

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037227.D
 Acq On : 24 Aug 2023 19:32
 Operator : JC/MD
 Sample : 04051-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20230816

Quant Time: Aug 24 23:40:49 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)

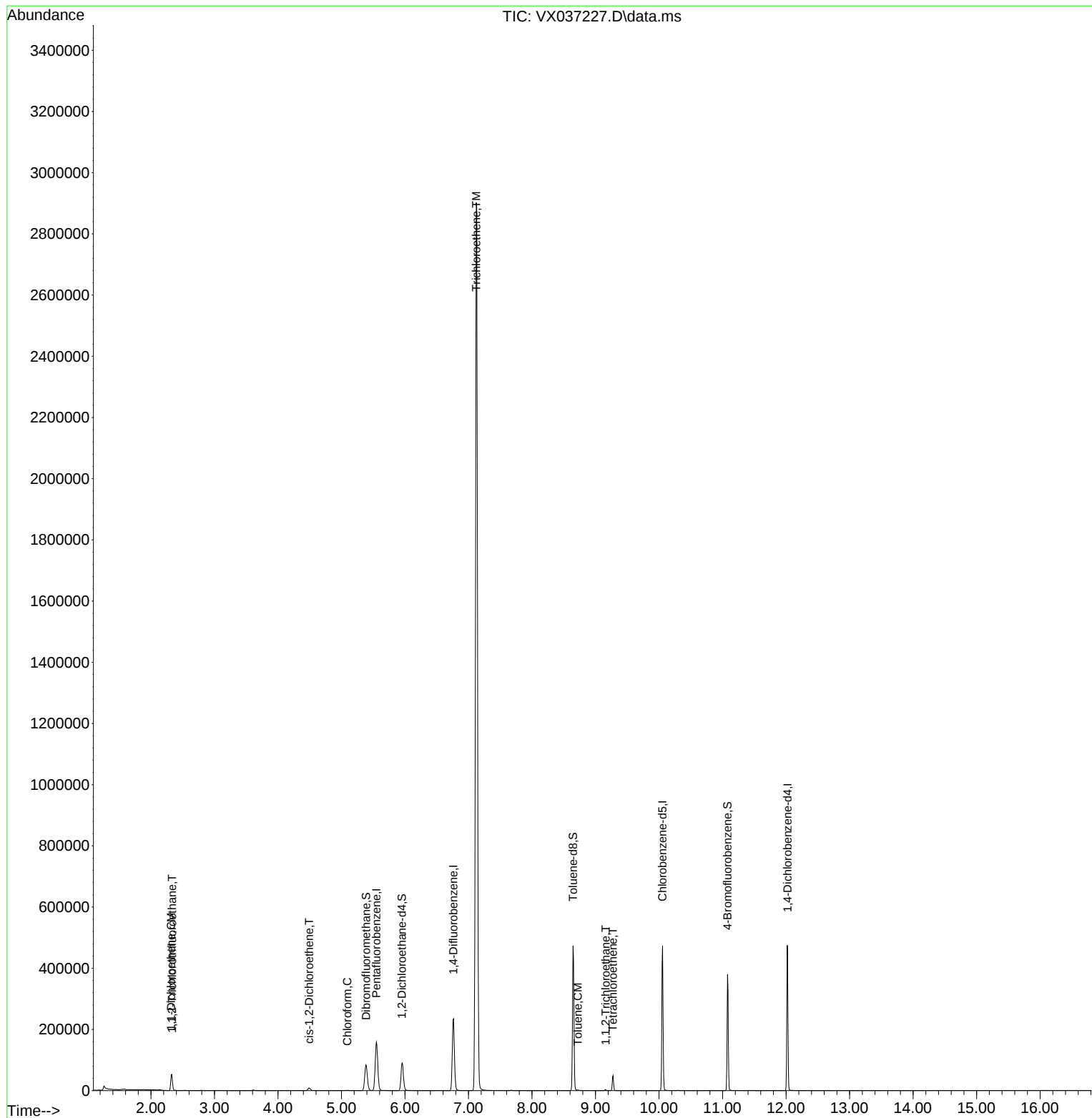
Internal Standards						
1) Pentafluorobenzene	5.550	168	145962	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92902	44.149	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.300%
35) Dibromofluoromethane	5.385	113	74859	46.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.647	98	284372	48.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	105453	45.733	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.460%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	12826	8.313	ug/l	98
12) 1,1-Dichloroethene	2.319	96	9260	6.163	ug/l	86
27) cis-1,2-Dichloroethene	4.489	96	6133	3.046	ug/l	81
30) Chloroform	5.092	83	1391	0.414	ug/l	86
44) Trichloroethene	7.123	130	1164203	622.929	ug/l	97
52) Toluene	8.720	92	920	0.211	ug/l	81
55) 1,1,2-Trichloroethane	9.159	97	980	0.553	ug/l	93
64) Tetrachloroethene	9.275	164	8859	5.624	ug/l	96

