

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037318.D
 Acq On : 29 Aug 2023 04:21
 Operator : JC/MD
 Sample : 04126-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20230821

Quant Time: Aug 29 07:20:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

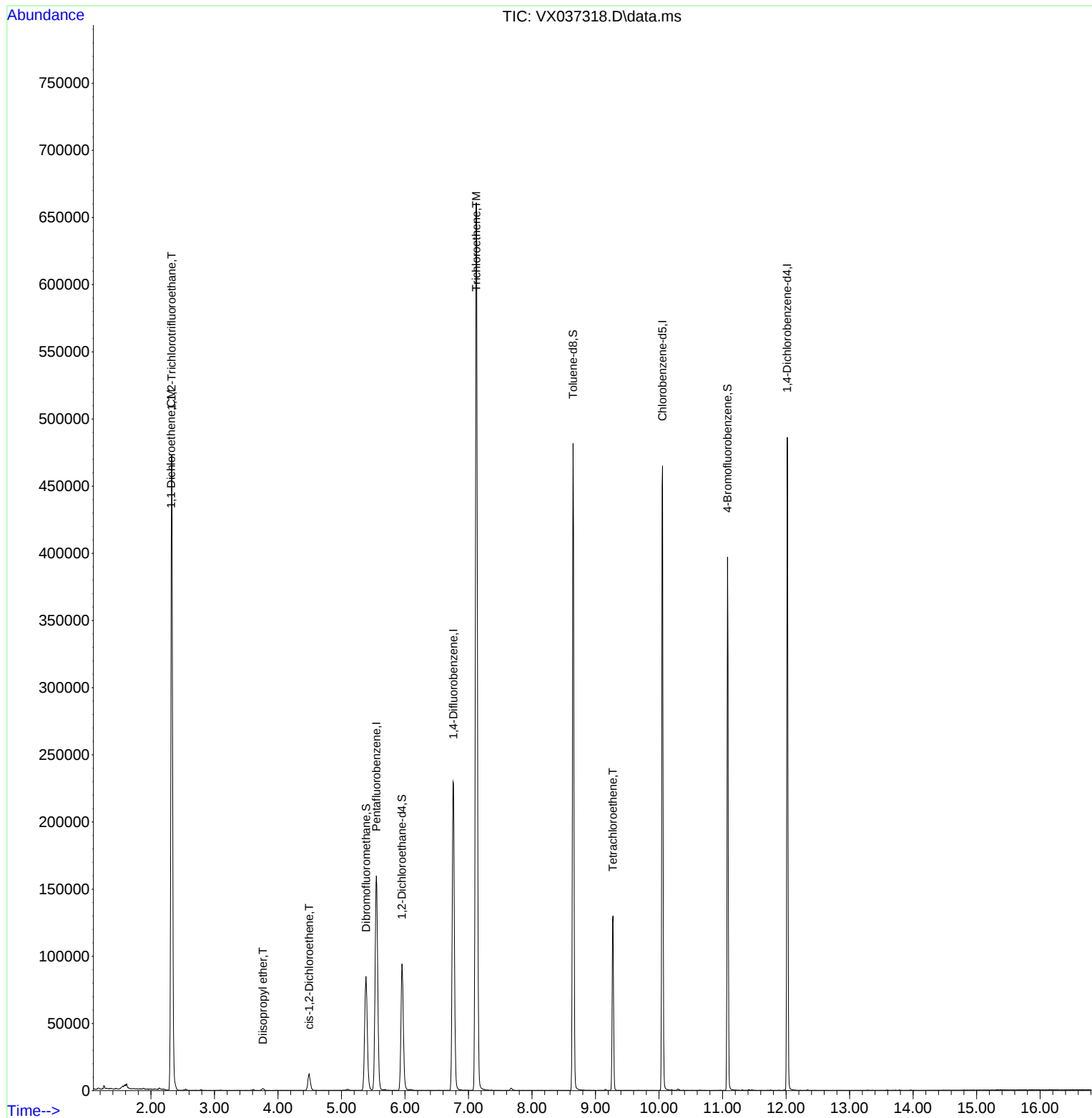
Internal Standards						
1) Pentafluorobenzene	5.550	168	152150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	249525	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92455	42.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.300%
35) Dibromofluoromethane	5.385	113	75949	45.959	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.920%
50) Toluene-d8	8.647	98	292275	48.758	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.520%
62) 4-Bromofluorobenzene	11.079	95	108627	46.112	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.220%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	191256	118.914	ug/l	96
12) 1,1-Dichloroethene	2.319	96	3118	1.991	ug/l #	78
22) Diisopropyl ether	3.764	45	1504	0.302	ug/l #	66
27) cis-1,2-Dichloroethene	4.489	96	8490	4.045	ug/l	79
44) Trichloroethene	7.123	130	265568	139.089	ug/l	98
64) Tetrachloroethene	9.275	164	25237	15.576	ug/l	96

