

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037324.D
 Acq On : 29 Aug 2023 06:46
 Operator : JC/MD
 Sample : 04126-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20230821

Quant Time: Aug 29 07:22:26 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)

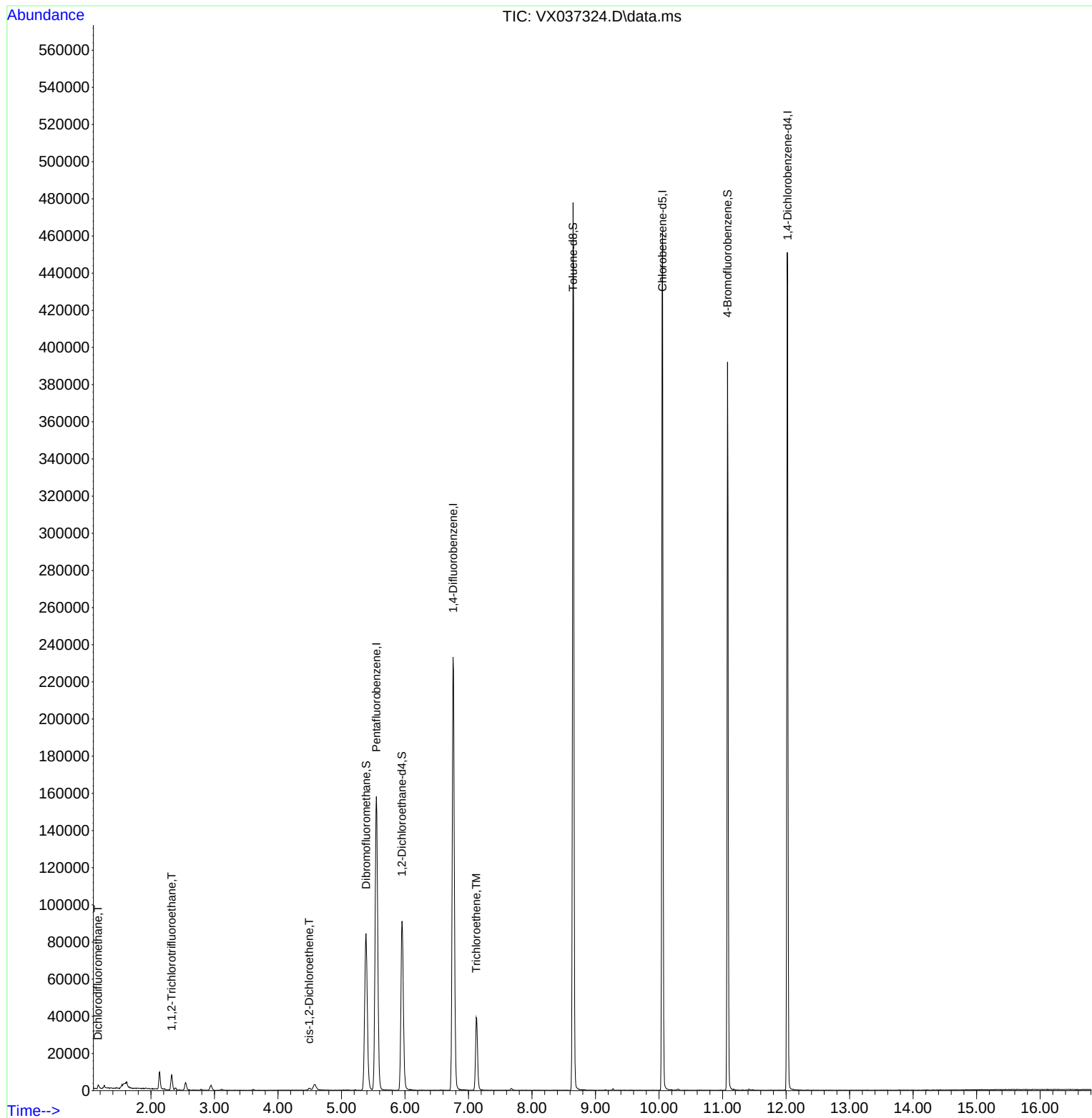
Internal Standards						
1) Pentafluorobenzene	5.550	168	149911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92184	42.653	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.300%
35) Dibromofluoromethane	5.385	113	75249	46.121	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.240%
50) Toluene-d8	8.647	98	287223	48.532	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	104404	44.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1105	0.635	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	3161	1.995	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	754	0.365	ug/l	90
44) Trichloroethene	7.123	130	16365	8.681	ug/l	94

