

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037027.D
 Acq On : 16 Aug 2023 19:00
 Operator : JC/MD
 Sample : 04024-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE108D1-20230815

Quant Time: Aug 17 04:19:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

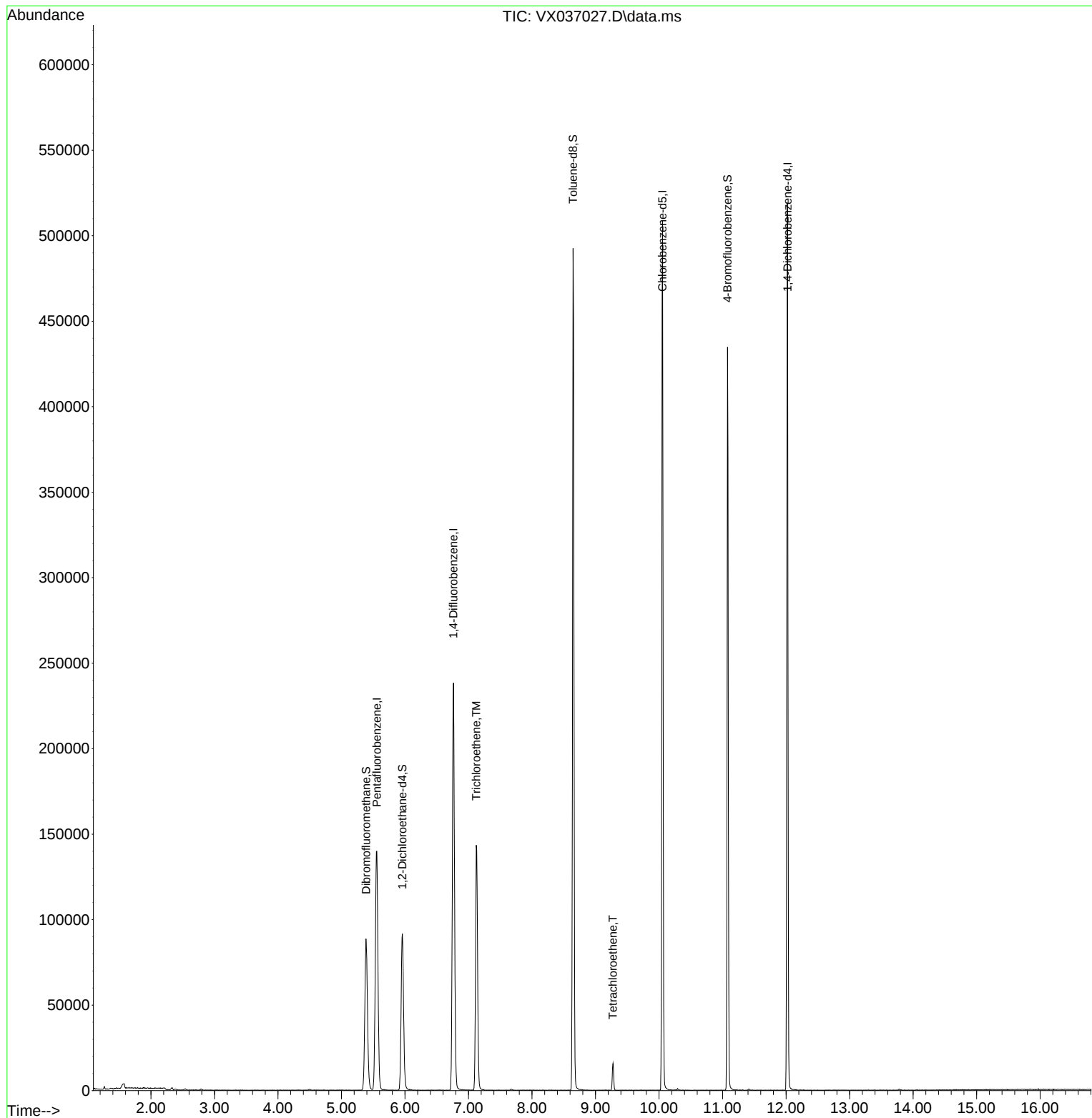
Internal Standards						
1) Pentafluorobenzene	5.556	168	131814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243987	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93192	47.781	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.560%
35) Dibromofluoromethane	5.385	113	77848	46.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.840%
50) Toluene-d8	8.647	98	289962	48.757	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	117400	52.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.640%
Target Compounds						
					Qvalue	
44) Trichloroethene	7.123	130	55854	29.382	ug/l	99
64) Tetrachloroethene	9.275	164	3073	1.764	ug/l	97