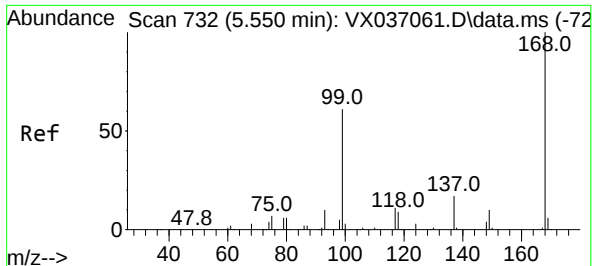
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
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RE120D1-20230816

Quant Time: Aug 24 23:40:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

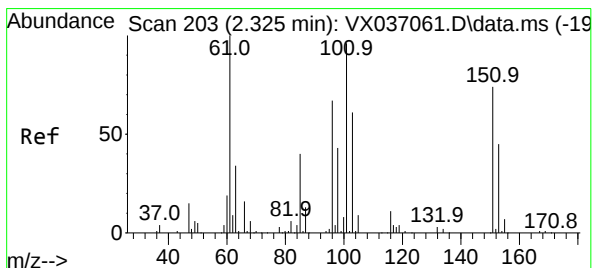
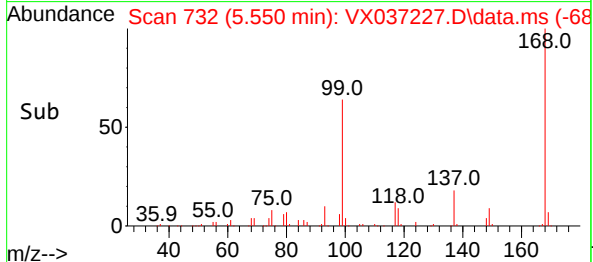
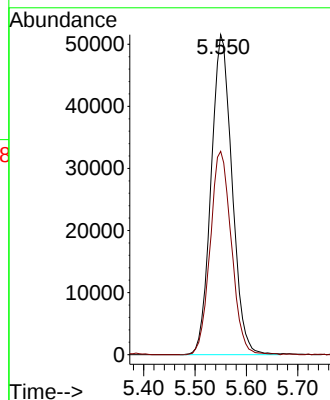
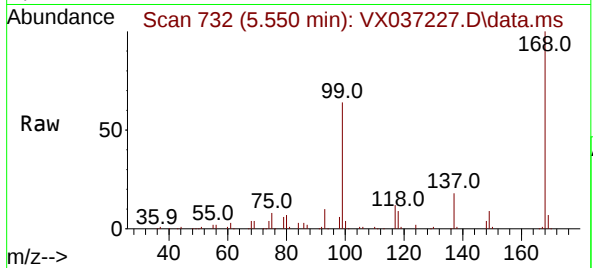




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

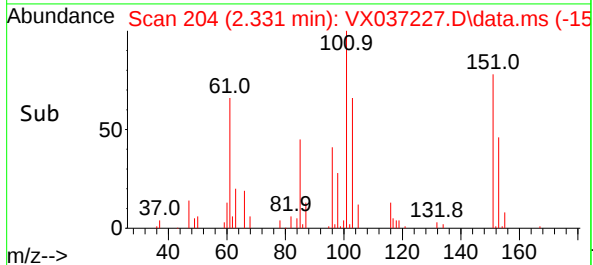
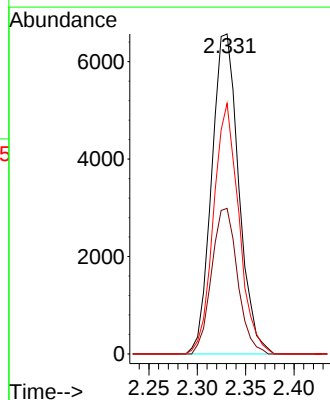
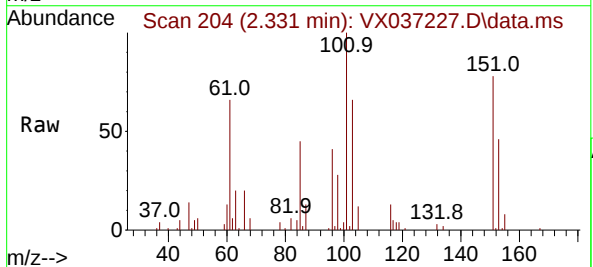
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230816

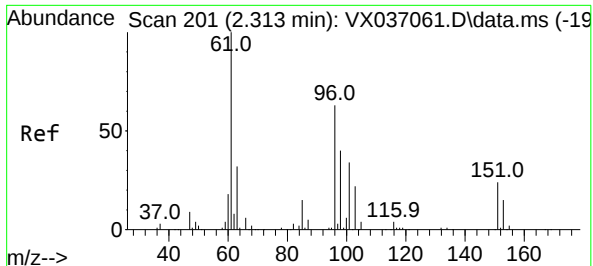
Tgt Ion:168 Resp: 145962
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.313 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion:101 Resp: 12826
Ion Ratio Lower Upper
101 100
85 43.5 37.0 55.6
151 73.3 58.6 87.8





