

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038662.D
 Acq On : 08 Nov 2023 17:36
 Operator : JC/MD
 Sample : 05223-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20231030

Quant Time: Nov 09 01:21:46 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)

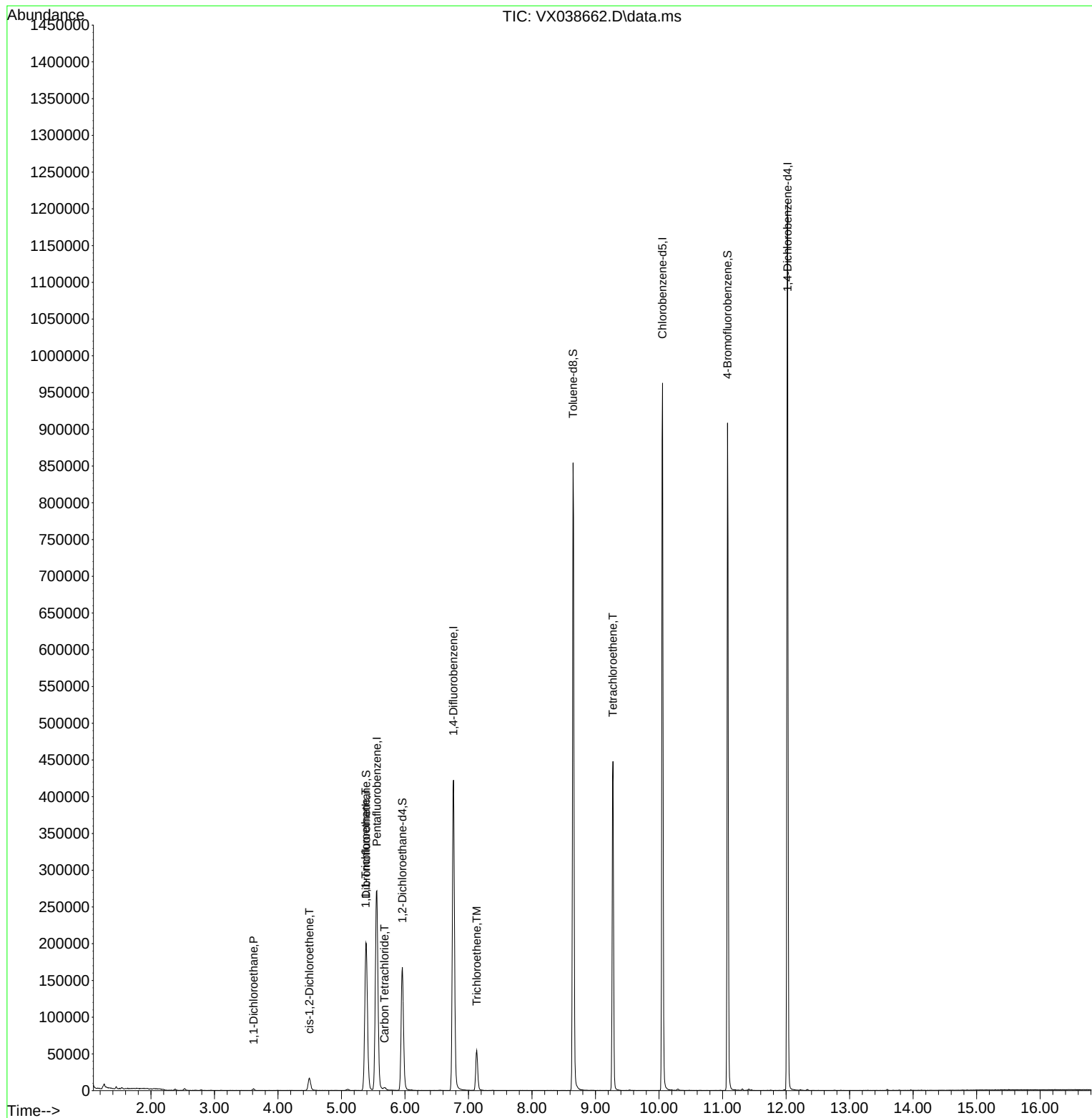
Internal Standards						
1) Pentafluorobenzene	5.556	168	283727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	468484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	475177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166037	47.005	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.020%
35) Dibromofluoromethane	5.385	113	157179	46.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.647	98	536546	44.438	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.880%#
62) 4-Bromofluorobenzene	11.079	95	238703	50.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
24) 1,1-Dichloroethane	3.617	63	2537	0.536	ug/l	# 89
27) cis-1,2-Dichloroethene	4.495	96	12132	3.645	ug/l	76
32) 1,1,1-Trichloroethane	5.379	97	25809	5.285	ug/l	96
38) Carbon Tetrachloride	5.678	117	2683	0.573	ug/l	# 87
44) Trichloroethene	7.129	130	23407	6.232	ug/l	91
64) Tetrachloroethene	9.275	164	90134	25.341	ug/l	97