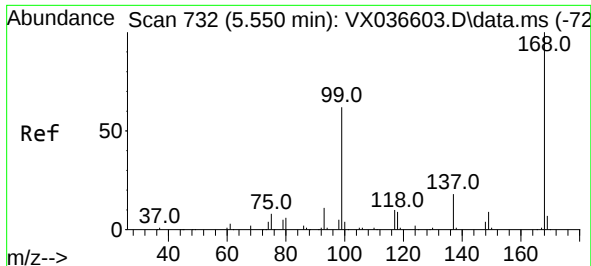
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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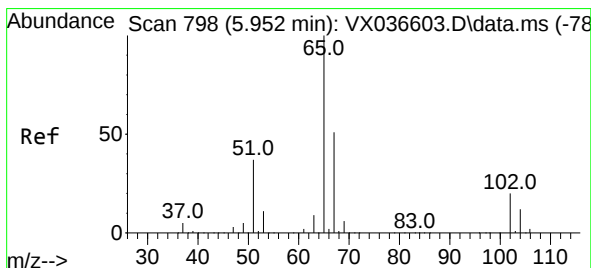
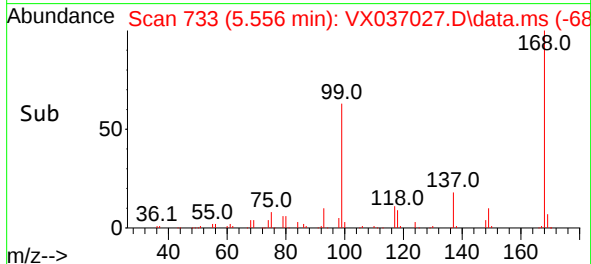
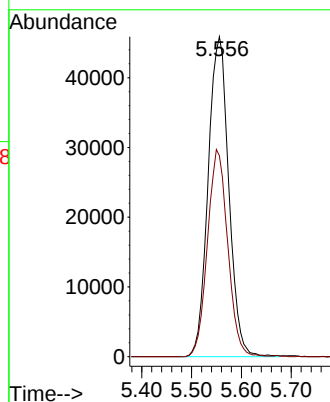
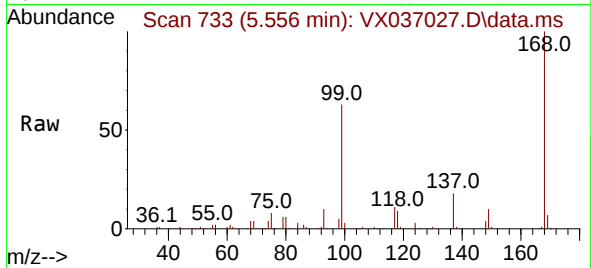




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

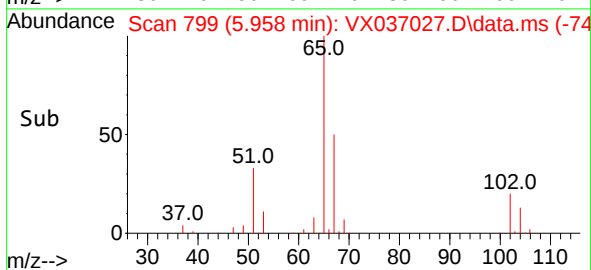
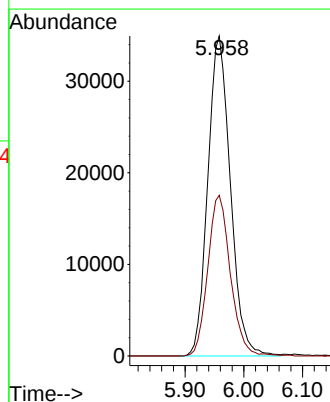
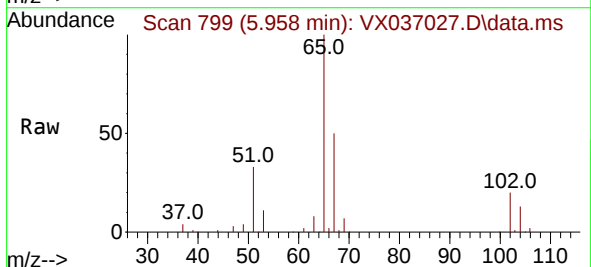
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20230815

