

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038658.D
 Acq On : 08 Nov 2023 16:04
 Operator : JC/MD
 Sample : 05223-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20231030RE

Quant Time: Nov 09 01:20:57 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)

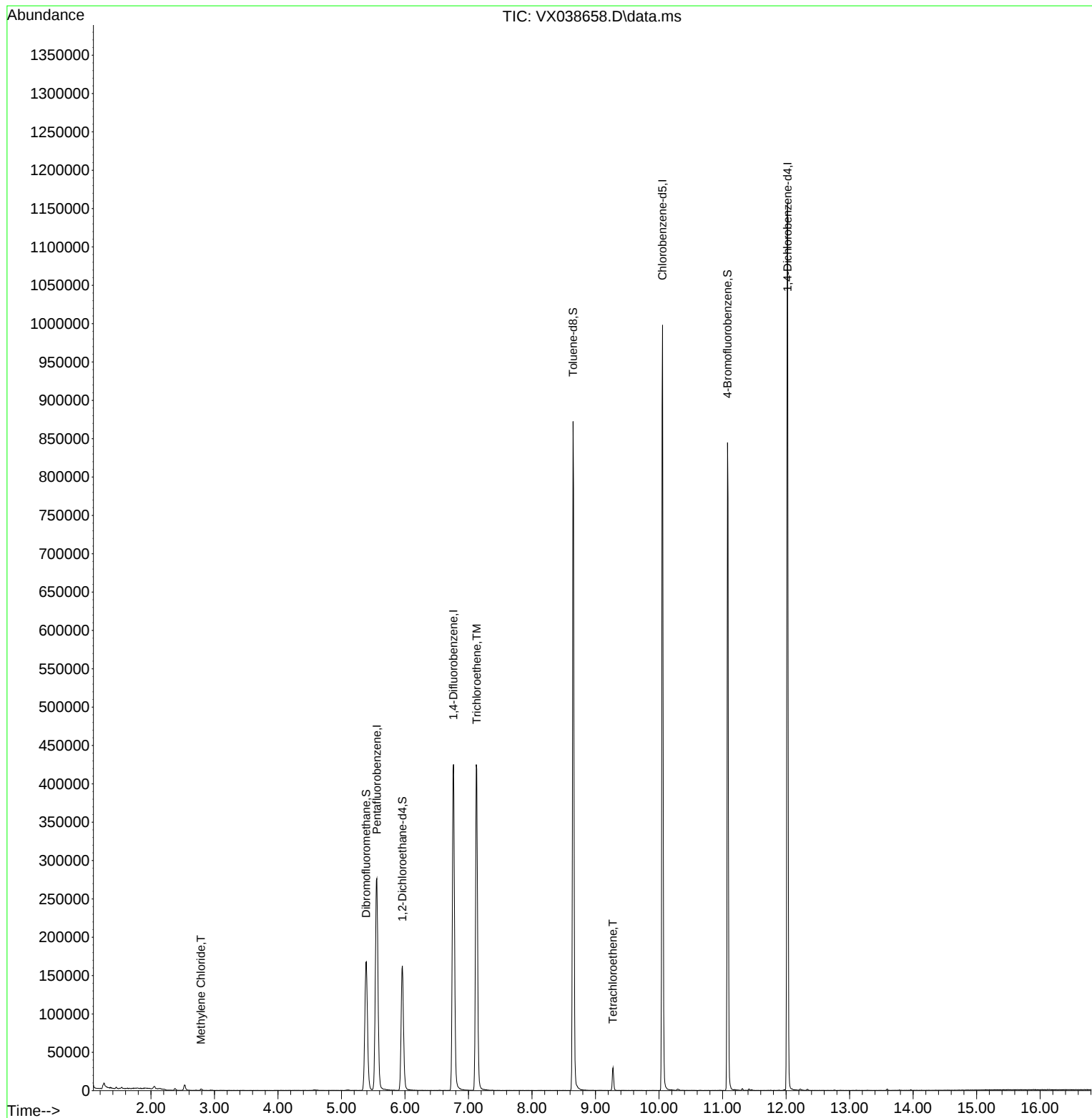
Internal Standards						
1) Pentafluorobenzene	5.556	168	285082	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	477315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	488151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	161130	45.399	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.800%
35) Dibromofluoromethane	5.385	113	149467	43.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.960%
50) Toluene-d8	8.647	98	543707	44.198	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	88.400%#
62) 4-Bromofluorobenzene	11.079	95	228522	47.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.788	84	1032	0.342	ug/l	# 74
44) Trichloroethene	7.129	130	178034	46.521	ug/l	90
64) Tetrachloroethene	9.275	164	5853	1.602	ug/l	90