#12

1,1-Dichloroethene

Concen: 6.163 ug/l

RT: 2.319 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX037227.D

Acq: 24 Aug 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20230816

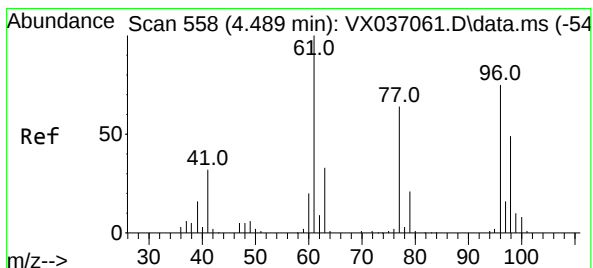
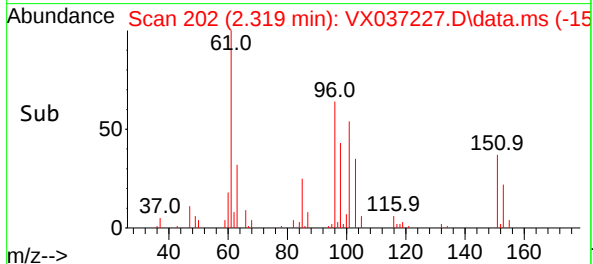
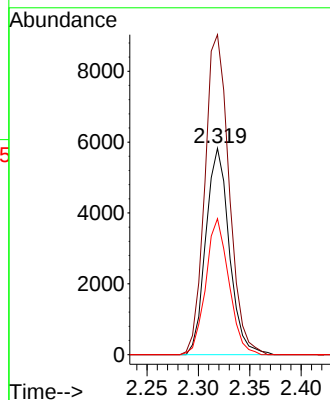
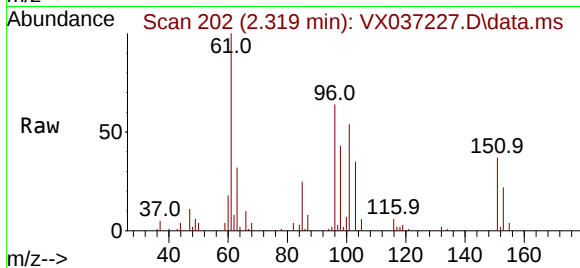
Tgt Ion: 96 Resp: 9260

Ion Ratio Lower Upper

96 100

61 155.1 144.6 216.8

98 65.9 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 3.046 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX037227.D

Acq: 24 Aug 2023 19:32

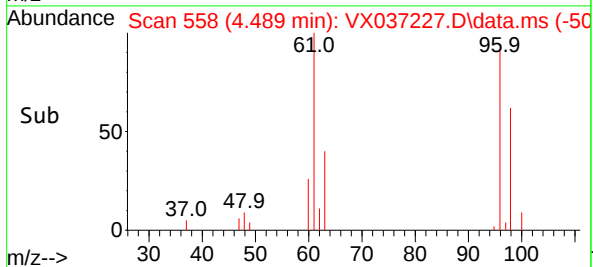
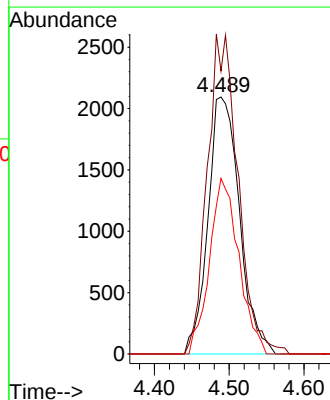
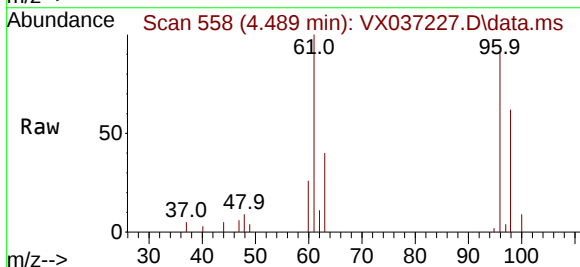
Tgt Ion: 96 Resp: 6133

