

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038703.D
 Acq On : 10 Nov 2023 04:41
 Operator : JC/MD
 Sample : 05241-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-MW-15-20231102

Quant Time: Nov 10 05:28:52 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)

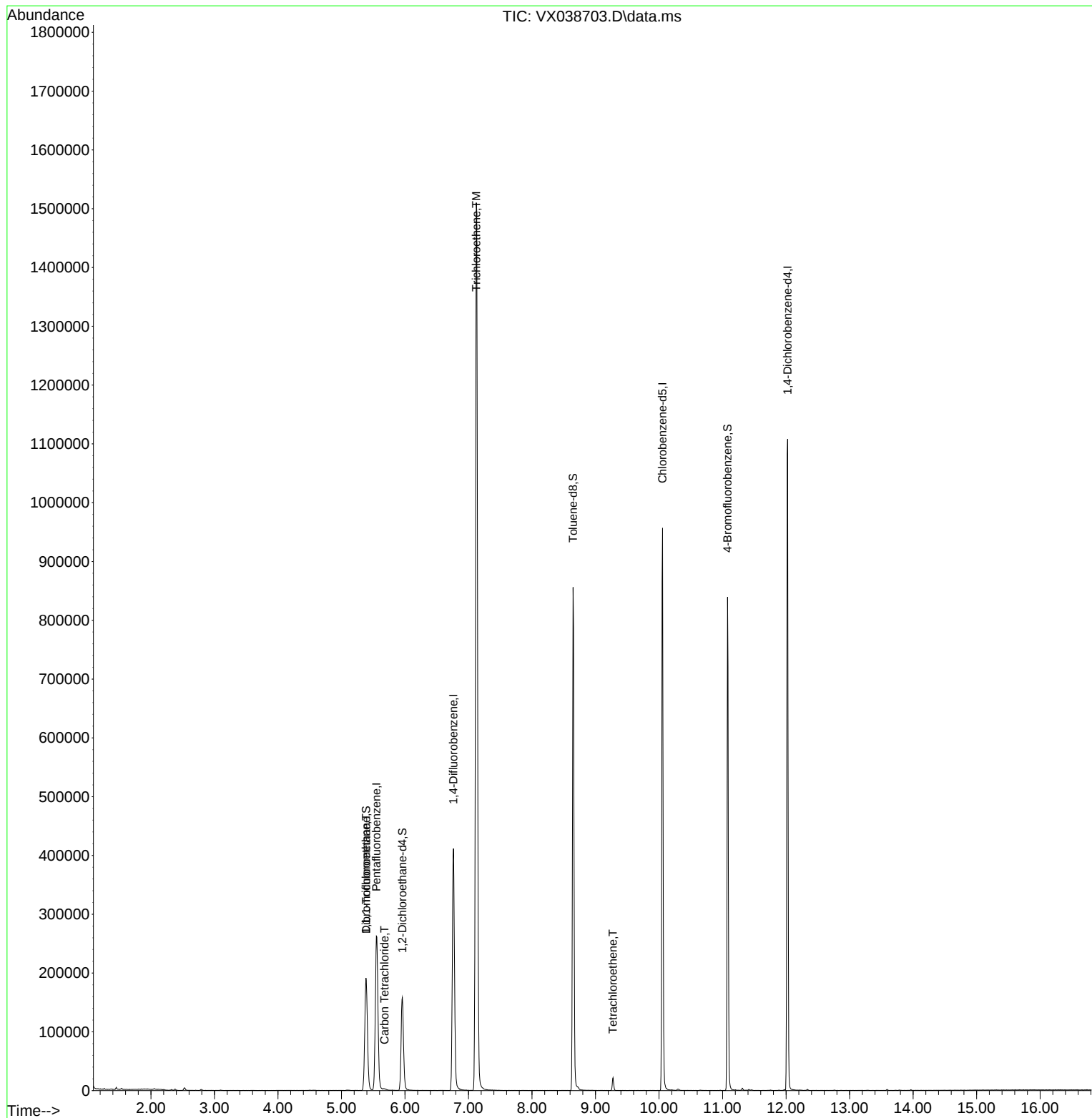
Internal Standards						
1) Pentafluorobenzene	5.550	168	276216	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	457754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157630	45.839	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.680%
35) Dibromofluoromethane	5.385	113	150881	45.765	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.520%
50) Toluene-d8	8.647	98	544974	46.194	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.380%
62) 4-Bromofluorobenzene	11.079	95	228619	49.982	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.960%
Target Compounds						
					Qvalue	
32) 1,1,1-Trichloroethane	5.385	97	24835	5.224	ug/l	96
38) Carbon Tetrachloride	5.678	117	1897	0.414	ug/l	# 84
44) Trichloroethene	7.123	130	638600	173.998	ug/l	92
64) Tetrachloroethene	9.275	164	3991	1.133	ug/l	90

