

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102122\
 Data File : VX032301.D
 Acq On : 21 Oct 2022 20:02
 Operator : JC/MD
 Sample : N5248-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20221018

Quant Time: Oct 22 05:14:54 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)

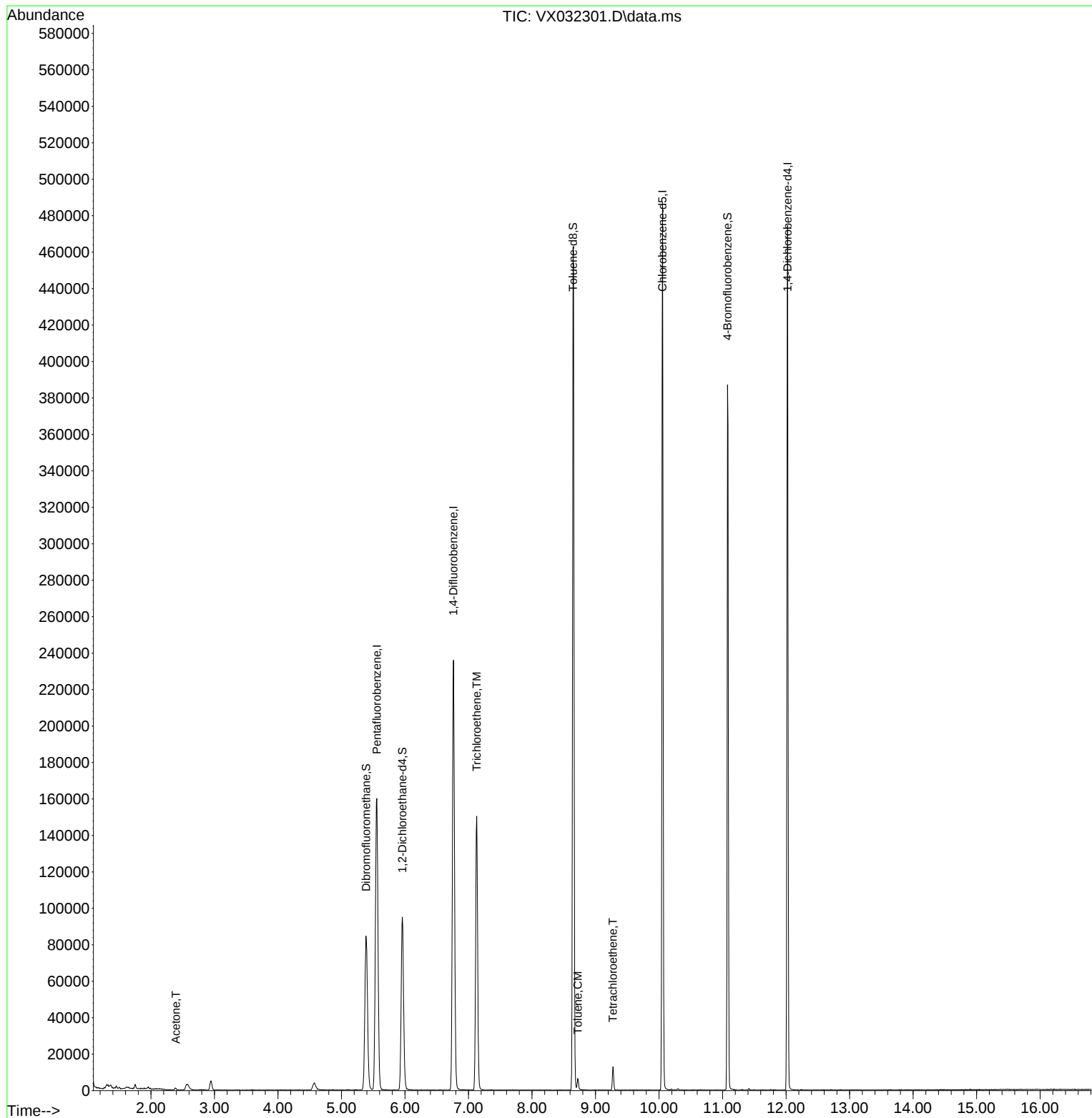
Internal Standards						
1) Pentafluorobenzene	5.556	168	151051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94370	48.025	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.040%
35) Dibromofluoromethane	5.385	113	72934	44.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.647	98	274390	46.780	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.560%
62) 4-Bromofluorobenzene	11.079	95	98145	45.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.380%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	1414	2.217	ug/l #	78
44) Trichloroethene	7.129	130	56724	33.907	ug/l	97
52) Toluene	8.720	92	2507	0.637	ug/l	92
64) Tetrachloroethene	9.275	164	2280	1.682	ug/l	82

