

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032312.D
 Acq On : 22 Oct 2022 01:42
 Operator : JC/MD
 Sample : N5248-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-5-20221018

Quant Time: Oct 22 06:04:28 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)

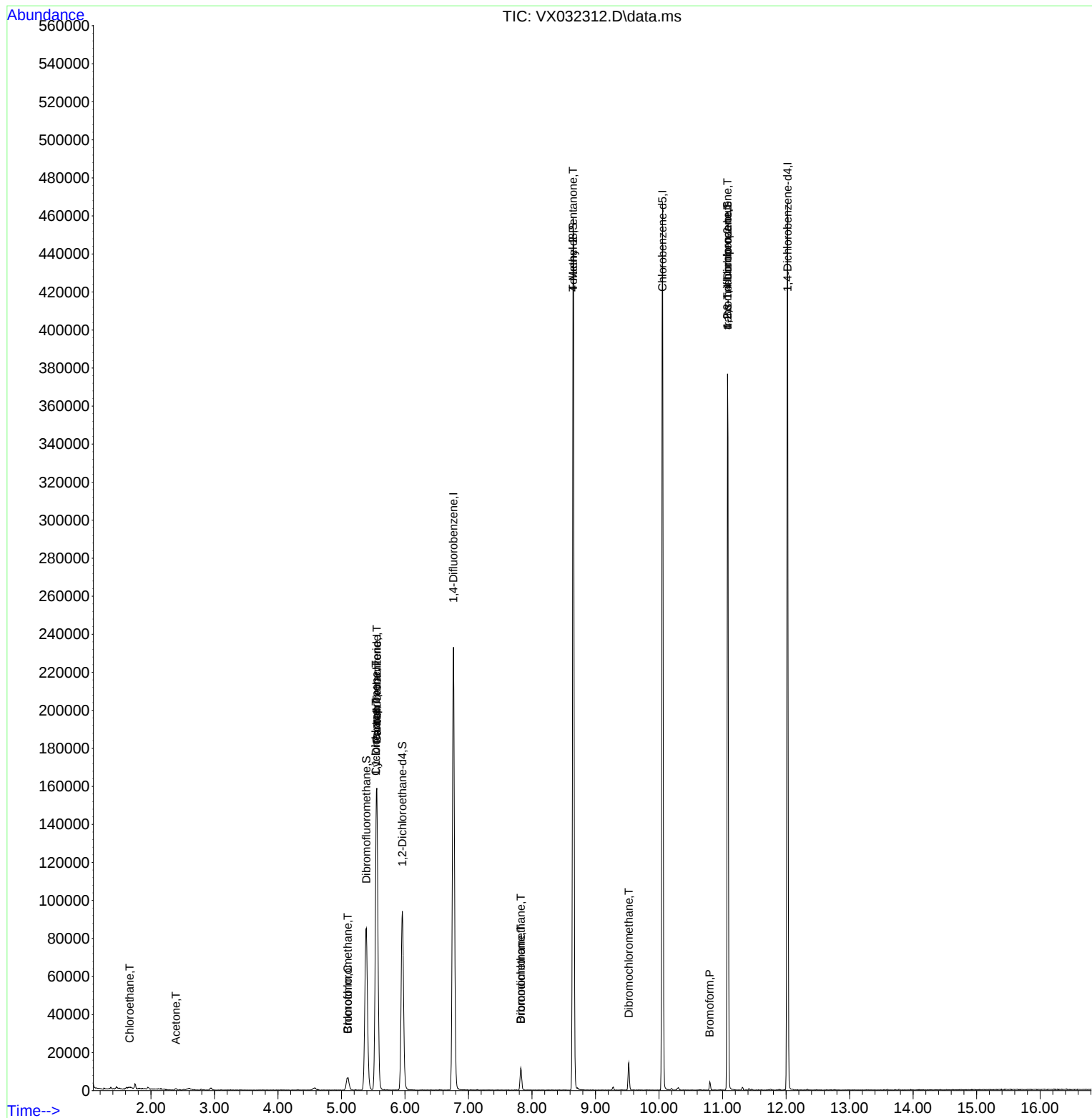
Internal Standards						
1) Pentafluorobenzene	5.556	168	149344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	232460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94503	48.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.280%
35) Dibromofluoromethane	5.391	113	73632	45.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.040%
50) Toluene-d8	8.647	98	271932	46.700	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.400%
62) 4-Bromofluorobenzene	11.079	95	96373	45.198	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	111	Below Cal	#	44
6) Chloroethane	1.666	64	305	2.151	ug/l #	41
11) Tert butyl alcohol	2.953	59	727	Below Cal	#	74
16) Acetone	2.392	43	954	1.513	ug/l #	85
28) Bromochloromethane	5.099	49	693	0.634	ug/l #	9
30) Chloroform	5.099	83	8499	2.948	ug/l	100
31) Cyclohexane	5.544	56	3662	1.649	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	12082	5.806	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15434	7.026	ug/l #	16
46) Dibromomethane	7.824	93	305	0.269	ug/l #	3
47) Bromodichloromethane	7.824	83	7544	3.599	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	1260	0.629	ug/l #	1
60) Dibromochloromethane	9.525	129	6245	3.839	ug/l	99
71) Bromoform	10.799	173	1694	3.436	ug/l #	100
76) 1,2,3-Trichloropropane	11.079	75	51929	28.022	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	51929	85.936	ug/l #	6

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

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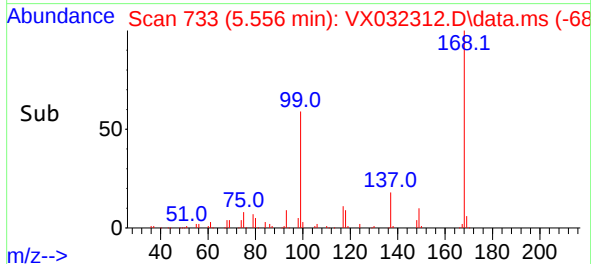
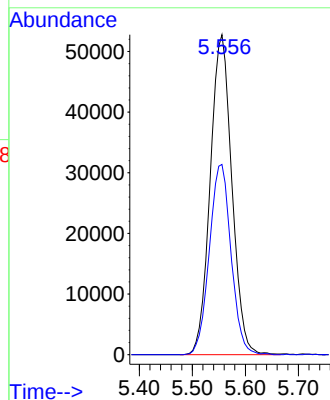
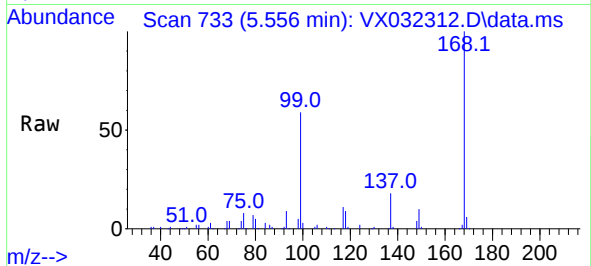