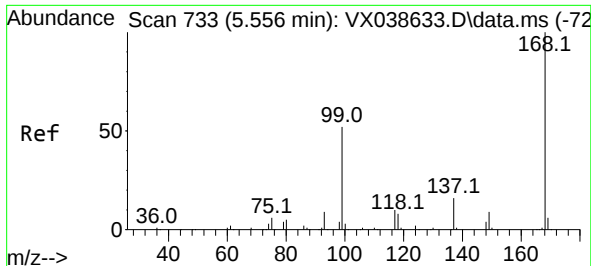
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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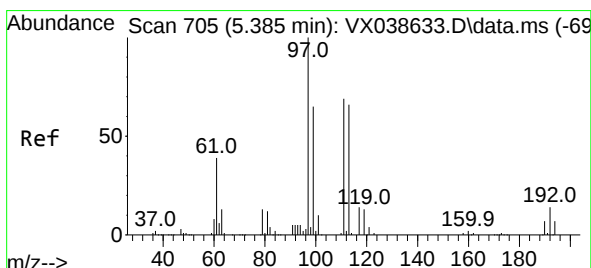
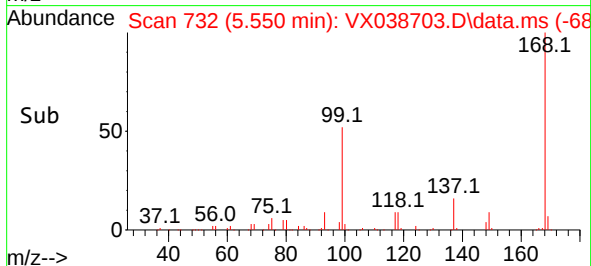
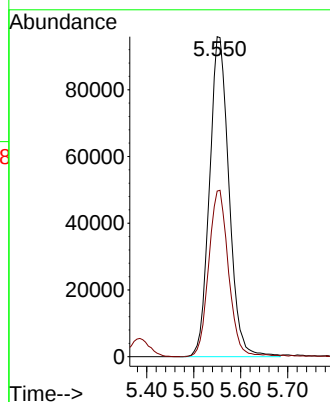
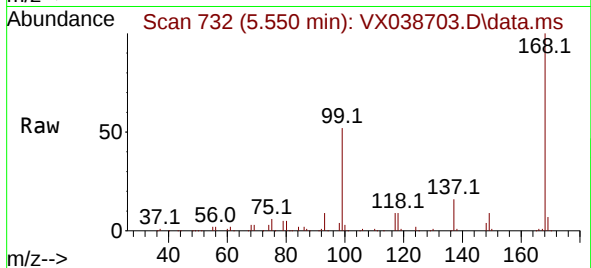