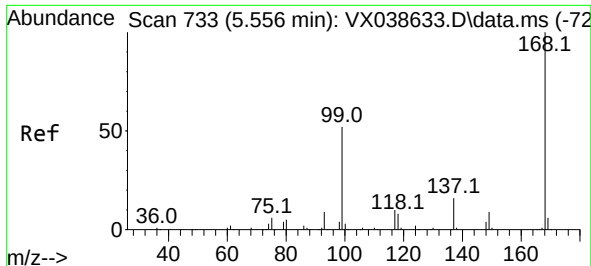
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038662.D

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Instrument :

MSVOA_X

ClientSampleId :

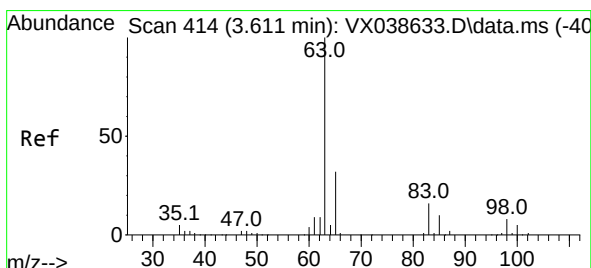
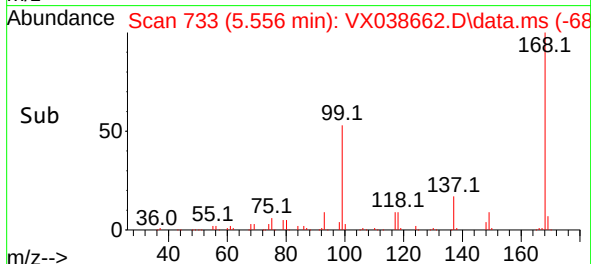
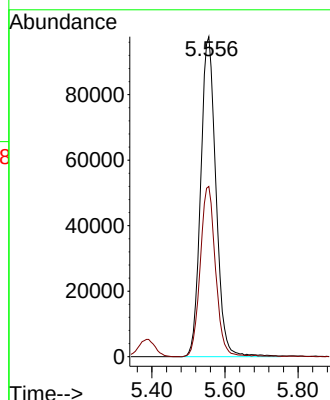
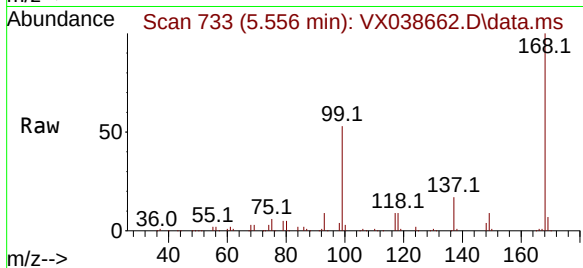
FSND-MW-14-20231030

Tgt Ion:168 Resp: 283727

Ion Ratio Lower Upper

168 100

99 53.2 56.6 85.0#



#24

1,1-Dichloroethane

Concen: 0.536 ug/l

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX038662.D

Acq: 08 Nov 2023 17:36

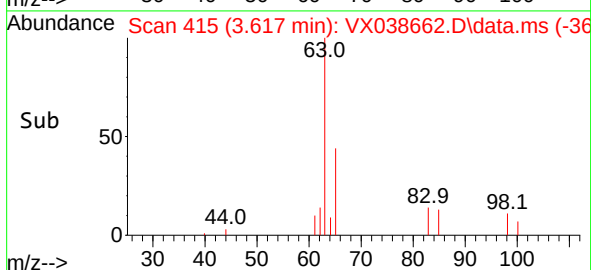
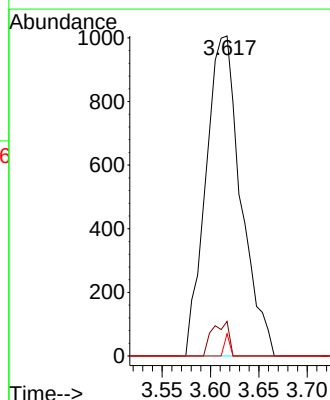
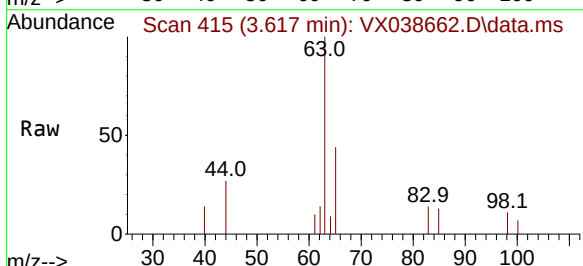
Tgt Ion: 63 Resp: 2537