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

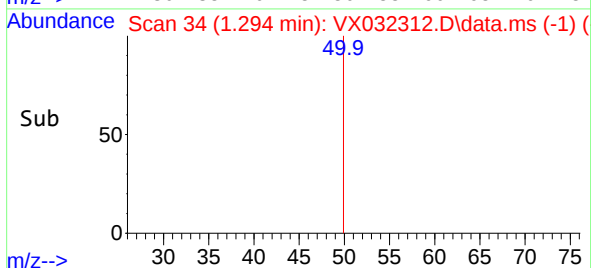
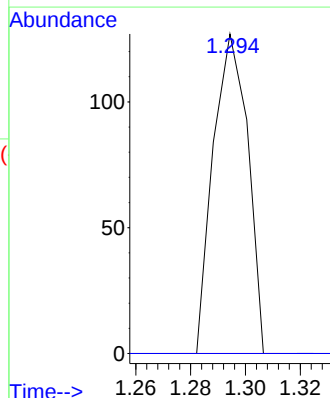
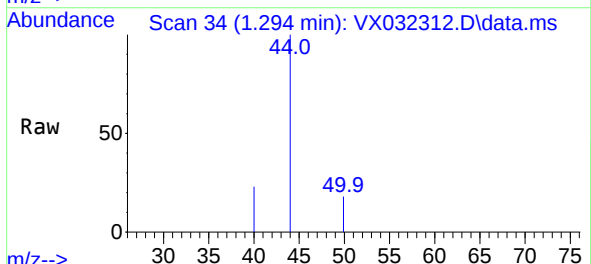
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

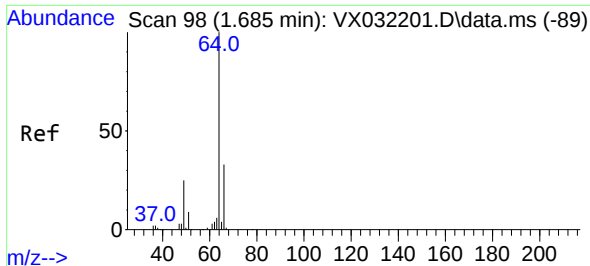
Tgt Ion:168 Resp: 149344
Ion Ratio Lower Upper
168 100
99 59.5 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 50 Resp: 111
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

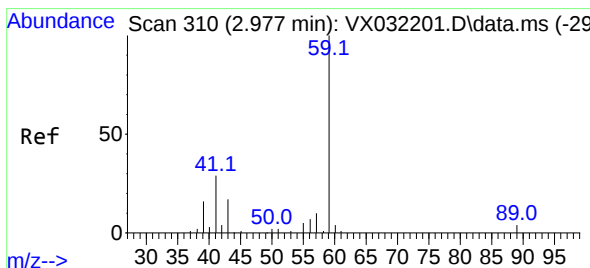
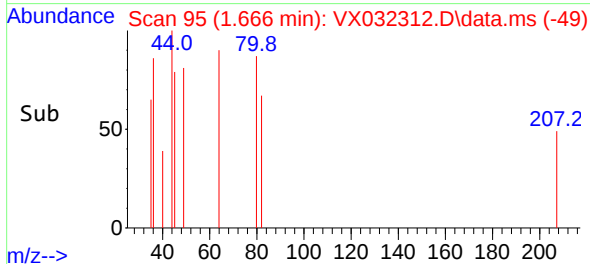
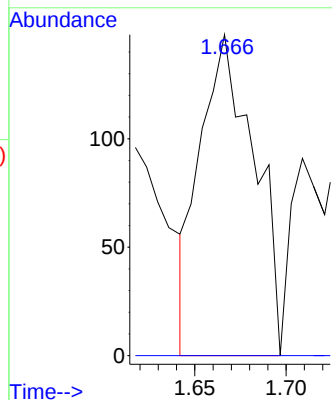
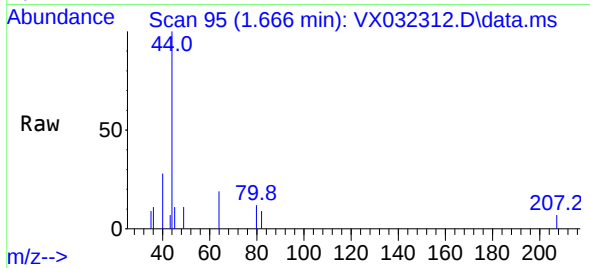




#6
Chloroethane
Concen: 2.151 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

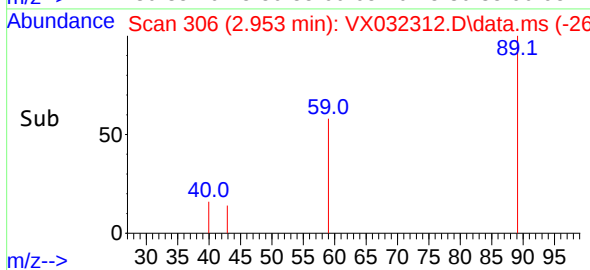
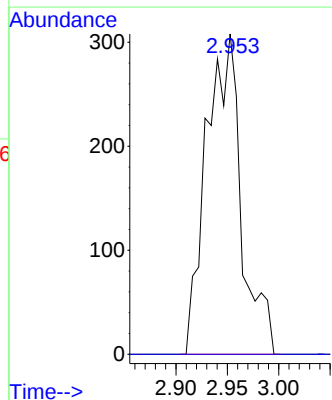
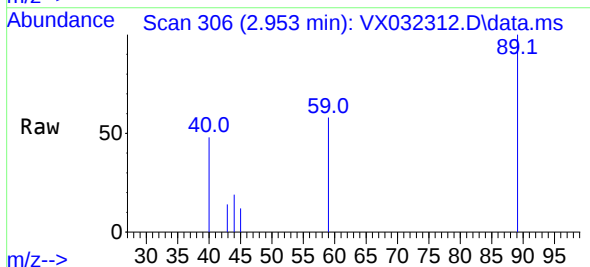
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

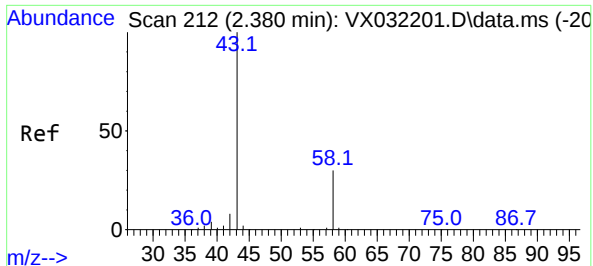
Tgt Ion: 64 Resp: 305
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 59 Resp: 727
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

