

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032364.D
 Acq On : 25 Oct 2022 15:13
 Operator : JC/MD
 Sample : N5249-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20221019

Quant Time: Oct 27 14:17:29 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)

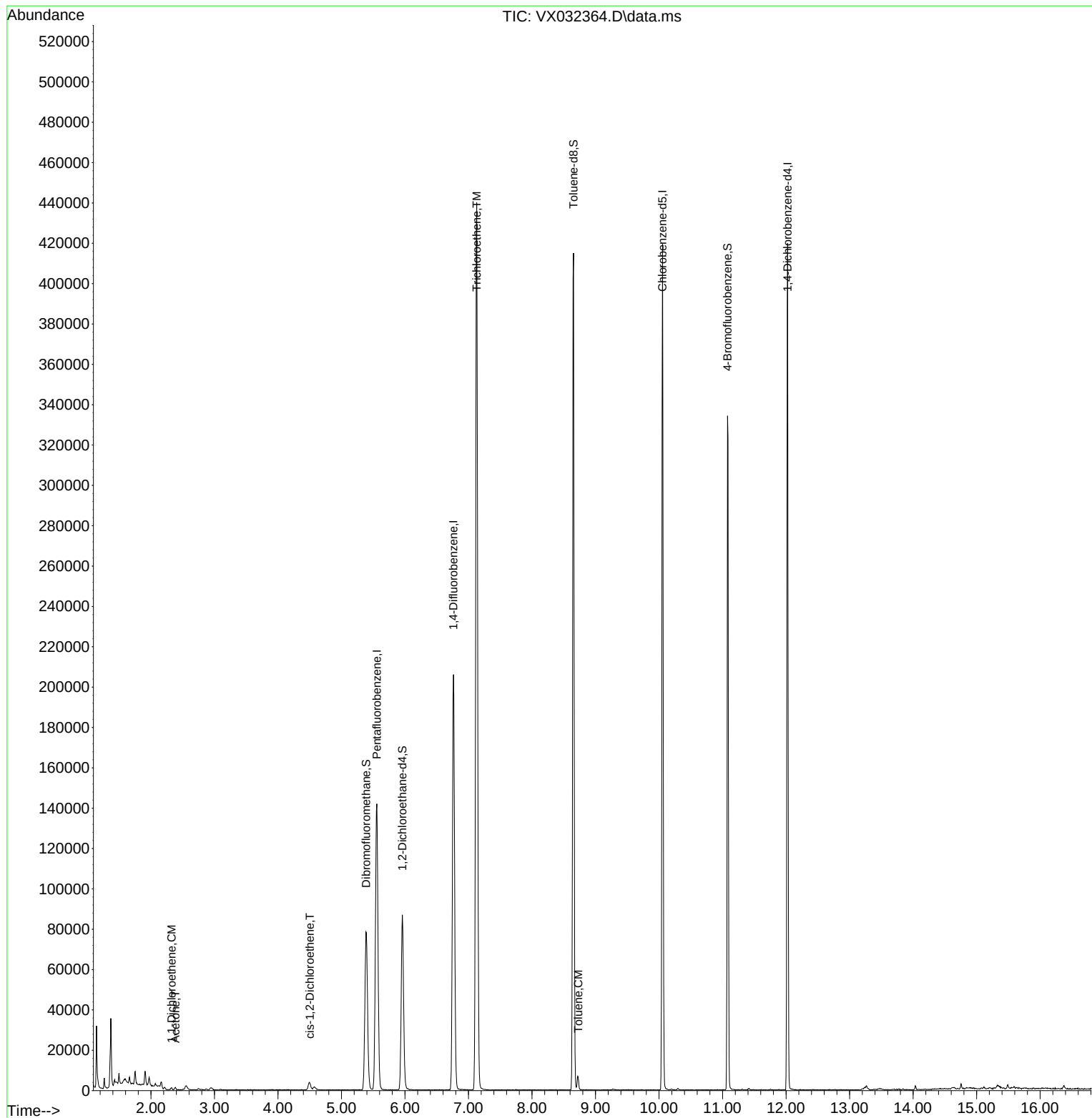
Internal Standards						
1) Pentafluorobenzene	5.556	168	133710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84094	48.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.700%
35) Dibromofluoromethane	5.385	113	67449	46.312	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.653	98	247806	47.268	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	11.079	95	85203	44.382	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.760%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	350	0.293	ug/l #	82
16) Acetone	2.386	43	1193	2.113	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	2610	1.715	ug/l	89
44) Trichloroethene	7.129	130	167207	111.826	ug/l	99
52) Toluene	8.726	92	2804	0.797	ug/l	91