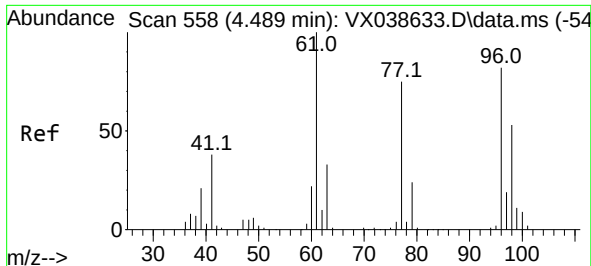
Ion Ratio Lower Upper

63 100

98 10.8 3.3 9.8#

100 7.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 3.645 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX038662.D

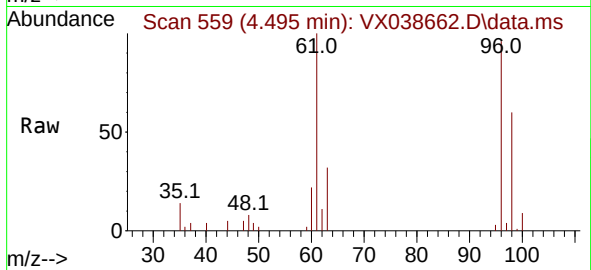
Acq: 08 Nov 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-14-20231030



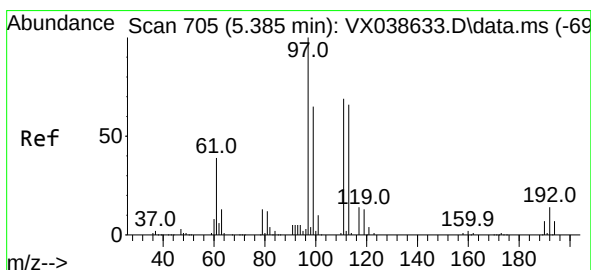
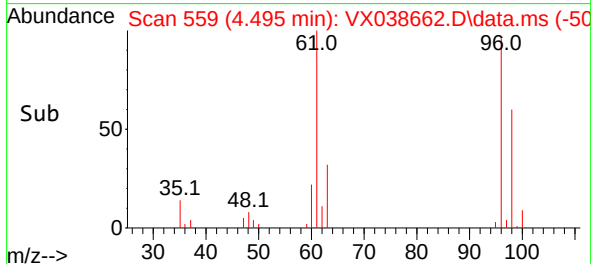
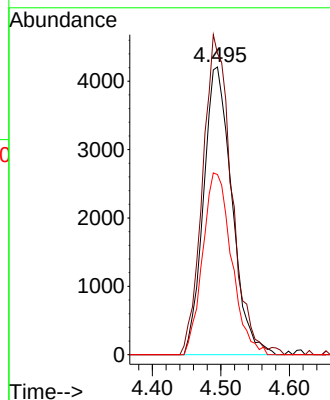
Tgt Ion: 96 Resp: 12132

