

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038663.D
 Acq On : 08 Nov 2023 17:59
 Operator : JC/MD
 Sample : 05223-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-17-20231030

Quant Time: Nov 09 01:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

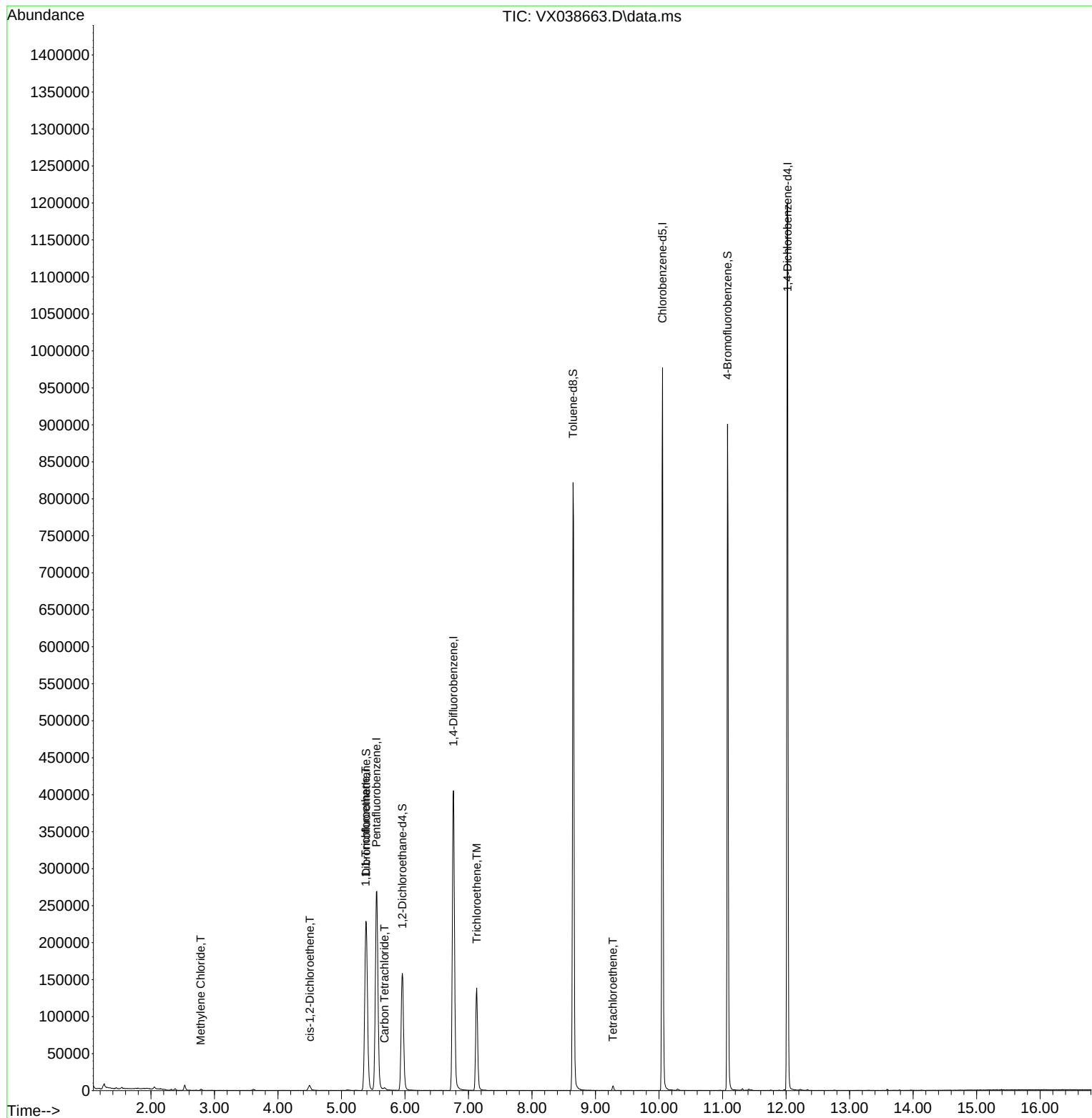
Internal Standards						
1) Pentafluorobenzene	5.550	168	276910	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	455574	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	280015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161868	46.953	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.900%
35) Dibromofluoromethane	5.385	113	155300	47.331	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	528454	45.008	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.020%#
62) 4-Bromofluorobenzene	11.079	95	238853	52.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.940%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.782	84	813	0.278	ug/l	90
27) cis-1,2-Dichloroethene	4.501	96	4814	1.482	ug/l	77
32) 1,1,1-Trichloroethane	5.379	97	58845	12.347	ug/l	96
38) Carbon Tetrachloride	5.678	117	2054	0.451	ug/l	# 83
44) Trichloroethene	7.129	130	57064	15.623	ug/l	93
64) Tetrachloroethene	9.275	164	1155	0.327	ug/l	91