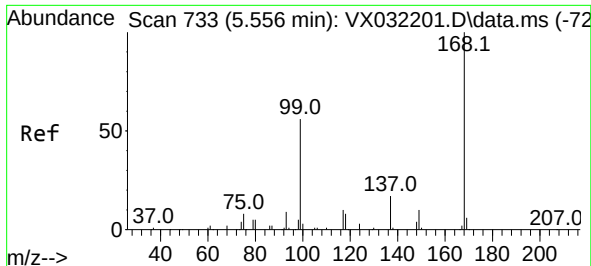
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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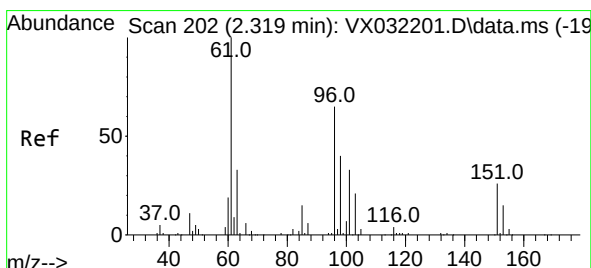
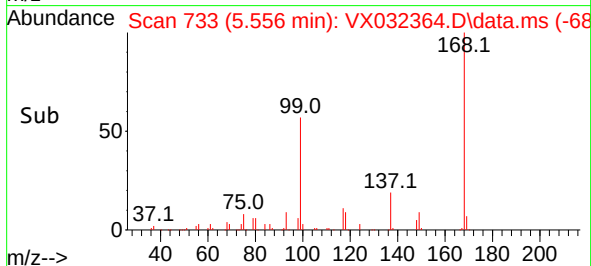
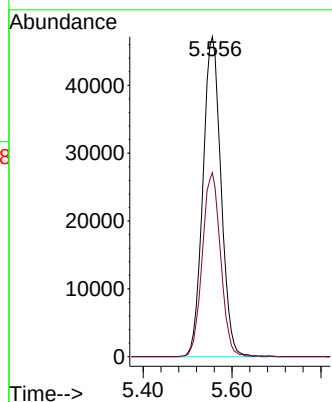
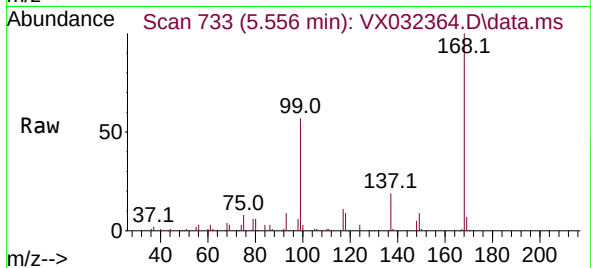




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

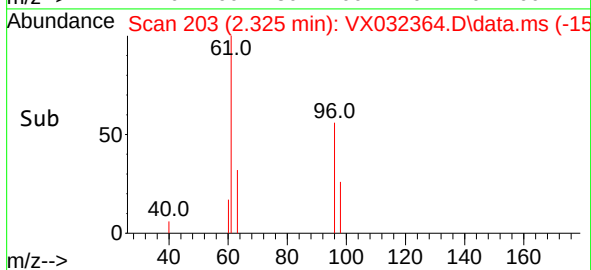
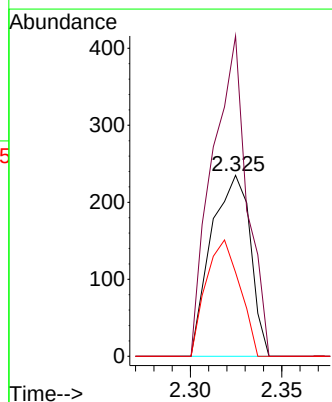
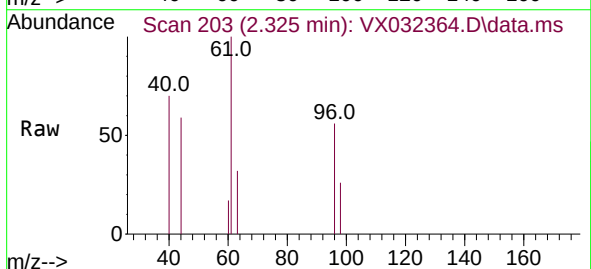
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