Ion Ratio Lower Upper

96 100

61 112.4 0.0 312.2

98 64.3 0.0 129.0



#32

1,1,1-Trichloroethane

Concen: 5.285 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX038662.D

Acq: 08 Nov 2023 17:36

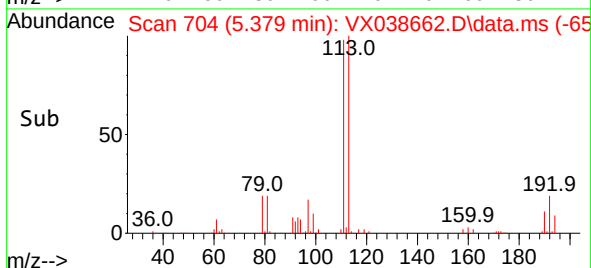
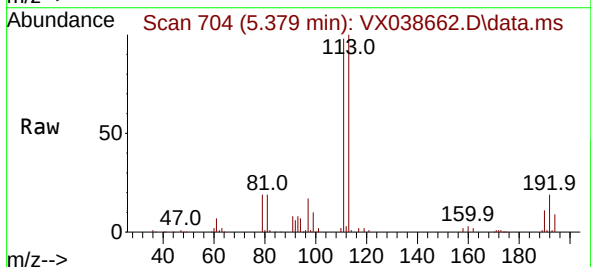
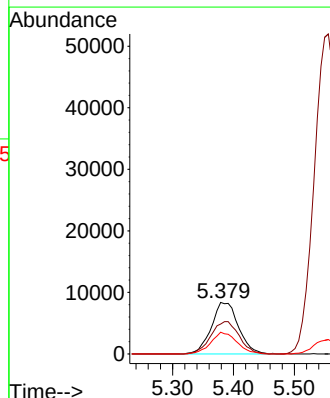
Tgt Ion: 97 Resp: 25809

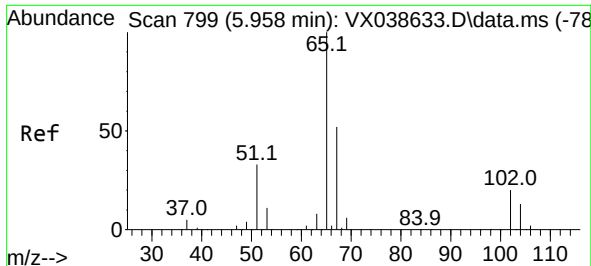
Ion Ratio Lower Upper

97 100

99 65.5 51.1 76.7

61 40.4 36.4 54.6

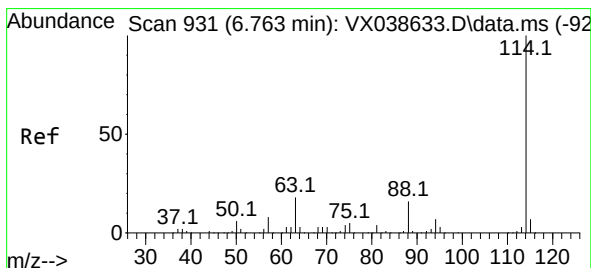
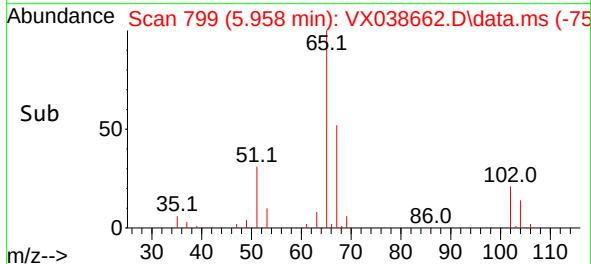
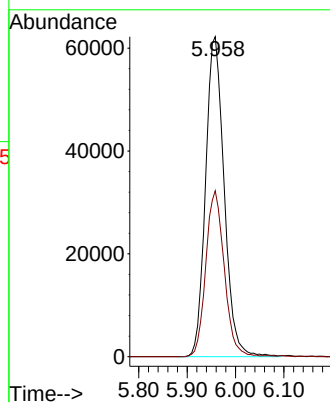
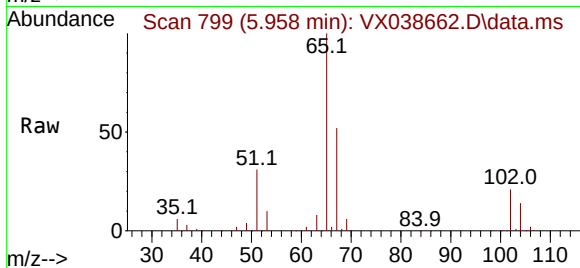




#33
 1,2-Dichloroethane-d4
 Concen: 47.005 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038662.D
 Acq: 08 Nov 2023 17:36