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

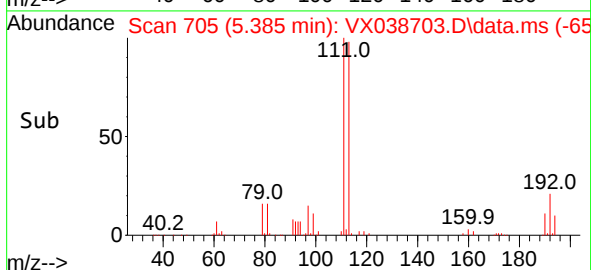
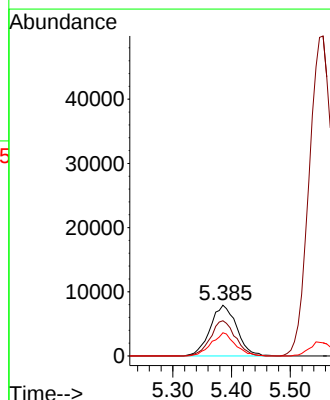
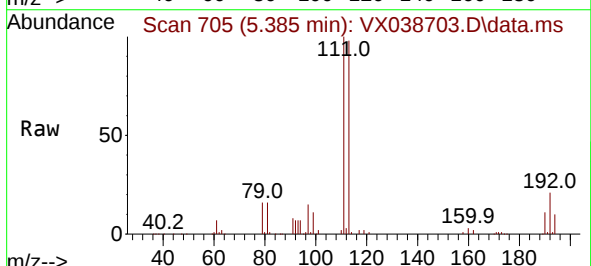
Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20231102

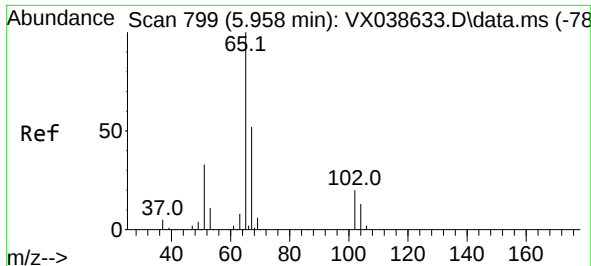
Tgt Ion:168 Resp: 276216
Ion Ratio Lower Upper
168 100
99 51.8 56.6 85.0#



#32
1,1,1-Trichloroethane
Concen: 5.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 97 Resp: 24835
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 40.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 45.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

Instrument :

MSVOA_X

ClientSampleId :

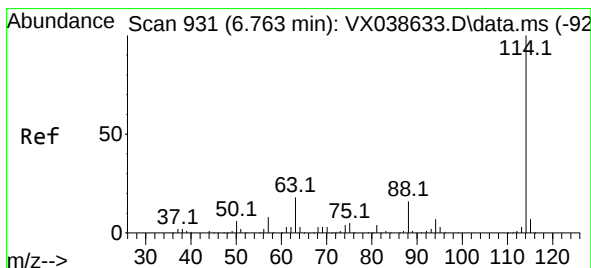
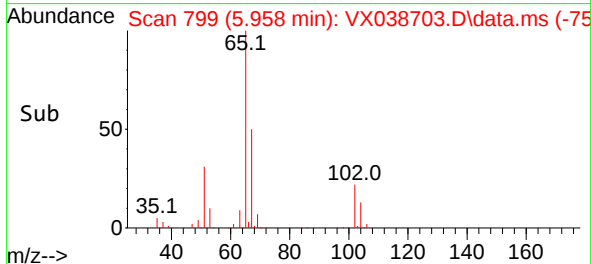
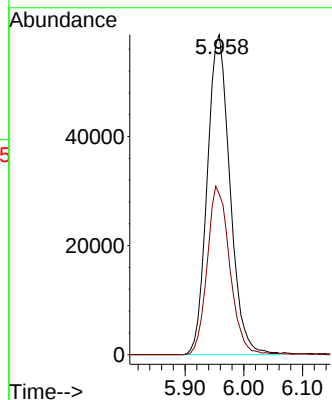
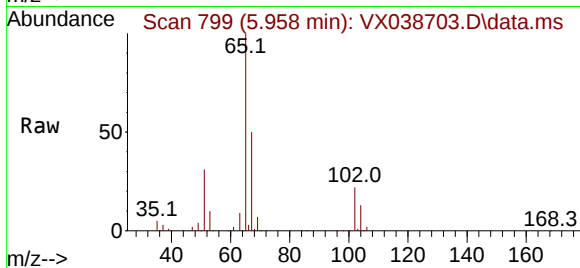
FSND-MW-15-20231102

