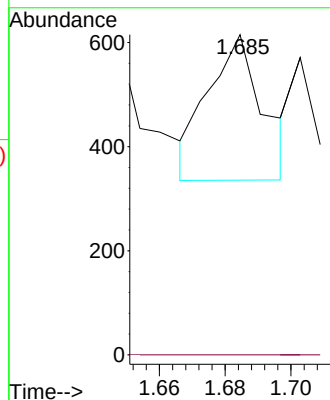
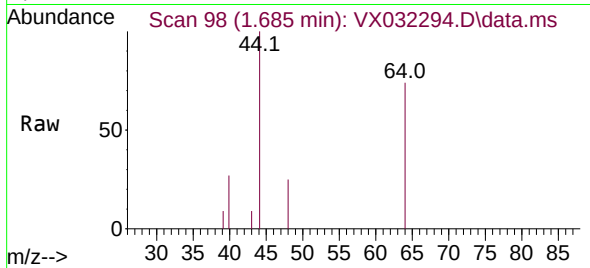




#6
Chloroethane
Concen: 2.160 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

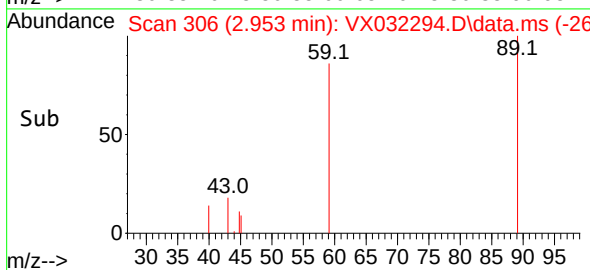
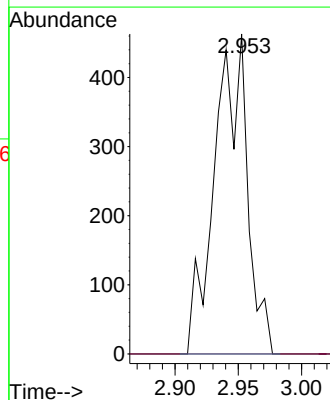
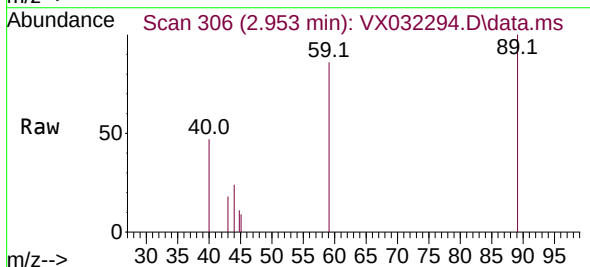
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

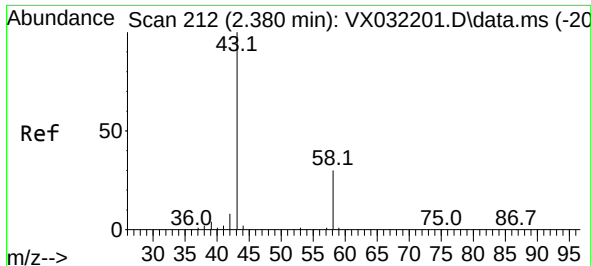
Tgt Ion: 64 Resp: 321
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 59 Resp: 830
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

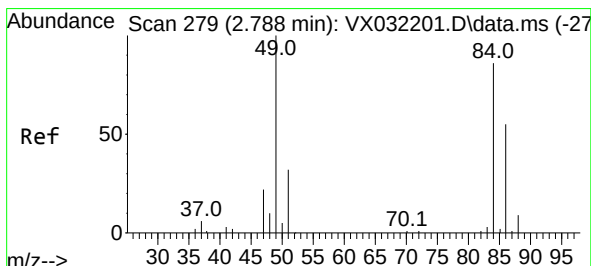
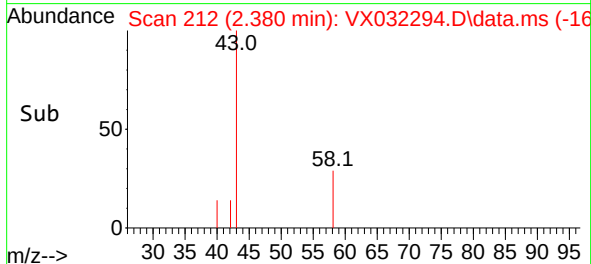
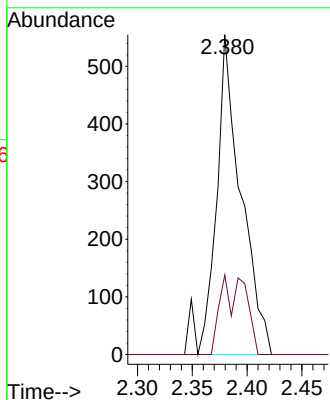
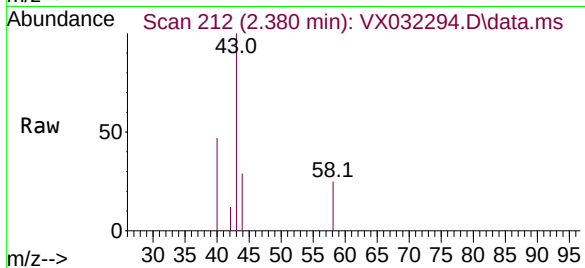