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

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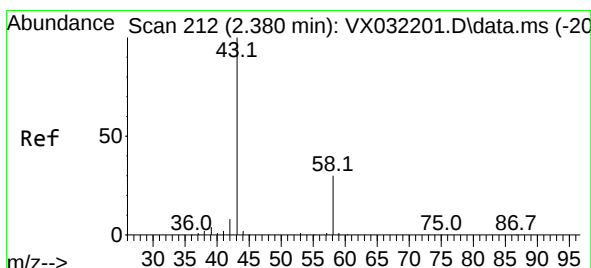
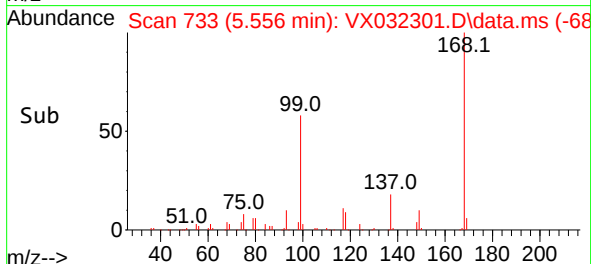
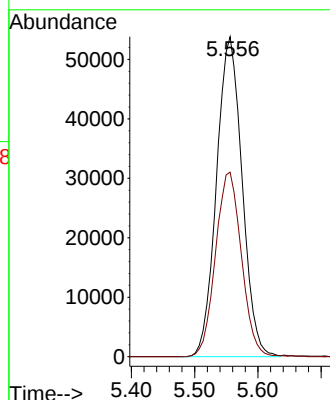
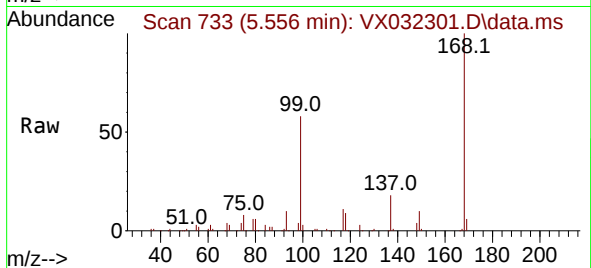




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

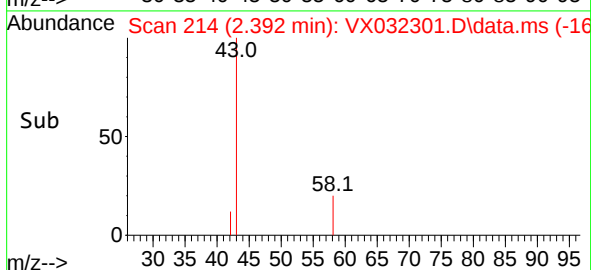
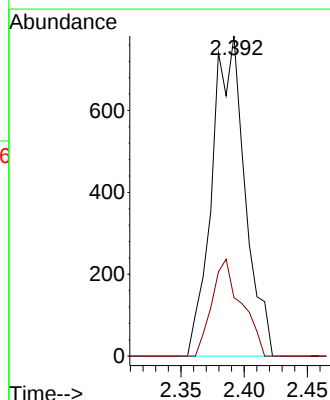
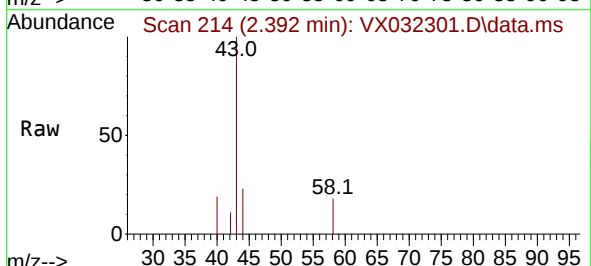
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20221018