Tgt Ion: 65 Resp: 157630

Ion Ratio Lower Upper

65 100

67 52.4 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: VX038703.D

Acq: 10 Nov 2023 04:41

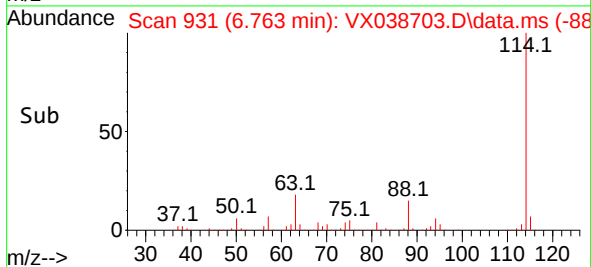
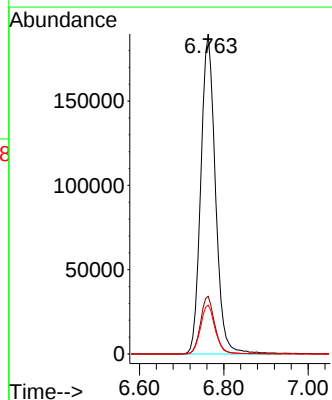
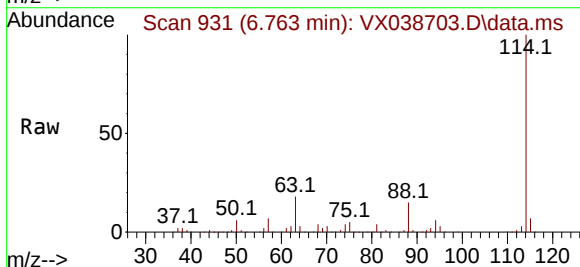
Tgt Ion: 114 Resp: 457754

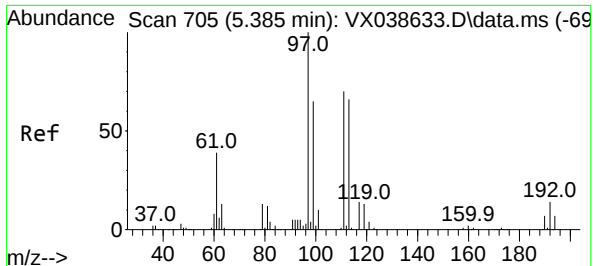
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.765 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

Instrument :

MSVOA_X

ClientSampleId :