Tgt Ion:168 Resp: 131814
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.781 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

Tgt Ion: 65 Resp: 93192
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

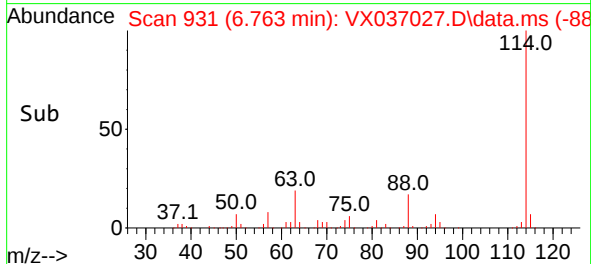
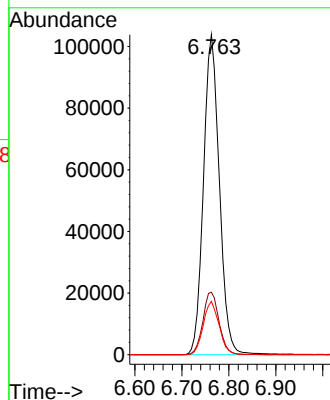
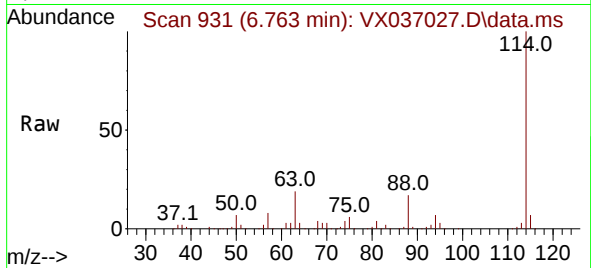




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

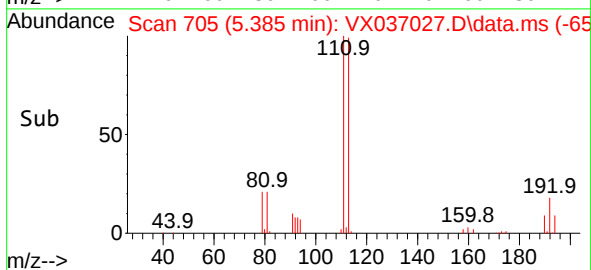
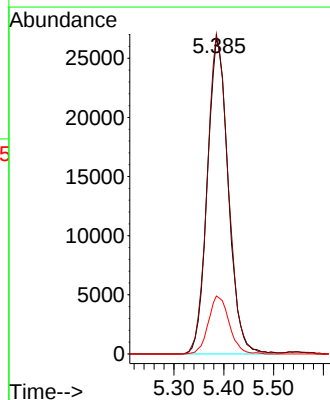
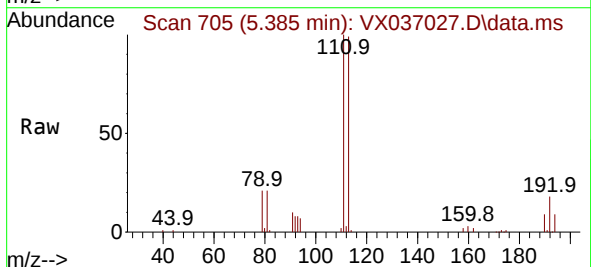
Instrument :
MSVOA_X
ClientSampleId :
RE108D1-20230815