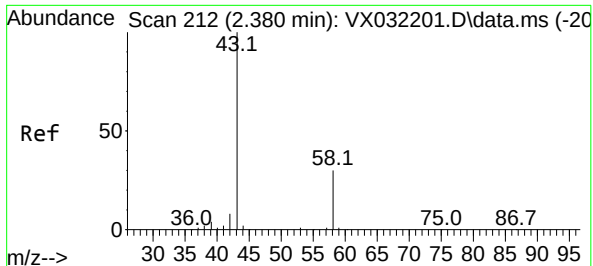
Tgt Ion:168 Resp: 133710
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#12
1,1-Dichloroethene
Concen: 0.293 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 96 Resp: 350
Ion Ratio Lower Upper
96 100
61 177.0 124.0 186.0
98 46.4 50.0 75.0#

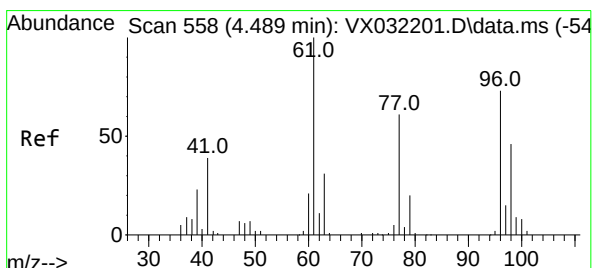
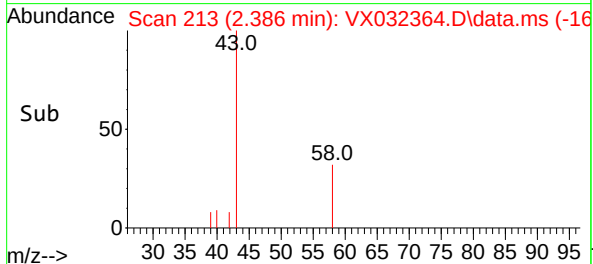
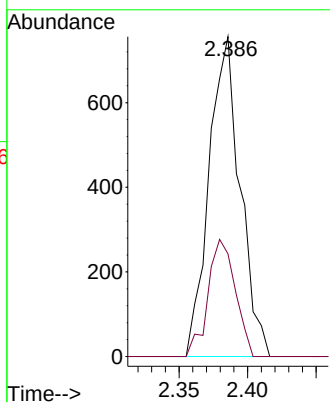
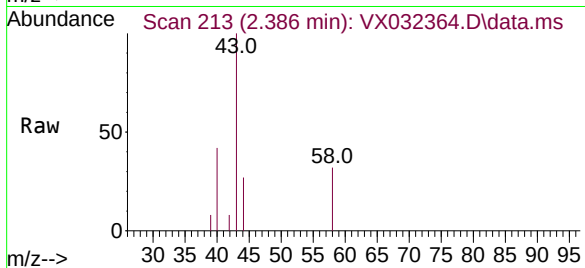