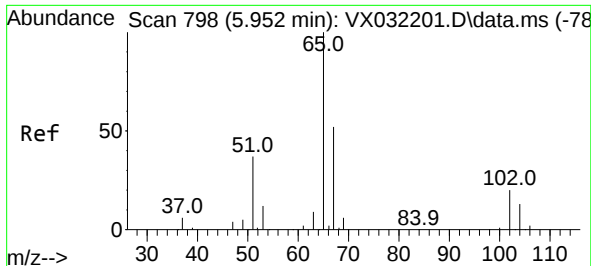
Tgt Ion:168 Resp: 151051
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#16
Acetone
Concen: 2.217 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 18.3 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 48.025 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032301.D

Acq: 21 Oct 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

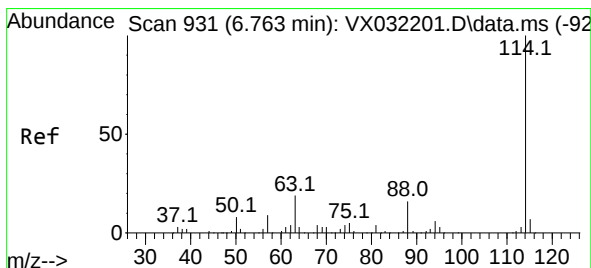
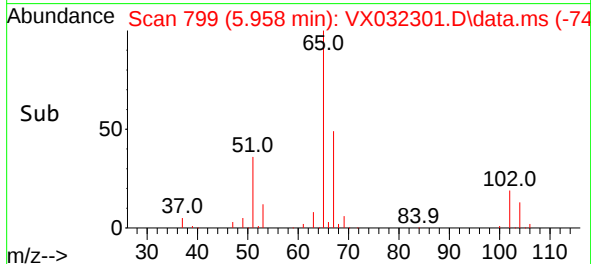
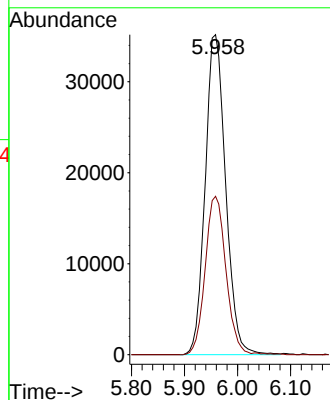
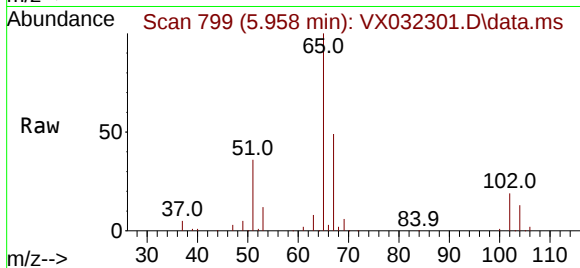
FSND-MW-20-20221018

Tgt Ion: 65 Resp: 94370

Ion Ratio Lower Upper

65 100

67 50.4 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: VX032301.D

Acq: 21 Oct 2022 20:02

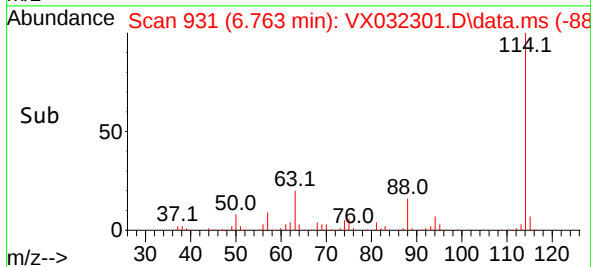
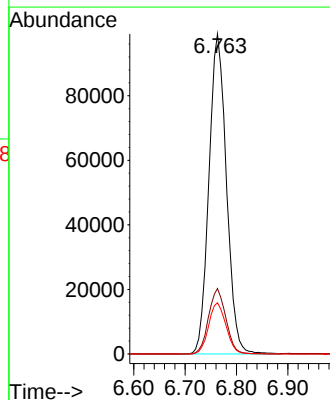
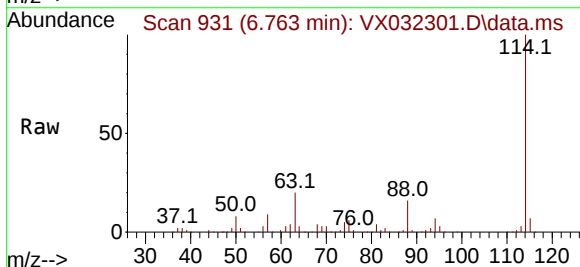
Tgt Ion: 114 Resp: 234161