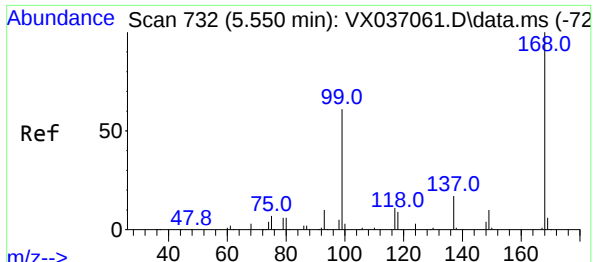
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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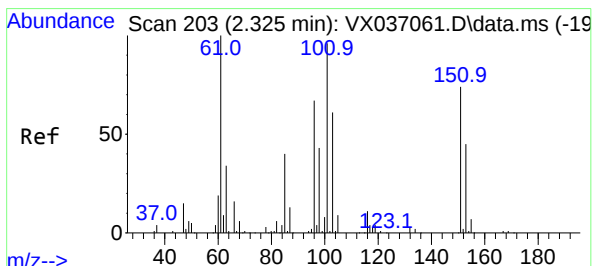
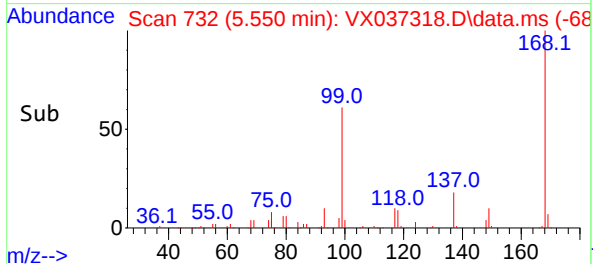
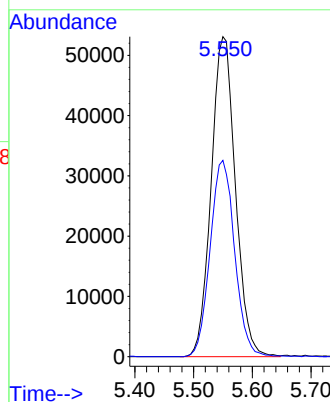
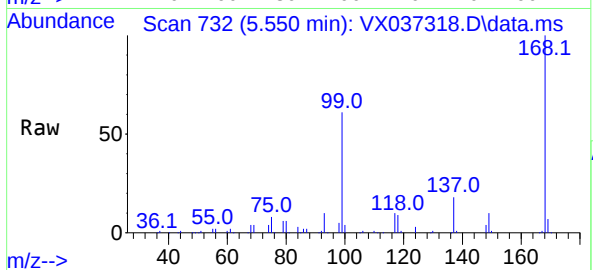




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

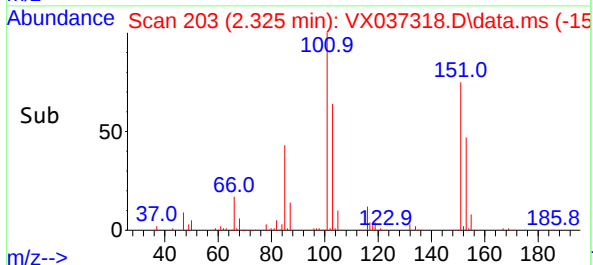
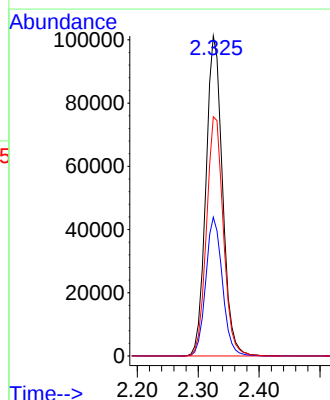
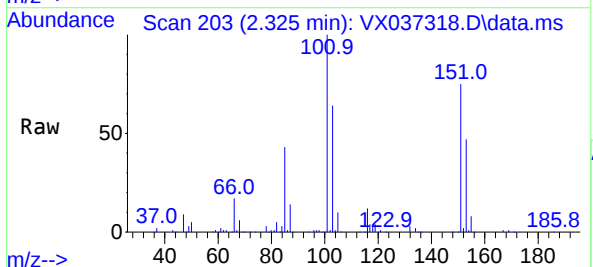
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20230821

