

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038905.D
 Acq On : 18 Nov 2023 03:35
 Operator : JC/MD
 Sample : 05404-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20231109

Quant Time: Nov 18 05:07:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

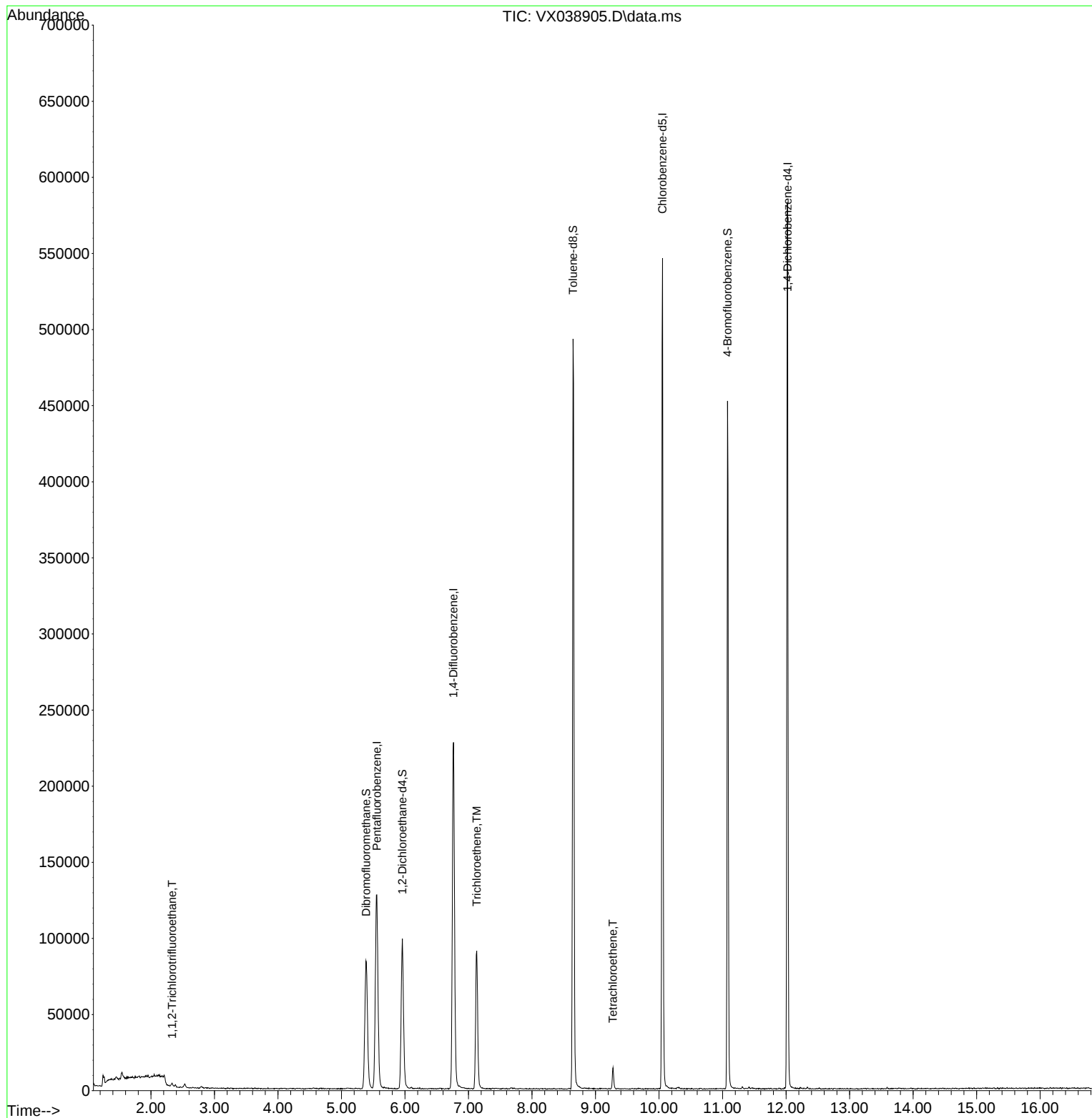
Internal Standards						
1) Pentafluorobenzene	5.556	168	117572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	235869	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87944	46.421	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.385	113	75352	44.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.460%
50) Toluene-d8	8.647	98	296299	45.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.920%#
62) 4-Bromofluorobenzene	11.079	95	125300	48.025	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.040%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	694	0.478	ug/l #	89
44) Trichloroethene	7.129	130	35183	20.016	ug/l	97
64) Tetrachloroethene	9.275	164	2346	1.571	ug/l	94