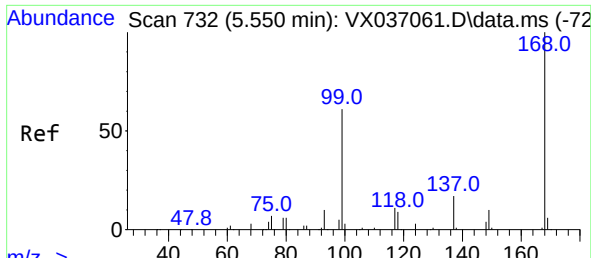
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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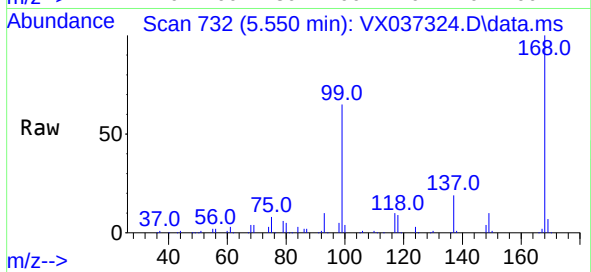
Quant Time: Aug 29 07:22:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
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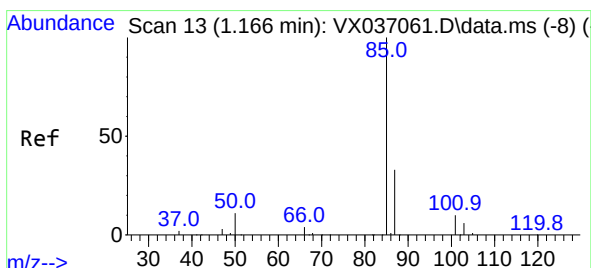
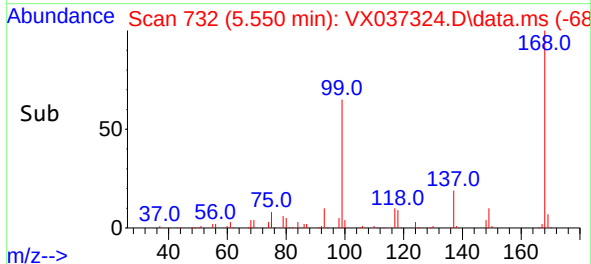
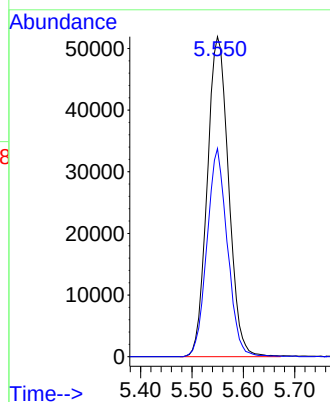


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20230821

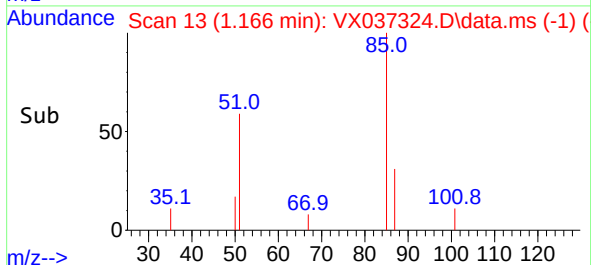
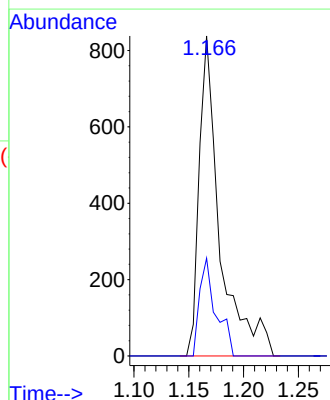
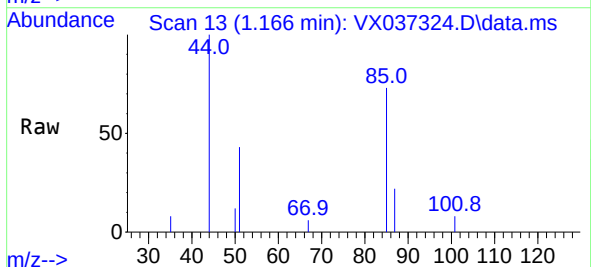