#16
Acetone
Concen: 1.396 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

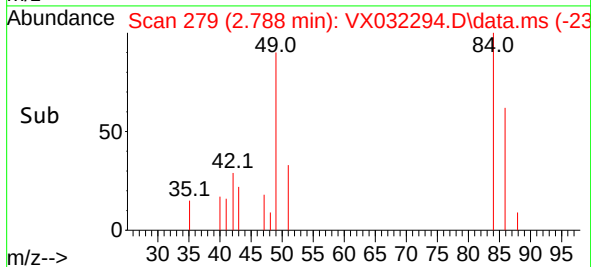
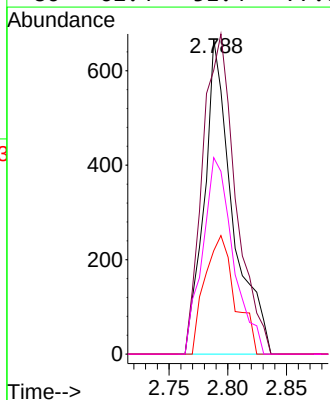
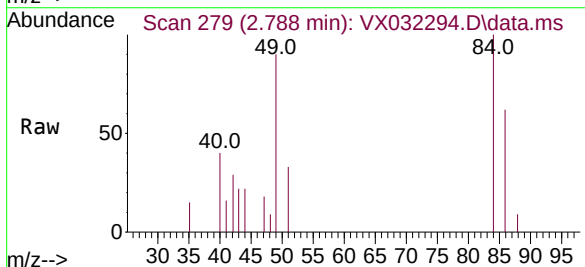
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

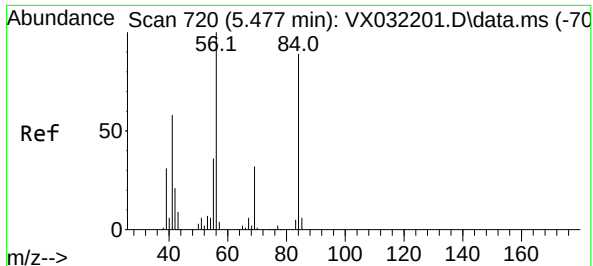
Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 24.9 24.2 36.2



#20
Methylene Chloride
Concen: 0.688 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

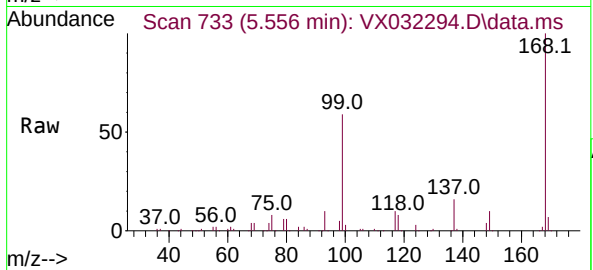
Tgt Ion: 84 Resp: 1120
Ion Ratio Lower Upper
84 100
49 90.1 92.6 139.0#
51 32.8 29.2 43.8
86 62.4 51.4 77.0



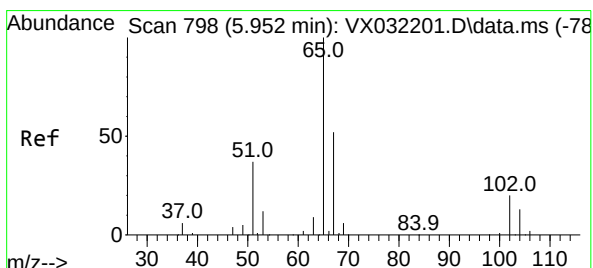
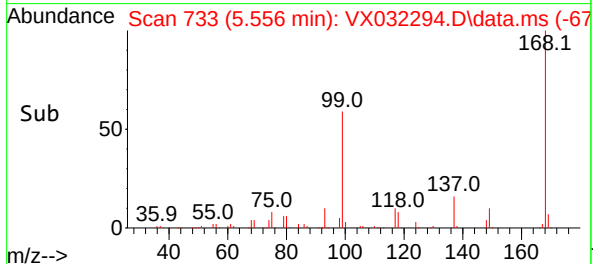
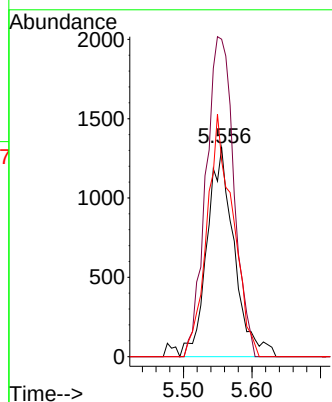


#31
Cyclohexane
Concen: 1.616 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