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

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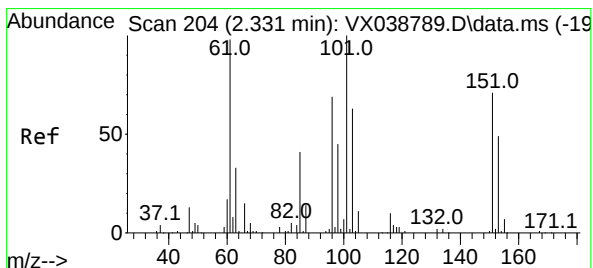
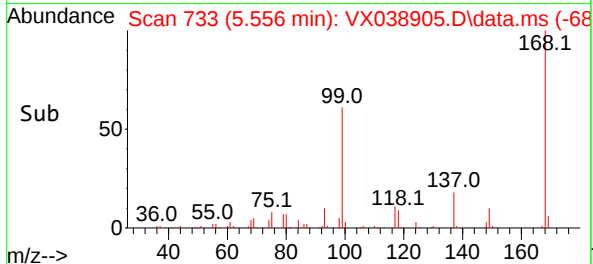
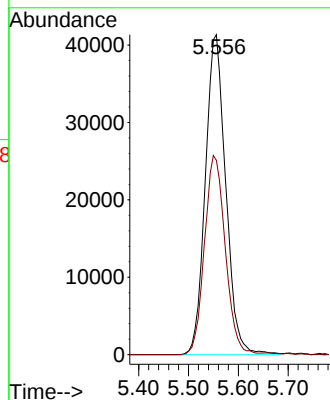
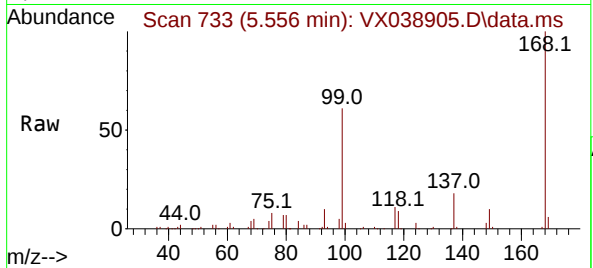




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

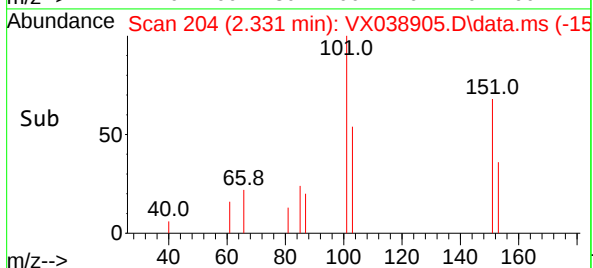
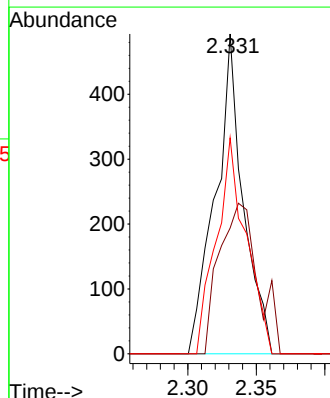
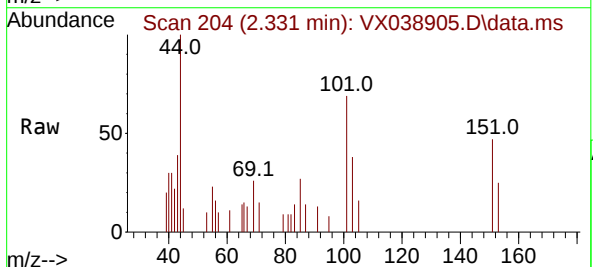
Instrument :
MSVOA_X
ClientSampleId :
GM38-RW3-MW1-20231109