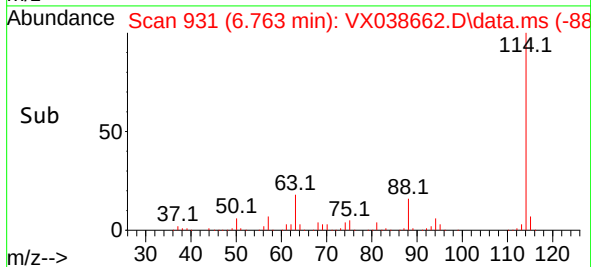
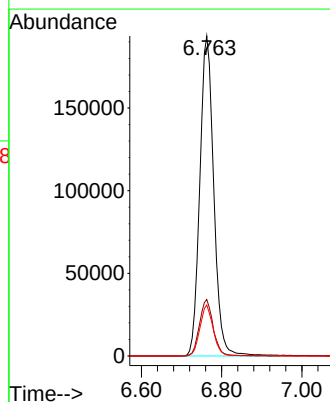
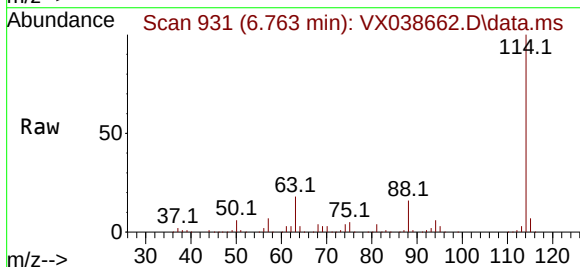
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-14-20231030

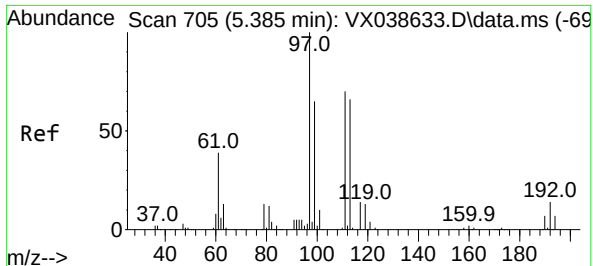
Tgt Ion: 65 Resp: 166037
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038662.D
 Acq: 08 Nov 2023 17:36

Tgt Ion: 114 Resp: 468484
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 45.0
 88 15.9 0.0 36.6

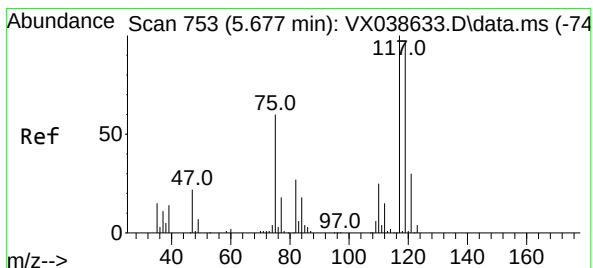
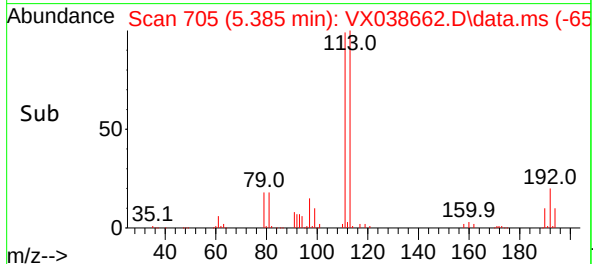
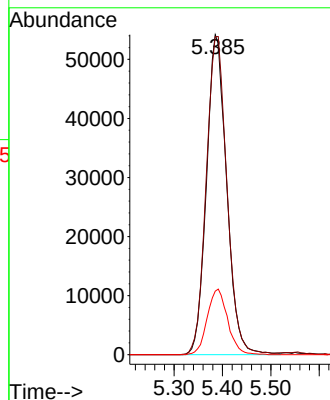
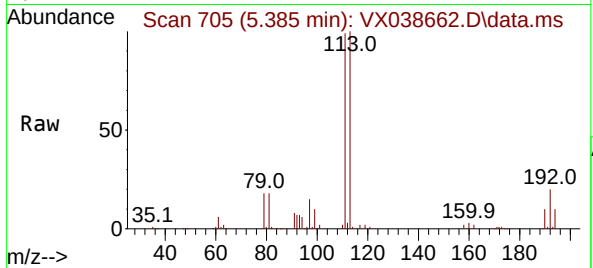




#35
Dibromofluoromethane
Concen: 46.583 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

