

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032373.D
 Acq On : 25 Oct 2022 18:43
 Operator : JC/MD
 Sample : N5249-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20221020

Quant Time: Oct 27 14:18:29 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)

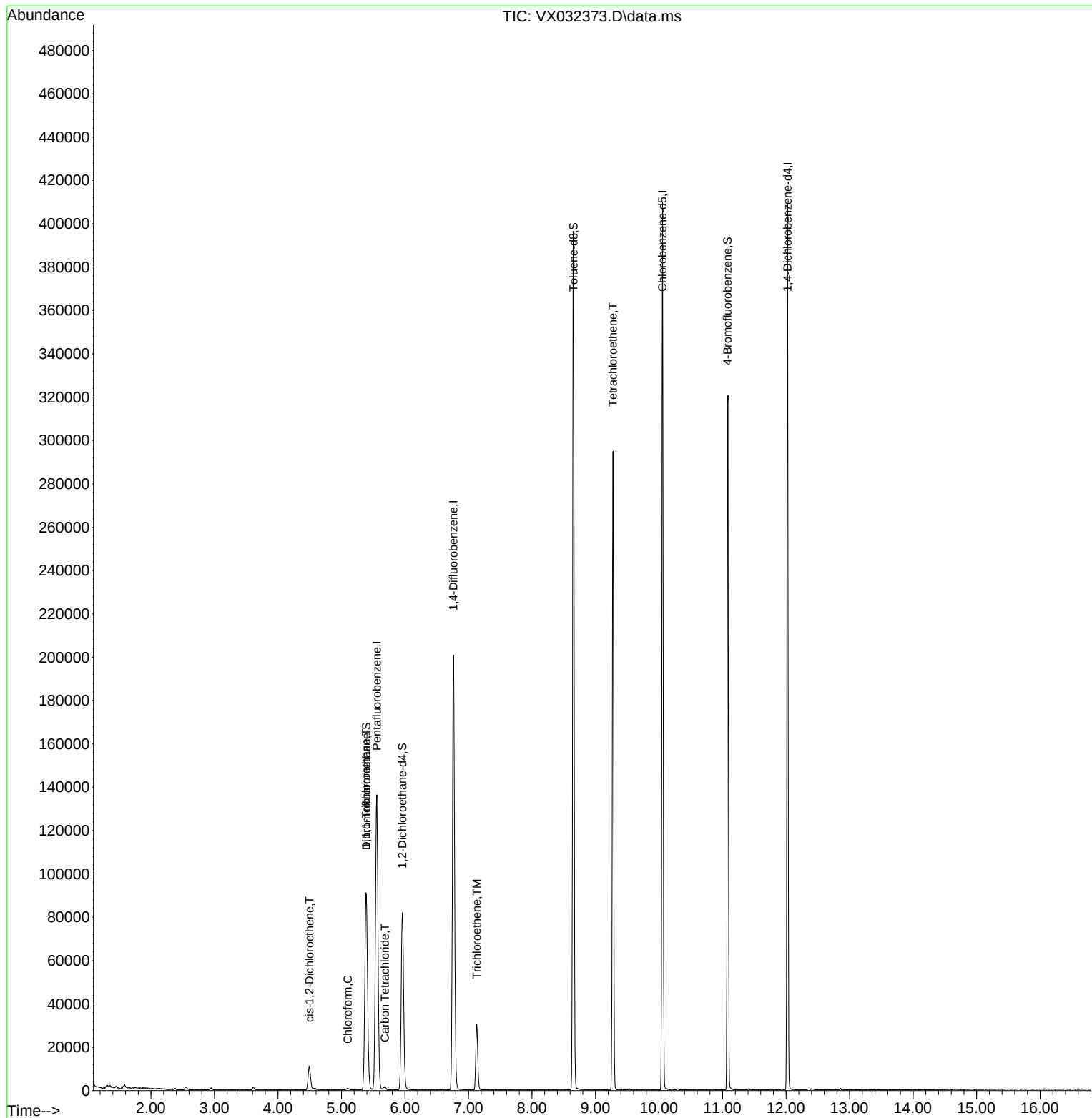
Internal Standards						
1) Pentafluorobenzene	5.556	168	126673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201636	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82244	49.909	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.820%		
35) Dibromofluoromethane	5.391	113	65608	46.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.653	98	239649	47.448	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.900%		
62) 4-Bromofluorobenzene	11.079	95	82822	44.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.560%		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.495	96	6937	4.811	ug/l	93
30) Chloroform	5.099	83	954	0.390	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	15901	7.625	ug/l	99
38) Carbon Tetrachloride	5.684	117	1242	0.652	ug/l	99
44) Trichloroethene	7.129	130	11431	7.935	ug/l	97
64) Tetrachloroethene	9.275	164	52482	45.409	ug/l	97