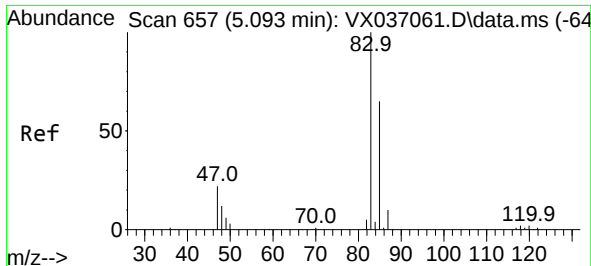
Ion Ratio Lower Upper

96 100

61 121.7 0.0 312.2

98 63.6 0.0 129.0





#30

Chloroform

Concen: 0.414 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX037227.D

Acq: 24 Aug 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

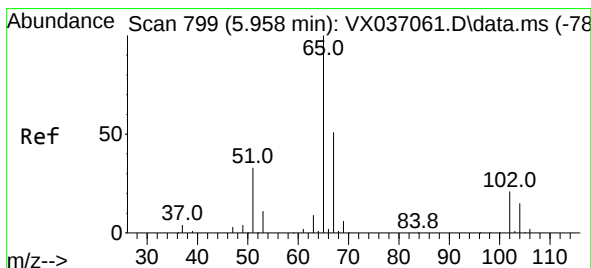
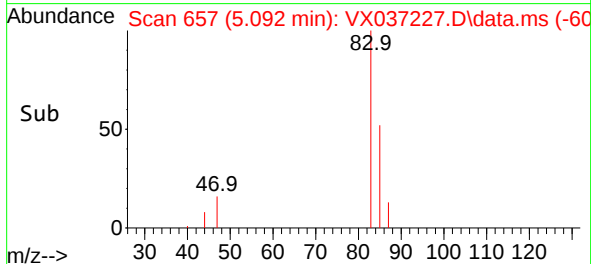
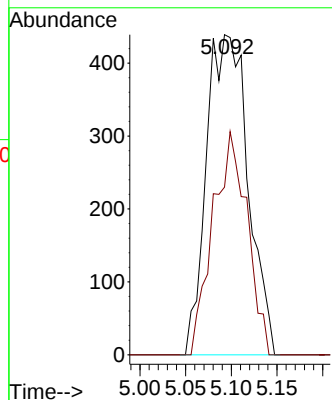
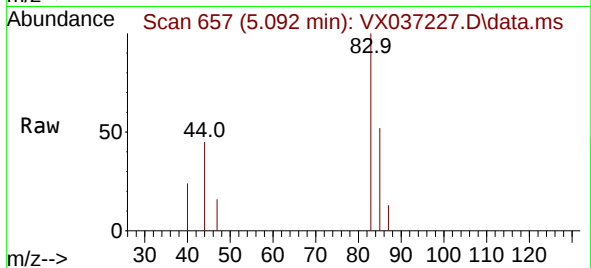
RE120D1-20230816

Tgt Ion: 83 Resp: 1391

Ion Ratio Lower Upper

83 100

85 52.4 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 44.149 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037227.D

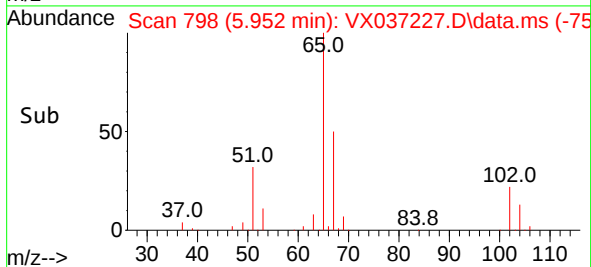
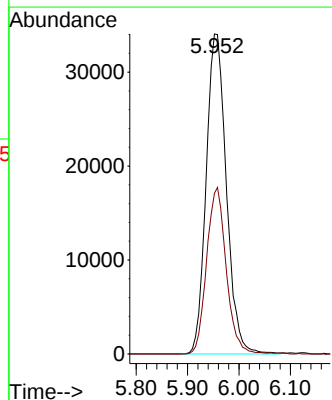
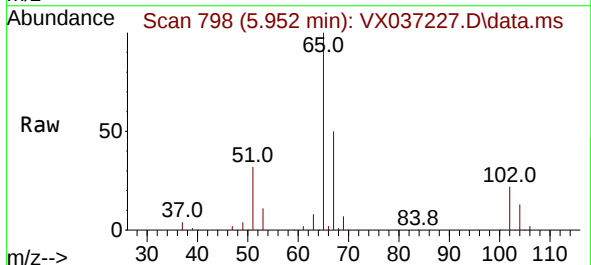
Acq: 24 Aug 2023 19:32