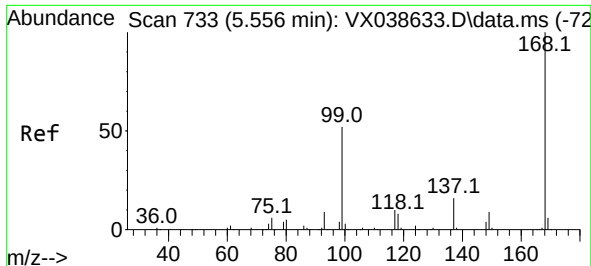
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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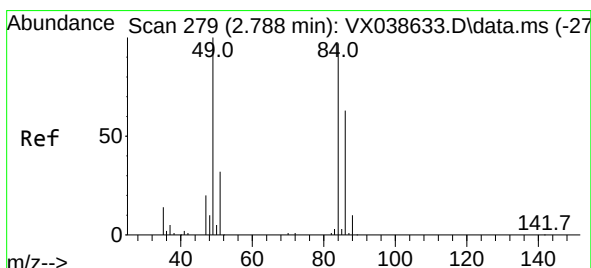
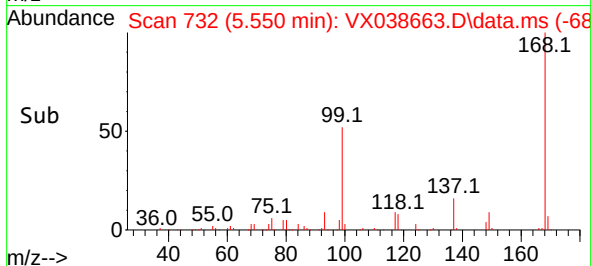
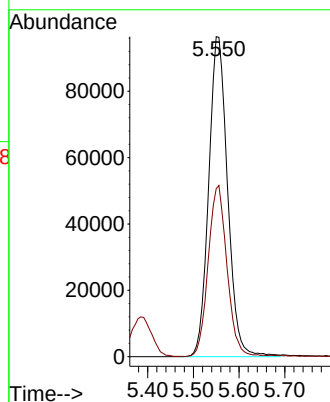
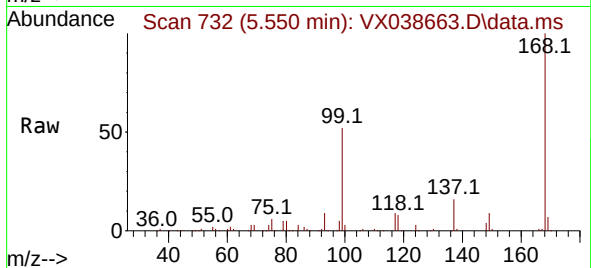




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

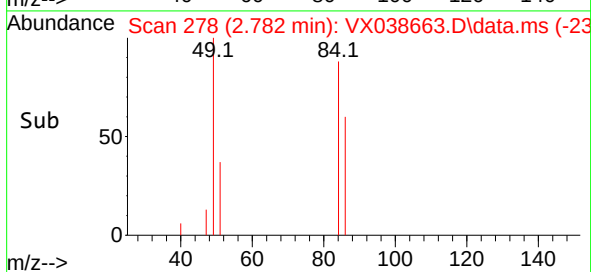
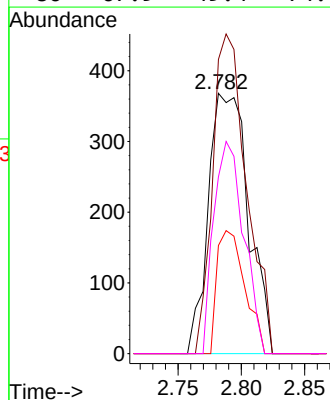
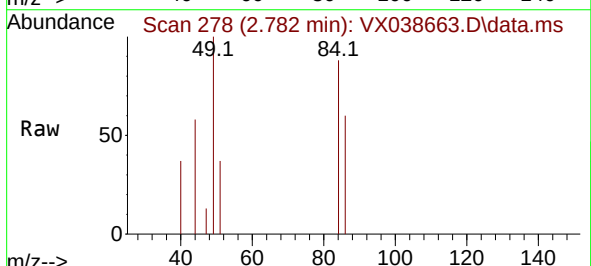
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-17-20231030