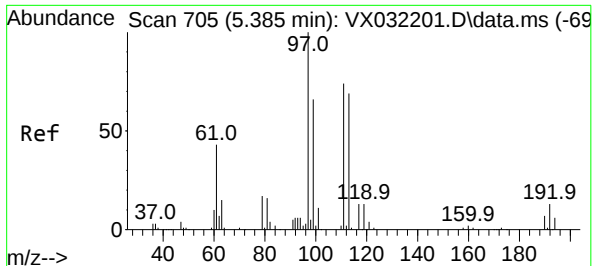
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 44.760 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032301.D

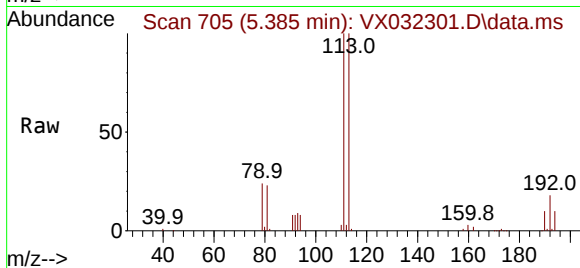
Acq: 21 Oct 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-20-20221018



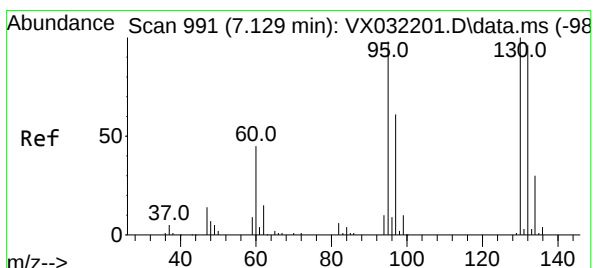
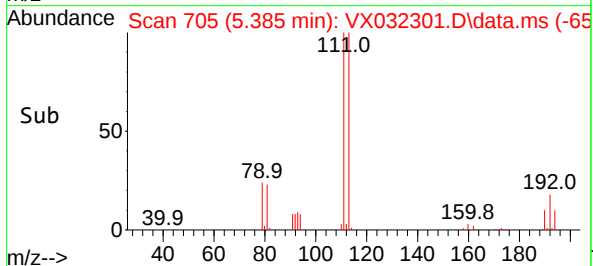
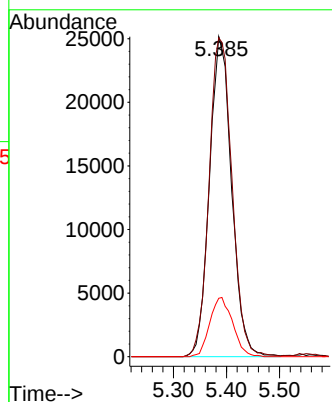
Tgt Ion:113 Resp: 72934

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 19.1 15.5 23.3



#44

Trichloroethene

Concen: 33.907 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032301.D

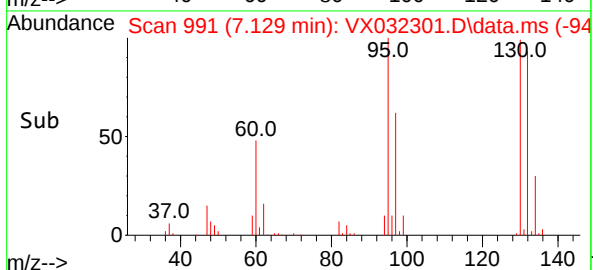
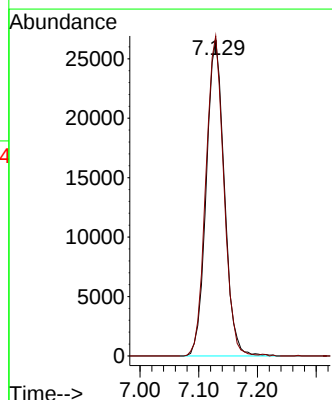
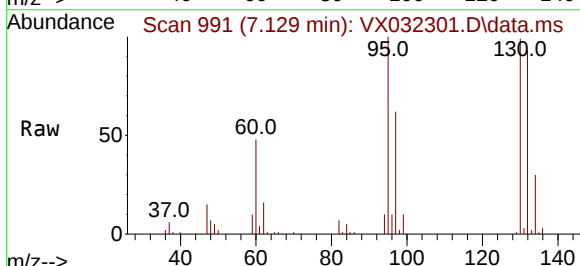
Acq: 21 Oct 2022 20:02