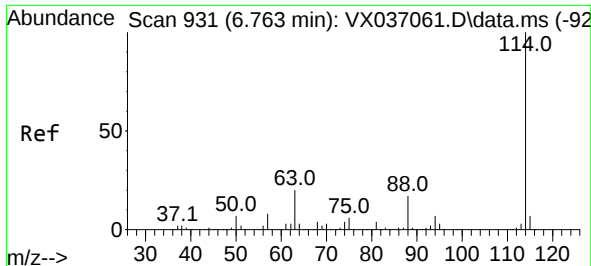
Tgt Ion: 65 Resp: 92902

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2

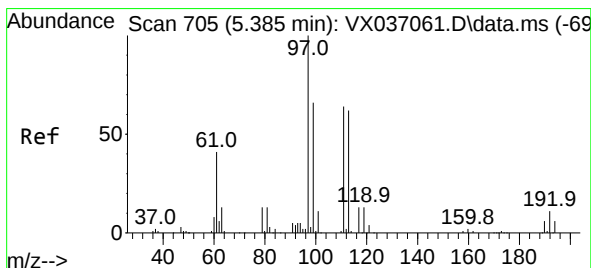
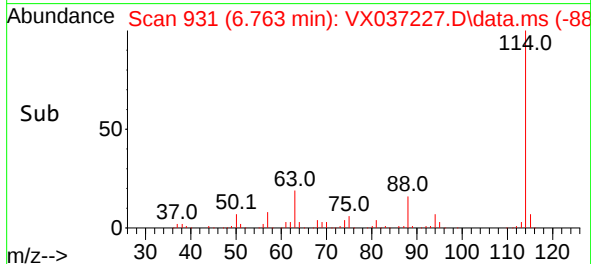
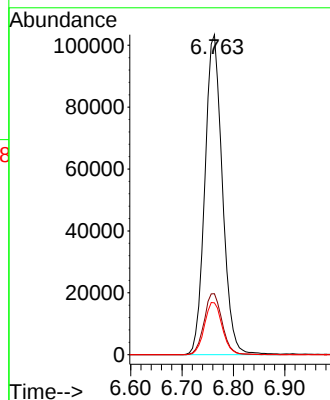
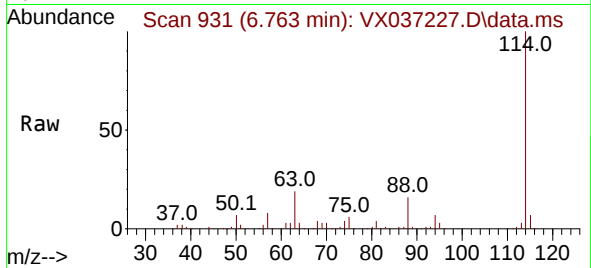




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

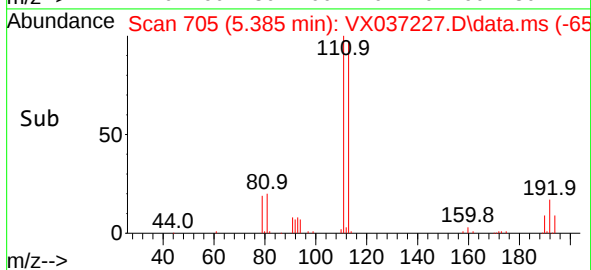
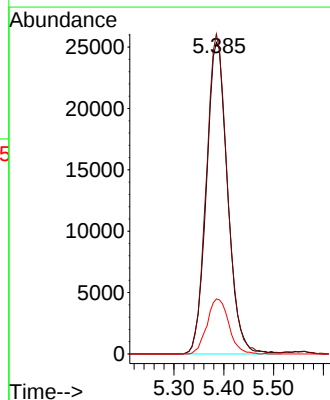
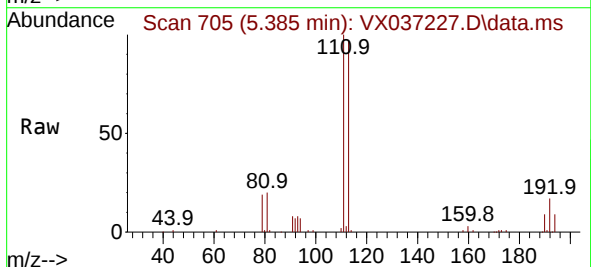
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230816

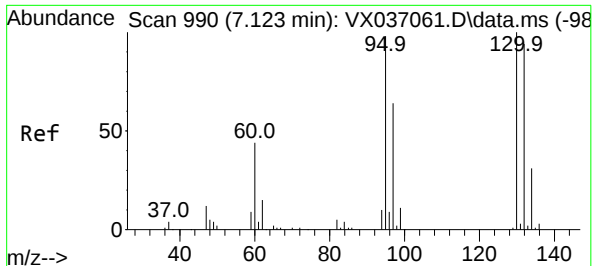
Tgt Ion:114 Resp: 244243
Ion Ratio Lower Upper
114 100
63 19.1 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.279 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion:113 Resp: 74859
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.1 13.3 19.9

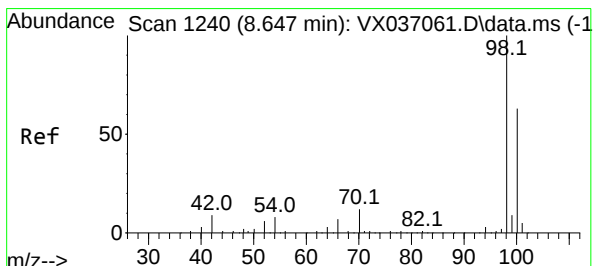
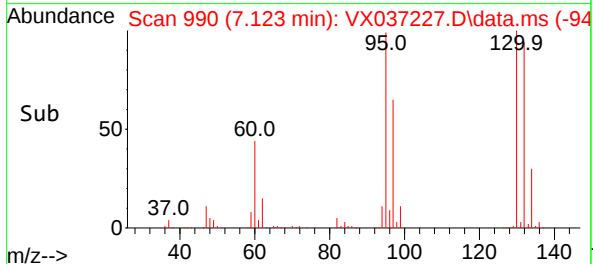
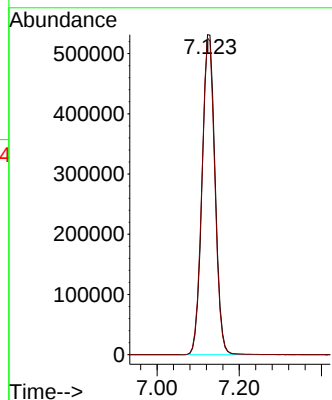
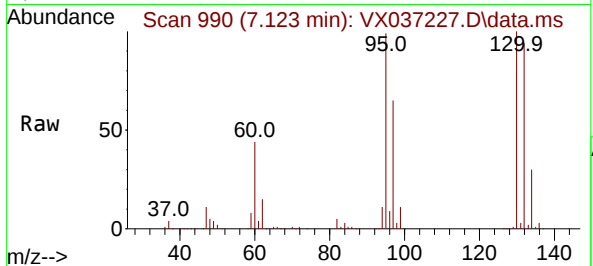