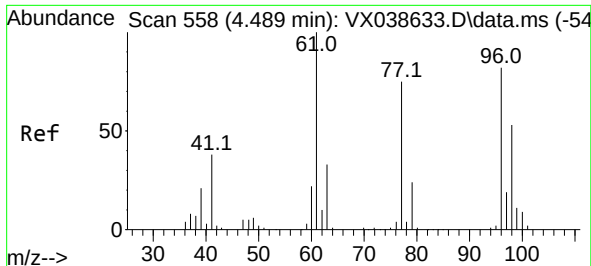
Tgt Ion:168 Resp: 276910
Ion Ratio Lower Upper
168 100
99 52.4 56.6 85.0#



#20
Methylene Chloride
Concen: 0.278 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion: 84 Resp: 813
Ion Ratio Lower Upper
84 100
49 113.0 103.6 155.4
51 41.6 33.8 50.6
86 67.9 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 1.482 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-17-20231030

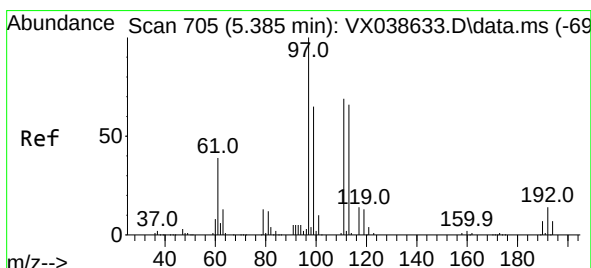
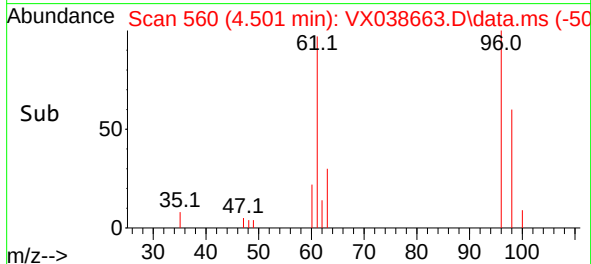
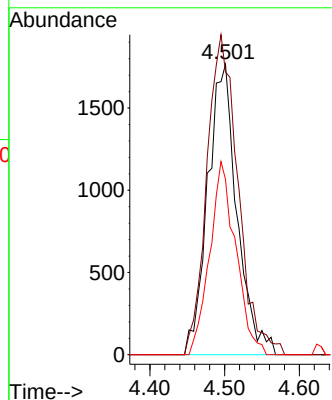
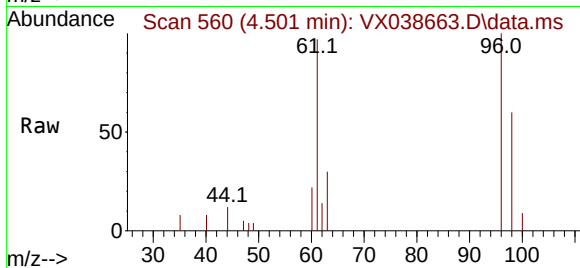
Tgt Ion: 96 Resp: 4814

Ion Ratio Lower Upper

96 100

61 117.1 0.0 312.2

98 59.3 0.0 129.0



#32

1,1,1-Trichloroethane

Concen: 12.347 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

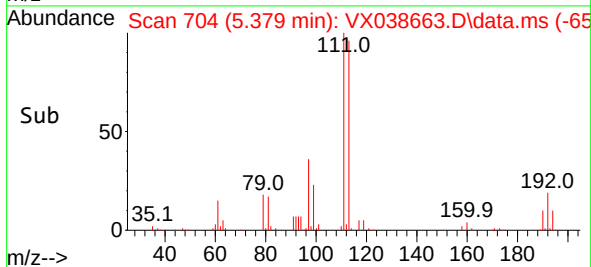
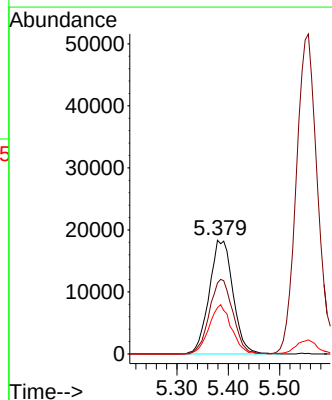
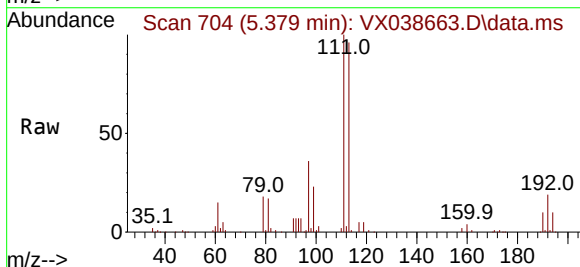
Tgt Ion: 97 Resp: 58845