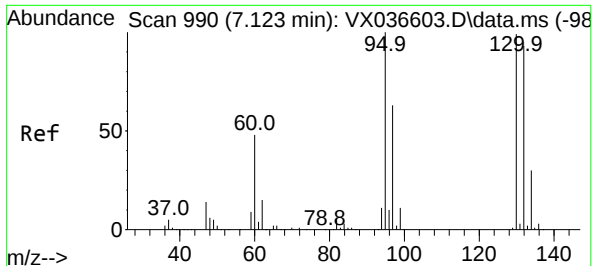
Tgt Ion:114 Resp: 243987
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.420 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

Tgt Ion:113 Resp: 77848
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.2 13.3 19.9

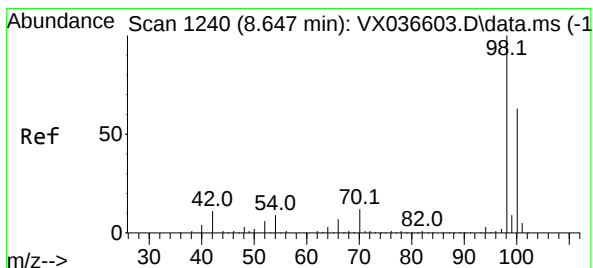
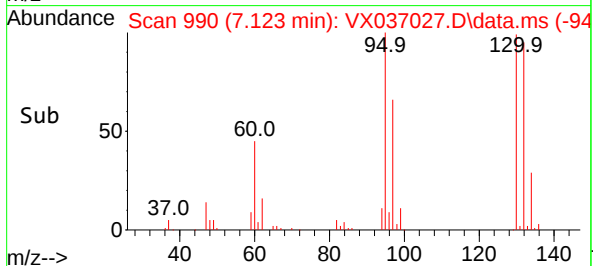
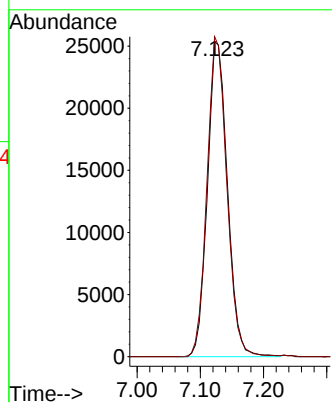
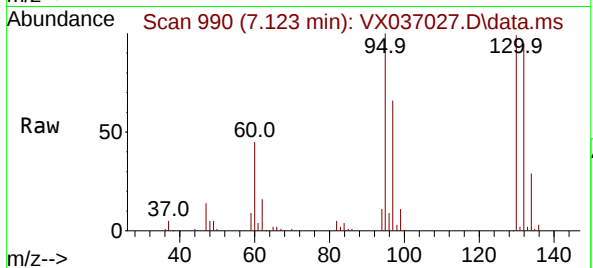




#44
Trichloroethene
Concen: 29.382 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

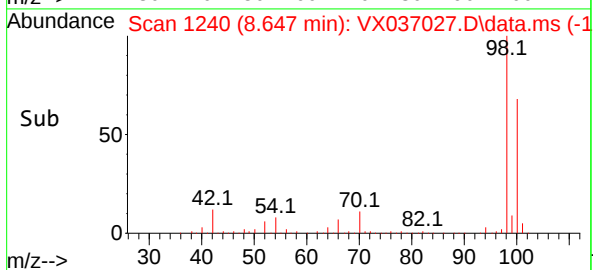
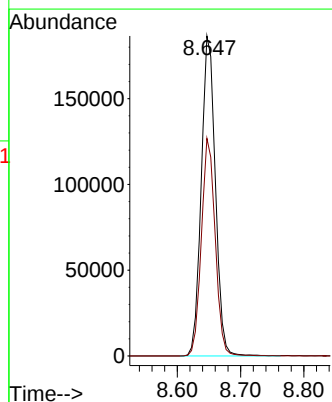
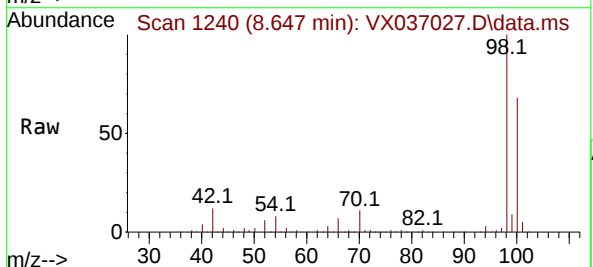
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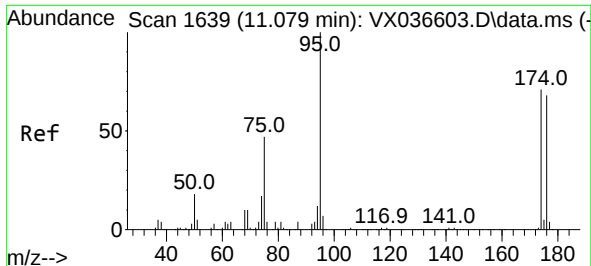
Tgt Ion:130 Resp: 55854
Ion Ratio Lower Upper
130 100
95 101.5 0.0 204.4