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

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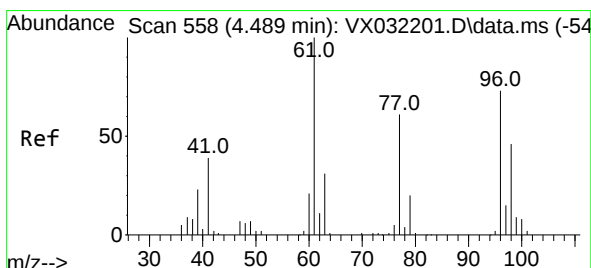
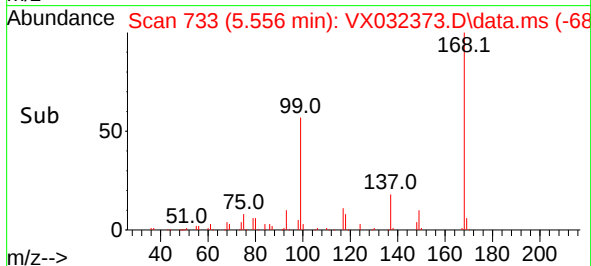
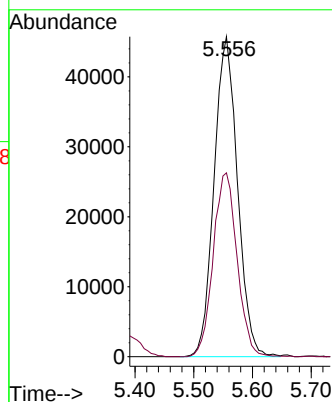
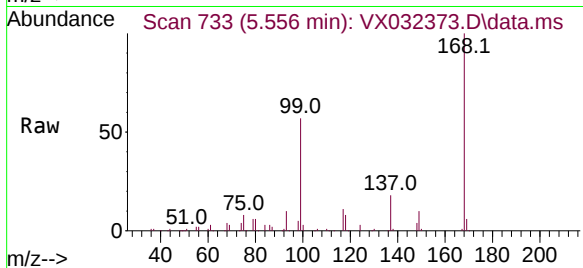




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

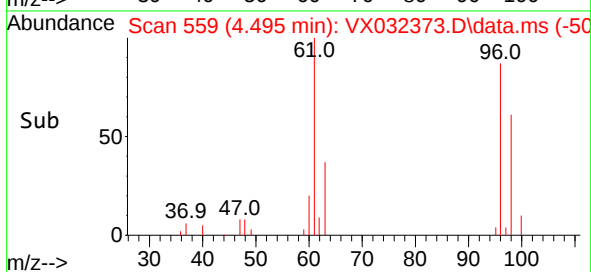
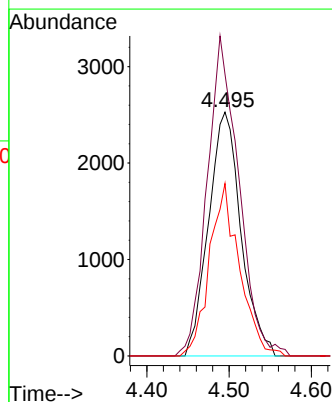
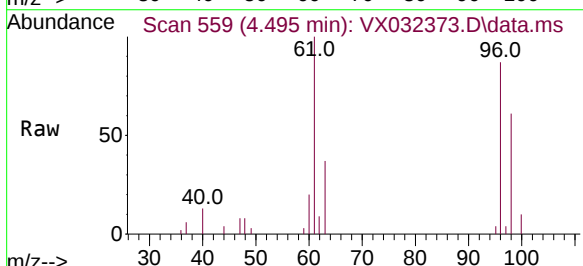
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