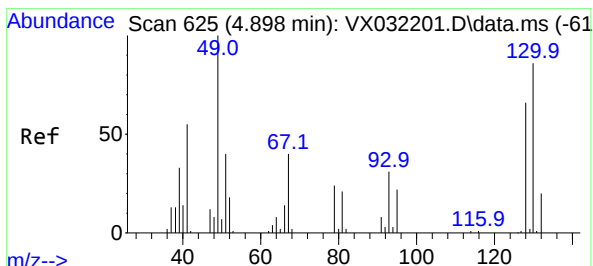
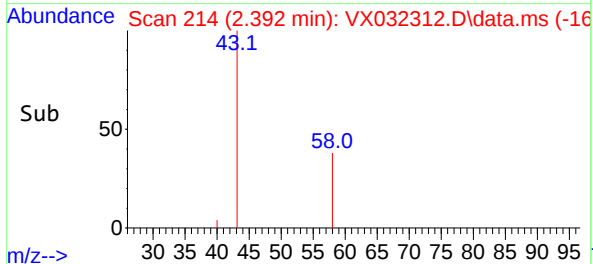
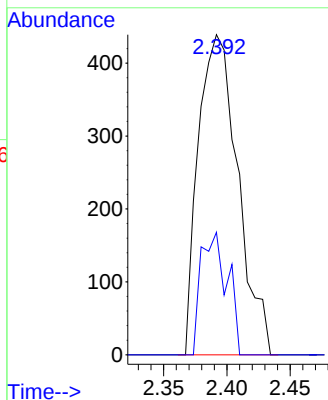
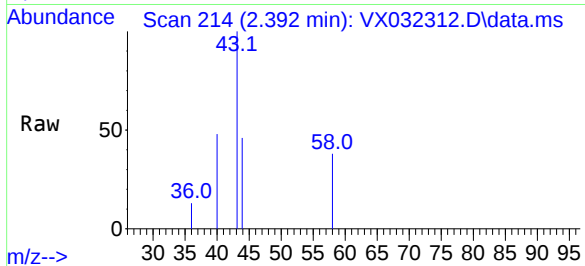




#16
Acetone
Concen: 1.513 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

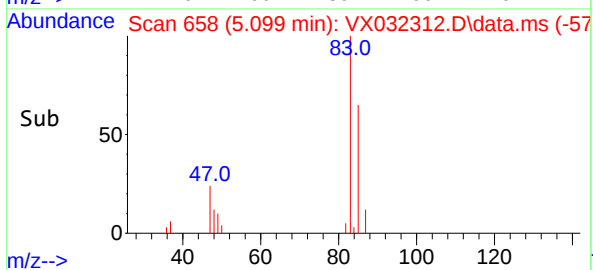
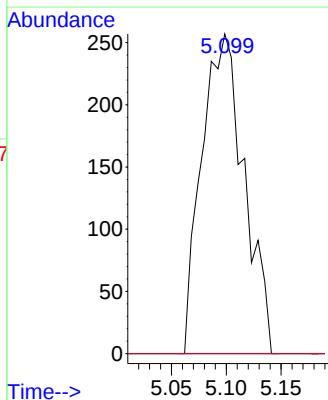
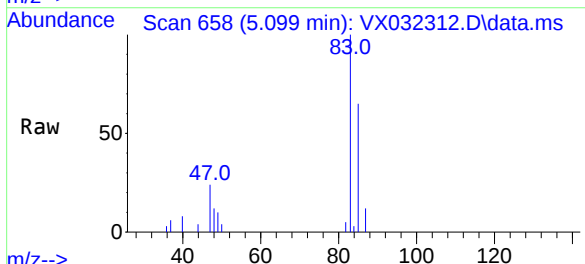
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

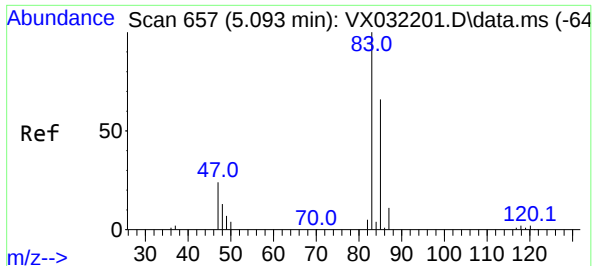
Tgt Ion: 43 Resp: 954
Ion Ratio Lower Upper
43 100
58 38.3 24.2 36.2#



#28
Bromochloromethane
Concen: 0.634 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.201 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 49 Resp: 693
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 0.0 68.3 102.5#





#30

Chloroform

Concen: 2.948 ug/l

RT: 5.099 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

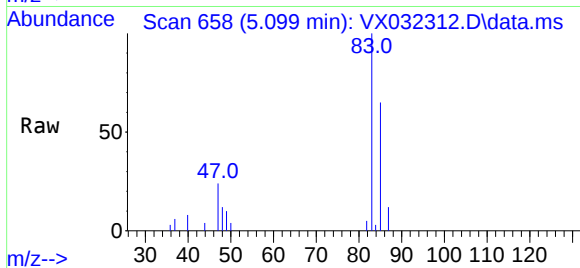
FSND-MW-5-20221018

Tgt Ion: 83 Resp: 8499

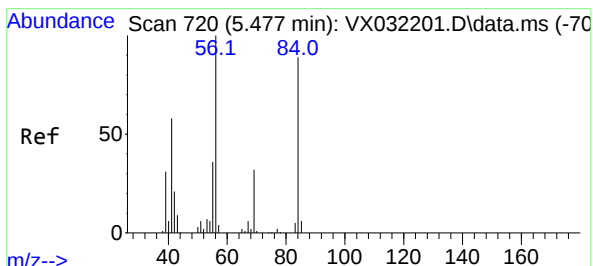
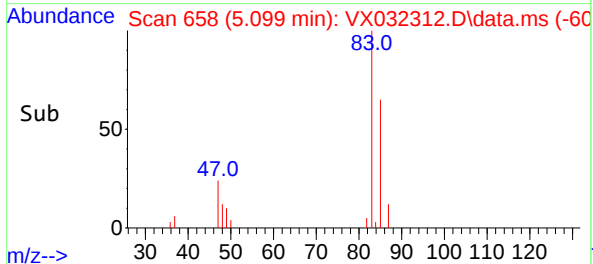
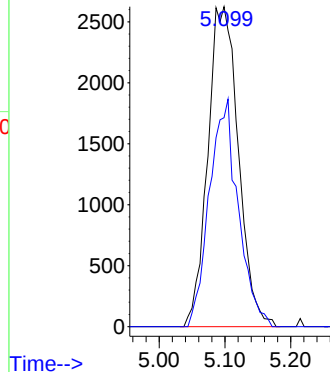
Ion Ratio Lower Upper

83 100

85 65.3 52.5 78.7



Abundance



#31

Cyclohexane

Concen: 1.649 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

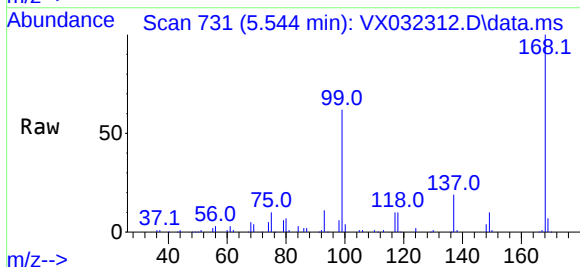
Tgt Ion: 56 Resp: 3662

Ion Ratio Lower Upper

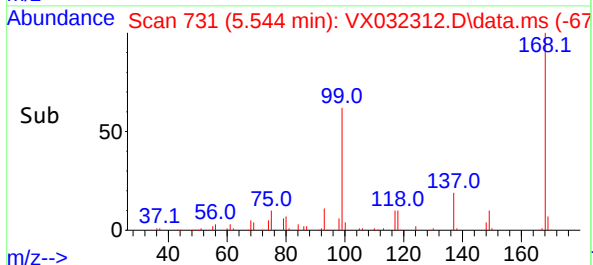
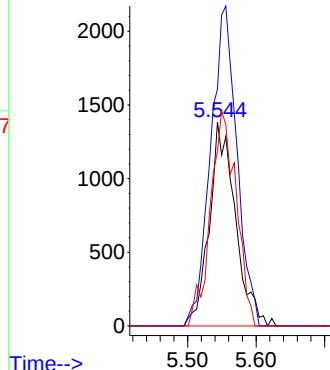
56 100