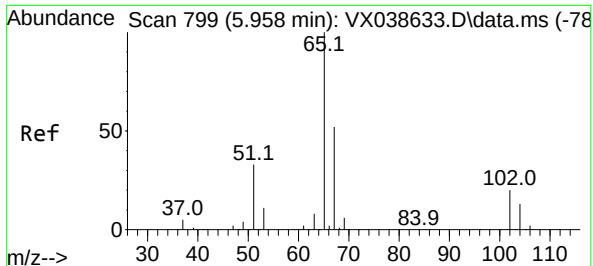
Ion Ratio Lower Upper

97 100

99 64.9 51.1 76.7

61 40.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.953 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

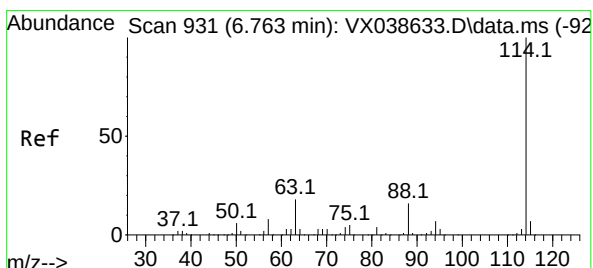
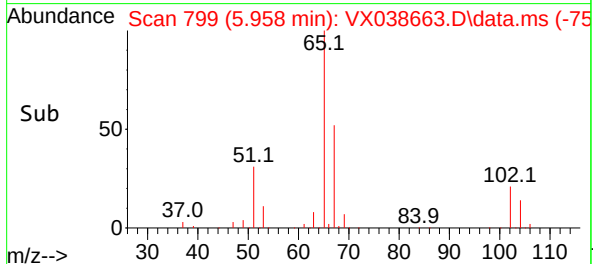
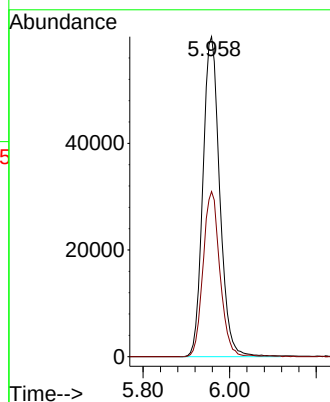
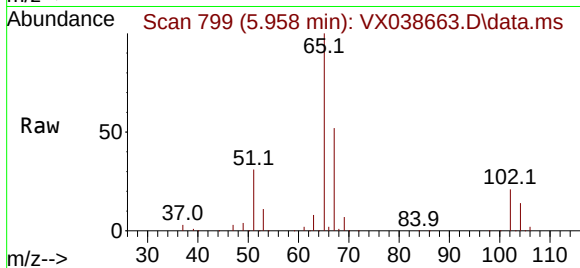
FSND-MW-17-20231030

Tgt Ion: 65 Resp: 161868

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

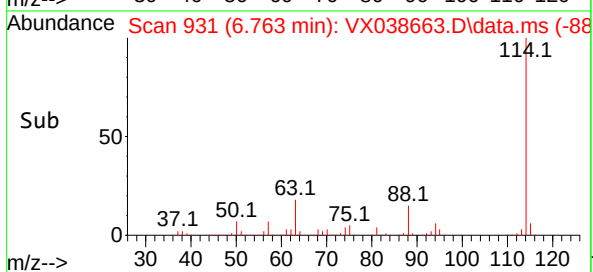
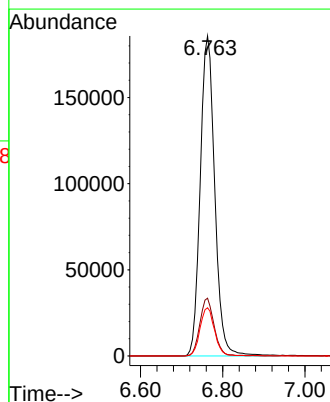
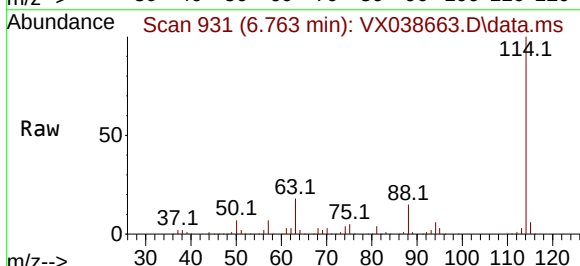
Tgt Ion: 114 Resp: 455574