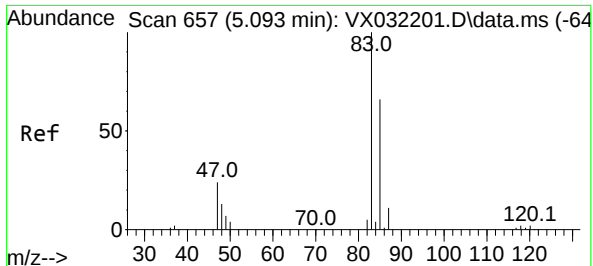
Tgt Ion:168 Resp: 126673
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#27
cis-1,2-Dichloroethene
Concen: 4.811 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 96 Resp: 6937
Ion Ratio Lower Upper
96 100
61 127.7 0.0 279.2
98 65.3 0.0 128.0





#30

Chloroform

Concen: 0.390 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

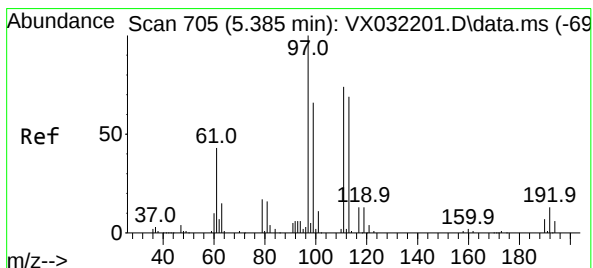
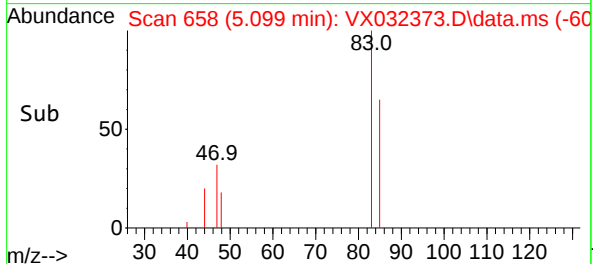
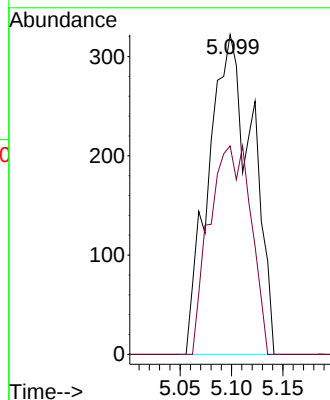
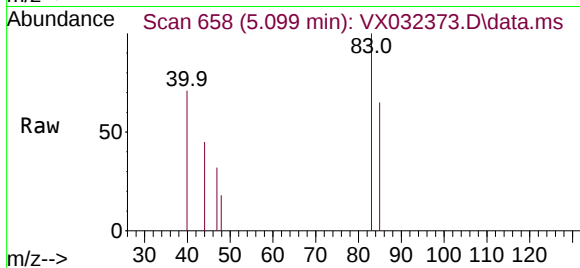
FSND-MW-14-20221020

Tgt Ion: 83 Resp: 954

Ion Ratio Lower Upper

83 100

85 65.2 52.5 78.7



#32

1,1,1-Trichloroethane

Concen: 7.625 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

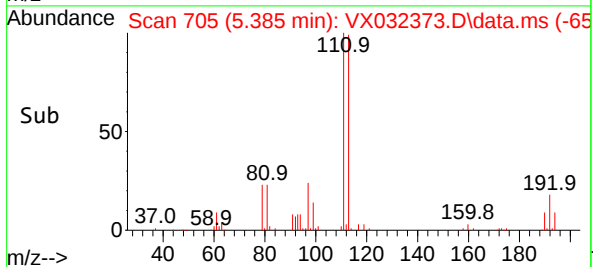
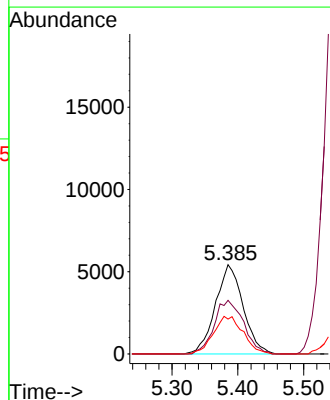
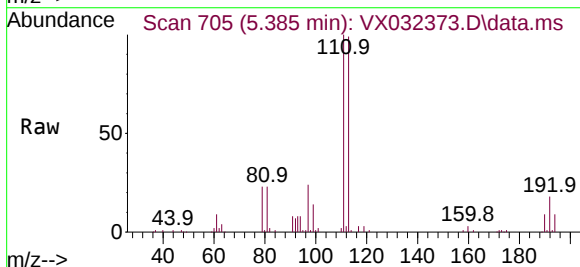
Tgt Ion: 97 Resp: 15901