#16
Acetone
Concen: 2.113 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

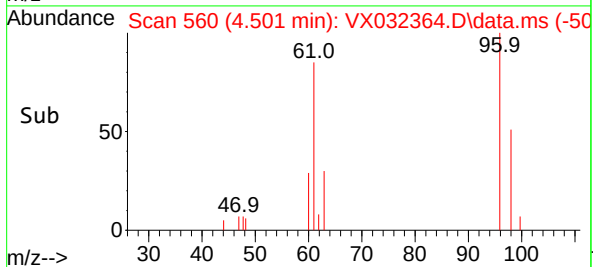
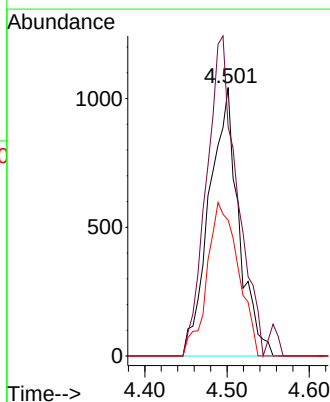
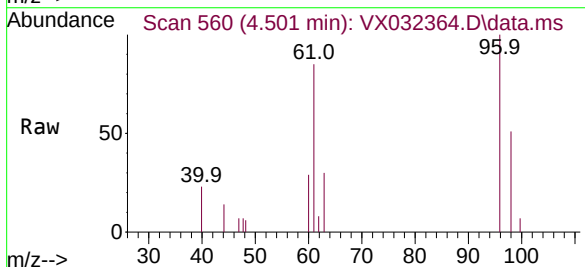
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-32-20221019

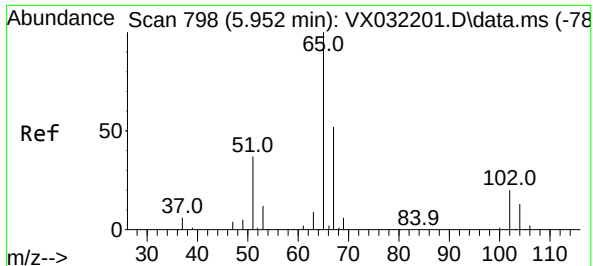
Tgt Ion: 43 Resp: 1193
Ion Ratio Lower Upper
43 100
58 32.1 24.2 36.2



#27
cis-1,2-Dichloroethene
Concen: 1.715 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 96 Resp: 2610
Ion Ratio Lower Upper
96 100
61 123.4 0.0 279.2
98 60.4 0.0 128.0





#33

1,2-Dichloroethane-d4

Concen: 48.346 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

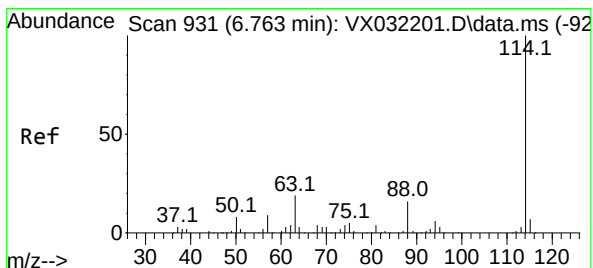
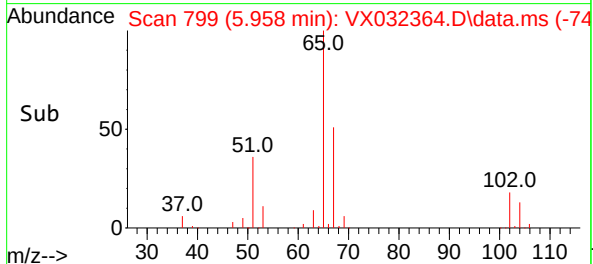
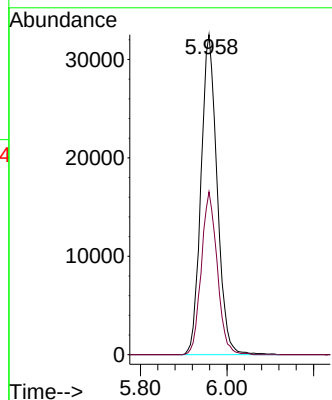
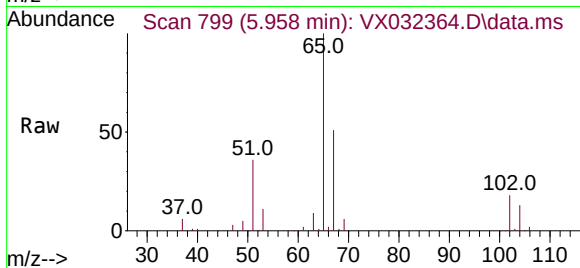
FSND-MW-32-20221019