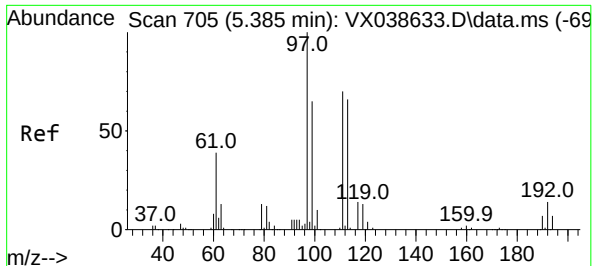
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 15.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.331 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-17-20231030

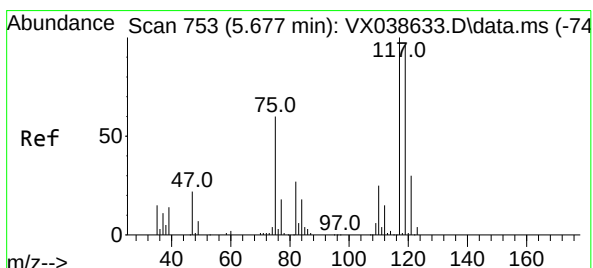
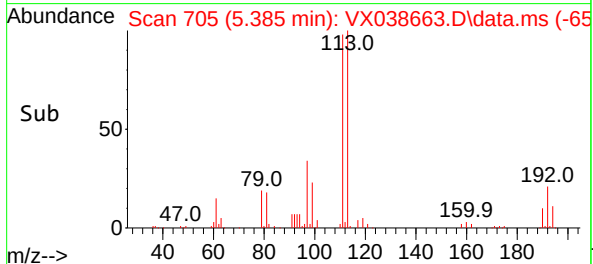
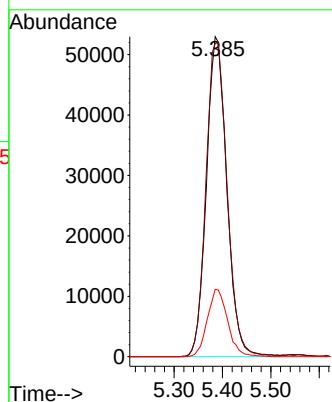
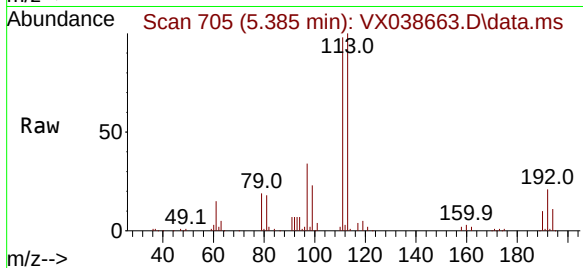
Tgt Ion:113 Resp: 155300

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 20.9 13.3 19.9#



#38

Carbon Tetrachloride

Concen: 0.451 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

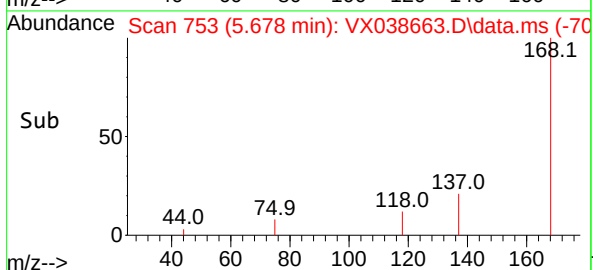
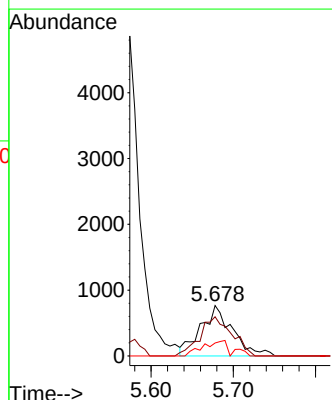
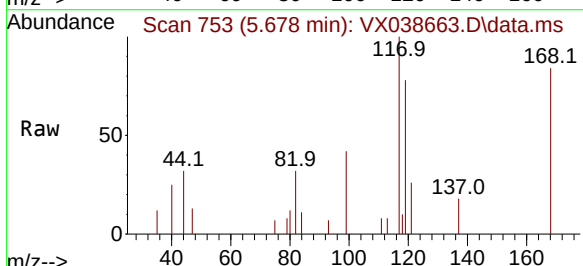
Tgt Ion:117 Resp: 2054