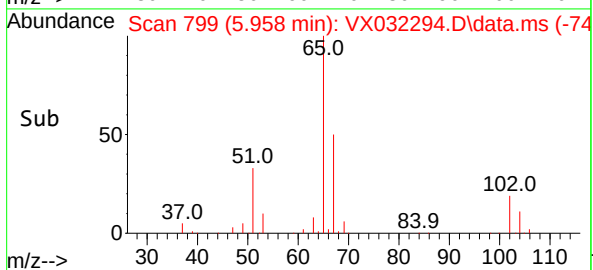
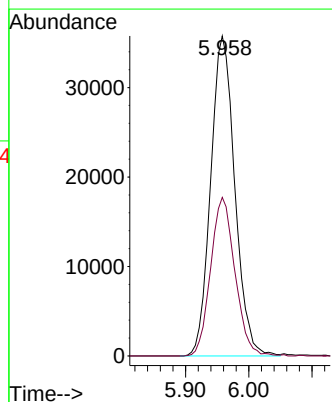
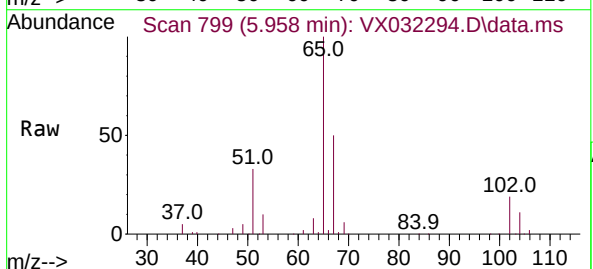


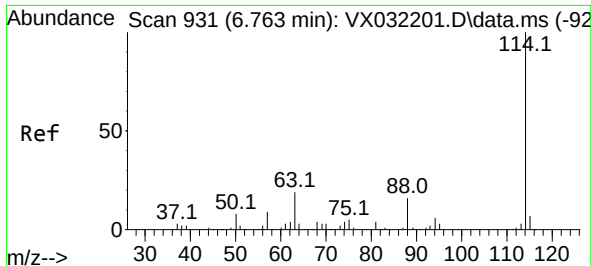
Tgt Ion: 56 Resp: 3609
Ion Ratio Lower Upper
56 100
69 151.9 25.4 38.0#
84 93.8 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 48.452 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 65 Resp: 94681
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.6

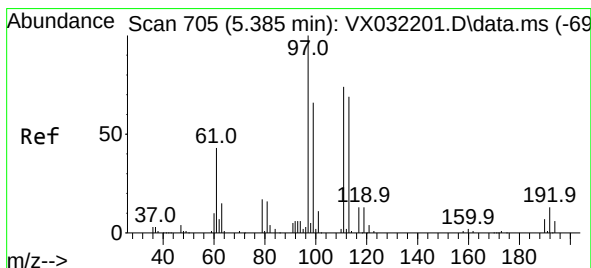
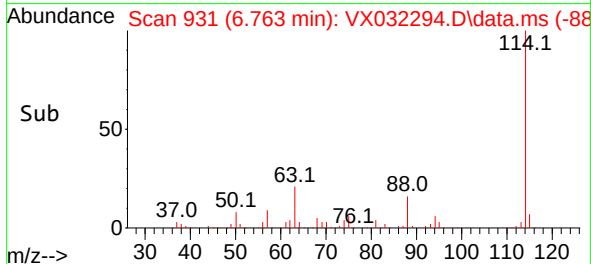
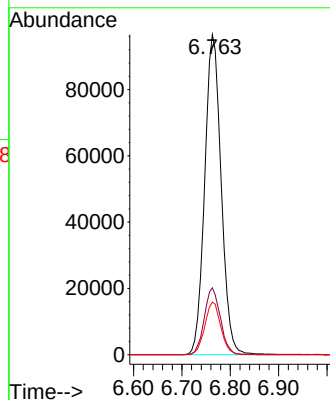
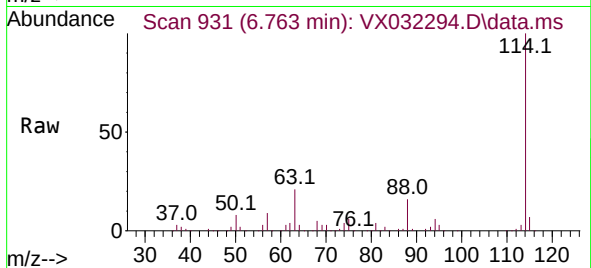




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

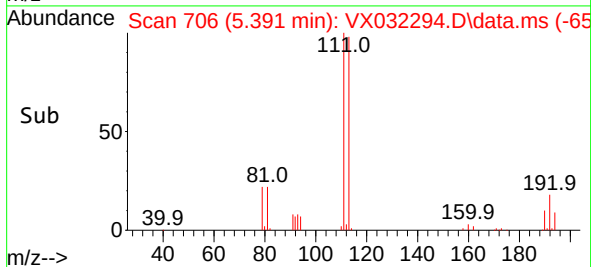
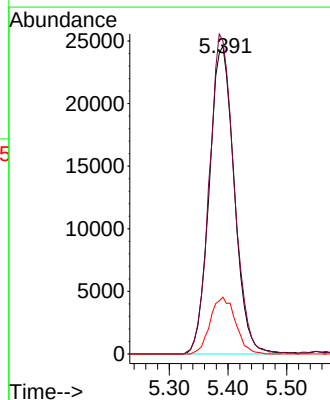
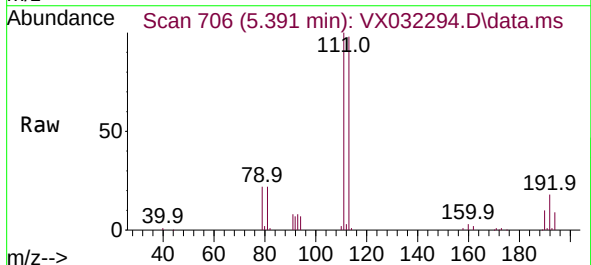
Instrument :
MSVOA_X
ClientSampleId :
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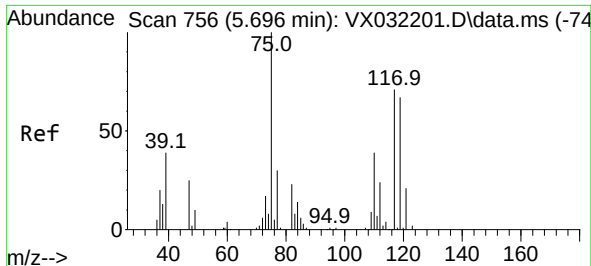
Tgt Ion:114 Resp: 228306
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 16.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.620 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion:113 Resp: 72477
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.7 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.849 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032294.D