Tgt Ion: 65 Resp: 84094

Ion Ratio Lower Upper

65 100

67 50.2 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: VX032364.D

Acq: 25 Oct 2022 15:13

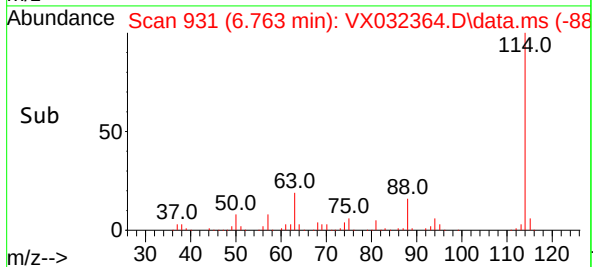
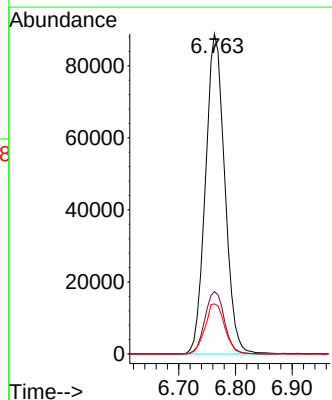
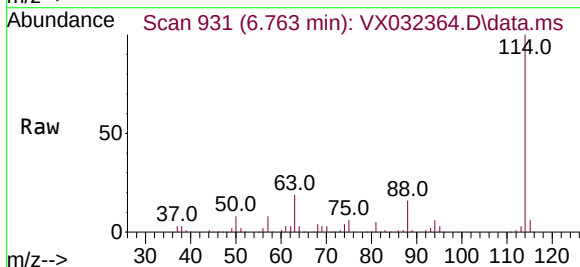
Tgt Ion: 114 Resp: 209292

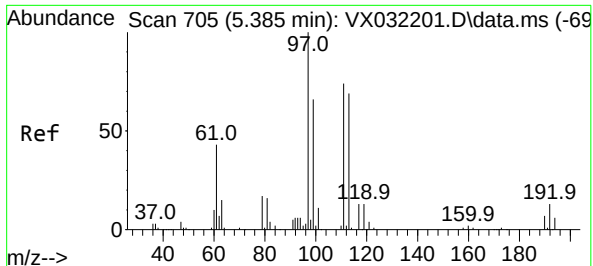
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.312 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032364.D

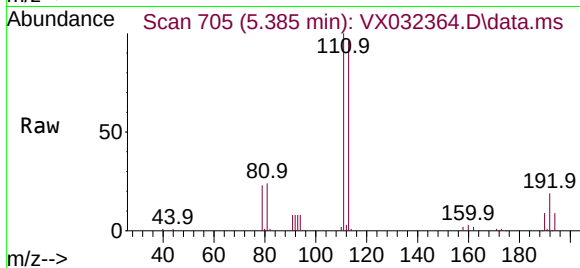
Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20221019



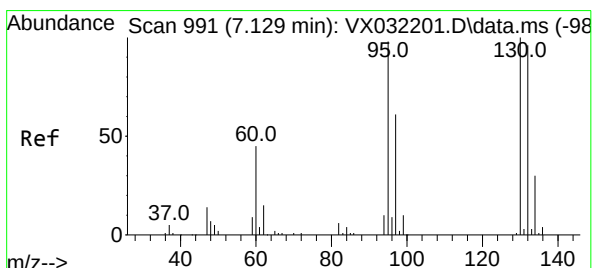
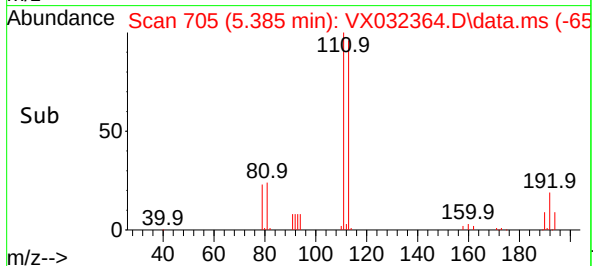
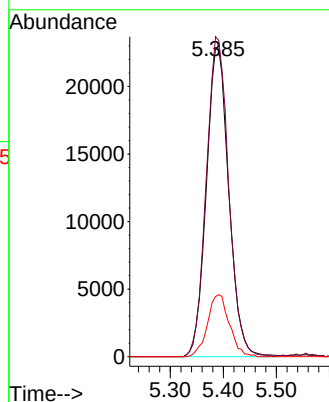
Tgt Ion:113 Resp: 67449