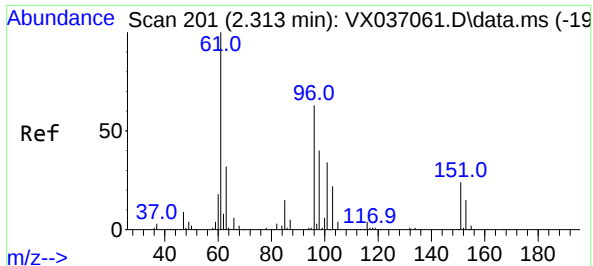
Tgt Ion:168 Resp: 152150
Ion Ratio Lower Upper
168 100
99 61.4 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 118.914 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

Tgt Ion:101 Resp: 191256
Ion Ratio Lower Upper
101 100
85 43.4 37.0 55.6
151 75.8 58.6 87.8

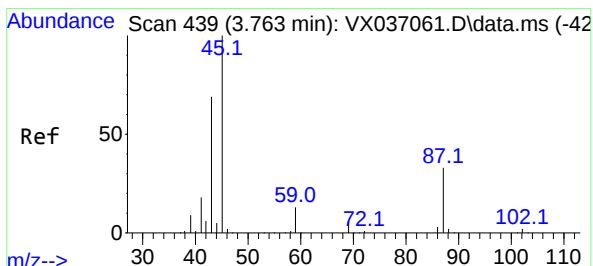
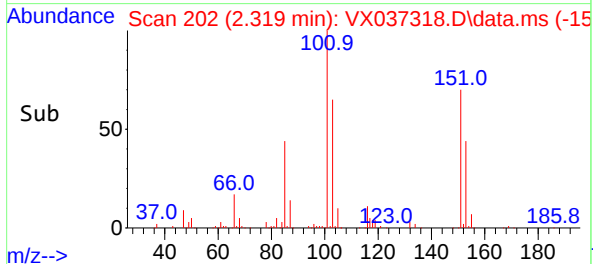
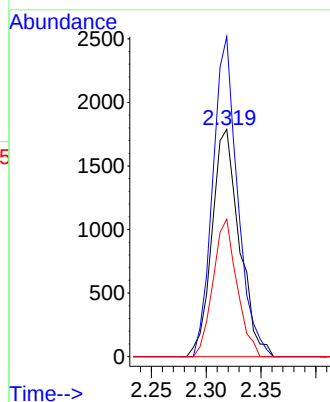
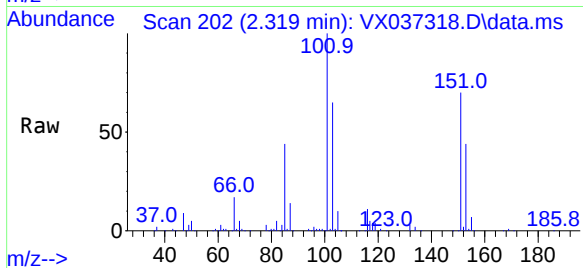




#12
1,1-Dichloroethene
Concen: 1.991 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