FSND-MW-15-20231102

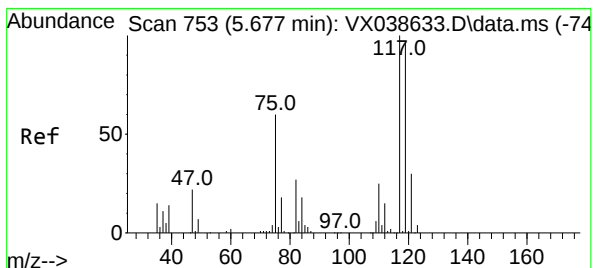
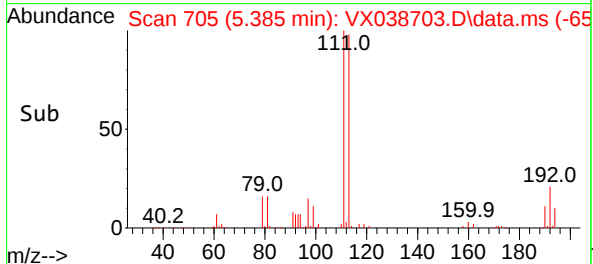
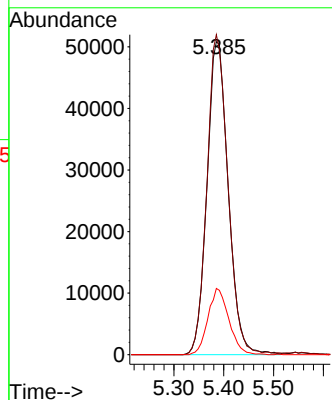
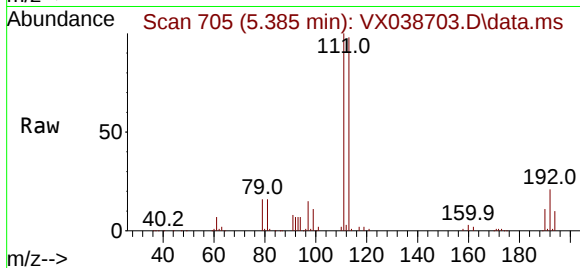
Tgt Ion:113 Resp: 150881

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

192 20.7 13.3 19.9#



#38

Carbon Tetrachloride

Concen: 0.414 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.000 min

Lab File: VX038703.D

Acq: 10 Nov 2023 04:41

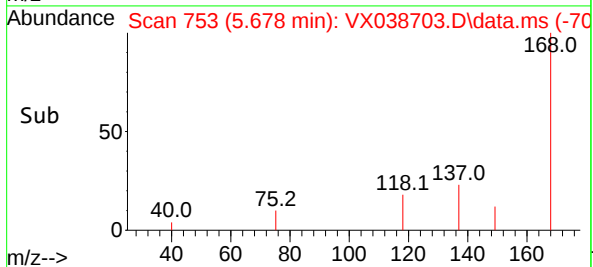
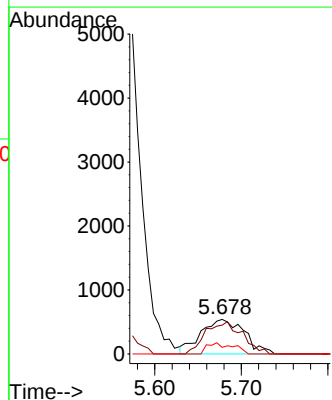
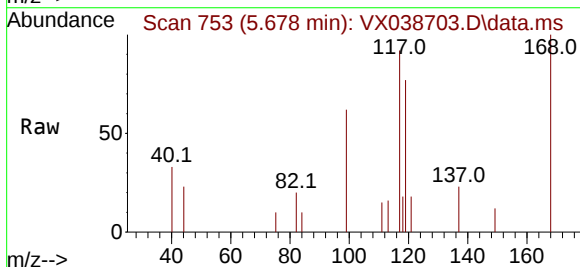
Tgt Ion:117 Resp: 1897