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.5 15.5 23.3



#44

Trichloroethene

Concen: 111.826 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX032364.D

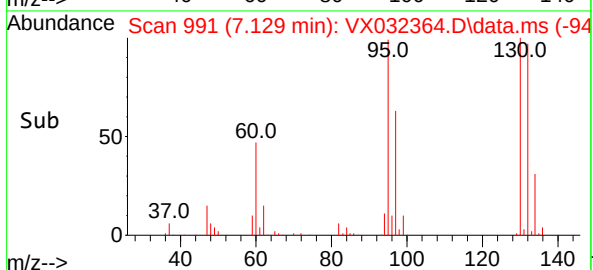
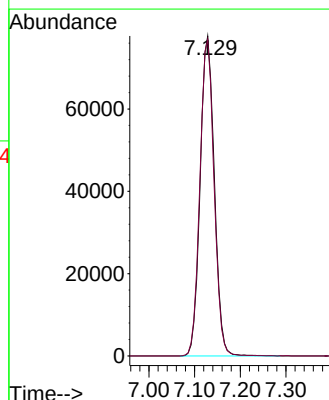
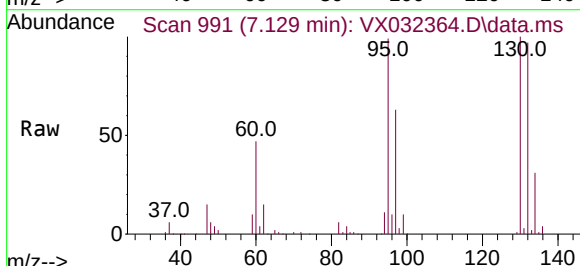
Acq: 25 Oct 2022 15:13

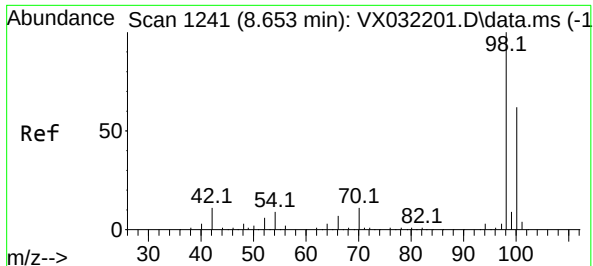
Tgt Ion:130 Resp: 167207

Ion Ratio Lower Upper

130 100

95 99.0 0.0 196.8

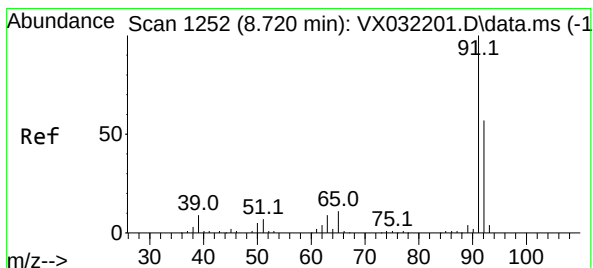
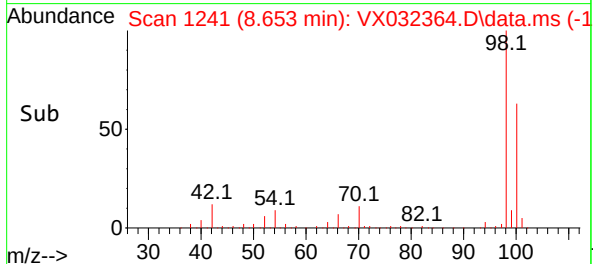
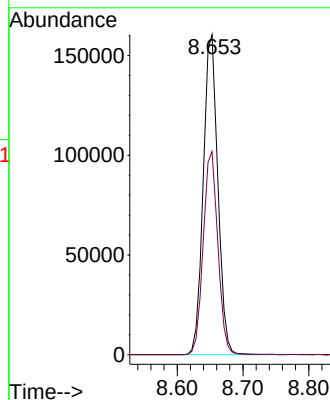
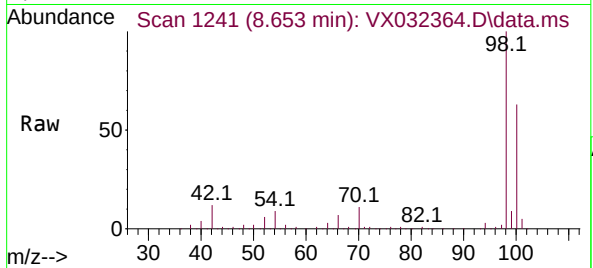