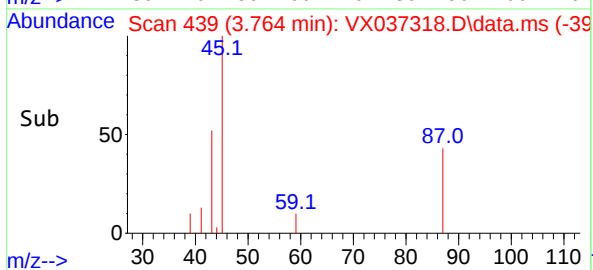
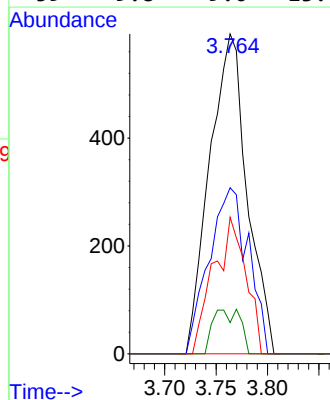
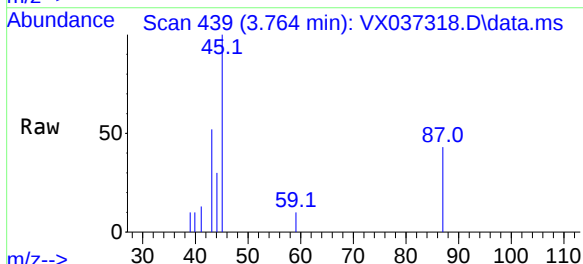
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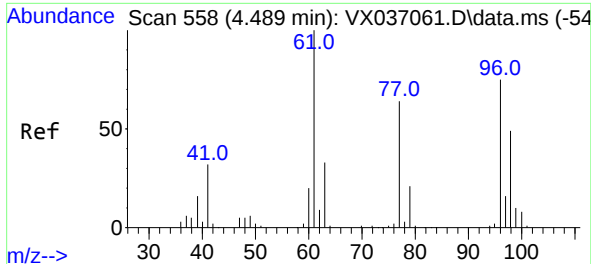
Tgt Ion: 96 Resp: 3118
Ion Ratio Lower Upper
96 100
61 140.8 144.6 216.8#
98 60.5 50.4 75.6



#22
Diisopropyl ether
Concen: 0.302 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

Tgt Ion: 45 Resp: 1504
Ion Ratio Lower Upper
45 100
43 51.9 69.7 104.5#
87 42.7 20.8 31.2#
59 9.8 9.0 13.4

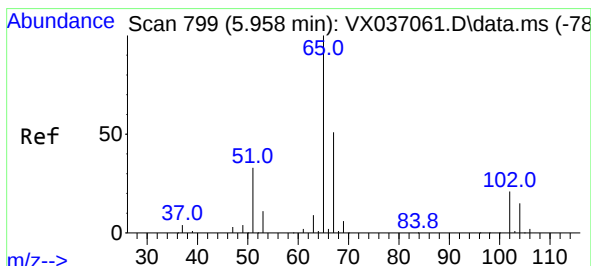
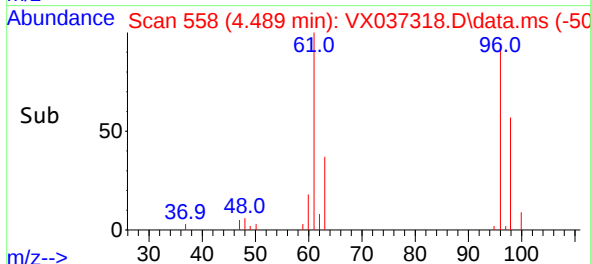
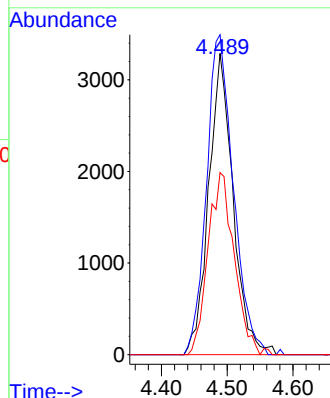
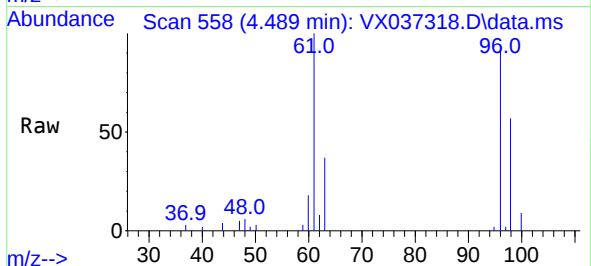




#27
 cis-1,2-Dichloroethene
 Concen: 4.045 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX037318.D
 Acq: 29 Aug 2023 04:21