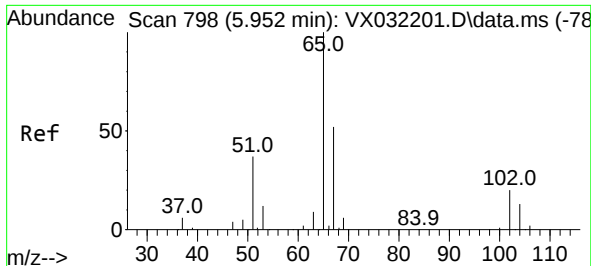
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.8

61 45.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 49.909 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

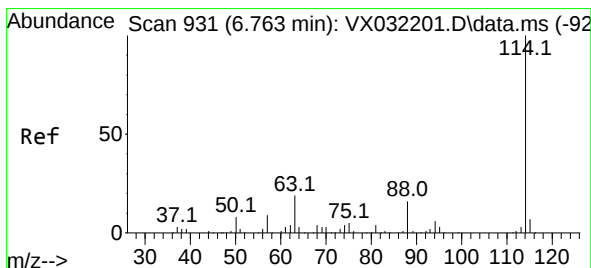
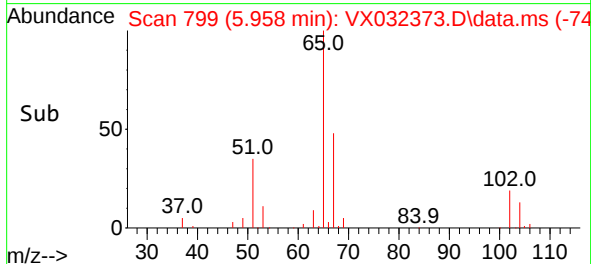
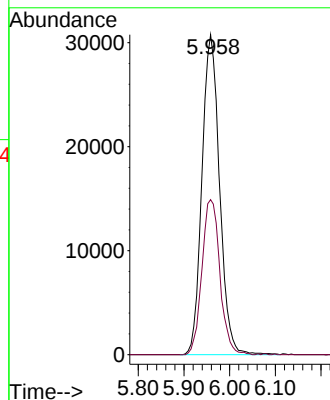
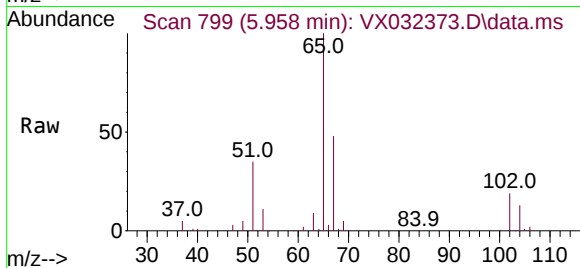
FSND-MW-14-20221020

Tgt Ion: 65 Resp: 82244

Ion Ratio Lower Upper

65 100

67 49.4 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: VX032373.D

Acq: 25 Oct 2022 18:43

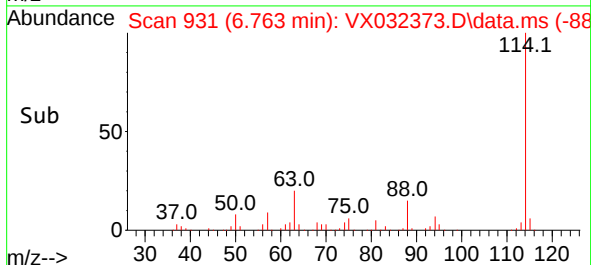
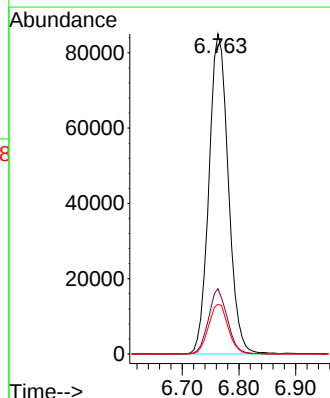
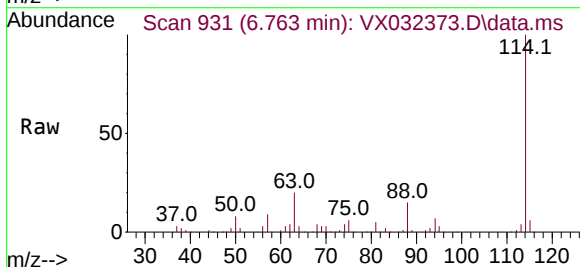
Tgt Ion: 114 Resp: 201636