#44
Trichloroethene
Concen: 622.929 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

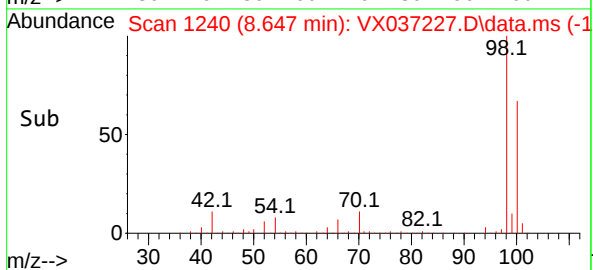
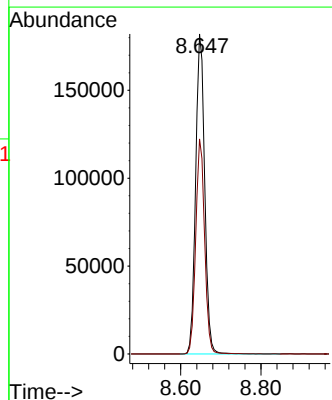
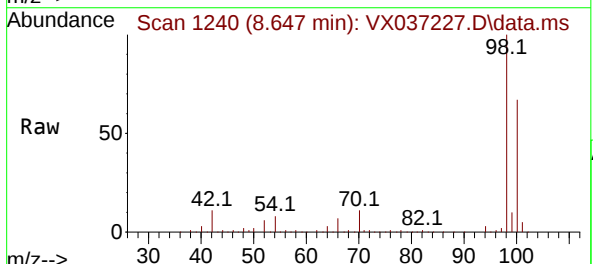
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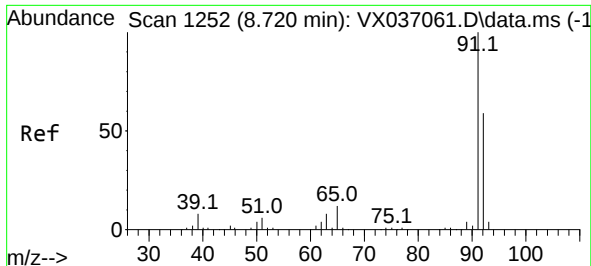
Tgt Ion:130 Resp: 1164203
Ion Ratio Lower Upper
130 100
95 99.0 0.0 204.4



#50
Toluene-d8
Concen: 48.465 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion: 98 Resp: 284372
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

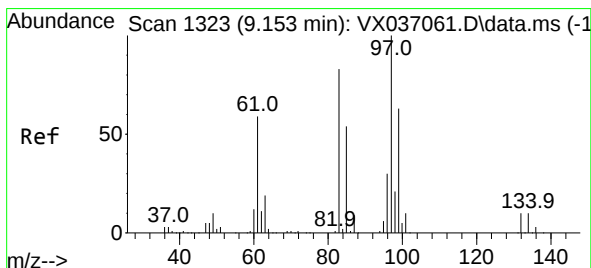
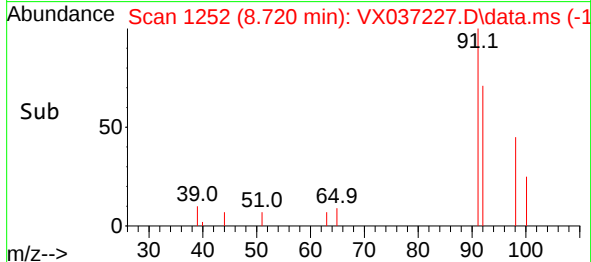
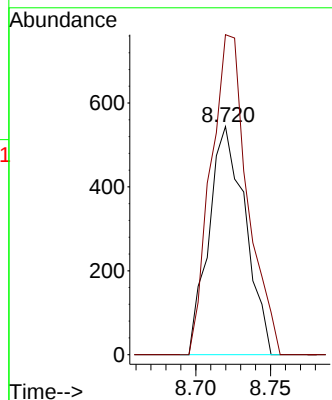
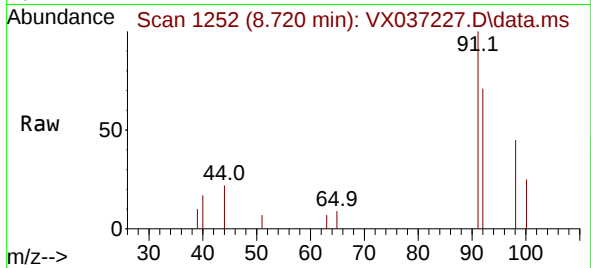