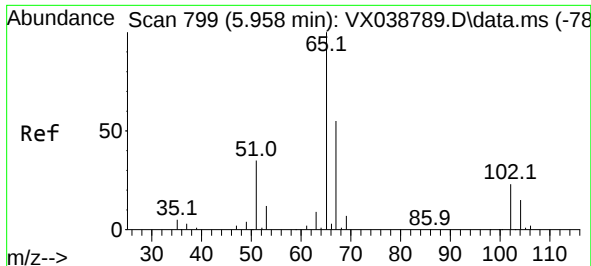
Tgt Ion:168 Resp: 117572
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.478 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion:101 Resp: 694
Ion Ratio Lower Upper
101 100
85 65.1 37.0 55.6#
151 72.6 58.6 87.8

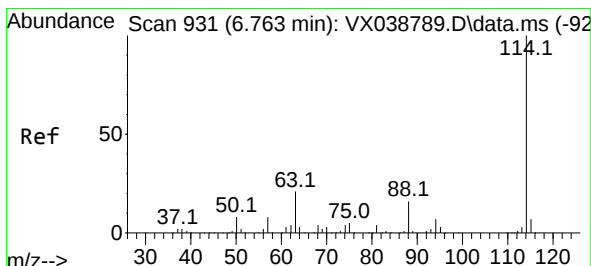
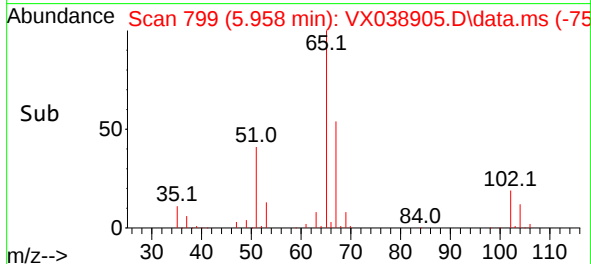
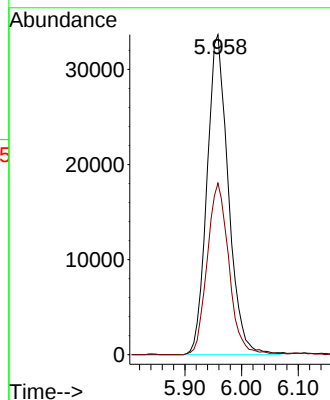
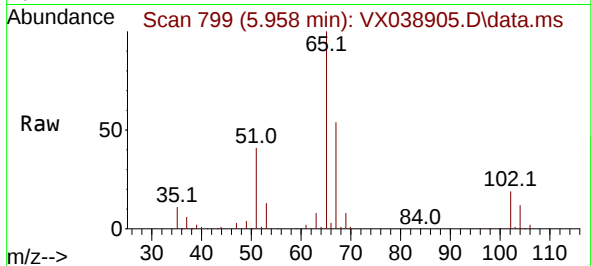




#33
 1,2-Dichloroethane-d4
 Concen: 46.421 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