#50
Toluene-d8
Concen: 47.268 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

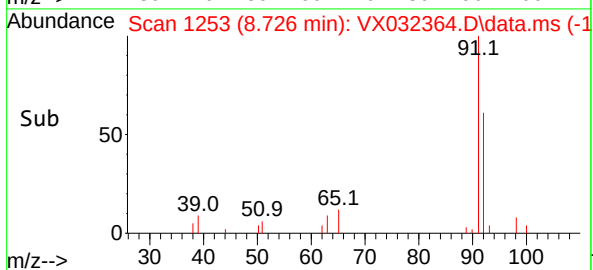
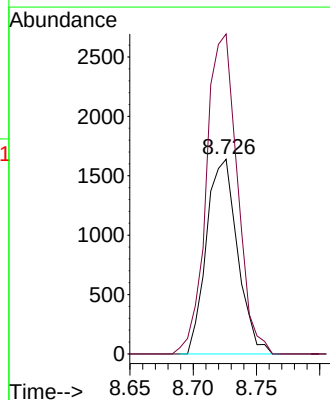
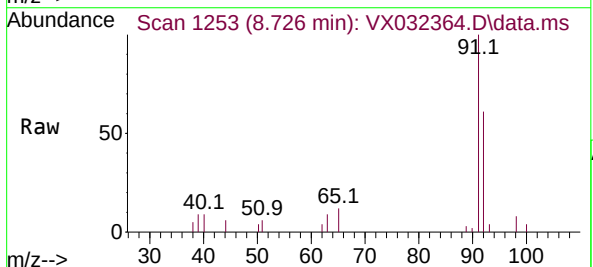
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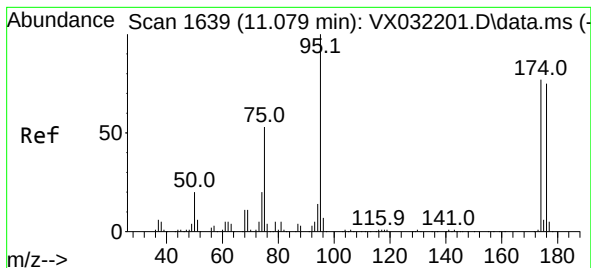
Tgt Ion: 98 Resp: 247806
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



#52
Toluene
Concen: 0.797 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX032364.D
Acq: 25 Oct 2022 15:13

Tgt Ion: 92 Resp: 2804
Ion Ratio Lower Upper
92 100
91 163.3 140.3 210.5





#62

4-Bromofluorobenzene

Concen: 44.382 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX032364.D

Acq: 25 Oct 2022 15:13

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-32-20221019

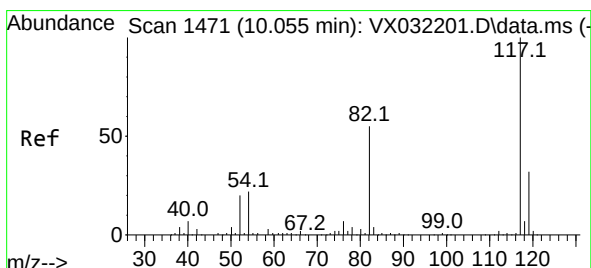
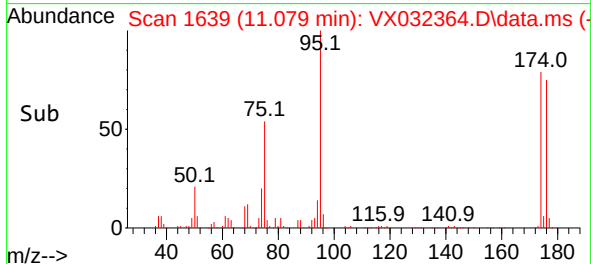
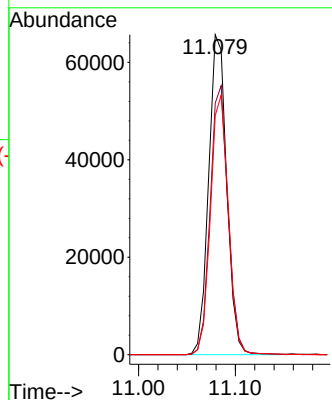
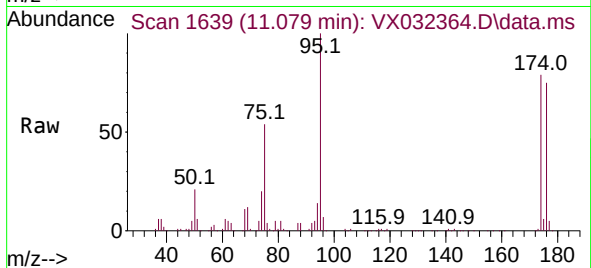
Tgt Ion: 95 Resp: 85203