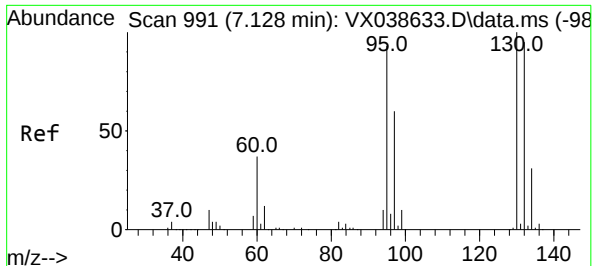
Ion Ratio Lower Upper

117 100

119 83.4 78.2 117.2

121 19.0 24.4 36.6#

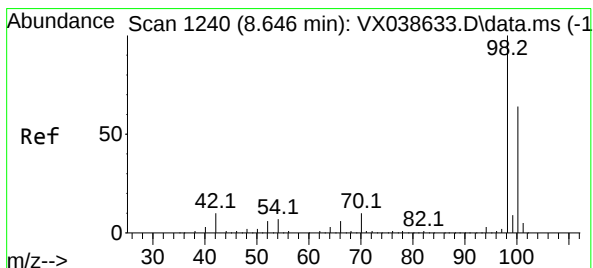
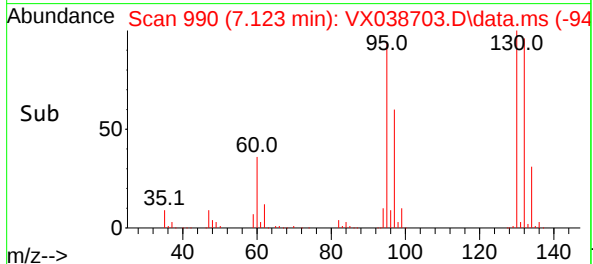
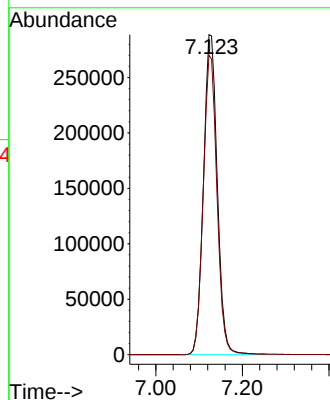
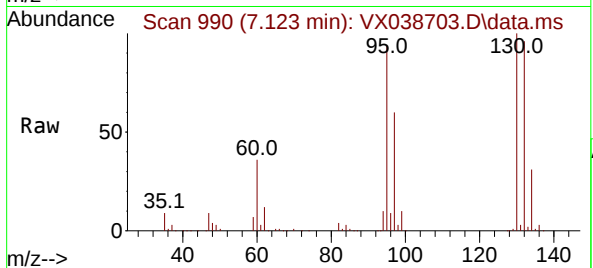




#44
Trichloroethene
Concen: 173.998 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

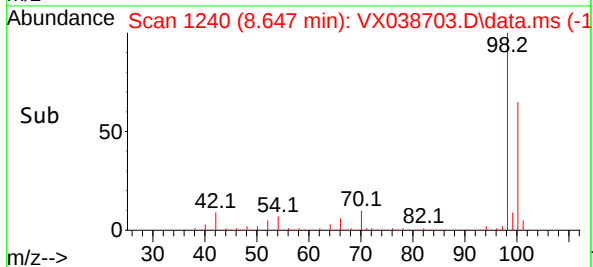
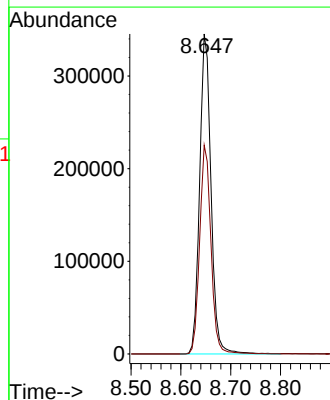
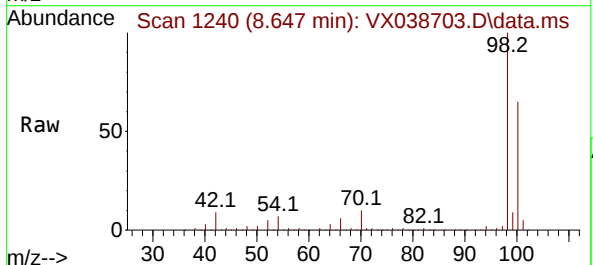
Instrument :
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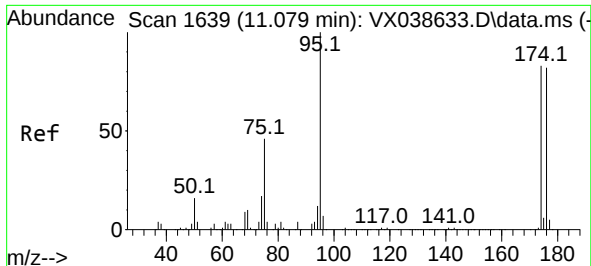
Tgt Ion:130 Resp: 638600
Ion Ratio Lower Upper
130 100
95 93.7 0.0 204.4