#52
Toluene
Concen: 0.211 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

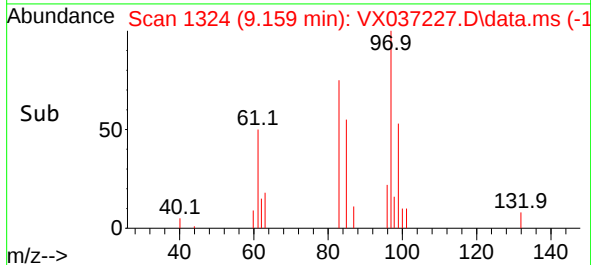
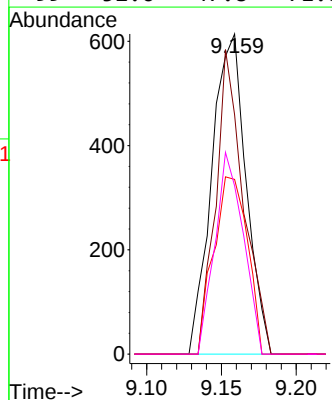
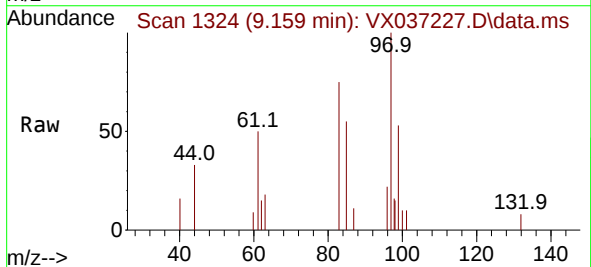
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MSVOA_X
ClientSampleId :
RE120D1-20230816

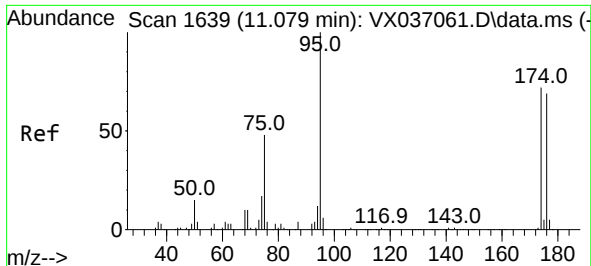
Tgt Ion: 92 Resp: 920
Ion Ratio Lower Upper
92 100
91 142.1 134.2 201.2



#55
1,1,2-Trichloroethane
Concen: 0.553 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion: 97 Resp: 980
Ion Ratio Lower Upper
97 100
83 74.8 65.8 98.8
85 54.6 41.6 62.4
99 52.6 47.8 71.8

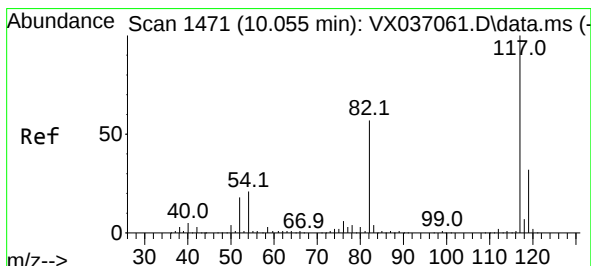
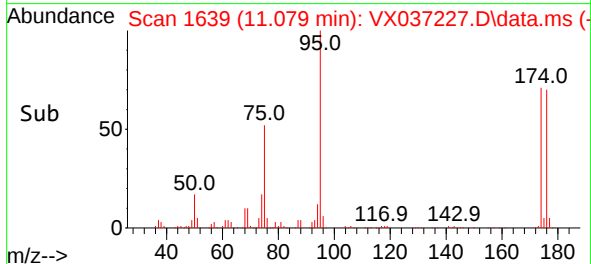
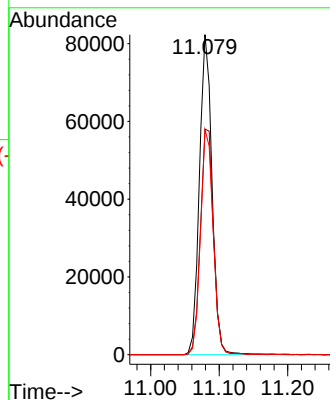
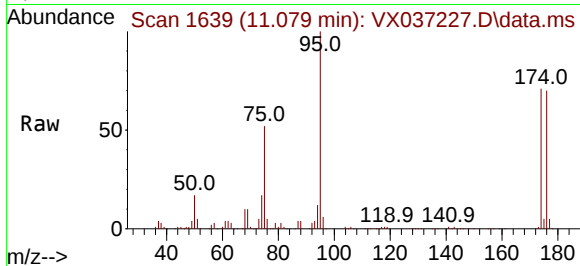