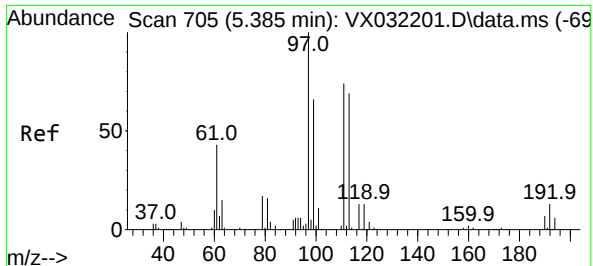
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

88 15.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.759 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032373.D

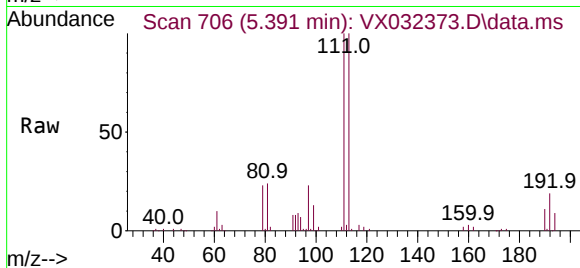
Acq: 25 Oct 2022 18:43

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-14-20221020



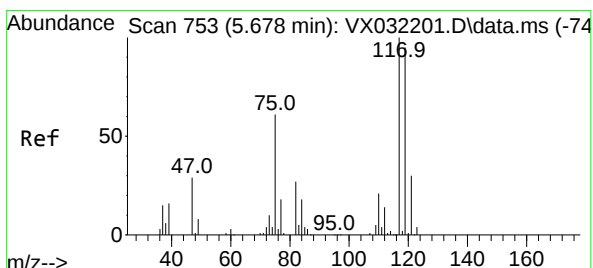
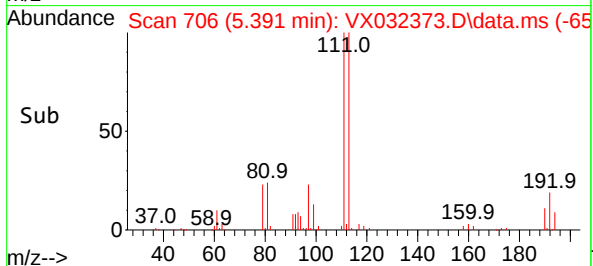
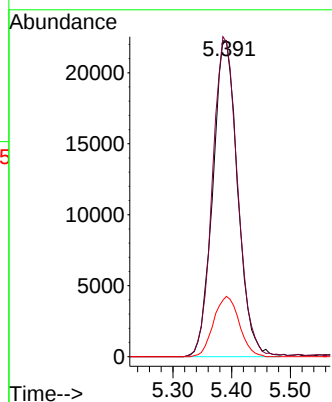
Tgt Ion:113 Resp: 65608

Ion Ratio Lower Upper

113 100

111 102.0 82.8 124.2

192 19.6 15.5 23.3



#38

Carbon Tetrachloride

Concen: 0.652 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX032373.D

Acq: 25 Oct 2022 18:43

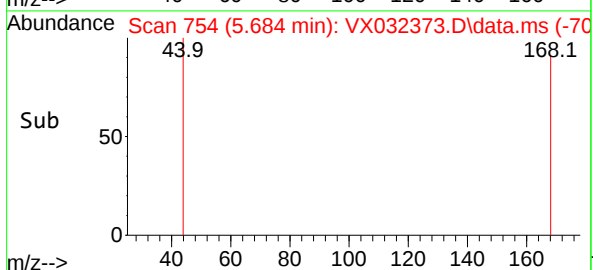
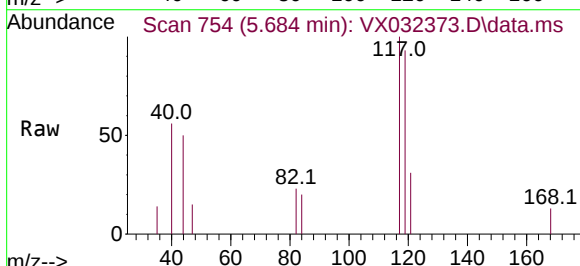
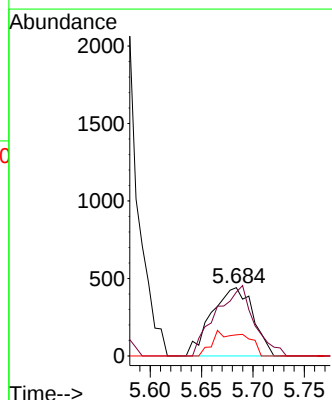
Tgt Ion:117 Resp: 1242