#50
Toluene-d8
Concen: 46.194 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 98 Resp: 544974
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

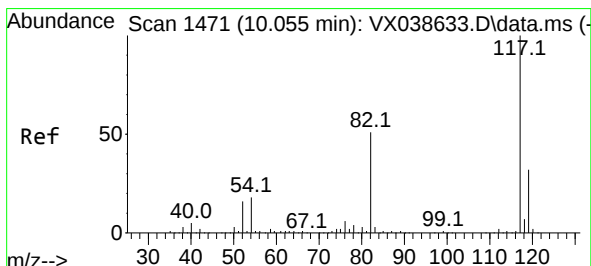
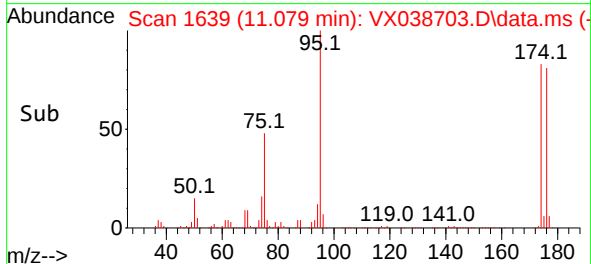
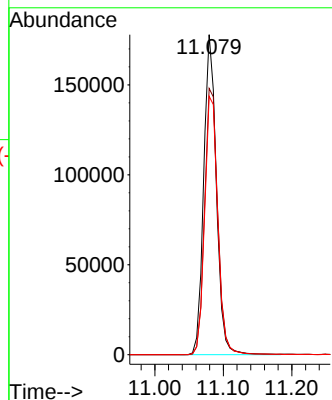
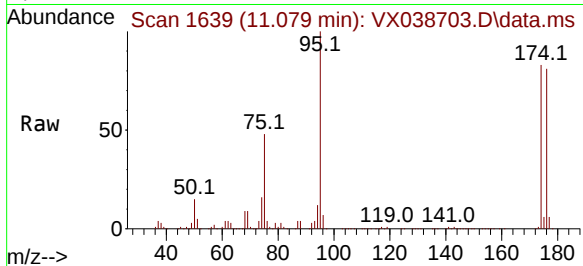




#62
4-Bromofluorobenzene
Concen: 49.982 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

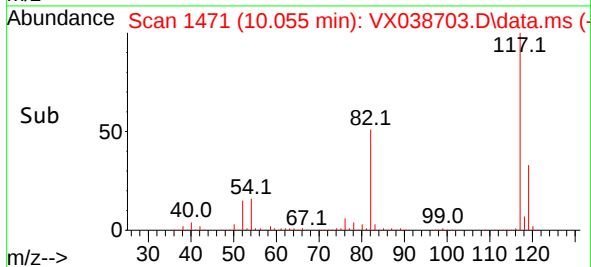
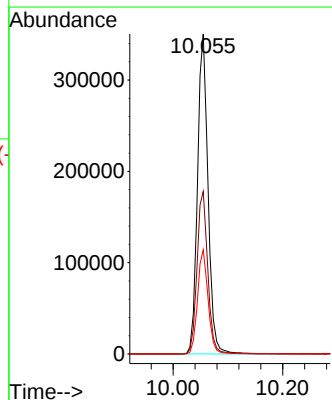
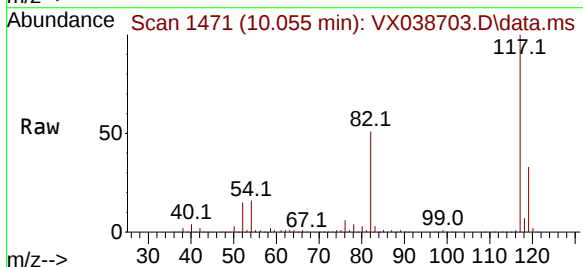
Instrument :
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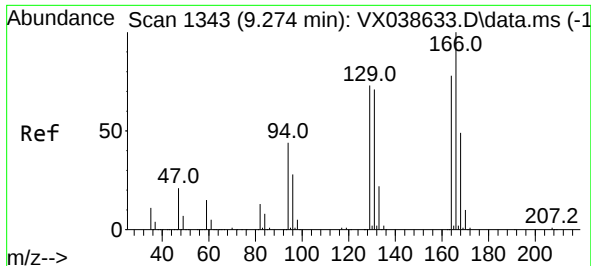
Tgt Ion: 95 Resp: 228619
Ion Ratio Lower Upper
95 100
174 87.3 0.0 135.6
176 84.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion: 117 Resp: 470476
Ion Ratio Lower Upper
117 100
82 50.8 46.2 69.4
119 32.6 25.5 38.3