#62
4-Bromofluorobenzene
Concen: 45.733 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

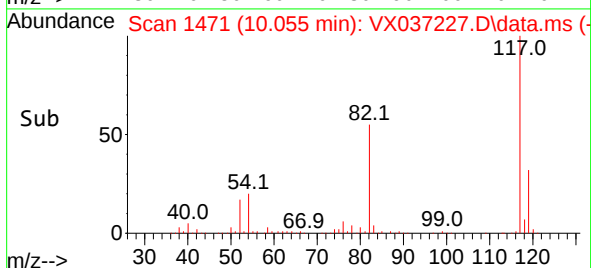
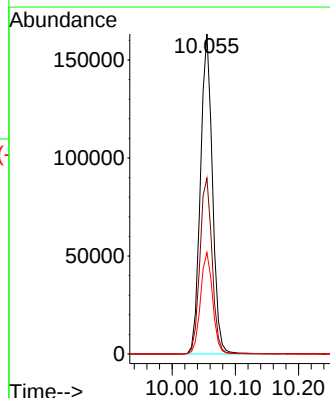
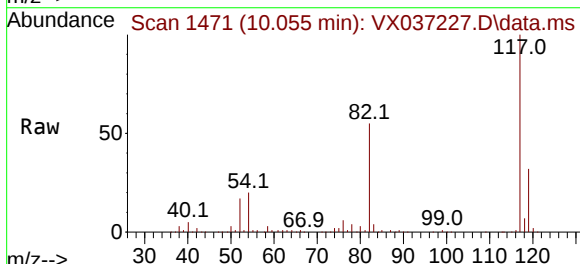
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230816

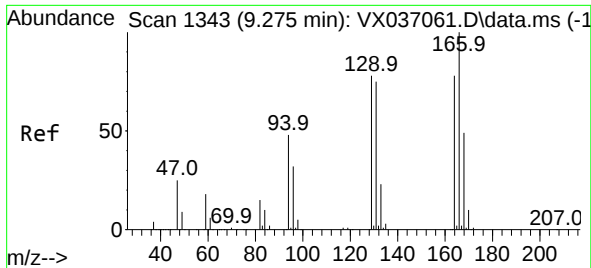
Tgt Ion: 95 Resp: 105453
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion: 117 Resp: 215943
Ion Ratio Lower Upper
117 100
82 54.9 46.2 69.4
119 31.7 25.5 38.3



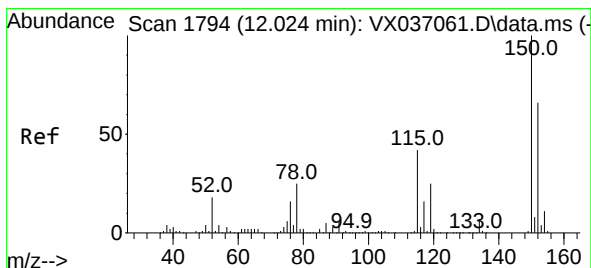
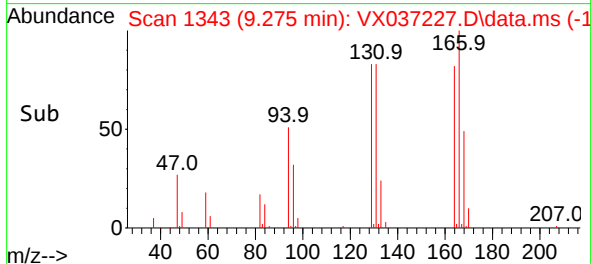
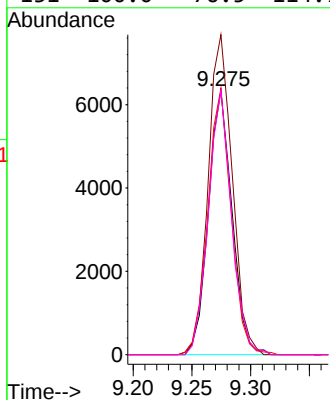
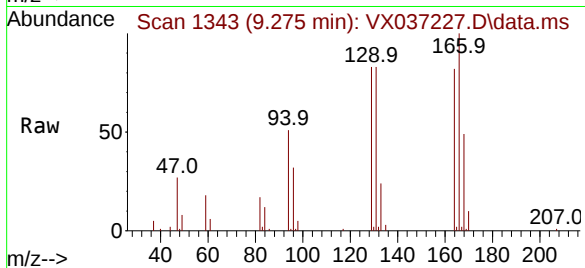


#64
Tetrachloroethene
Concen: 5.624 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037227.D
Acq: 24 Aug 2023 19:32

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20230816

Tgt Ion:164 Resp: 8859

Ion	Ratio	Lower	Upper
164	100		
166	121.3	102.7	154.1
129	101.0	80.4	120.6
131	100.0	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: VX037227.D
Acq: 24 Aug 2023 19:32

Tgt Ion:152 Resp: 97235

Ion	Ratio	Lower	Upper
152	100		
115	63.3	43.3	129.9
150	156.8	0.0	345.0