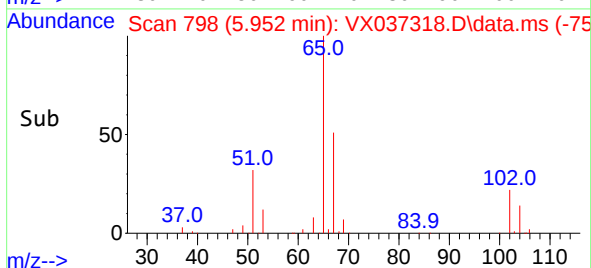
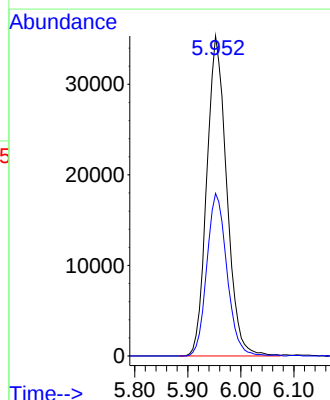
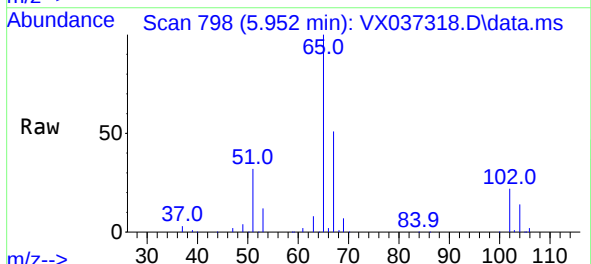
Instrument :
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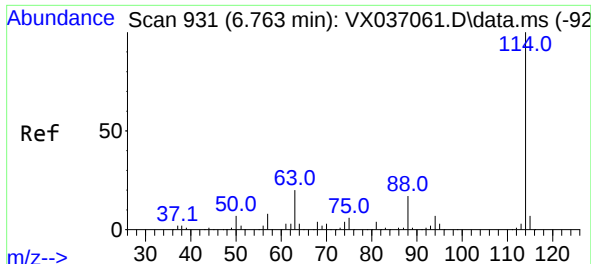
Tgt Ion: 96 Resp: 8490
 Ion Ratio Lower Upper
 96 100
 61 116.7 0.0 312.2
 98 64.5 0.0 129.0



#33
 1,2-Dichloroethane-d4
 Concen: 42.149 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX037318.D
 Acq: 29 Aug 2023 04:21

Tgt Ion: 65 Resp: 92455
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 100.2

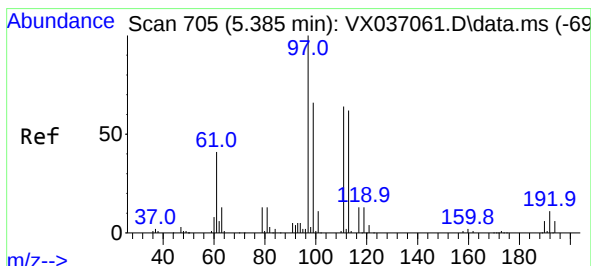
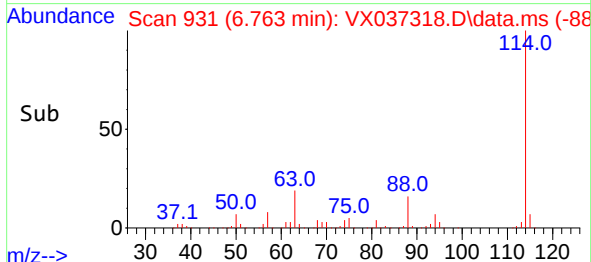
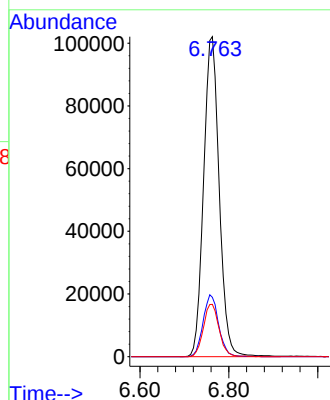
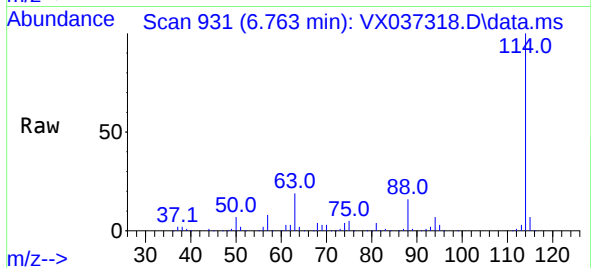