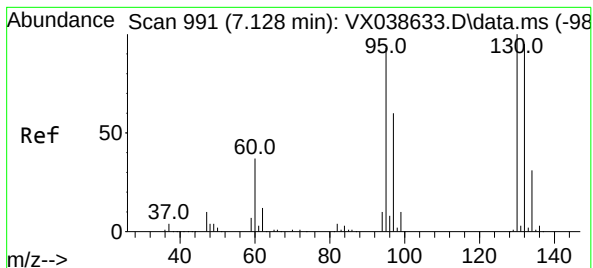
Ion Ratio Lower Upper

117 100

119 77.9 78.2 117.2#

121 25.9 24.4 36.6





#44

Trichloroethene

Concen: 15.623 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX038663.D

Acq: 08 Nov 2023 17:59

Instrument :

MSVOA_X

ClientSampleId :

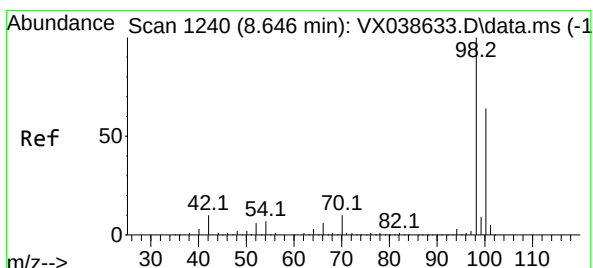
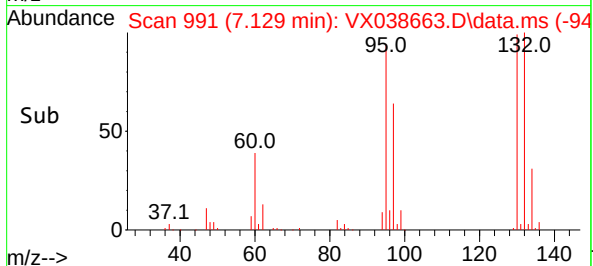
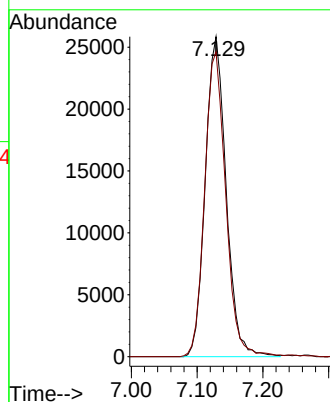
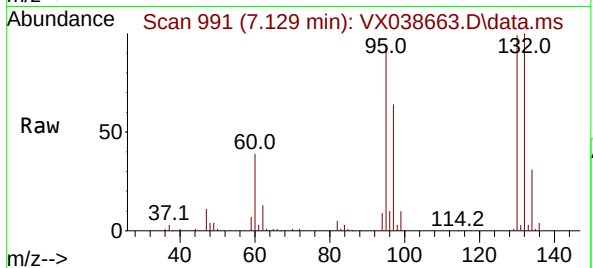
FSND-MW-17-20231030