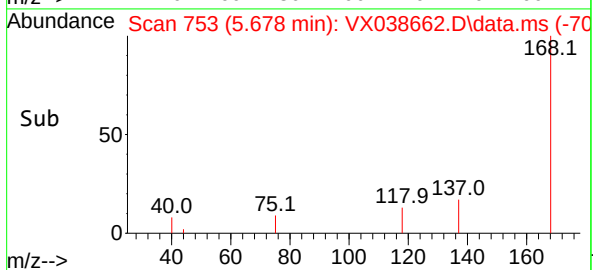
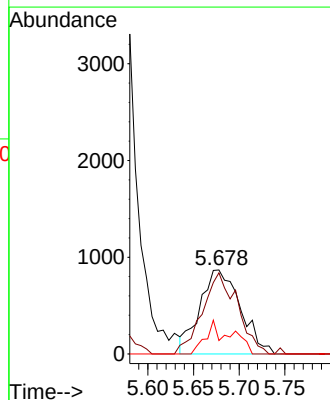
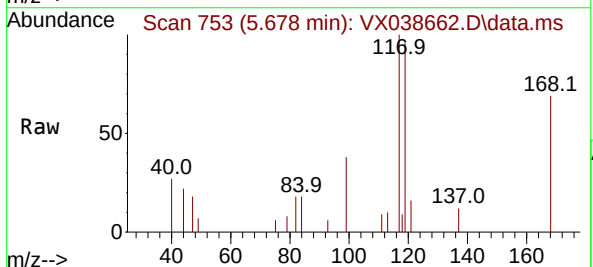
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

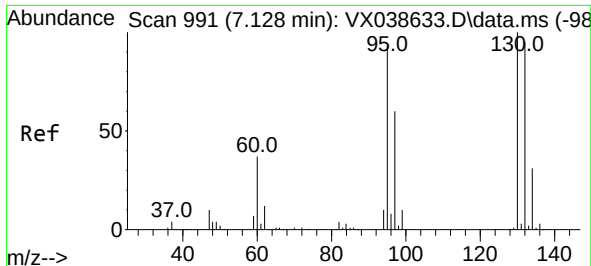
Tgt Ion:113 Resp: 157179
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 20.7 13.3 19.9#



#38
Carbon Tetrachloride
Concen: 0.573 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion:117 Resp: 2683
Ion Ratio Lower Upper
117 100
119 89.2 78.2 117.2
121 16.1 24.4 36.6#

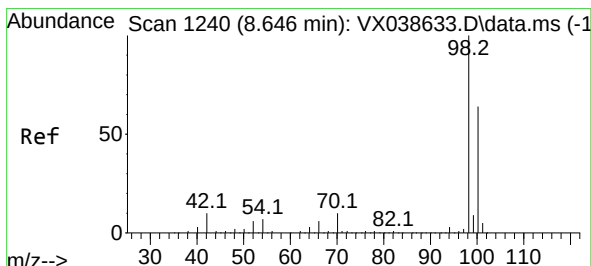
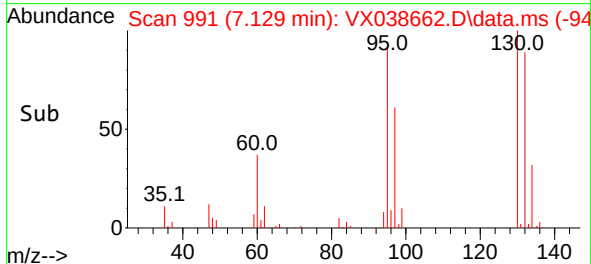
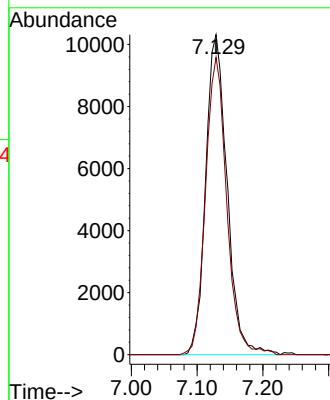
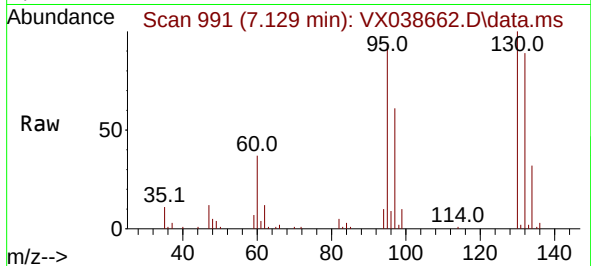




#44
Trichloroethene
Concen: 6.232 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