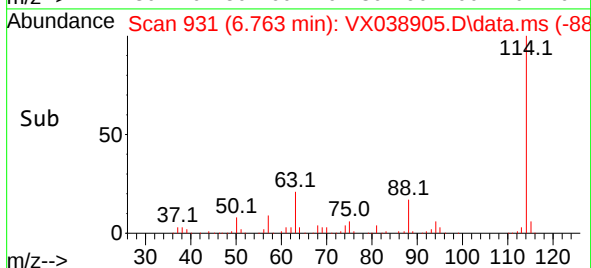
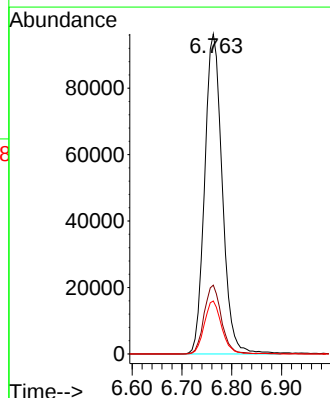
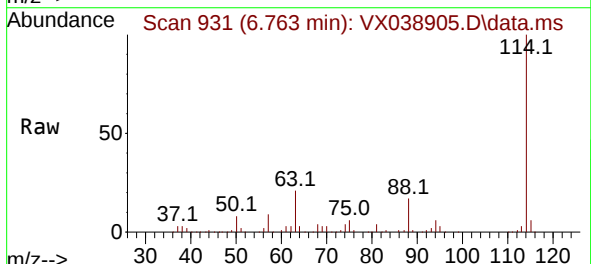
Instrument :
 MSVOA_X
 ClientSampleId :
 GM38-RW3-MW1-20231109

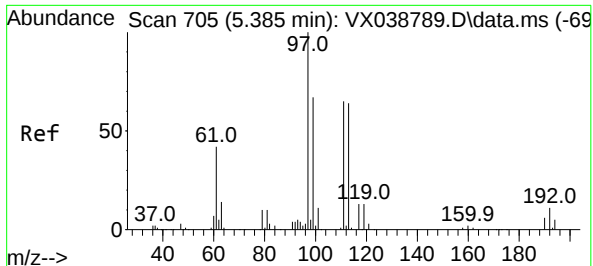
Tgt Ion: 65 Resp: 87944
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

Tgt Ion: 114 Resp: 235869
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.234 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038905.D

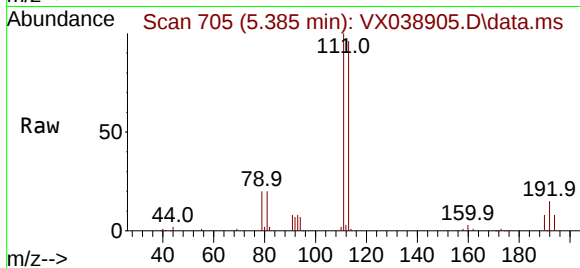
Acq: 18 Nov 2023 03:35

Instrument :

MSVOA_X

ClientSampleId :

GM38-RW3-MW1-20231109



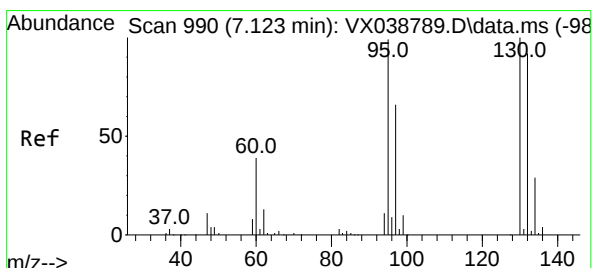
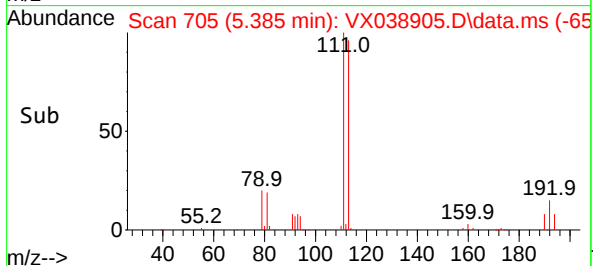
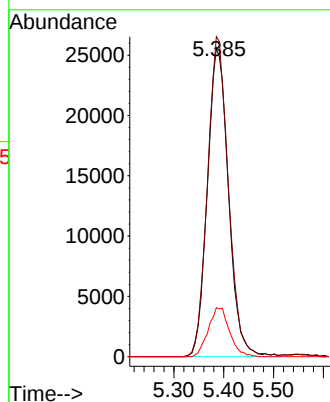
Tgt Ion:113 Resp: 75352