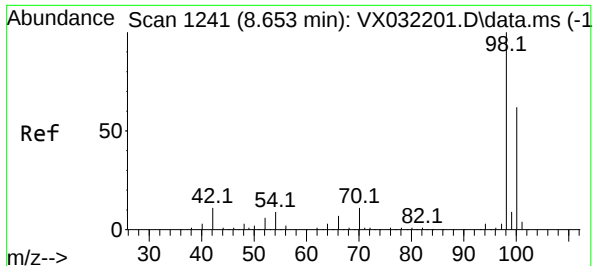
Tgt Ion:130 Resp: 56724

Ion Ratio Lower Upper

130 100

95 101.2 0.0 196.8

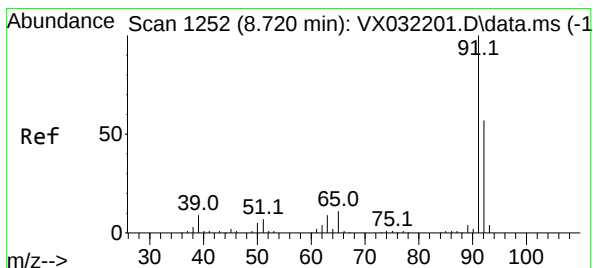
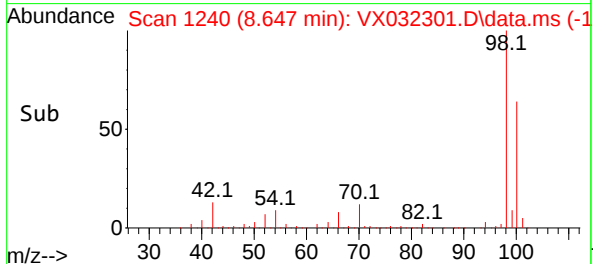
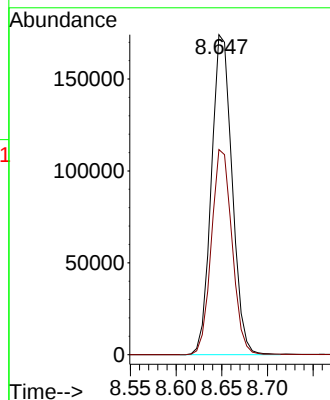
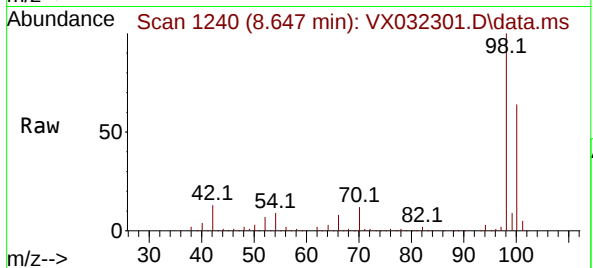




#50
Toluene-d8
Concen: 46.780 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