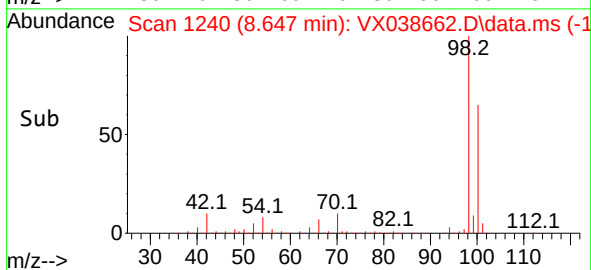
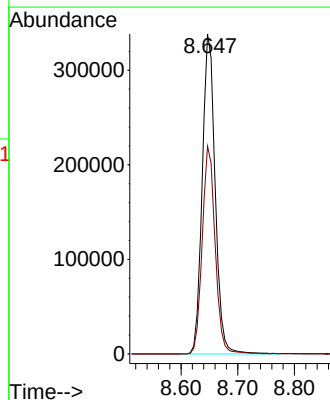
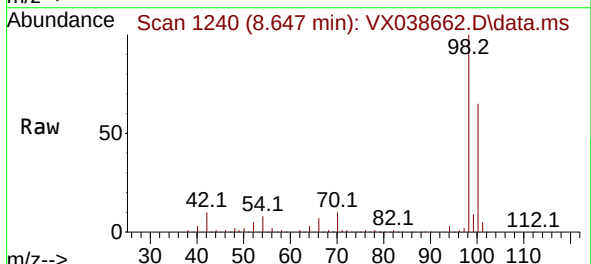
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

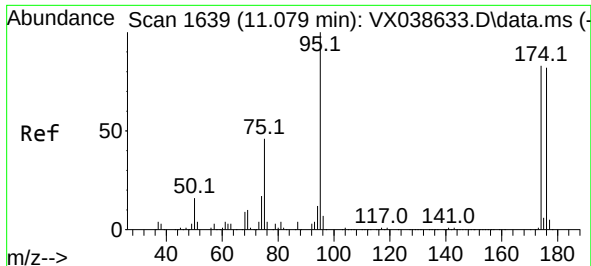
Tgt Ion:130 Resp: 23407
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.4



#50
Toluene-d8
Concen: 44.438 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion: 98 Resp: 536546
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 50.991 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038662.D

Acq: 08 Nov 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-14-20231030

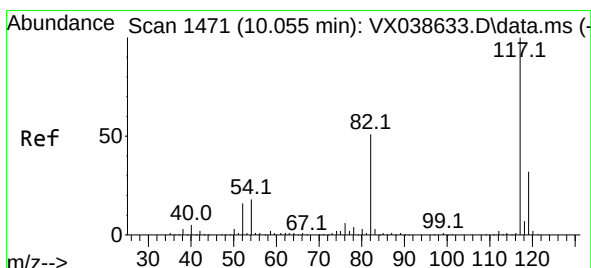
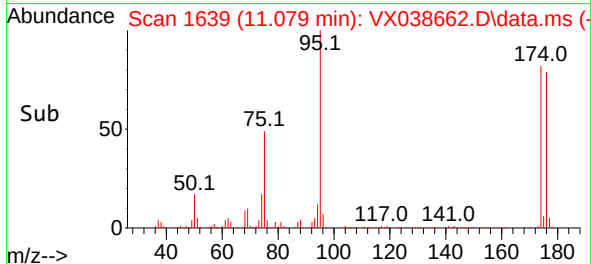
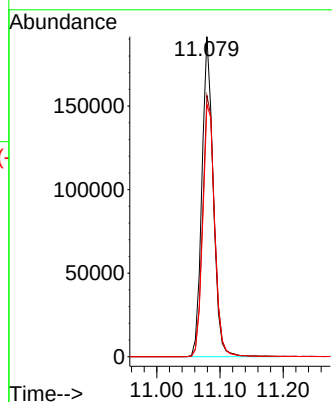
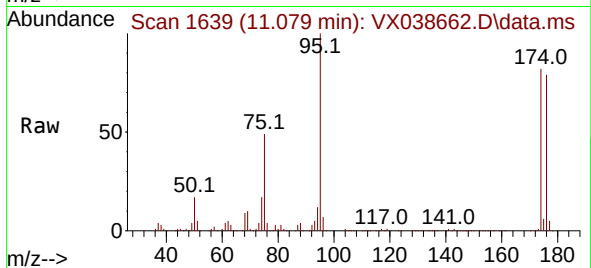
Tgt Ion: 95 Resp: 238703