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

192 15.9 13.3 19.9



#44

Trichloroethene

Concen: 20.016 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX038905.D

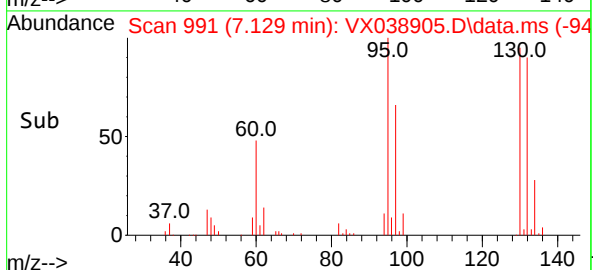
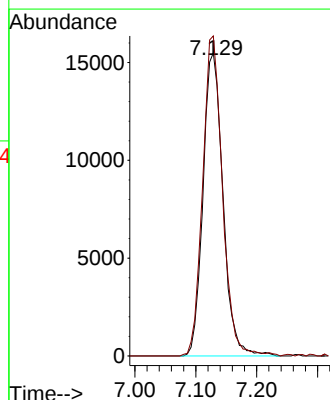
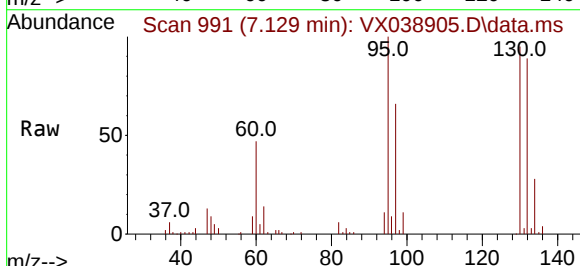
Acq: 18 Nov 2023 03:35

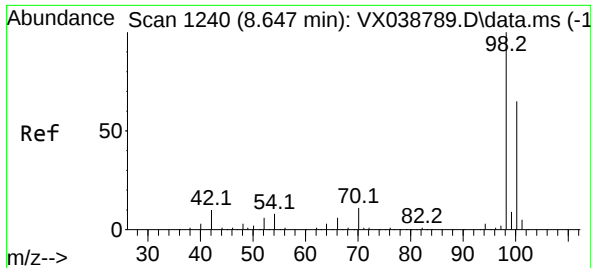
Tgt Ion:130 Resp: 35183

Ion Ratio Lower Upper

130 100

95 105.6 0.0 204.4

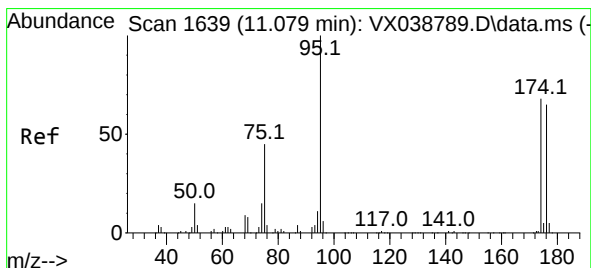
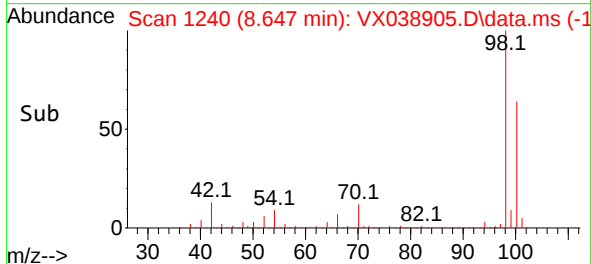
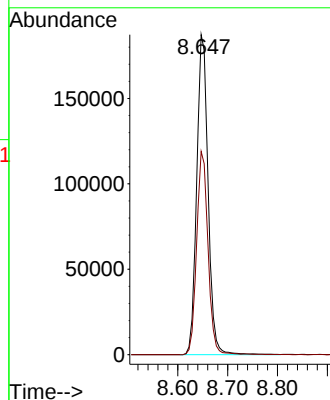
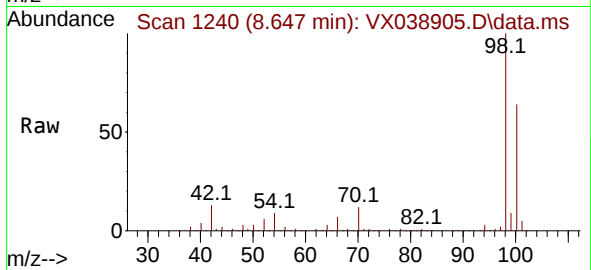