Ion Ratio Lower Upper

95 100

174 83.3 0.0 166.8

176 80.6 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: VX032364.D

Acq: 25 Oct 2022 15:13

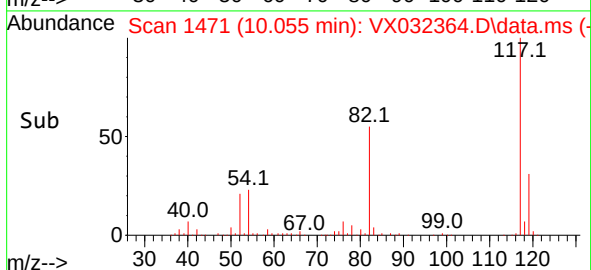
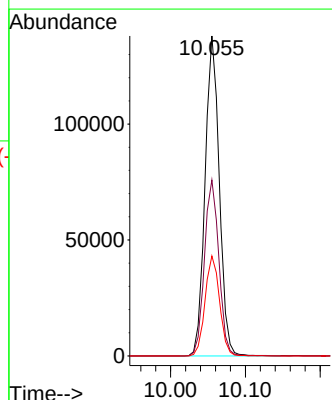
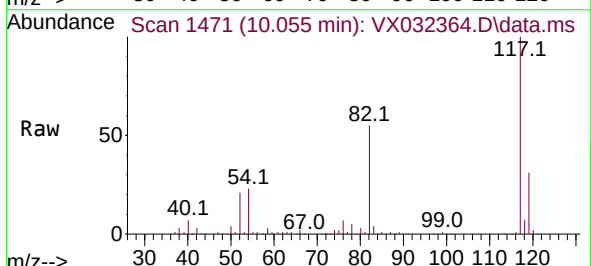
Tgt Ion: 117 Resp: 182292

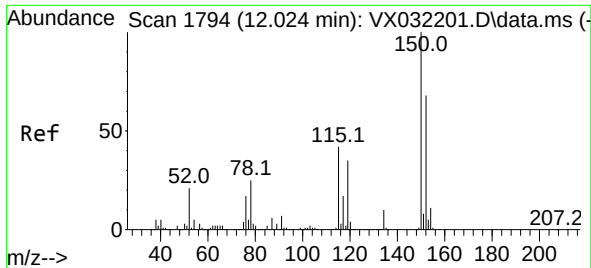
Ion Ratio Lower Upper

117 100

82 55.0 44.2 66.4

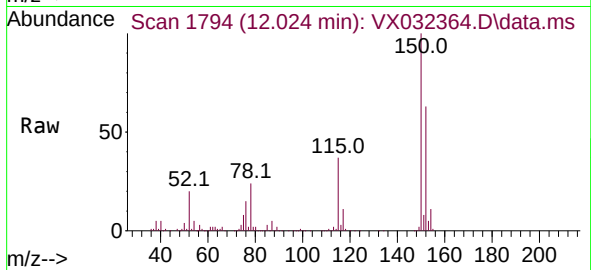
119 31.2 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032364.D
 Acq: 25 Oct 2022 15:13

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-32-20221019



Tgt Ion:	152	Resp:	85551
Ion	Ratio	Lower	Upper
152	100		
115	60.2	43.1	129.4
150	157.7	0.0	348.6