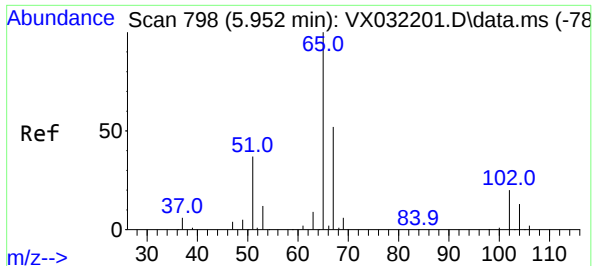
69 116.1 25.4 38.0#

84 85.7 71.2 106.8



Abundance





#33

1,2-Dichloroethane-d4

Concen: 48.642 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

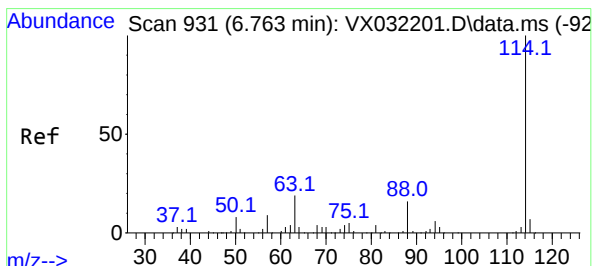
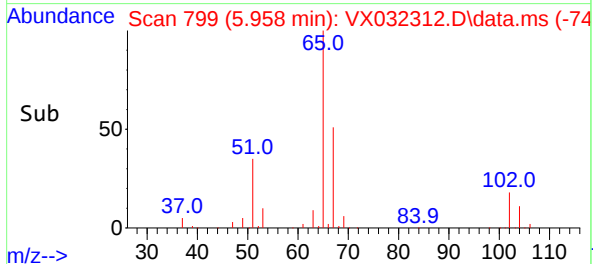
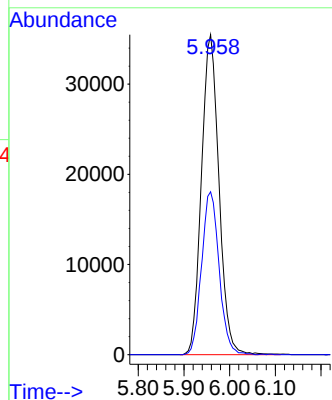
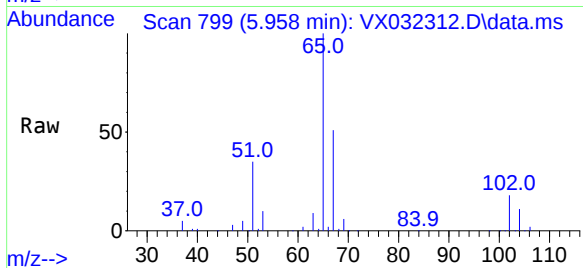
FSND-MW-5-20221018

Tgt Ion: 65 Resp: 94503

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

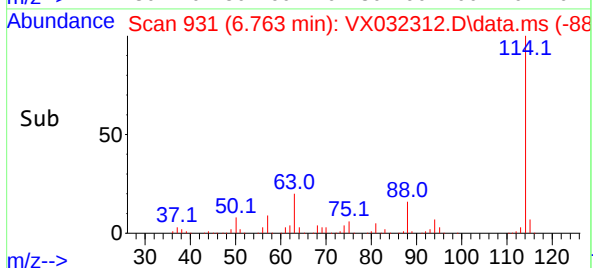
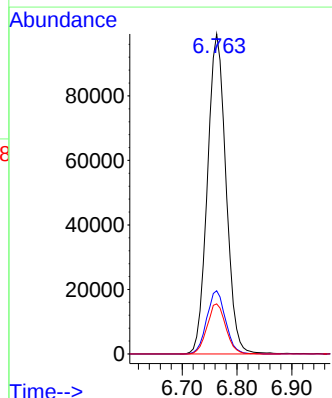
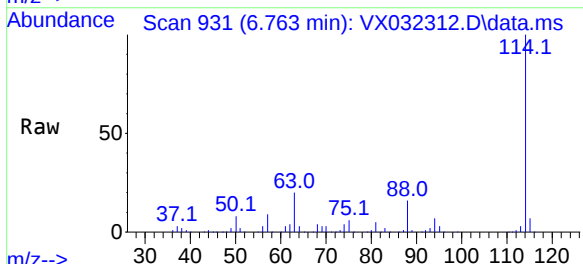
Tgt Ion: 114 Resp: 232460

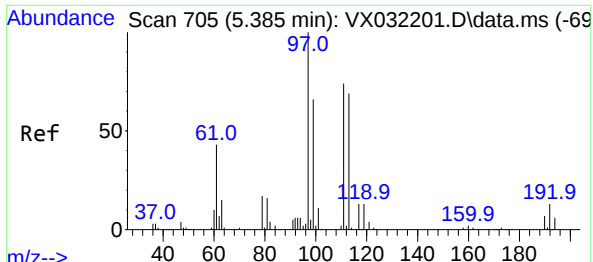
Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.519 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-5-20221018

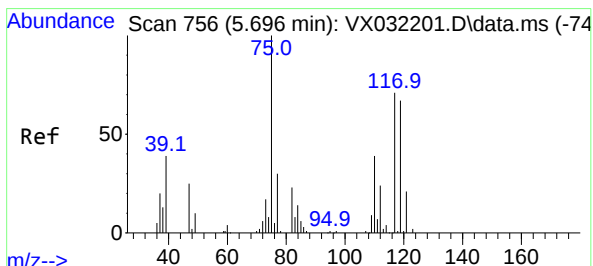
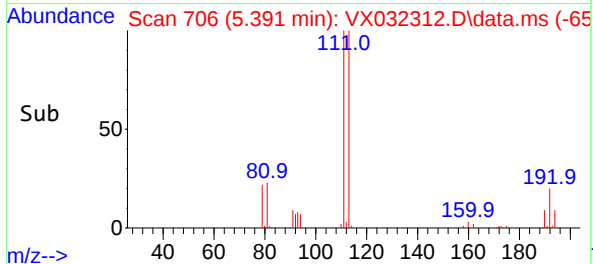
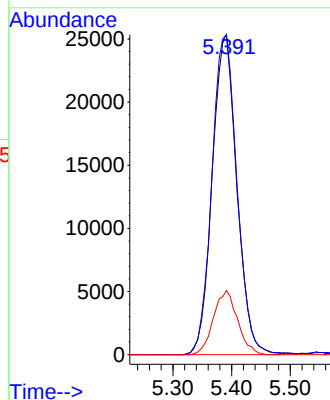
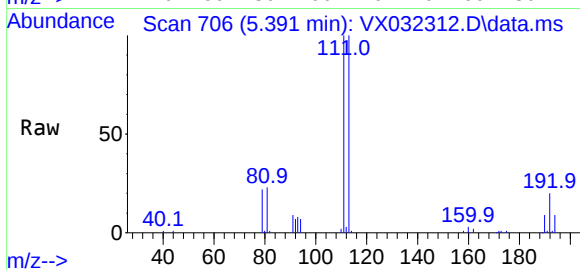
Tgt Ion:113 Resp: 73632