#50
Toluene-d8
Concen: 48.757 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

Tgt Ion: 98 Resp: 289962
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 52.323 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037027.D

Acq: 16 Aug 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

RE108D1-20230815

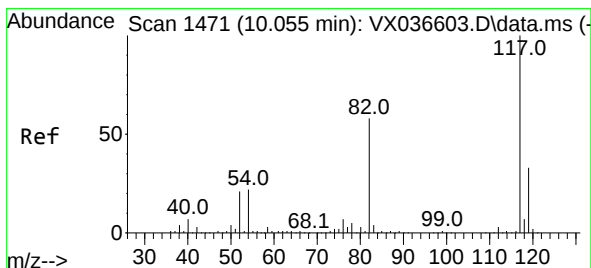
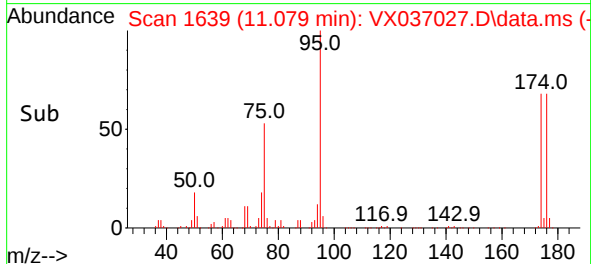
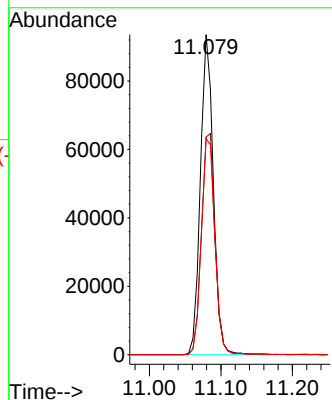
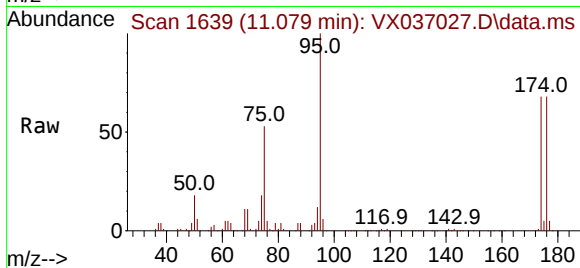
Tgt Ion: 95 Resp: 117400

Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 70.8 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: VX037027.D