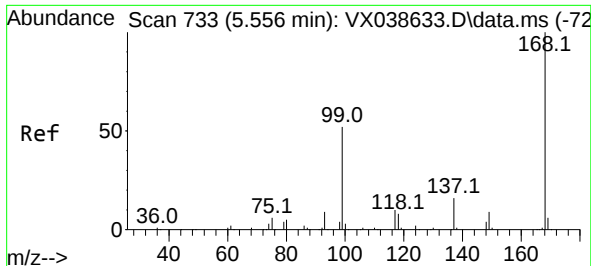
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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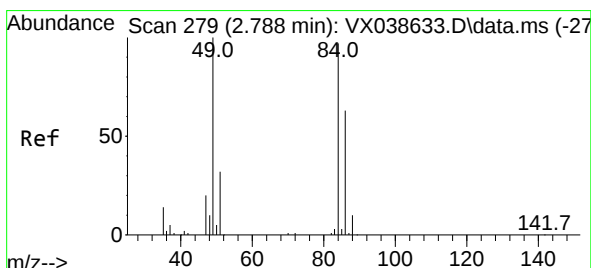
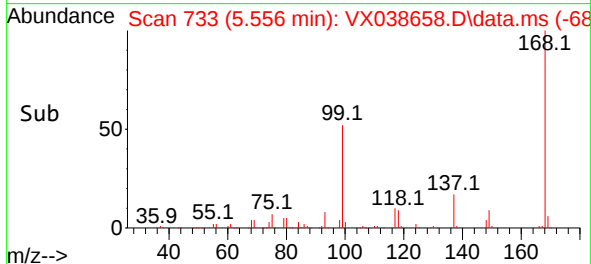
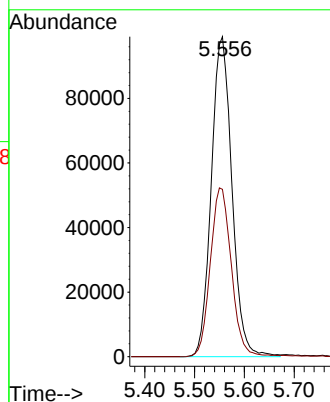
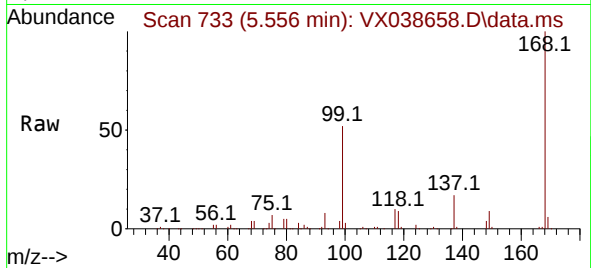




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

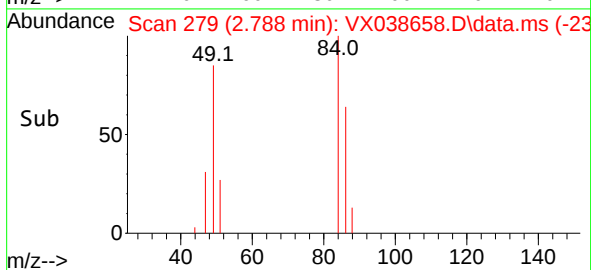
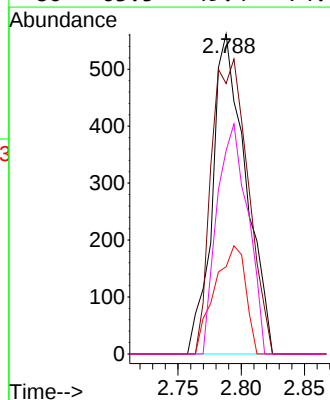
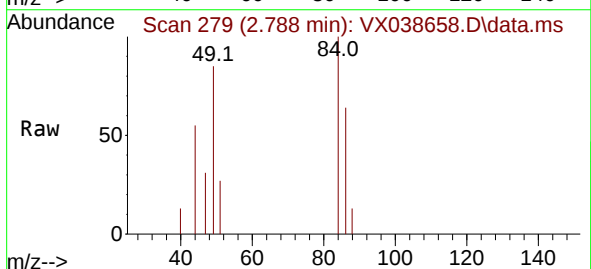
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20231030RE