#50
Toluene-d8
Concen: 45.461 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

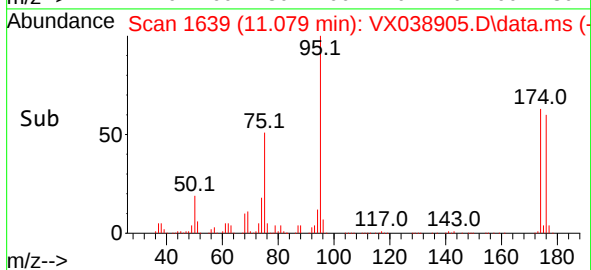
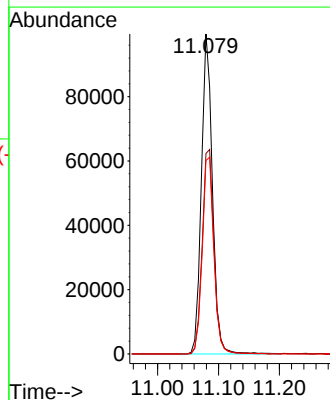
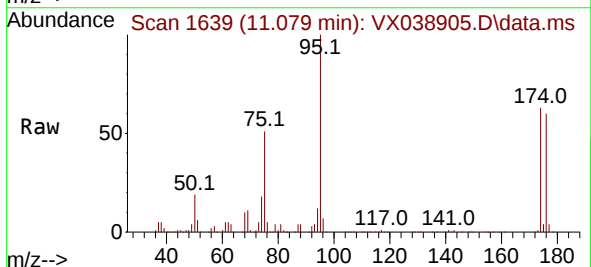
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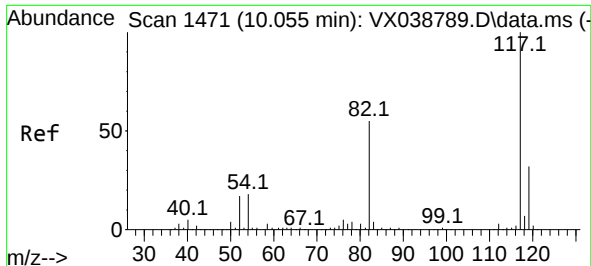
Tgt Ion: 98 Resp: 296299
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.025 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

Tgt Ion: 95 Resp: 125300
Ion Ratio Lower Upper
95 100
174 68.3 0.0 135.6
176 64.5 0.0 131.0

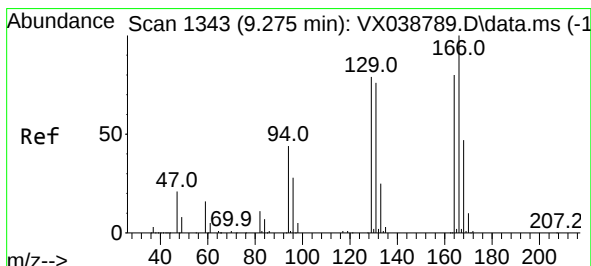
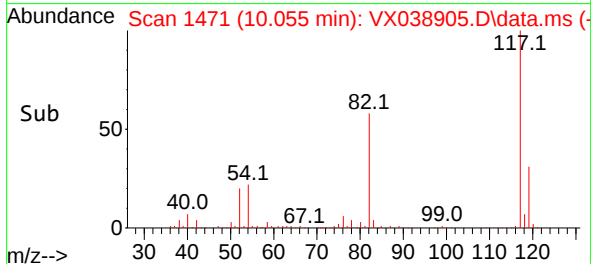
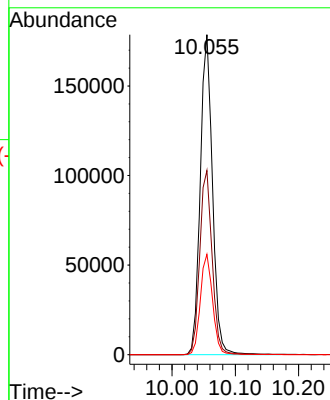
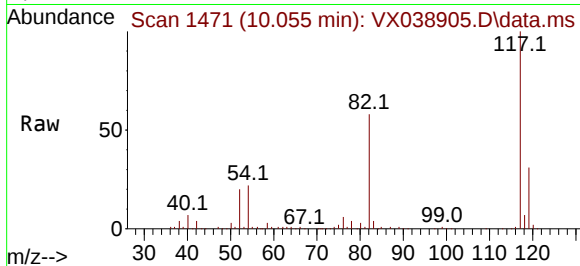