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 19.7 15.5 23.3



#36

1,1-Dichloropropene

Concen: 5.806 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

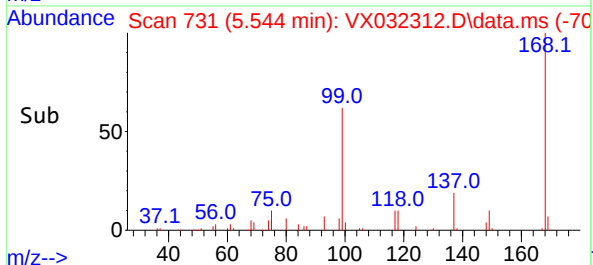
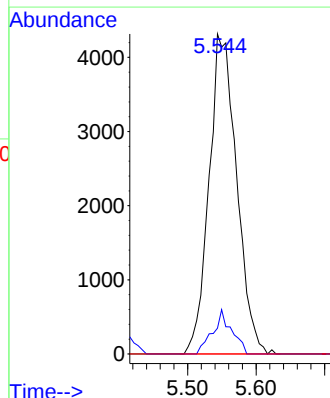
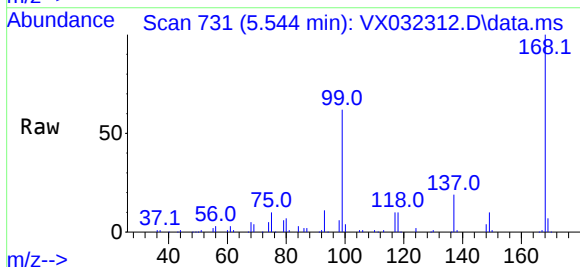
Tgt Ion: 75 Resp: 12082

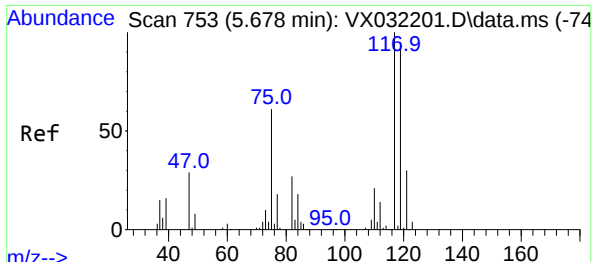
Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.0#

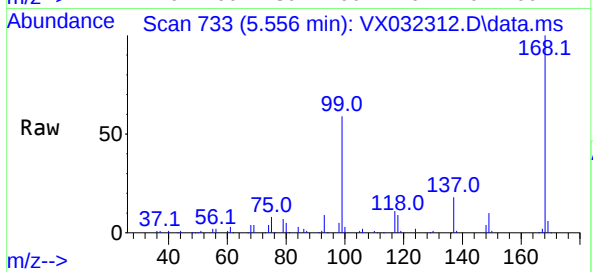
77 0.0 24.7 37.1#



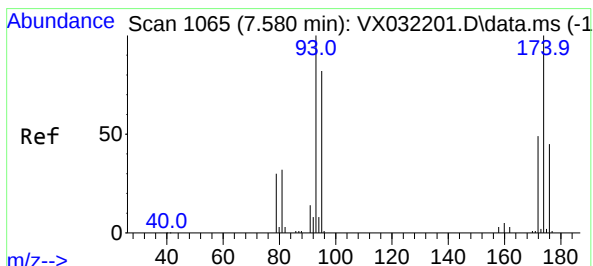
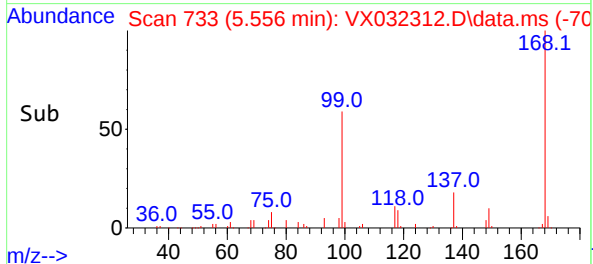
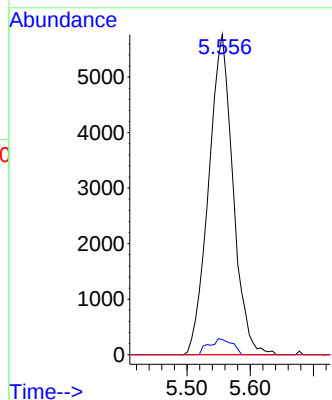


#38
Carbon Tetrachloride
Concen: 7.026 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

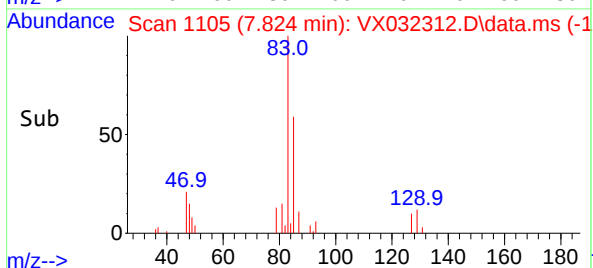
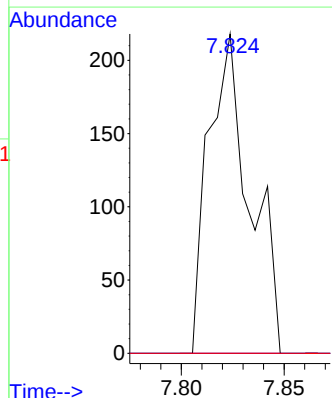
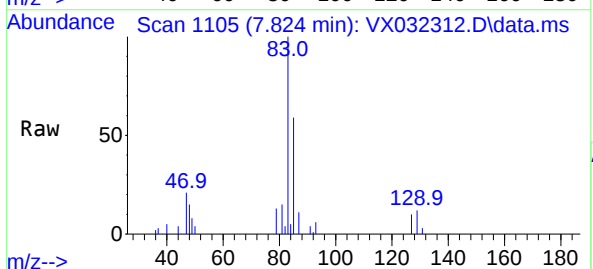