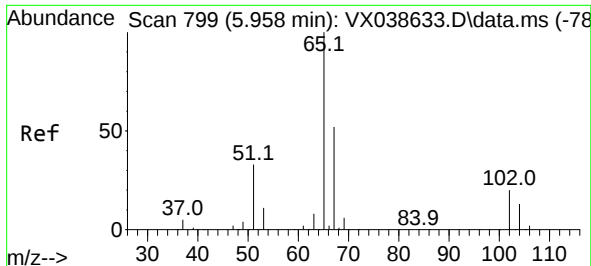
Tgt Ion:168 Resp: 285082
Ion Ratio Lower Upper
168 100
99 52.3 56.6 85.0#



#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 84 Resp: 1032
Ion Ratio Lower Upper
84 100
49 84.5 103.6 155.4#
51 27.2 33.8 50.6#
86 63.5 49.4 74.0

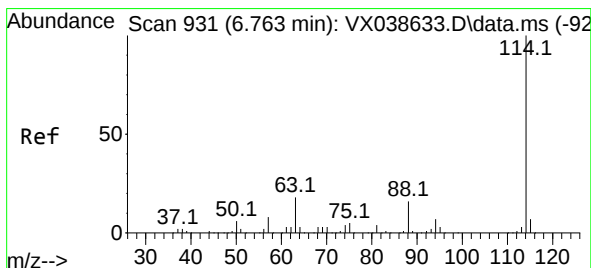
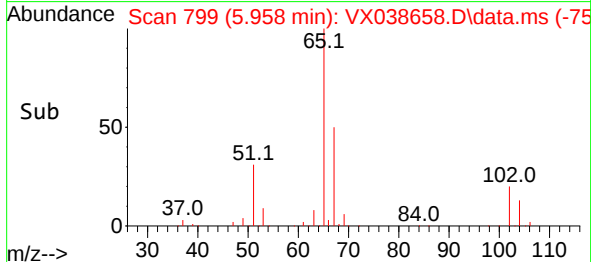
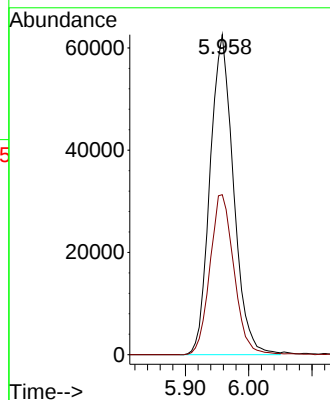
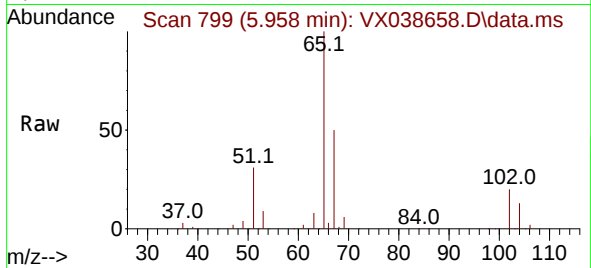




#33
 1,2-Dichloroethane-d4
 Concen: 45.399 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038658.D
 Acq: 08 Nov 2023 16:04