Acq: 21 Oct 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-20221018

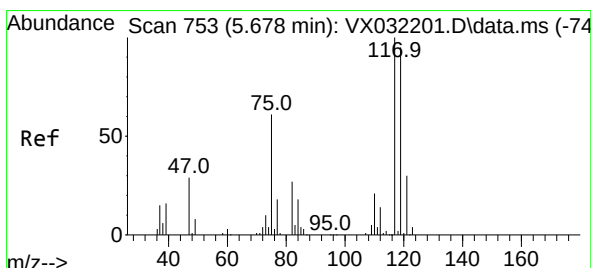
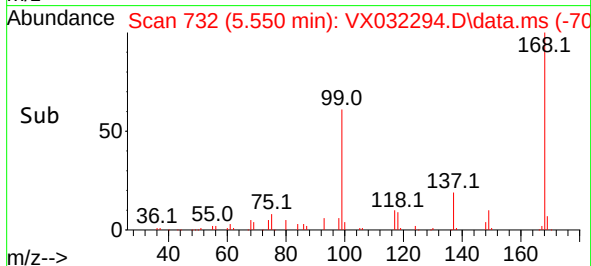
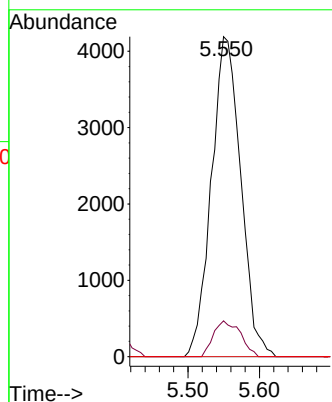
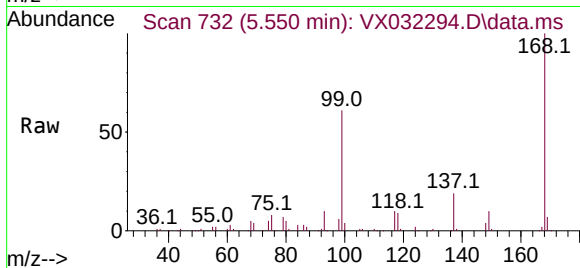
Tgt Ion: 75 Resp: 11954

Ion Ratio Lower Upper

75 100

110 10.2 18.4 55.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.336 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX032294.D

Acq: 21 Oct 2022 17:19

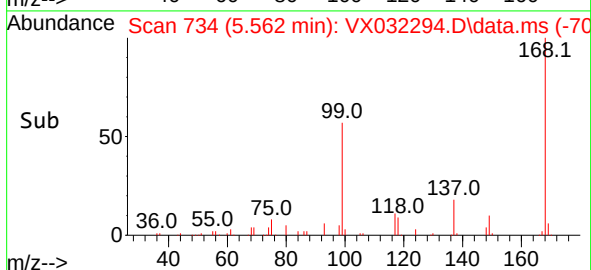
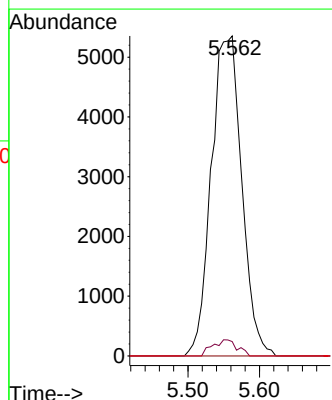
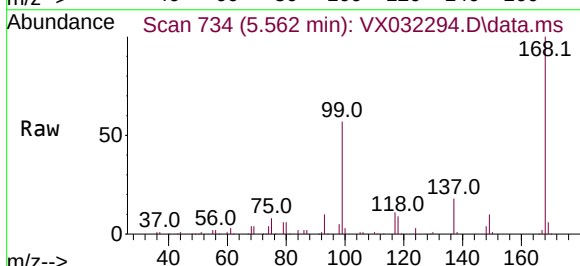
Tgt Ion: 117 Resp: 15827