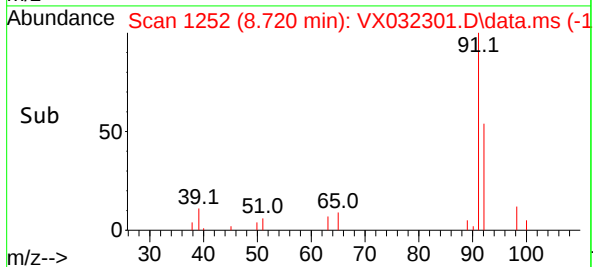
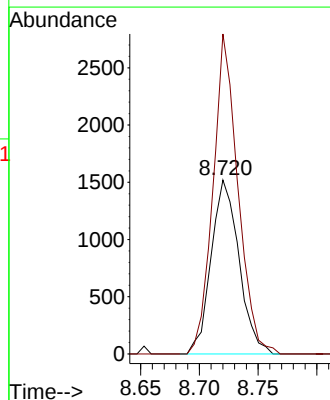
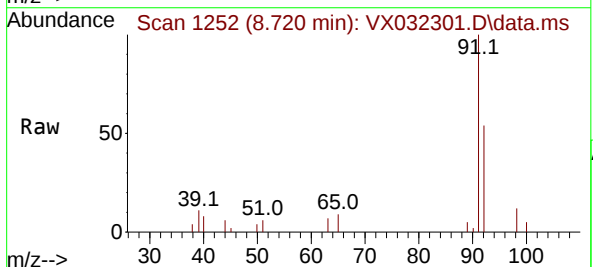
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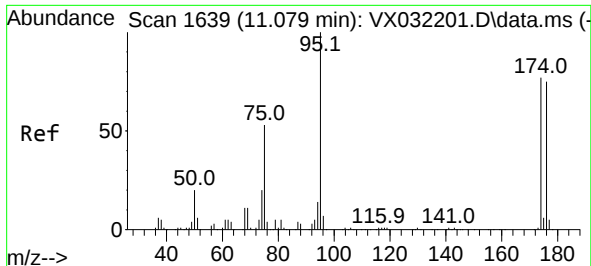
Tgt Ion: 98 Resp: 274390
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#52
Toluene
Concen: 0.637 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion: 92 Resp: 2507
Ion Ratio Lower Upper
92 100
91 164.6 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 45.694 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032301.D

Acq: 21 Oct 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-20-20221018

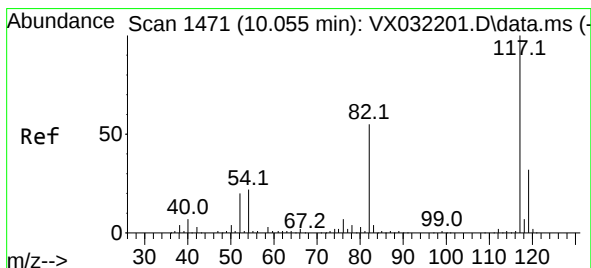
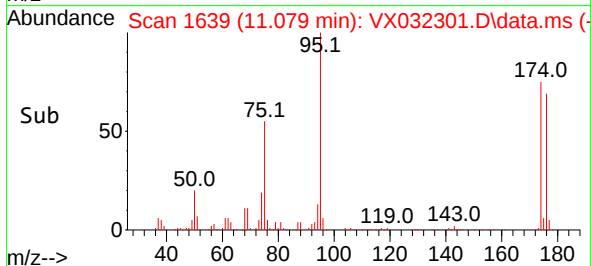
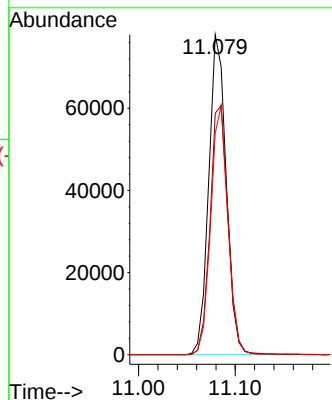
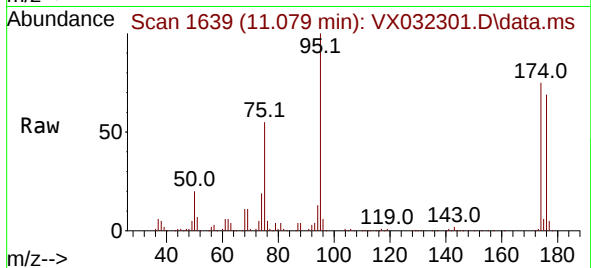
Tgt Ion: 95 Resp: 98145