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

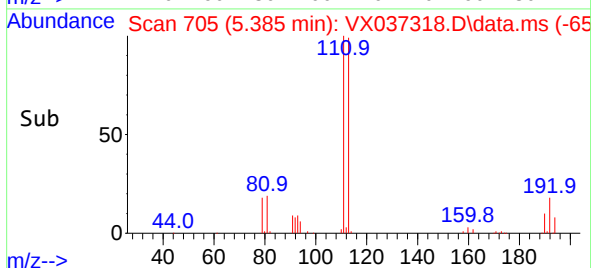
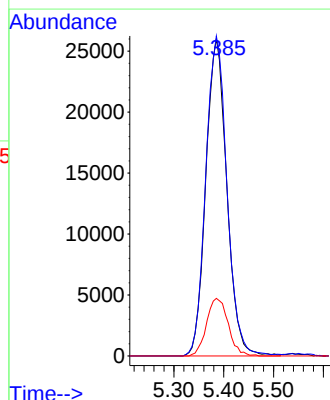
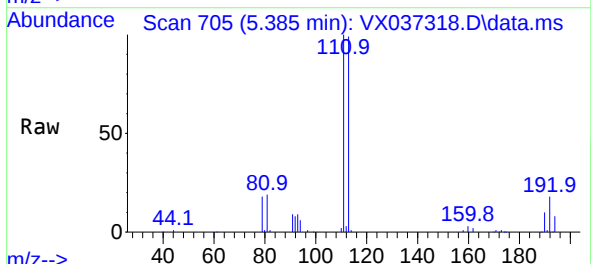
Instrument :
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ClientSampleId :
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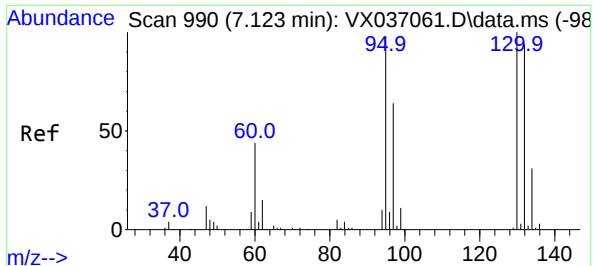
Tgt Ion:114 Resp: 249525
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.959 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

Tgt Ion:113 Resp: 75949
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.8 13.3 19.9

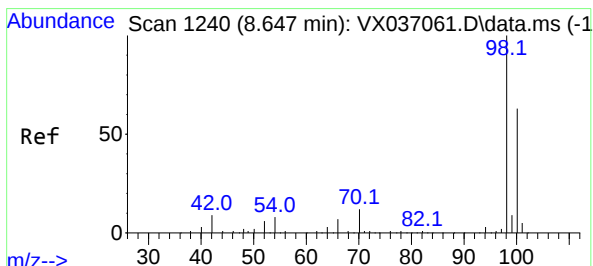
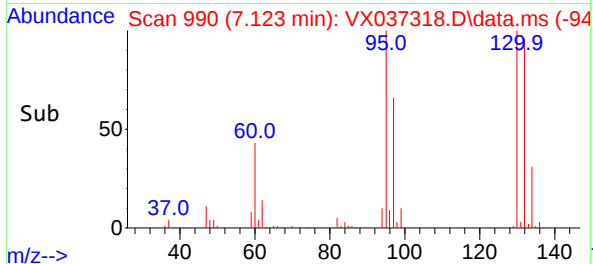
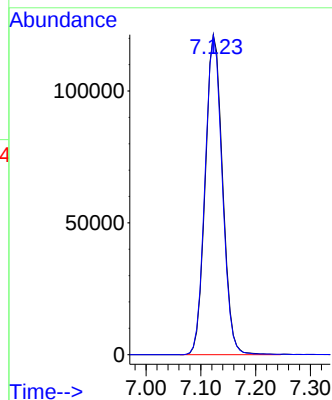
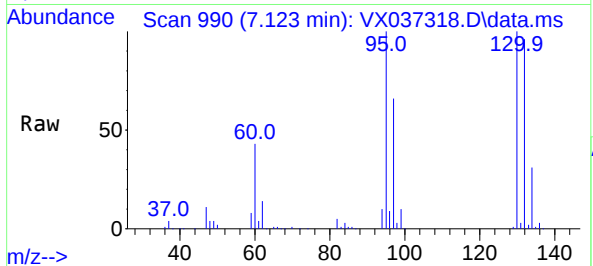




#44
Trichloroethene
Concen: 139.089 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