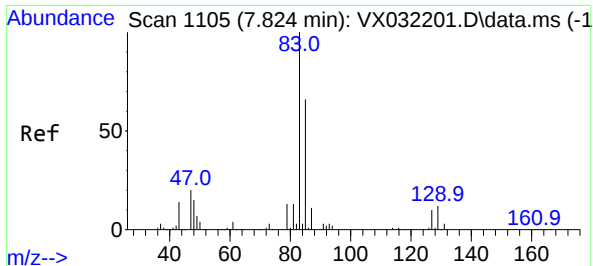
Tgt Ion:117 Resp: 15434
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 23.9 35.9#



#46
Dibromomethane
Concen: 0.269 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.244 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 93 Resp: 305
Ion Ratio Lower Upper
93 100
95 0.0 66.1 99.1#
174 0.0 80.7 121.1#





#47

Bromodichloromethane

Concen: 3.599 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-5-20221018

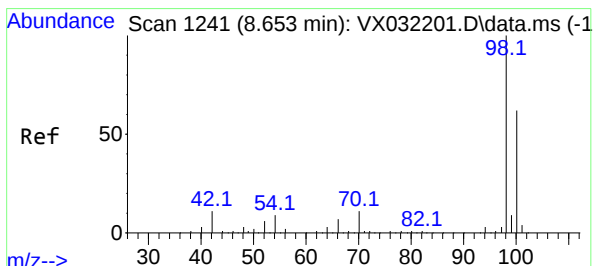
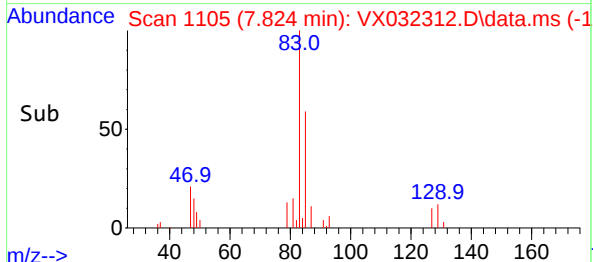
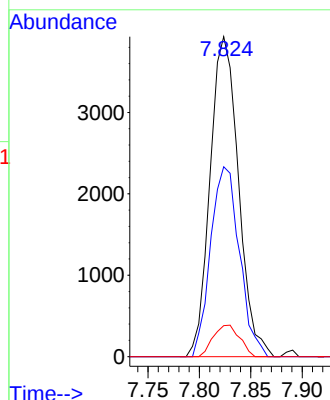
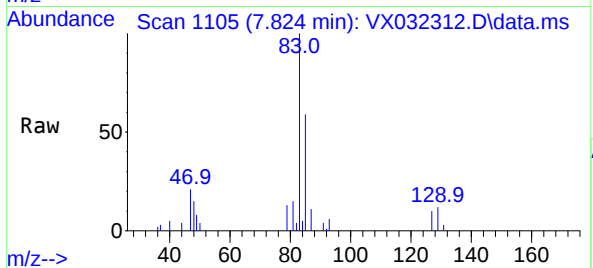
Tgt Ion: 83 Resp: 7544

Ion Ratio Lower Upper

83 100

85 59.4 53.0 79.6

127 9.7 7.8 11.8



#50

Toluene-d8

Concen: 46.700 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032312.D

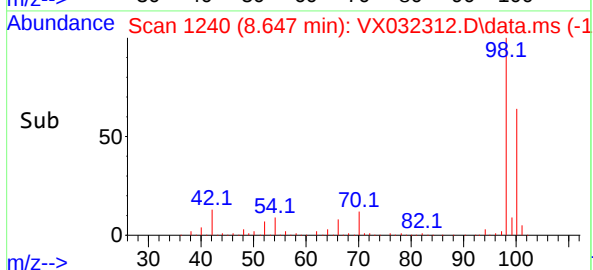
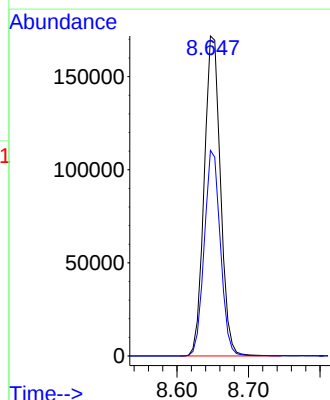
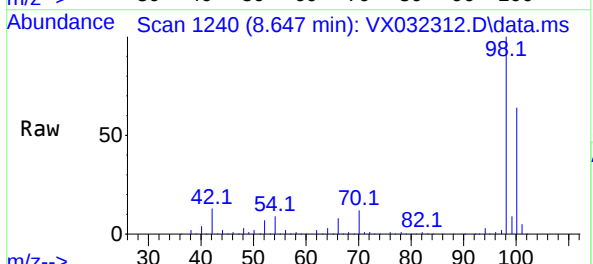
Acq: 22 Oct 2022 01:42

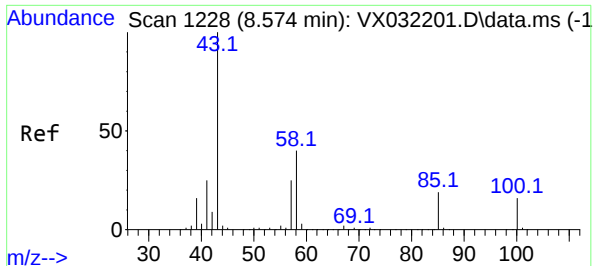
Tgt Ion: 98 Resp: 271932

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.629 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032312.D

Acq: 22 Oct 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

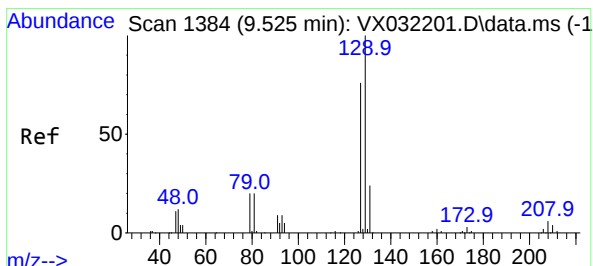
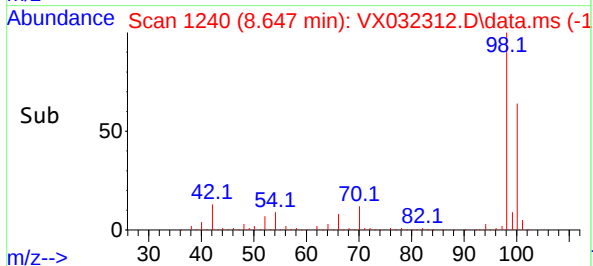
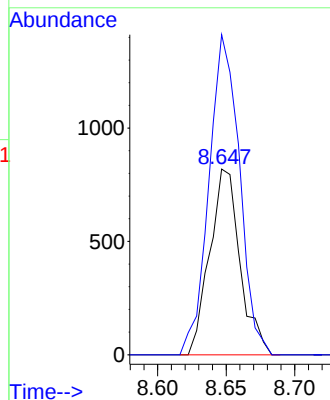
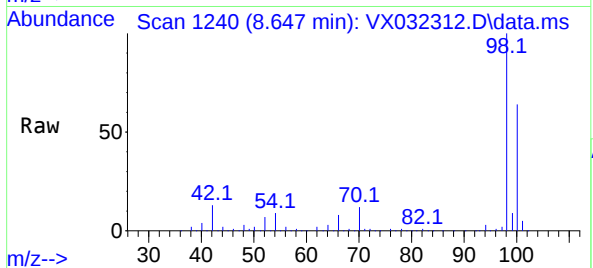
FSND-MW-5-20221018