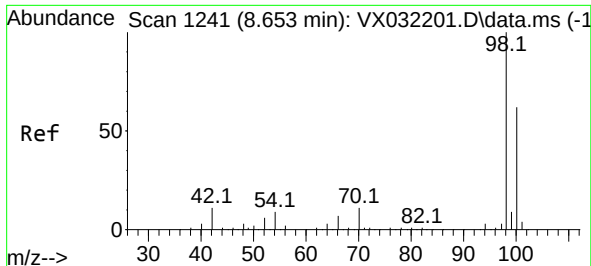
Ion Ratio Lower Upper

117 100

119 4.5 75.4 113.0#

121 0.0 23.9 35.9#

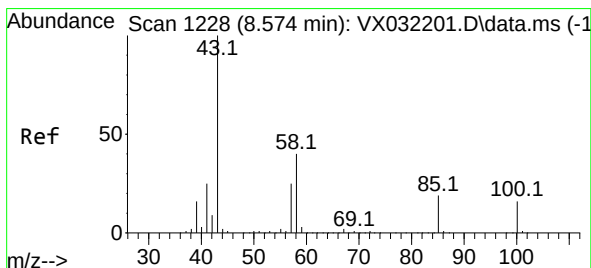
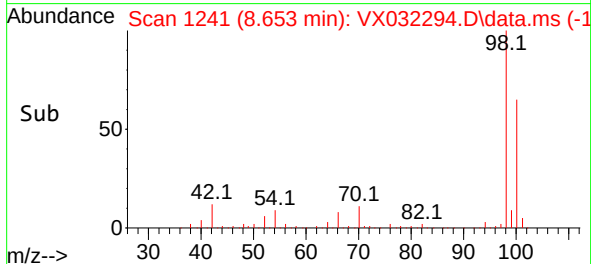
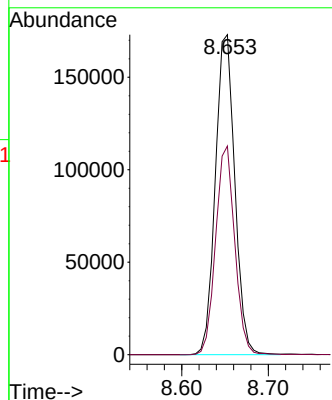
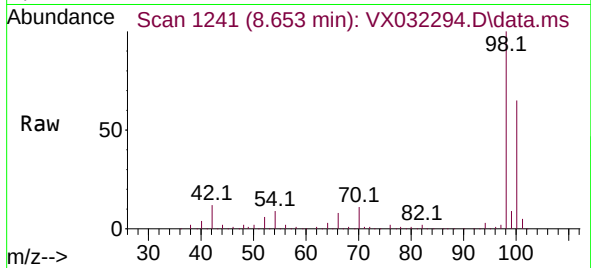




#50
Toluene-d8
Concen: 47.229 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

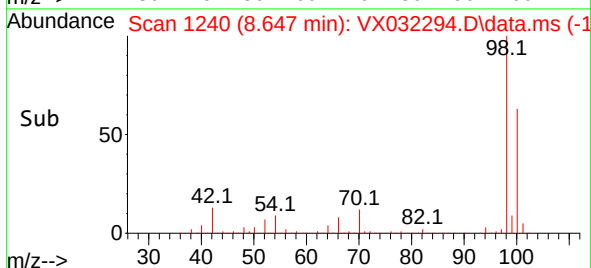
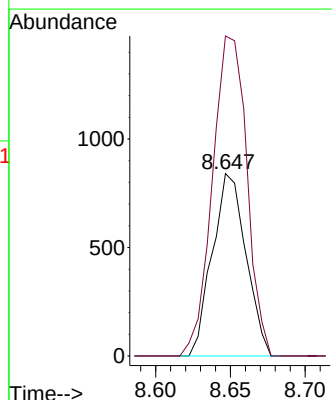
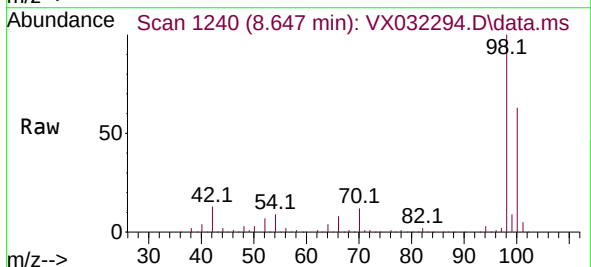
Instrument :
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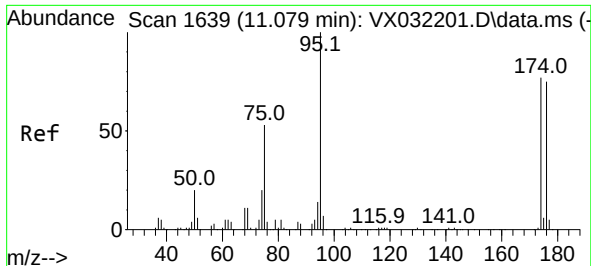
Tgt Ion: 98 Resp: 270098
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 43 Resp: 1314
Ion Ratio Lower Upper
43 100
58 179.5 31.0 46.4#