Acq: 16 Aug 2023 19:00

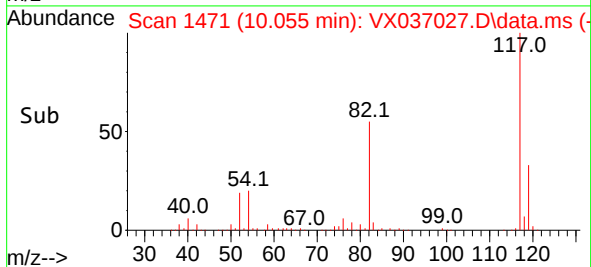
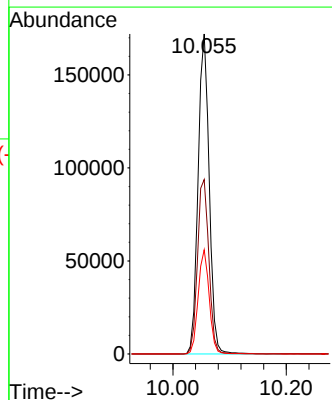
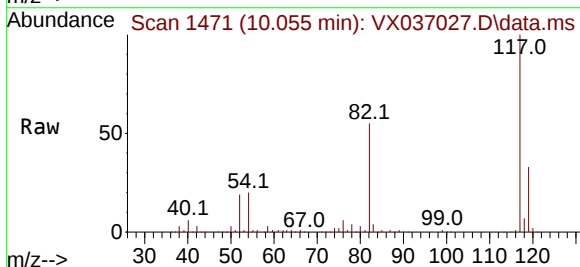
Tgt Ion: 117 Resp: 233528

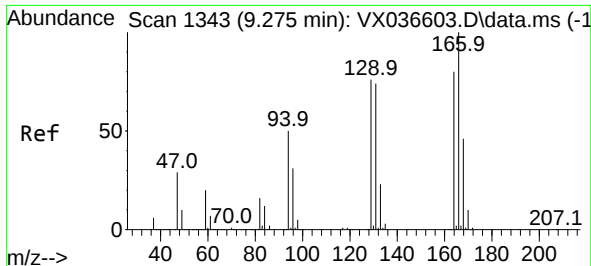
Ion Ratio Lower Upper

117 100

82 54.5 46.2 69.4

119 32.6 25.5 38.3



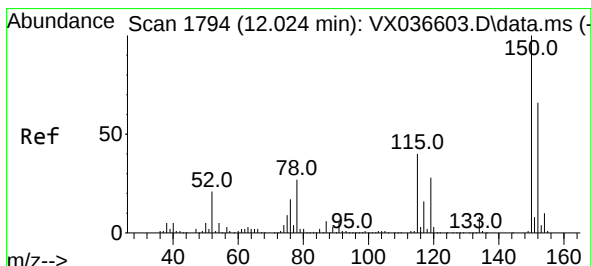
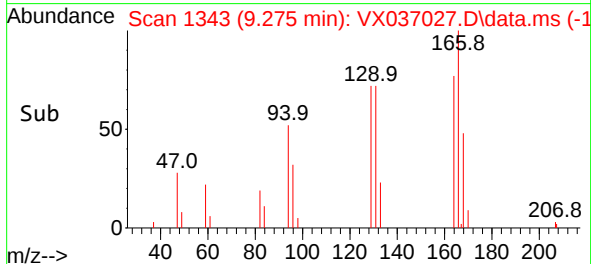
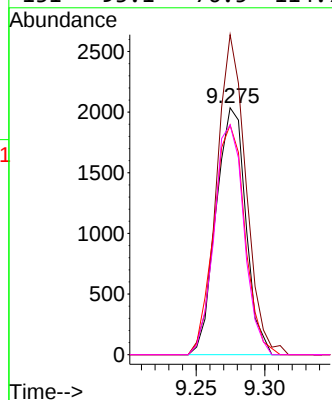
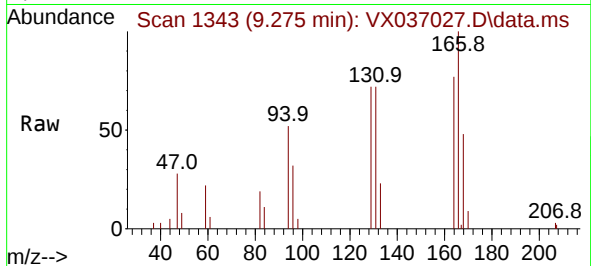


#64
Tetrachloroethene
Concen: 1.764 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037027.D
Acq: 16 Aug 2023 19:00

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 3073

Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.7	154.1
129	93.1	80.4	120.6
131	93.1	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: VX037027.D
Acq: 16 Aug 2023 19:00

Tgt Ion:152 Resp: 108664

Ion	Ratio	Lower	Upper
152	100		
115	62.2	43.3	129.9
150	157.2	0.0	345.0