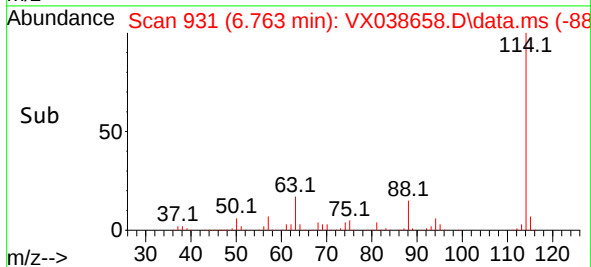
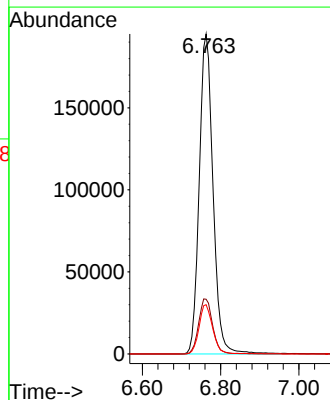
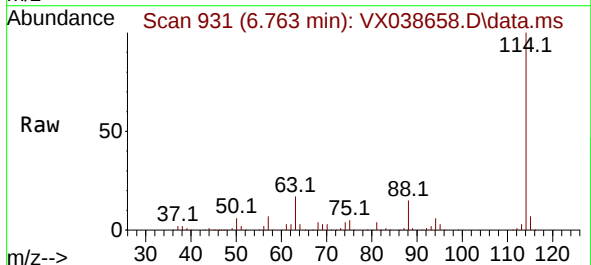
Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-20-20231030RE

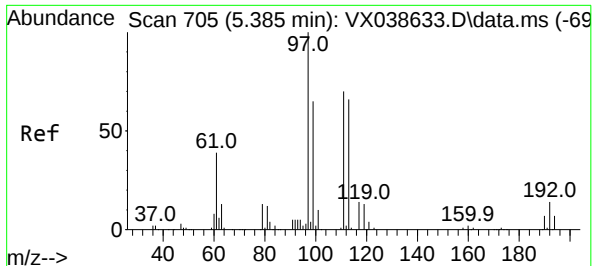
Tgt Ion: 65 Resp: 161130
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038658.D
 Acq: 08 Nov 2023 16:04

Tgt Ion: 114 Resp: 477315
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 45.0
 88 15.4 0.0 36.6

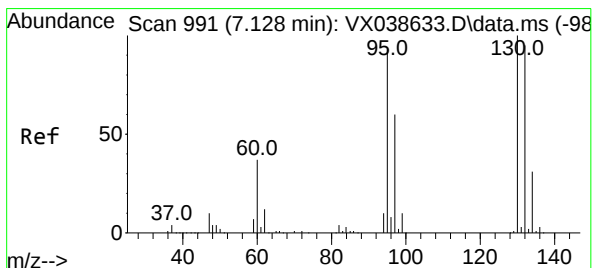
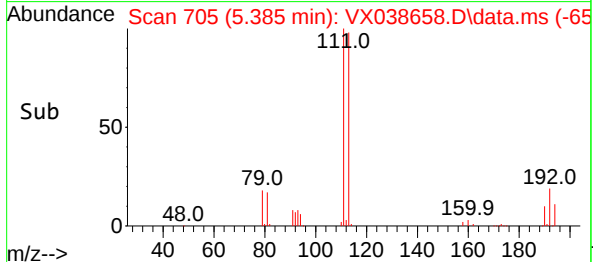
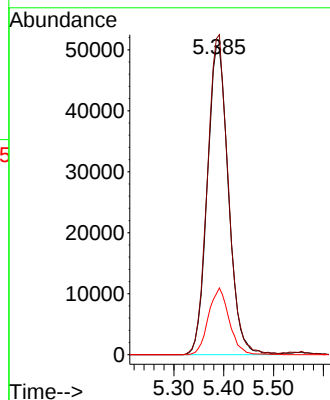
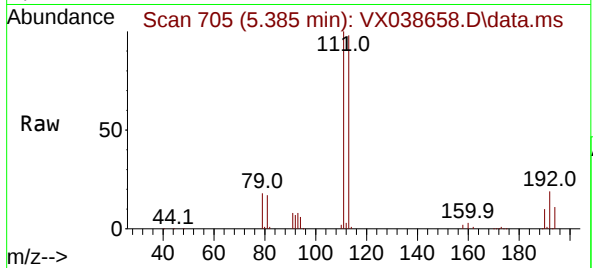




#35
Dibromofluoromethane
Concen: 43.478 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