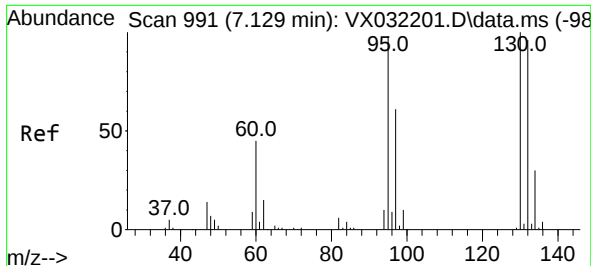
Ion Ratio Lower Upper

117 100

119 93.4 75.4 113.0

121 30.8 23.9 35.9

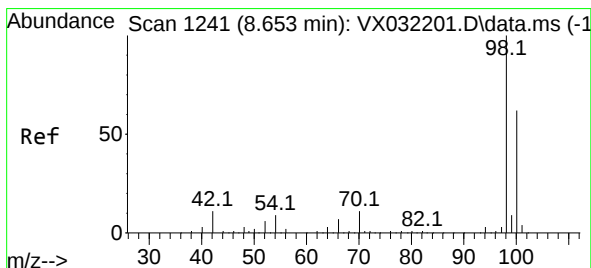
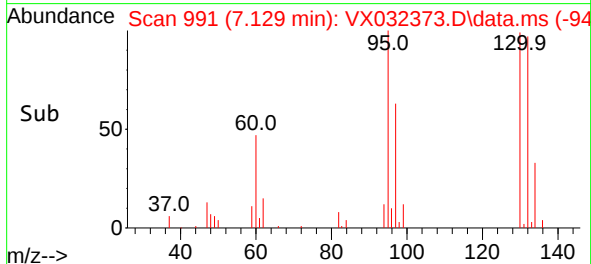
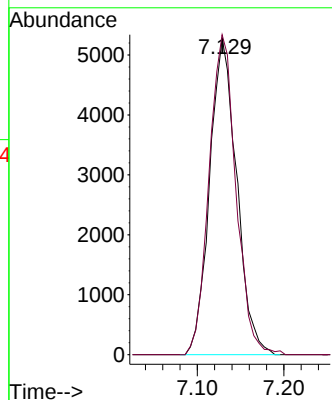
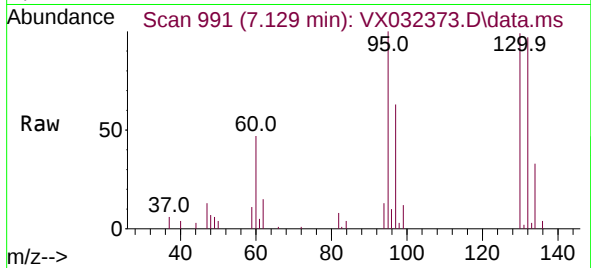




#44
 Trichloroethene
 Concen: 7.935 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX032373.D
 Acq: 25 Oct 2022 18:43

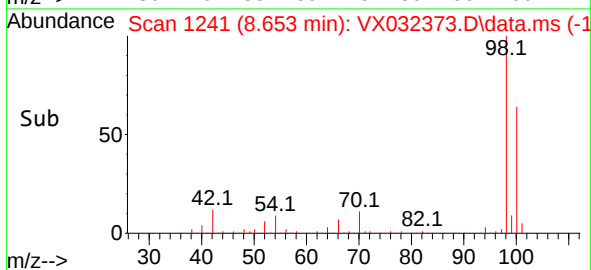
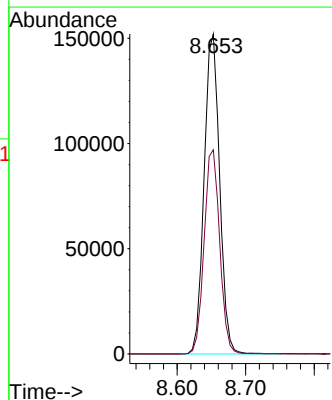
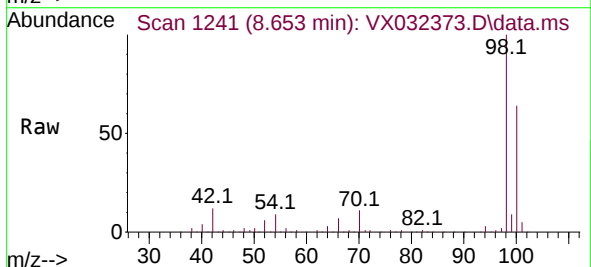
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 FSND-MW-14-20221020