#62

4-Bromofluorobenzene

Concen: 46.552 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032294.D

Acq: 21 Oct 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

FSND-TB-20221018

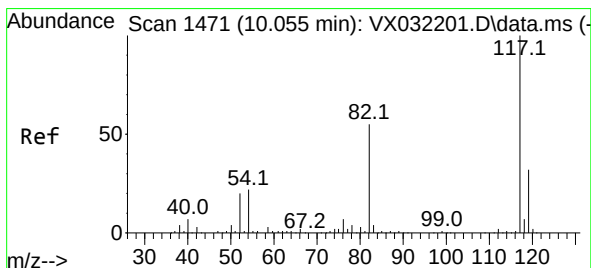
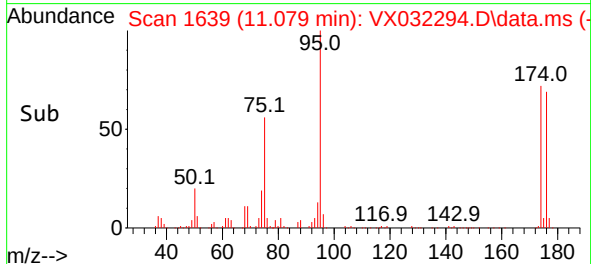
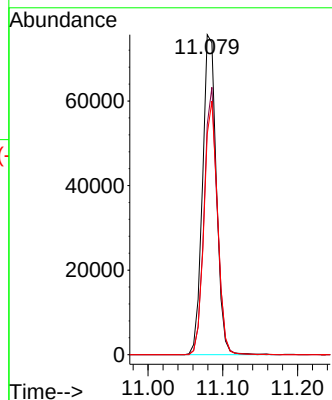
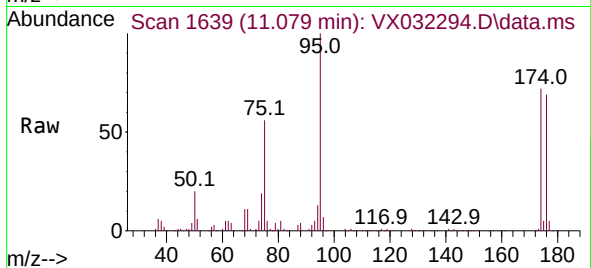
Tgt Ion: 95 Resp: 97488

Ion Ratio Lower Upper

95 100

174 79.1 0.0 166.8

176 77.2 0.0 161.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX032294.D

Acq: 21 Oct 2022 17:19

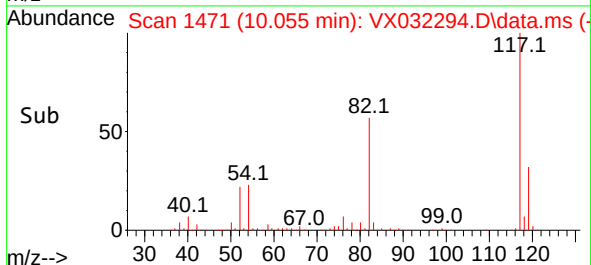
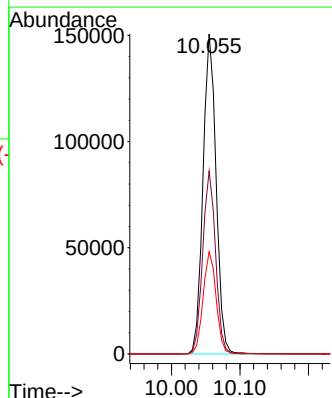
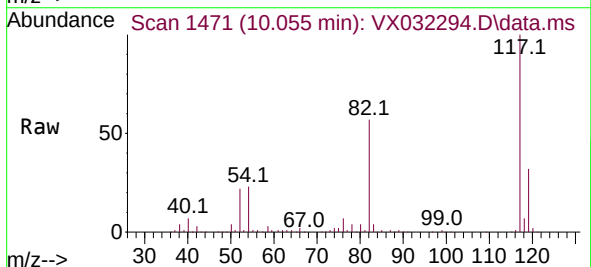
Tgt Ion: 117 Resp: 200778

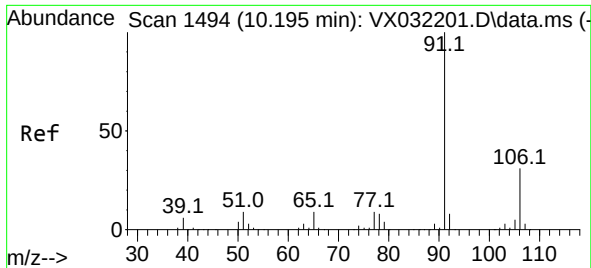
Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.4

119 32.0 25.8 38.8

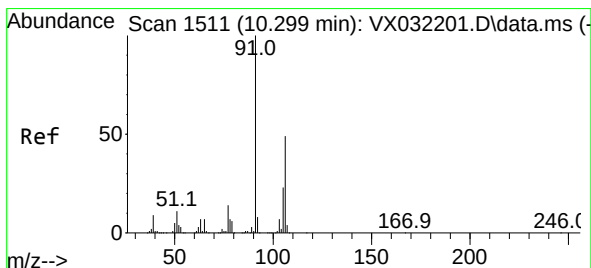
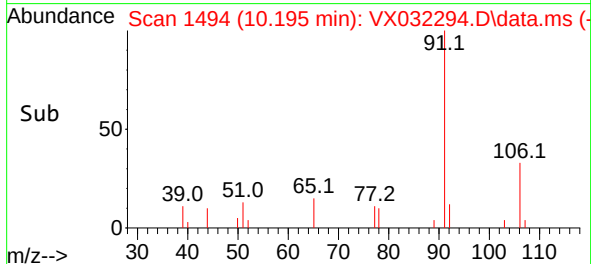
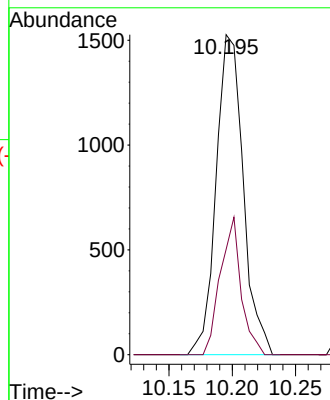
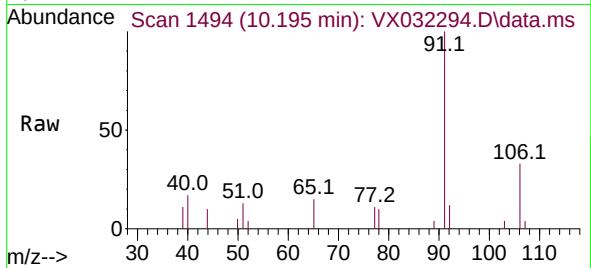