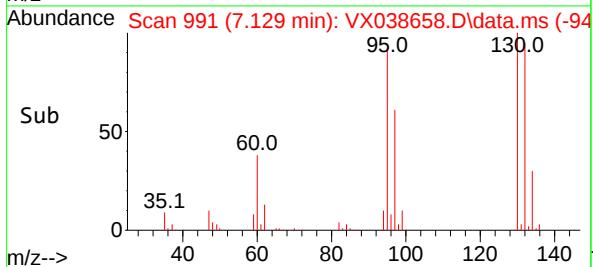
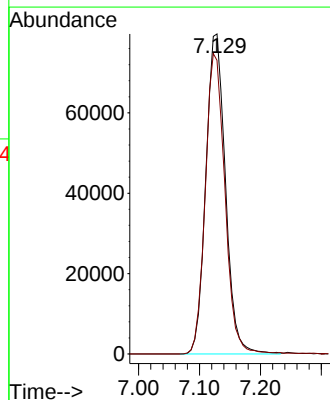
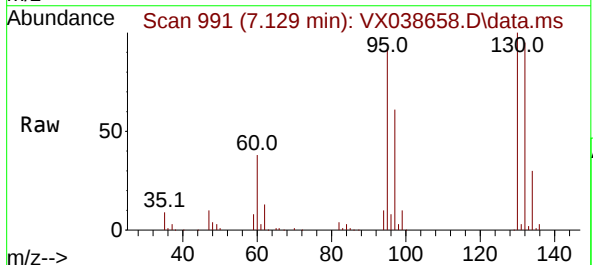
Instrument :
MSVOA_X
ClientSampleId :
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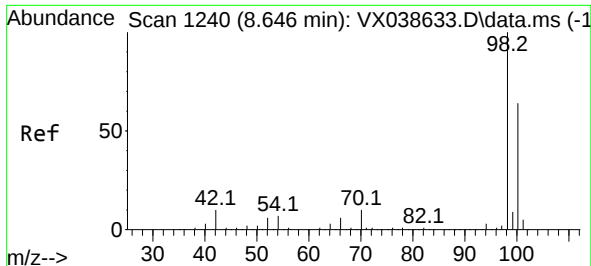
Tgt Ion:113 Resp: 149467
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 21.1 13.3 19.9#



#44
Trichloroethene
Concen: 46.521 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion:130 Resp: 178034
Ion Ratio Lower Upper
130 100
95 91.8 0.0 204.4

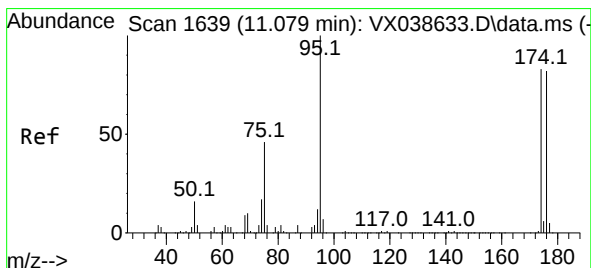
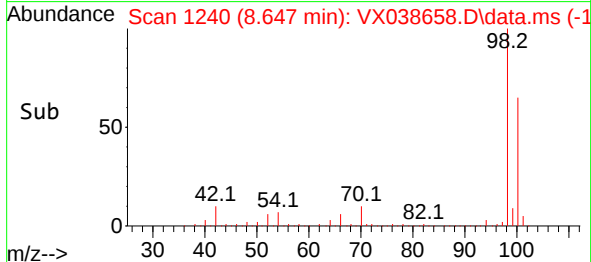
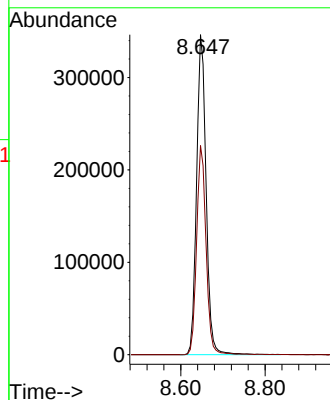
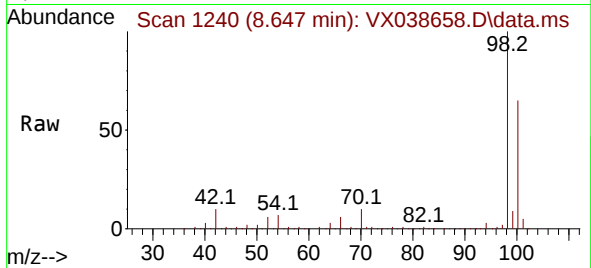