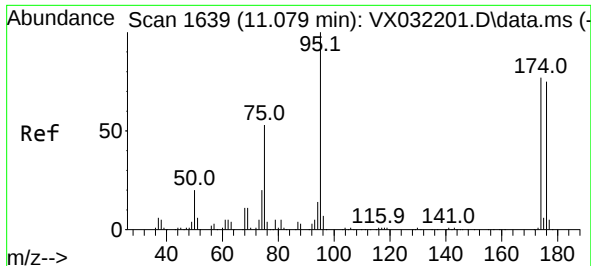
Tgt Ion:130 Resp: 11431
 Ion Ratio Lower Upper
 130 100
 95 101.1 0.0 196.8



#50
 Toluene-d8
 Concen: 47.448 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX032373.D
 Acq: 25 Oct 2022 18:43

Tgt Ion: 98 Resp: 239649
 Ion Ratio Lower Upper
 98 100
 100 64.2 50.7 76.1

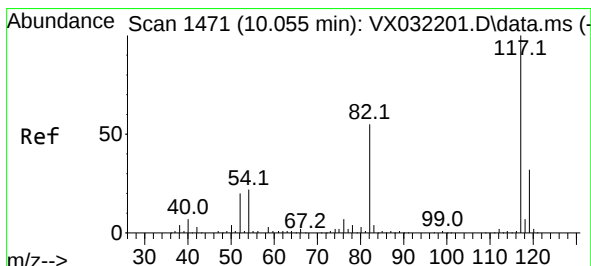
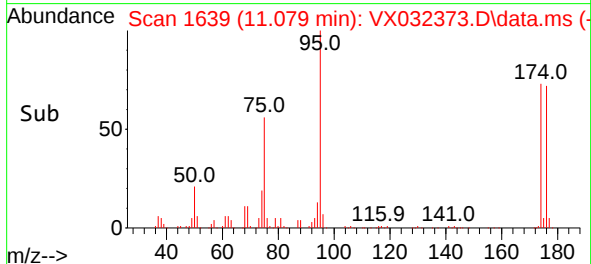
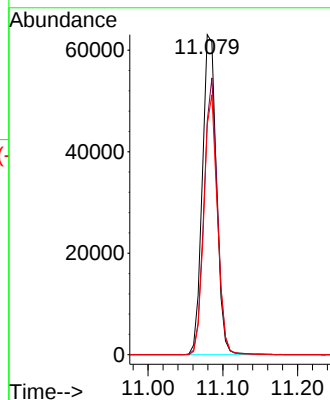
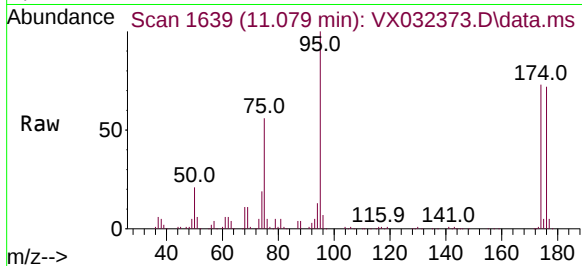