Tgt Ion:130 Resp: 57064

Ion Ratio Lower Upper

130 100

95 95.3 0.0 204.4



#50

Toluene-d8

Concen: 45.008 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038663.D

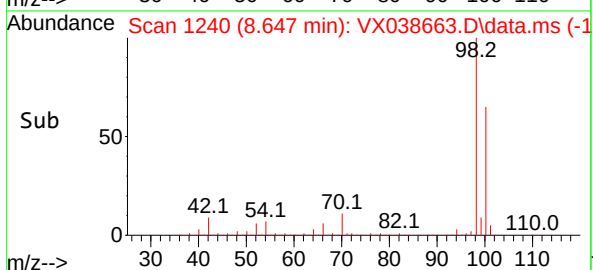
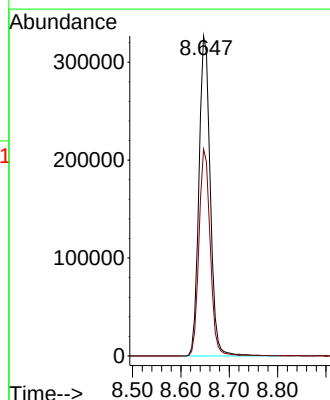
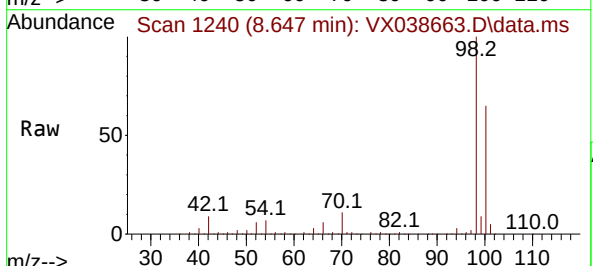
Acq: 08 Nov 2023 17:59

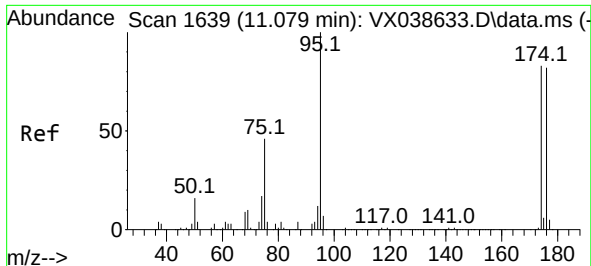
Tgt Ion: 98 Resp: 528454

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

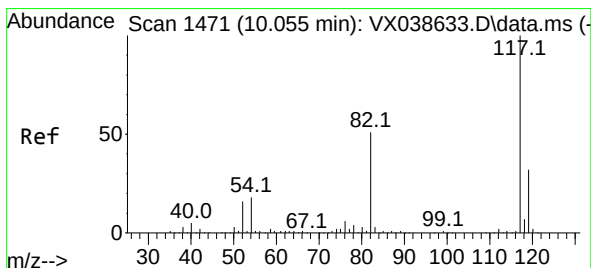
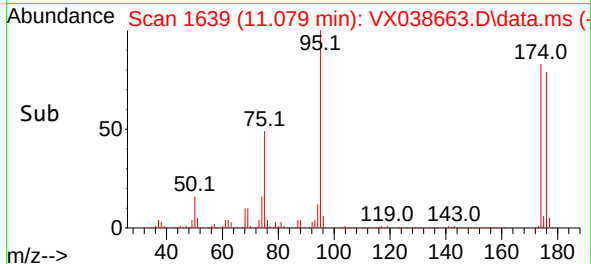
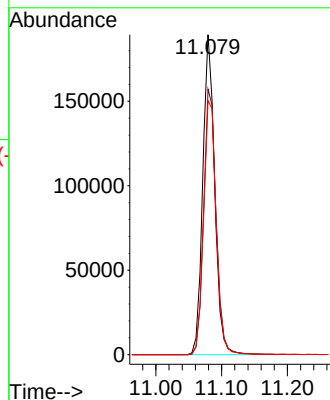
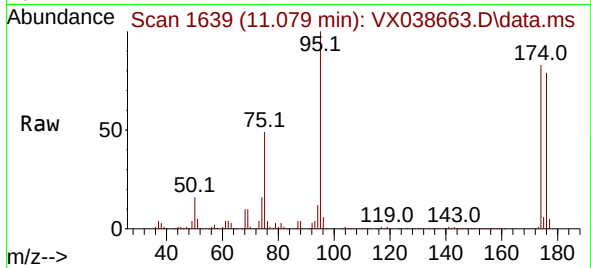




#62
4-Bromofluorobenzene
Concen: 52.469 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