#50
Toluene-d8
Concen: 44.198 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

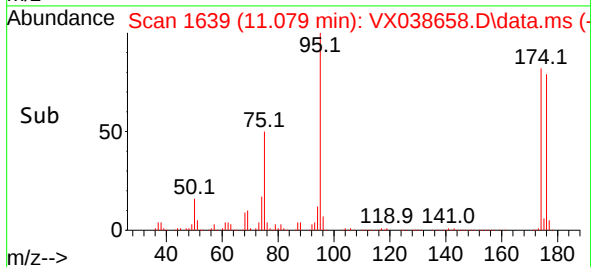
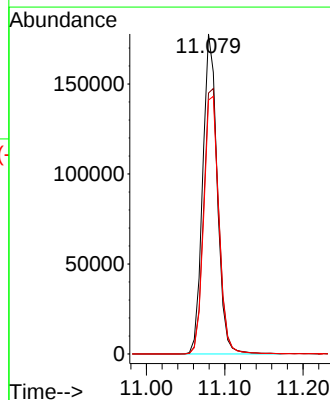
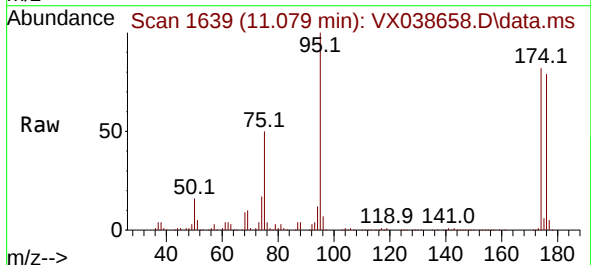
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-20-20231030RE

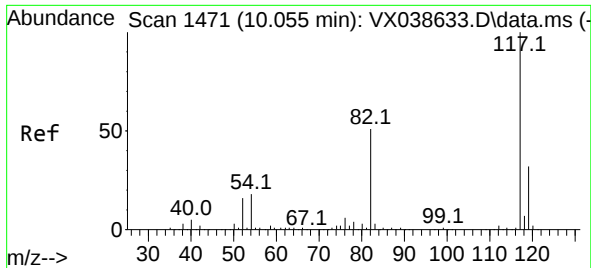
Tgt Ion: 98 Resp: 543707
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion: 95 Resp: 228522
Ion Ratio Lower Upper
95 100
174 86.9 0.0 135.6
176 83.9 0.0 131.0

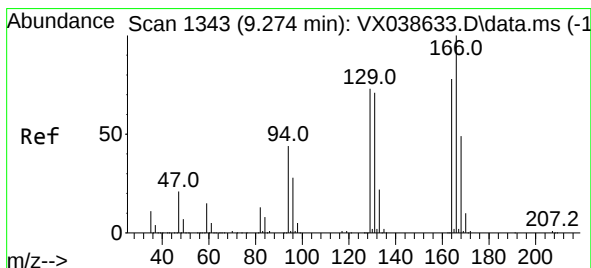
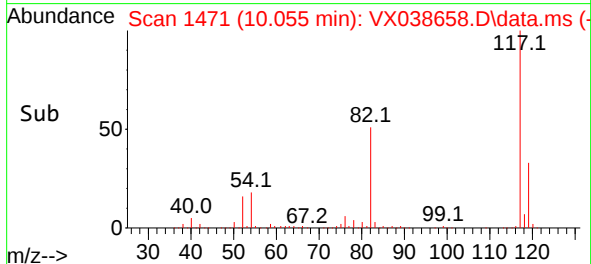
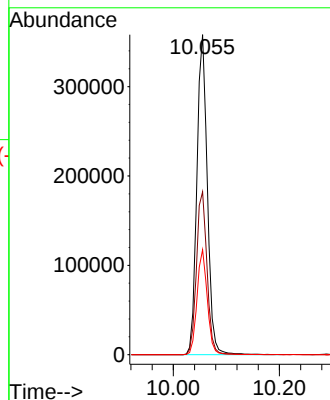
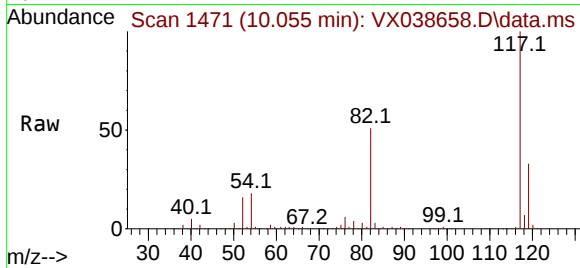