Tgt Ion: 43 Resp: 1260

Ion Ratio Lower Upper

43 100

58 173.7 31.0 46.4#



#60

Dibromochloromethane

Concen: 3.839 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX032312.D

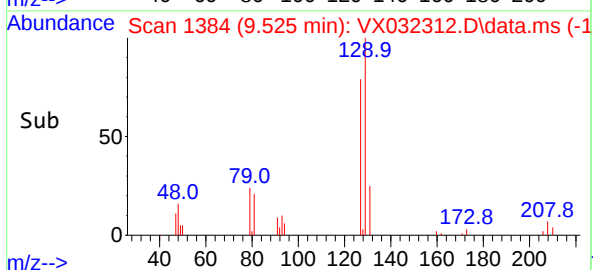
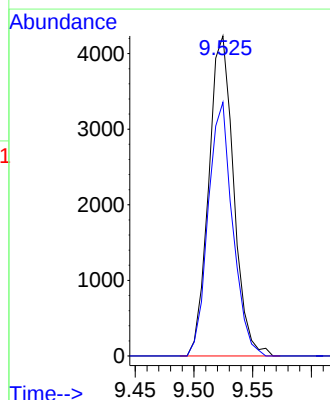
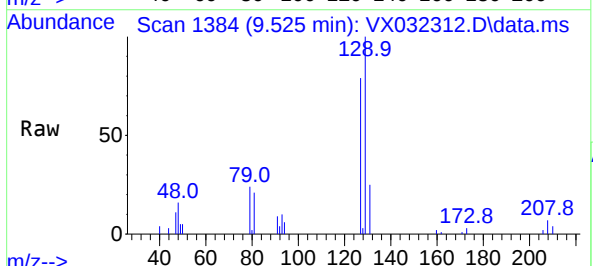
Acq: 22 Oct 2022 01:42

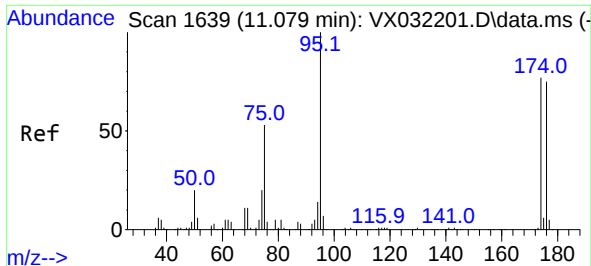
Tgt Ion: 129 Resp: 6245

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.2

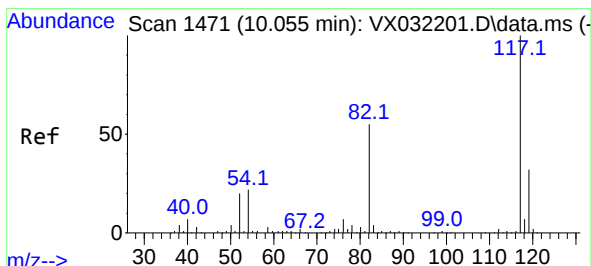
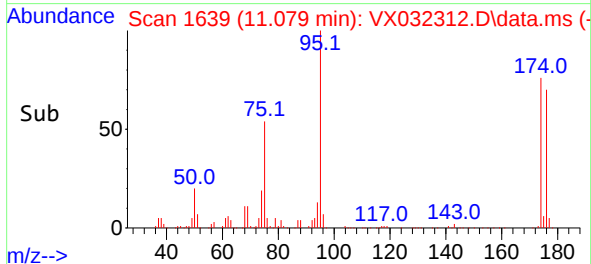
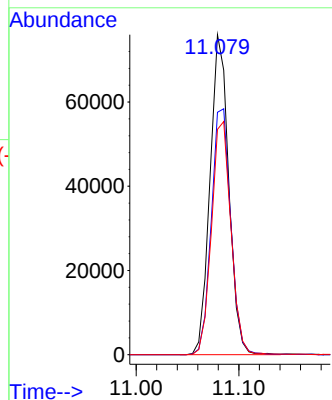
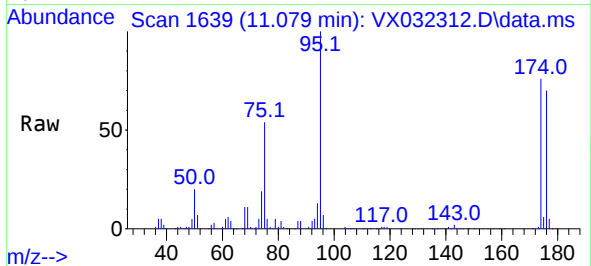




#62
4-Bromofluorobenzene
Concen: 45.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

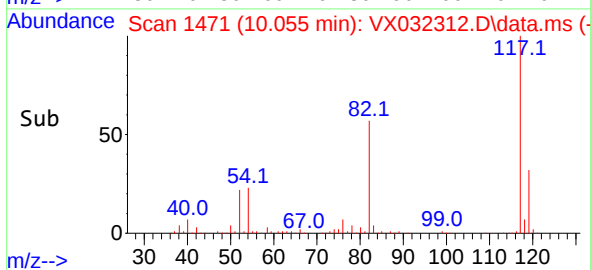
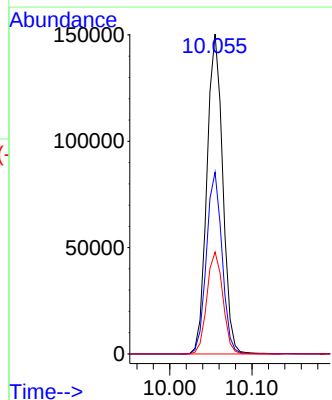
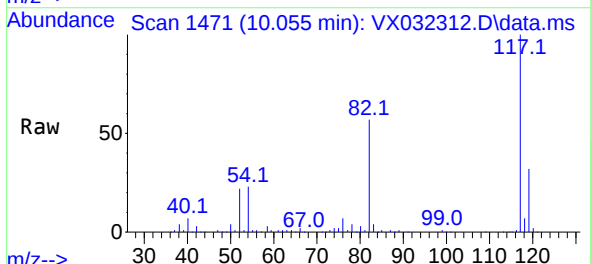
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

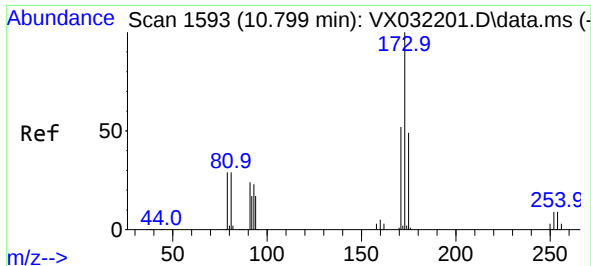
Tgt Ion: 95 Resp: 96373
Ion Ratio Lower Upper
95 100
174 79.9 0.0 166.8
176 75.8 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 117 Resp: 201161
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.4
119 31.9 25.8 38.8