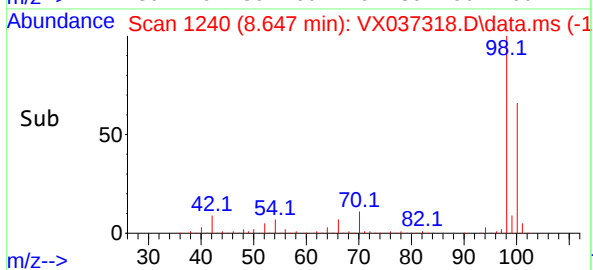
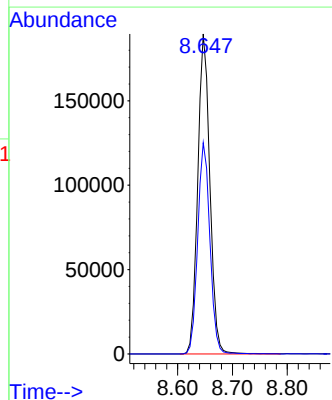
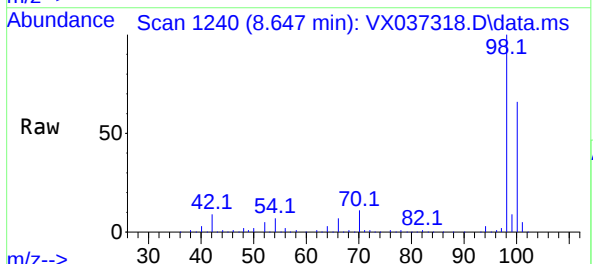
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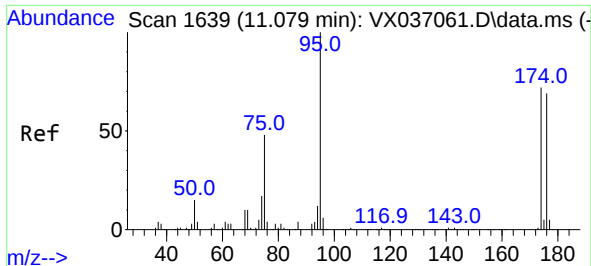
Tgt Ion:130 Resp: 265568
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.4



#50
Toluene-d8
Concen: 48.758 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

Tgt Ion: 98 Resp: 292275
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7

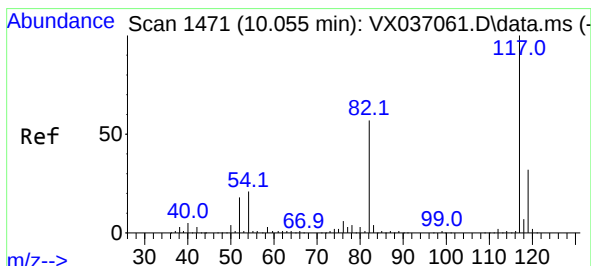
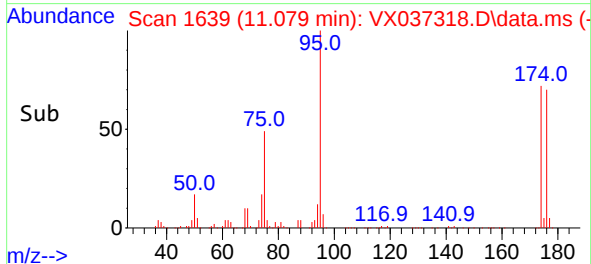
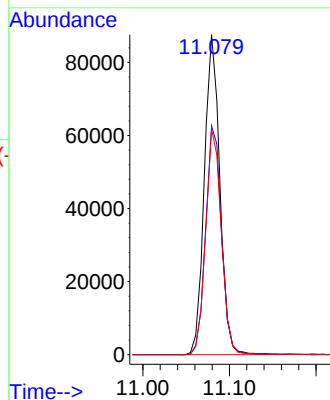
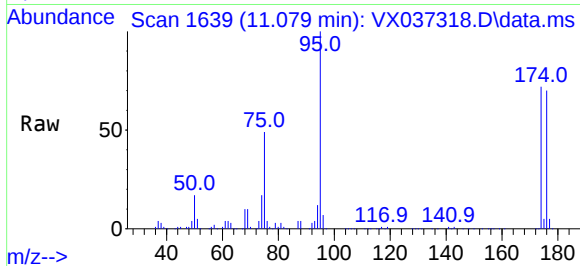




#62
4-Bromofluorobenzene
Concen: 46.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