Ion Ratio Lower Upper

95 100

174 86.0 0.0 135.6

176 82.8 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: VX038662.D

Acq: 08 Nov 2023 17:36

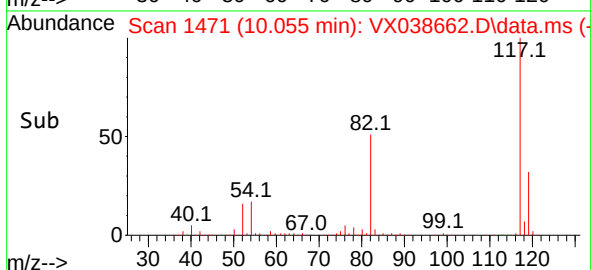
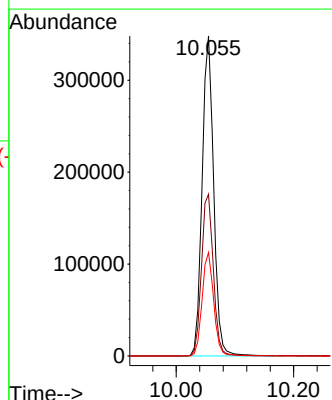
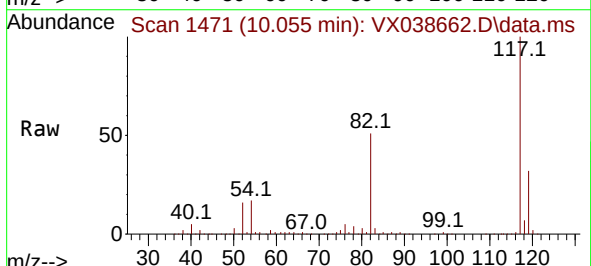
Tgt Ion: 117 Resp: 475177

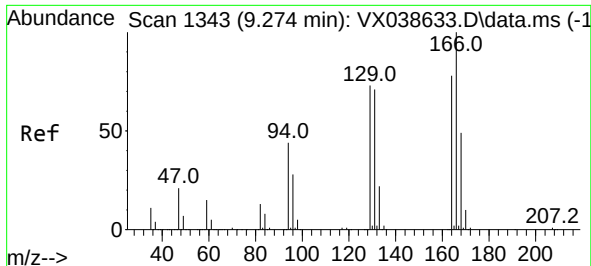
Ion Ratio Lower Upper

117 100

82 50.5 46.2 69.4

119 32.4 25.5 38.3



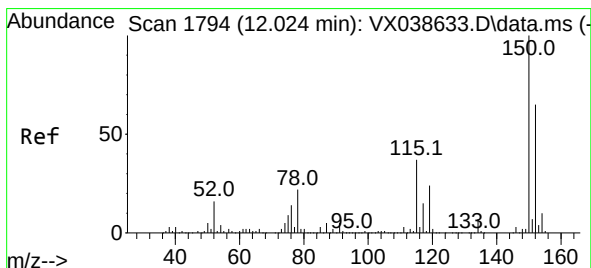
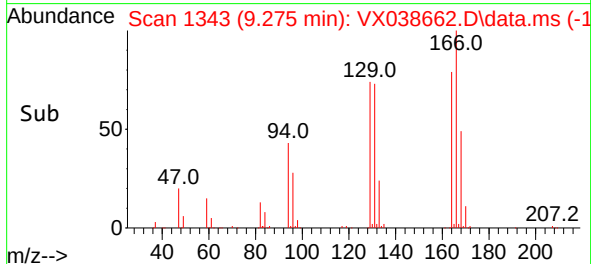
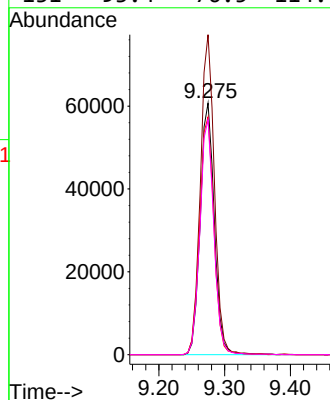
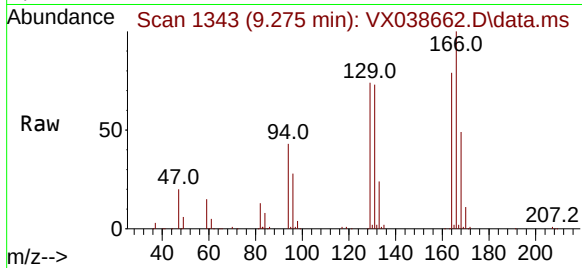


#64
Tetrachloroethene
Concen: 25.341 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038662.D
Acq: 08 Nov 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-14-20231030

Tgt Ion:164 Resp: 90134

Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.7	154.1
129	94.5	80.4	120.6
131	93.4	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: VX038662.D
Acq: 08 Nov 2023 17:36

Tgt Ion:152 Resp: 273768

Ion	Ratio	Lower	Upper
152	100		
115	58.5	43.3	129.9
150	158.6	0.0	345.0