Ion Ratio Lower Upper

95 100

174 80.4 0.0 166.8

176 76.1 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: VX032301.D

Acq: 21 Oct 2022 20:02

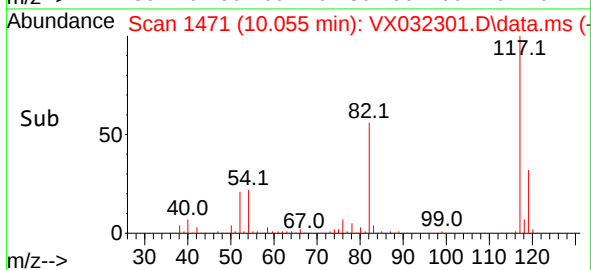
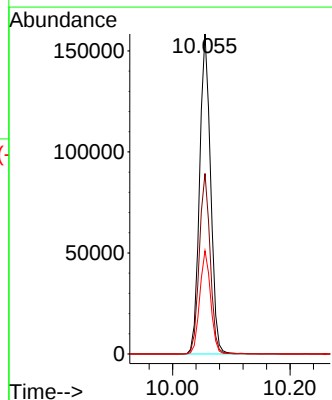
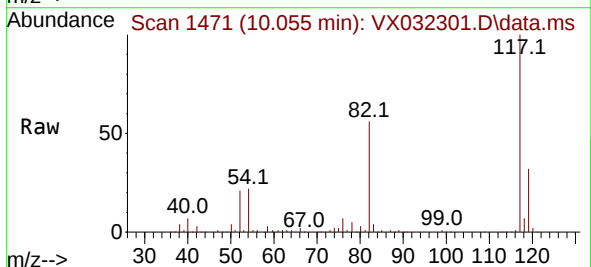
Tgt Ion: 117 Resp: 205241

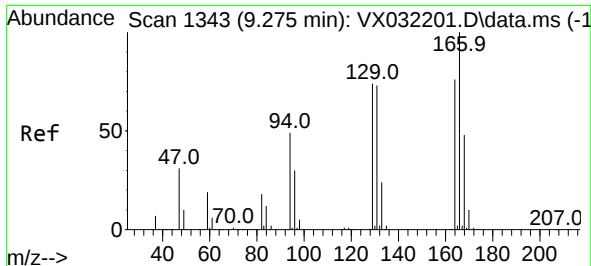
Ion Ratio Lower Upper

117 100

82 56.4 44.2 66.4

119 32.3 25.8 38.8



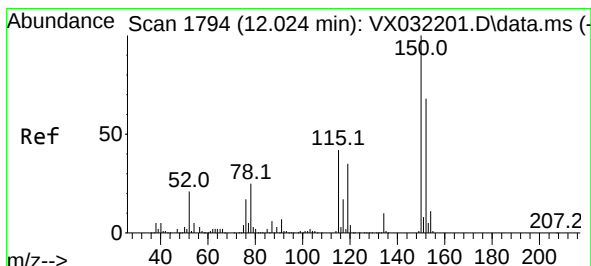
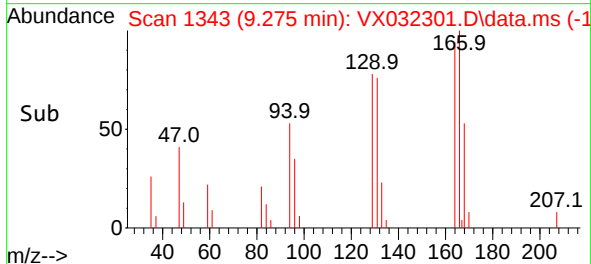
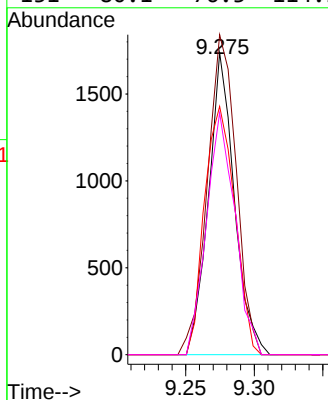
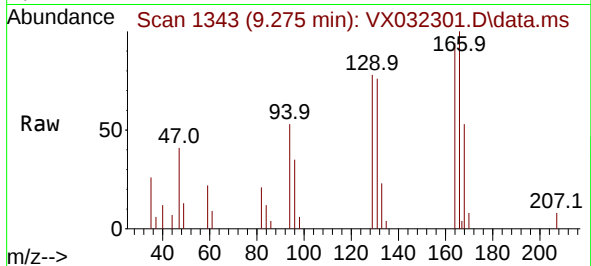


#64
Tetrachloroethene
Concen: 1.682 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

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Tgt Ion:164 Resp: 2280

Ion	Ratio	Lower	Upper
164	100		
166	105.9	104.9	157.3
129	82.2	77.8	116.6
131	80.1	76.3	114.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032301.D
Acq: 21 Oct 2022 20:02

Tgt Ion:152 Resp: 95976

Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.1	129.4
150	154.6	0.0	348.6