#67
Ethyl Benzene
Concen: 0.311 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

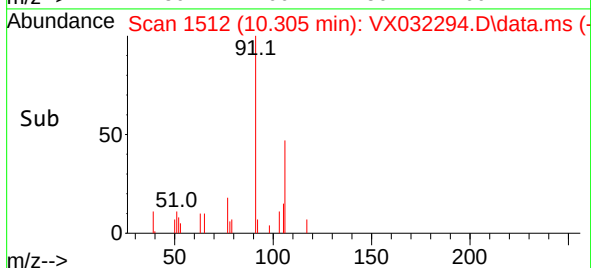
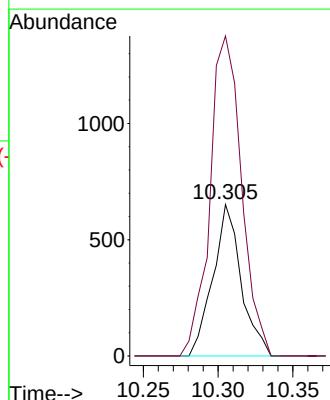
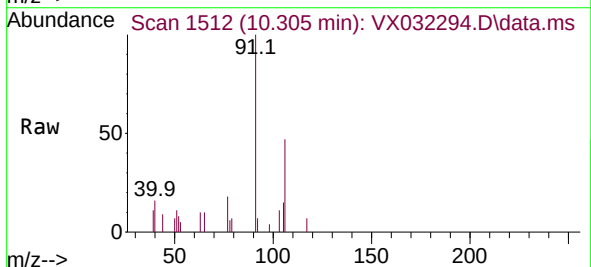
Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

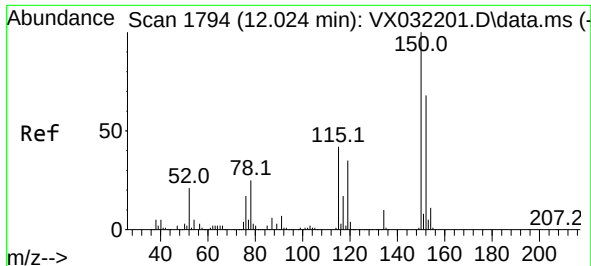
Tgt Ion: 91 Resp: 2269
Ion Ratio Lower Upper
91 100
106 32.9 25.0 37.4



#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 106 Resp: 856
Ion Ratio Lower Upper
106 100
91 236.2 162.6 244.0

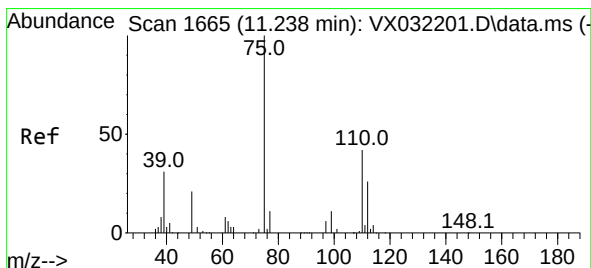
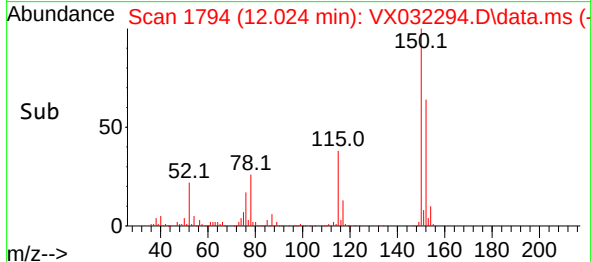
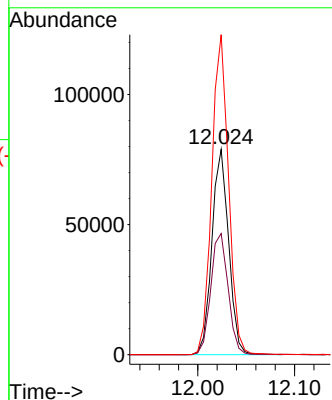
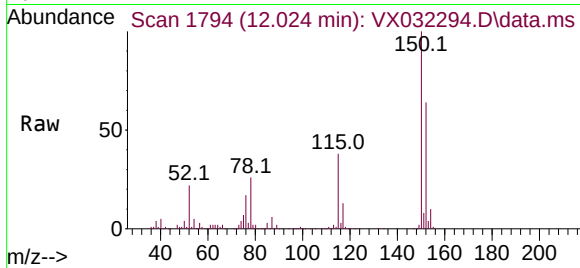