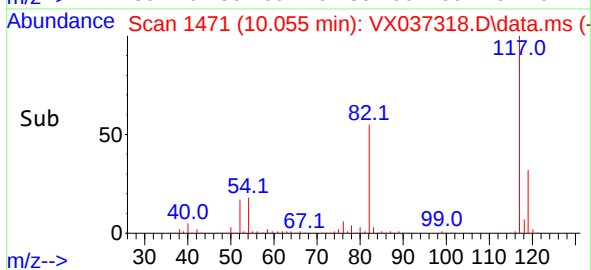
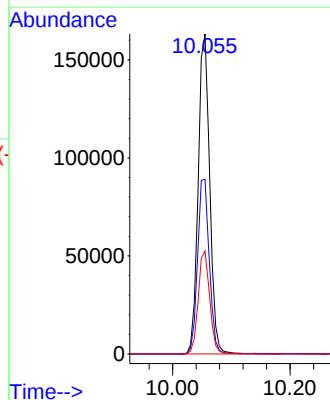
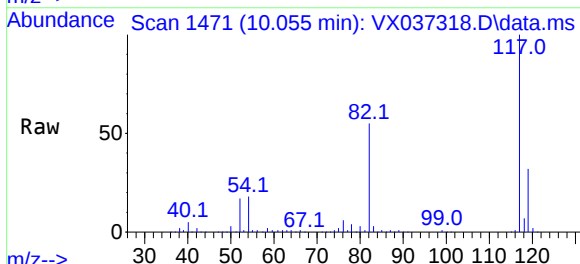
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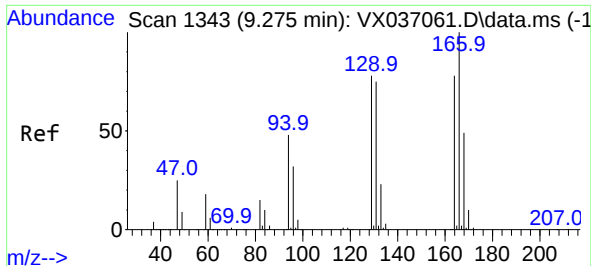
Tgt Ion: 95 Resp: 108627
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 71.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

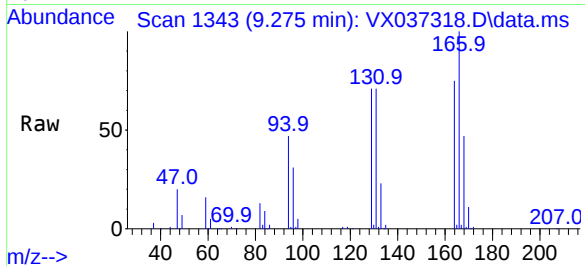
Tgt Ion: 117 Resp: 222105
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 32.2 25.5 38.3





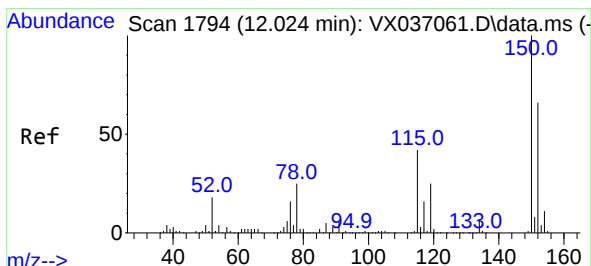
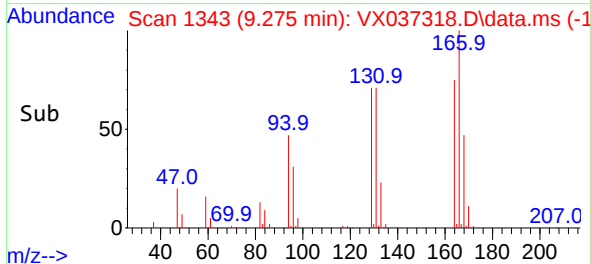
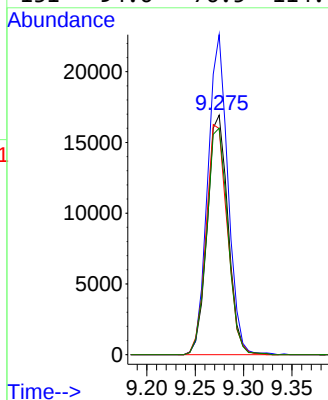
#64
Tetrachloroethene
Concen: 15.576 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

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Tgt Ion:164 Resp: 25237

Ion	Ratio	Lower	Upper
164	100		
166	133.6	102.7	154.1
129	94.4	80.4	120.6
131	94.6	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037318.D
Acq: 29 Aug 2023 04:21

Tgt Ion:152 Resp: 102394

Ion	Ratio	Lower	Upper
152	100		
115	62.1	43.3	129.9
150	156.0	0.0	345.0