#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

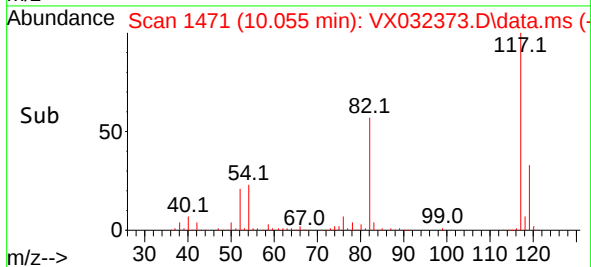
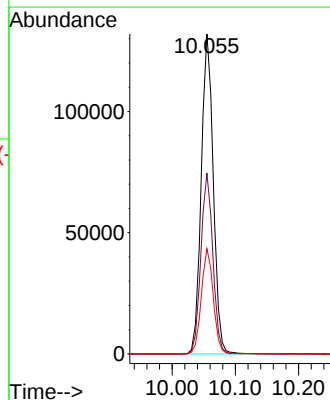
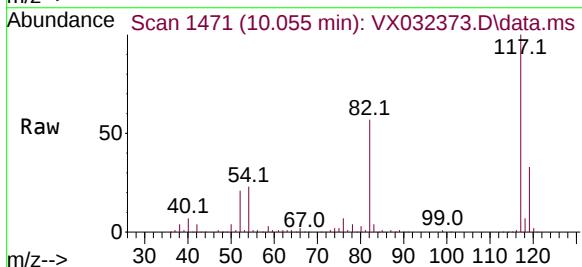
Instrument :
MSVOA_X
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FSND-MW-14-20221020

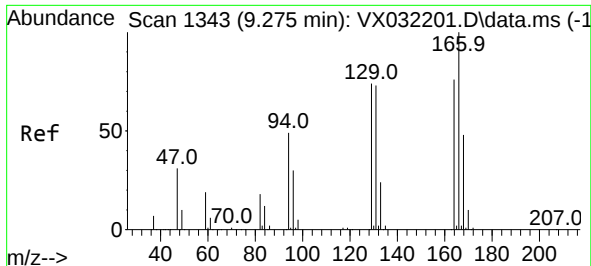
Tgt Ion: 95 Resp: 82822
Ion Ratio Lower Upper
95 100
174 82.2 0.0 166.8
176 77.9 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion: 117 Resp: 175027
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.4
119 32.9 25.8 38.8



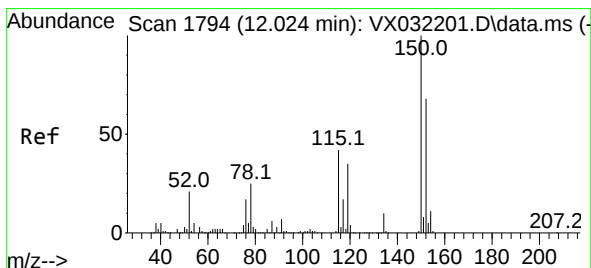
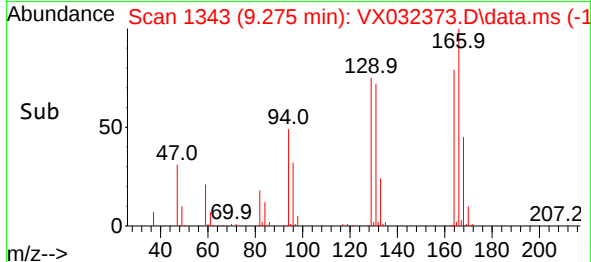
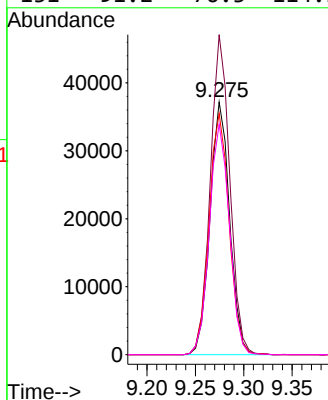
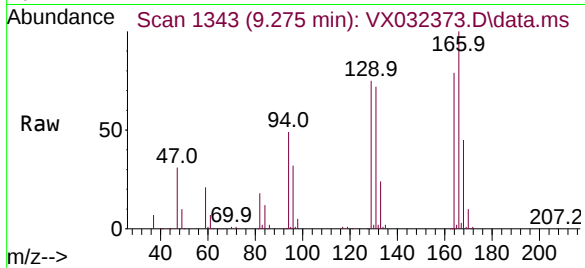


#64
Tetrachloroethene
Concen: 45.409 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032373.D
Acq: 25 Oct 2022 18:43

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20221020

Tgt Ion:164 Resp: 52482

Ion	Ratio	Lower	Upper
164	100		
166	126.6	104.9	157.3
129	95.4	77.8	116.6
131	91.2	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: VX032373.D
Acq: 25 Oct 2022 18:43

Tgt Ion:152 Resp: 82374

Ion	Ratio	Lower	Upper
152	100		
115	59.3	43.1	129.4
150	155.0	0.0	348.6