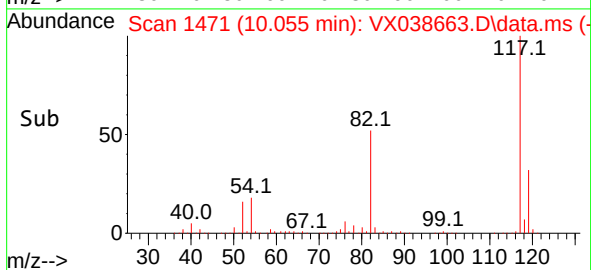
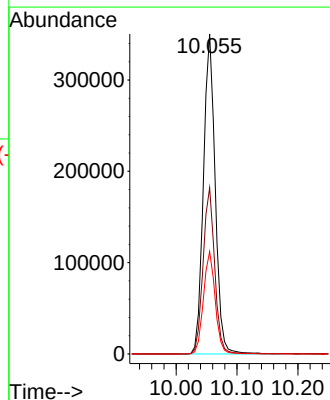
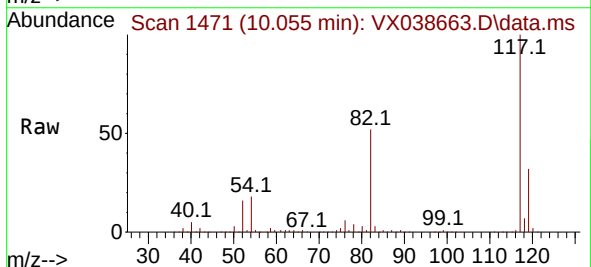
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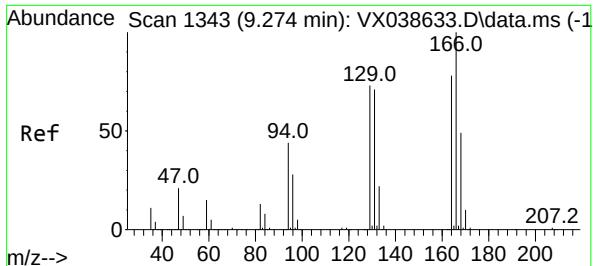
Tgt Ion: 95 Resp: 238853
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

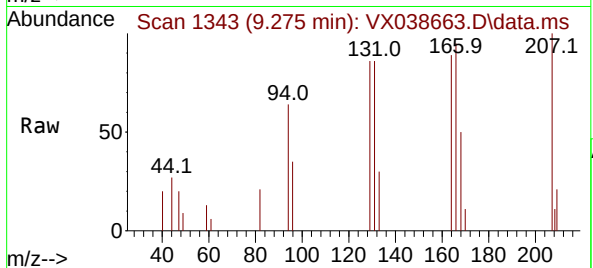
Tgt Ion: 117 Resp: 471678
Ion Ratio Lower Upper
117 100
82 52.0 46.2 69.4
119 32.0 25.5 38.3



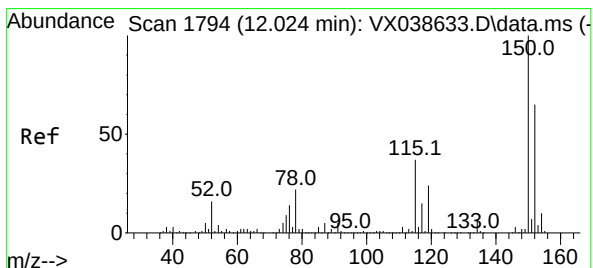
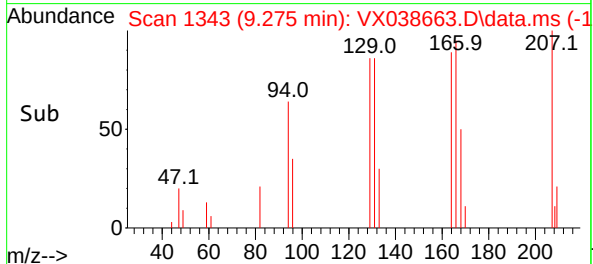
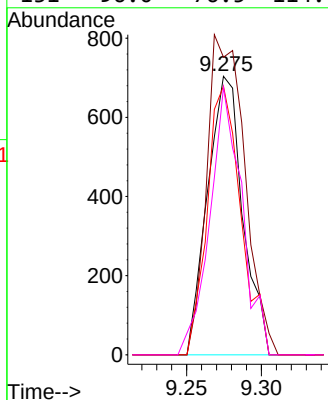


#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Instrument :
MSVOA_X
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FSND-MW-17-20231030



Tgt Ion:	164	Resp:	1155
Ion	Ratio	Lower	Upper
164	100		
166	106.8	102.7	154.1
129	96.4	80.4	120.6
131	96.0	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038663.D
Acq: 08 Nov 2023 17:59

Tgt Ion:	152	Resp:	280015
Ion	Ratio	Lower	Upper
152	100		
115	58.0	43.3	129.9
150	156.5	0.0	345.0