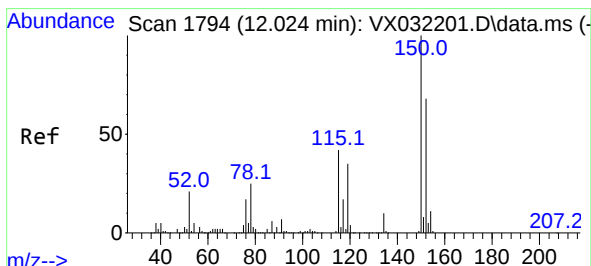
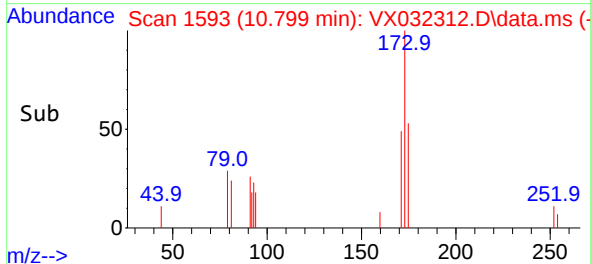
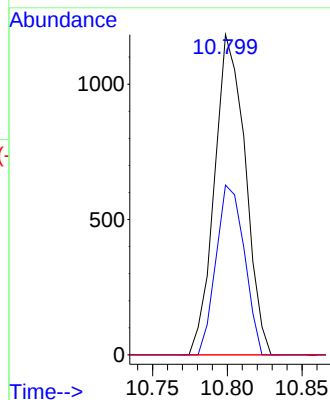
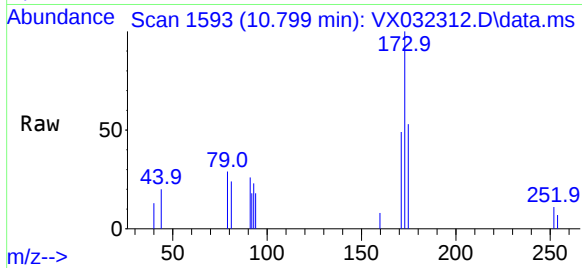




#71
Bromoform
Concen: 3.436 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

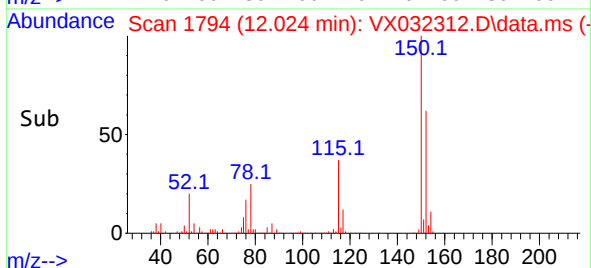
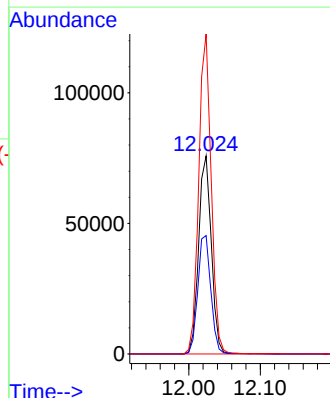
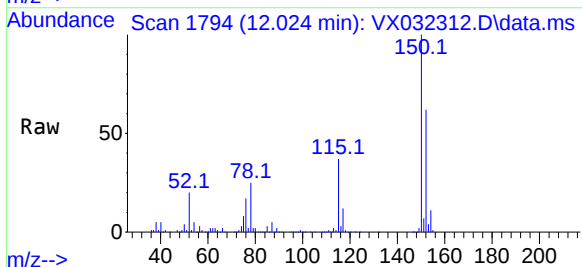
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

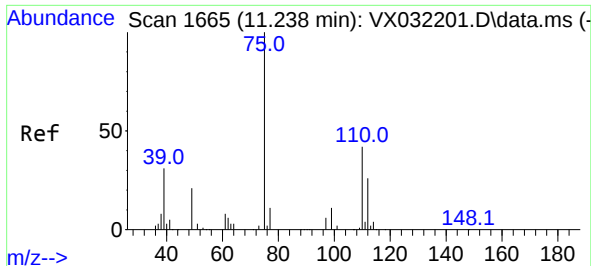
Tgt Ion:	173	Resp:	1694
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion:	152	Resp:	93526
Ion Ratio	Lower	Upper	
152	100		
115	61.3	43.1	129.4
150	158.3	0.0	348.6

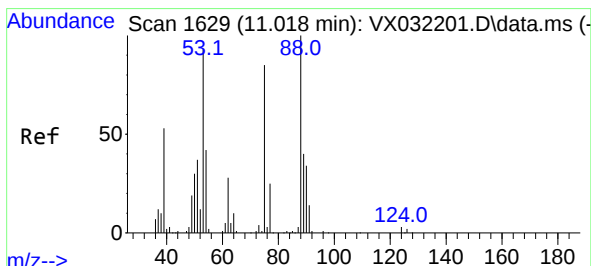
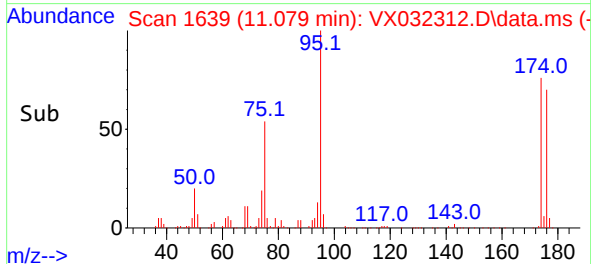
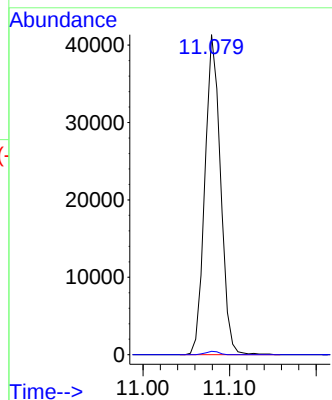
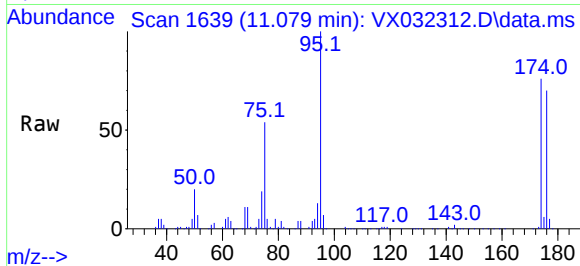




#76
1,2,3-Trichloropropane
Concen: 28.022 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-5-20221018

Tgt Ion: 75 Resp: 51929
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.936 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032312.D
Acq: 22 Oct 2022 01:42

Tgt Ion: 75 Resp: 51929
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