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

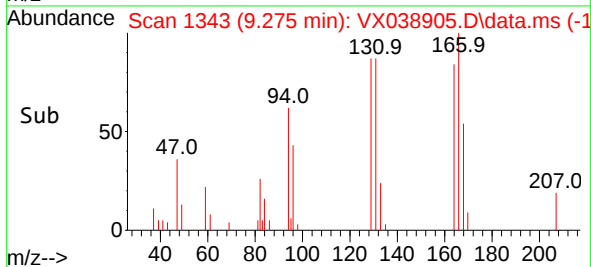
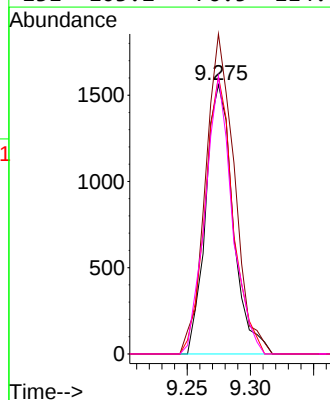
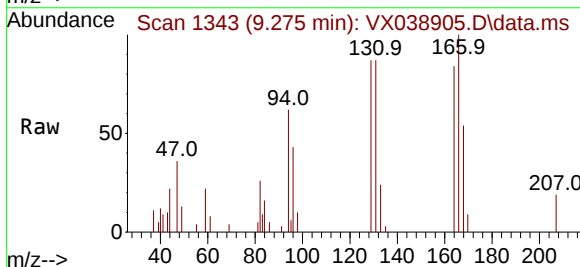
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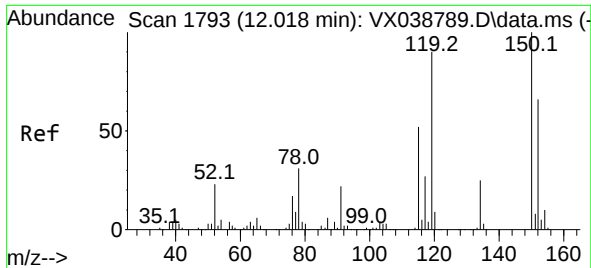
Tgt Ion:	117	Resp:	240242
Ion	Ratio	Lower	Upper
117	100		
82	57.5	46.2	69.4
119	31.4	25.5	38.3



#64
Tetrachloroethene
Concen: 1.571 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038905.D
Acq: 18 Nov 2023 03:35

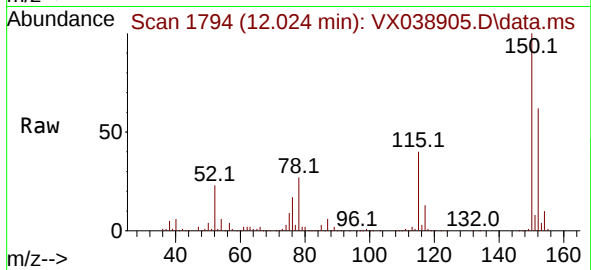
Tgt Ion:	164	Resp:	2346
Ion	Ratio	Lower	Upper
164	100		
166	118.9	102.7	154.1
129	103.1	80.4	120.6
131	103.2	76.5	114.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038905.D
 Acq: 18 Nov 2023 03:35

Instrument :
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Tgt Ion:152	Resp:	115790	
Ion	Ratio	Lower	Upper
152	100		
115	66.3	43.3	129.9
150	158.8	0.0	345.0