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032294.D
 Acq: 21 Oct 2022 17:19

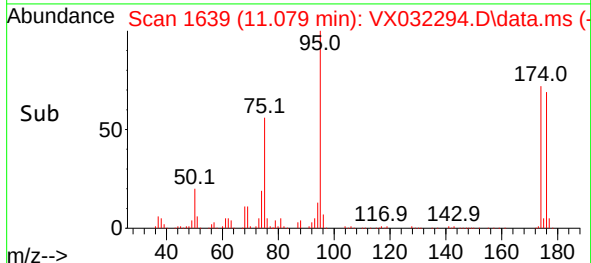
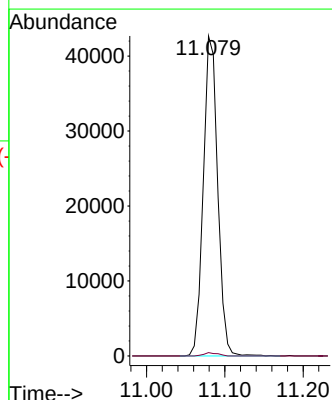
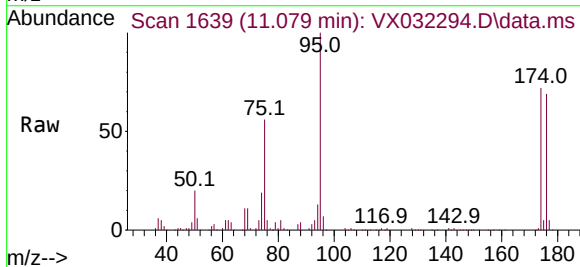
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-TB-20221018

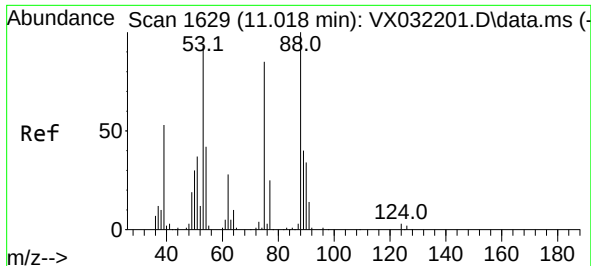
Tgt Ion:152 Resp: 94882
 Ion Ratio Lower Upper
 152 100
 115 61.2 43.1 129.4
 150 156.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 28.886 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032294.D
 Acq: 21 Oct 2022 17:19

Tgt Ion: 75 Resp: 54306
 Ion Ratio Lower Upper
 75 100
 77 1.0 16.0 47.9#

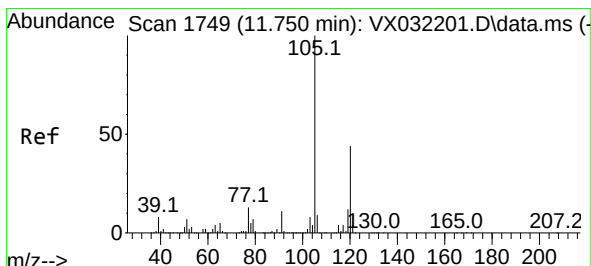
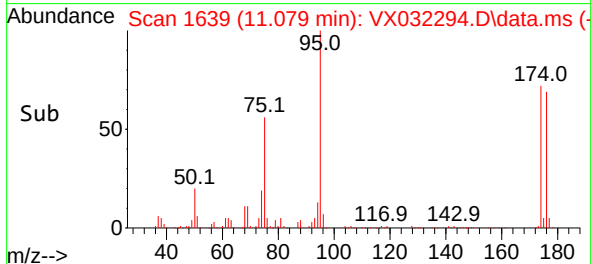
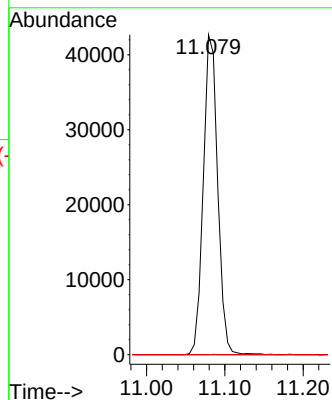
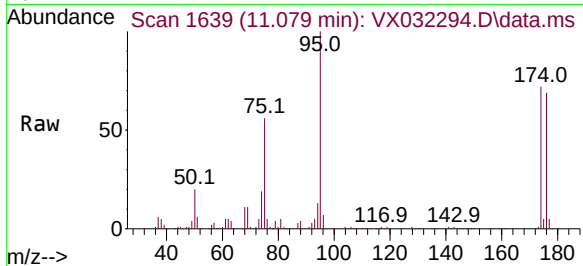




#81
trans-1,4-Dichloro-2-butene
Concen: 88.499 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
FSND-TB-20221018

Tgt Ion: 75 Resp: 54306
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.252 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032294.D
Acq: 21 Oct 2022 17:19

Tgt Ion: 105 Resp: 1433
Ion Ratio Lower Upper
105 100
120 43.6 22.1 66.1