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

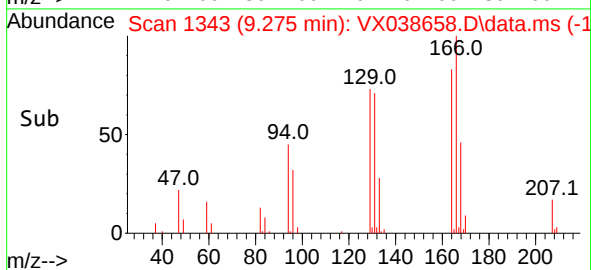
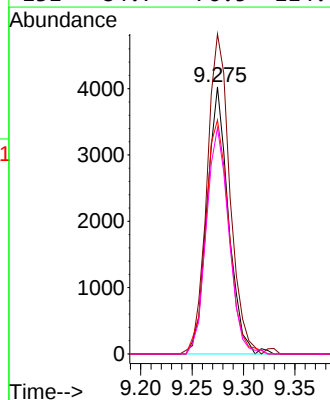
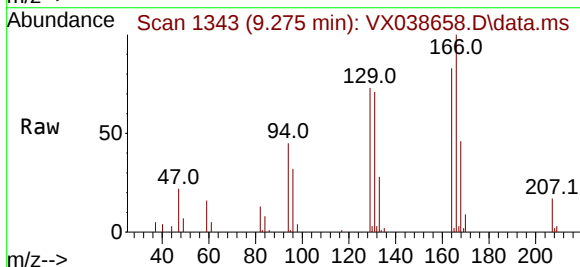
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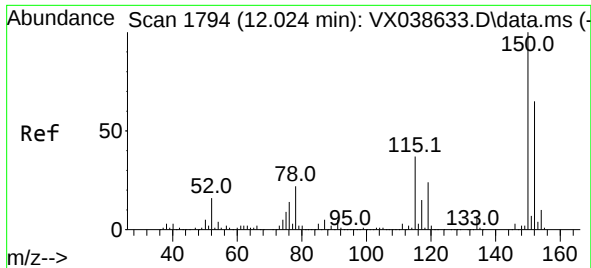
Tgt Ion:	117	Resp:	488151
Ion	Ratio	Lower	Upper
117	100		
82	50.9	46.2	69.4
119	32.8	25.5	38.3



#64
Tetrachloroethene
Concen: 1.602 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038658.D
Acq: 08 Nov 2023 16:04

Tgt Ion:	164	Resp:	5853
Ion	Ratio	Lower	Upper
164	100		
166	119.8	102.7	154.1
129	87.6	80.4	120.6
131	84.7	76.5	114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX038658.D

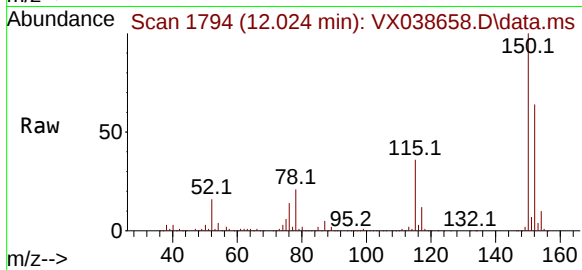
Acq: 08 Nov 2023 16:04

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-20-20231030RE



Tgt Ion:152 Resp: 274536

Ion Ratio Lower Upper

152 100

115 57.4 43.3 129.9

150 157.6 0.0 345.0