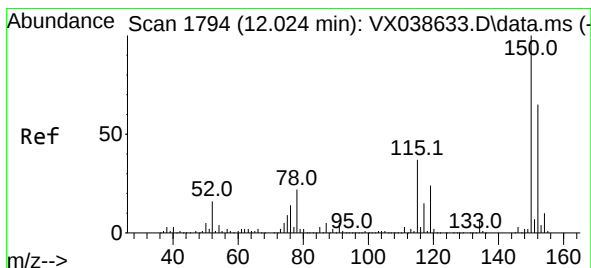
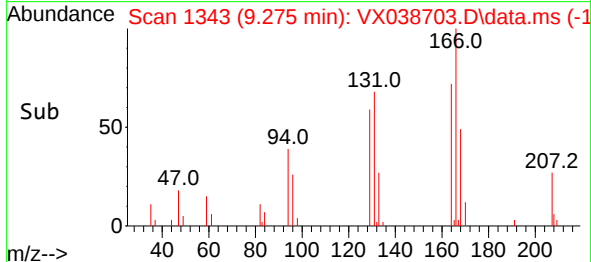
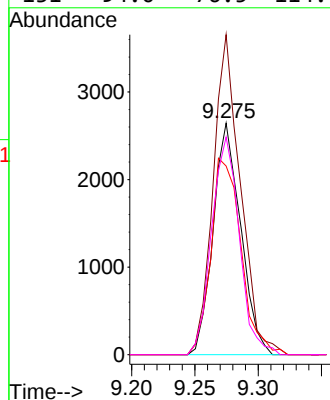
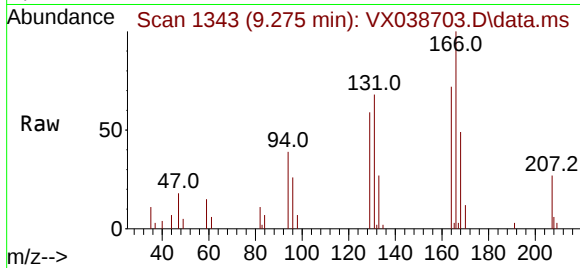


#64
Tetrachloroethene
Concen: 1.133 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038703.D
Acq: 10 Nov 2023 04:41

Instrument :
MSVOA_X
ClientSampleId :
FSND-MW-15-20231102

Tgt Ion:164 Resp: 3991

Ion	Ratio	Lower	Upper
164	100		
166	138.2	102.7	154.1
129	81.4	80.4	120.6
131	94.0	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: VX038703.D
Acq: 10 Nov 2023 04:41

Tgt Ion:152 Resp: 263857

Ion	Ratio	Lower	Upper
152	100		
115	57.7	43.3	129.9
150	156.4	0.0	345.0