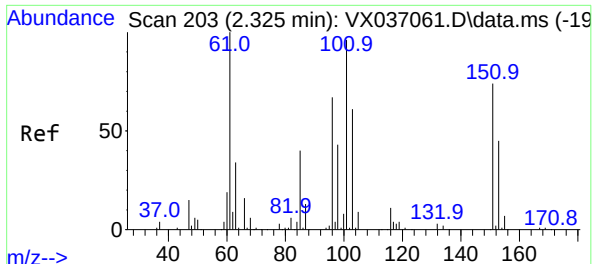
Tgt Ion:168 Resp: 149911
Ion Ratio Lower Upper
168 100
99 65.1 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.635 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Tgt Ion: 85 Resp: 1105
Ion Ratio Lower Upper
85 100
87 30.5 16.7 50.1

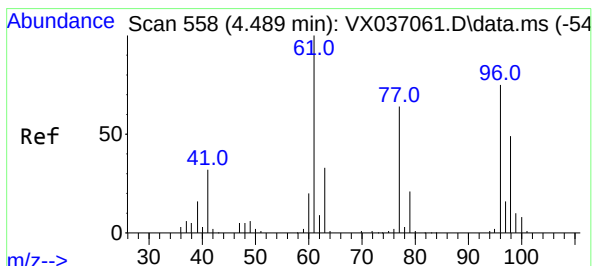
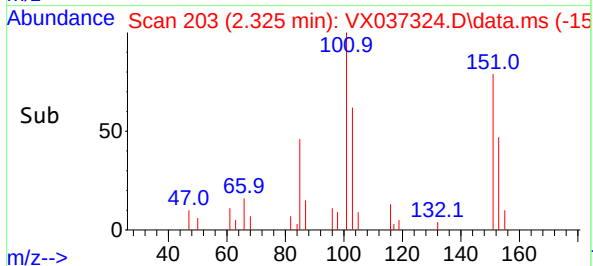
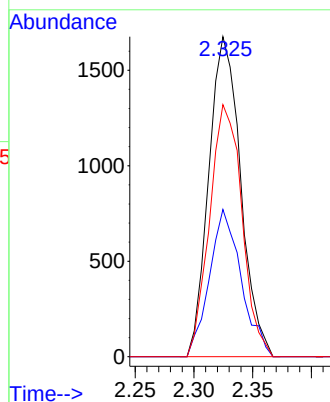
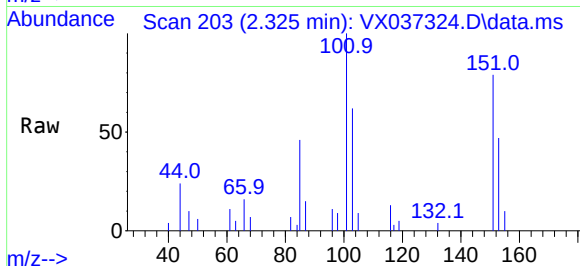




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.995 ug/l
RT: 2.325 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

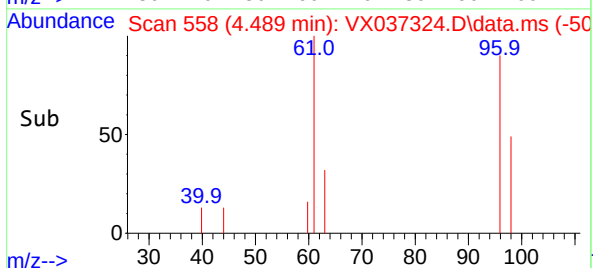
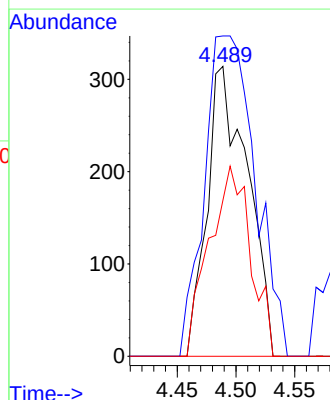
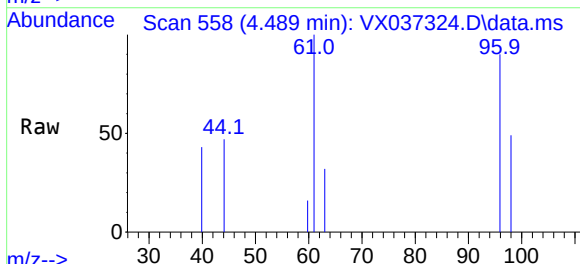
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20230821

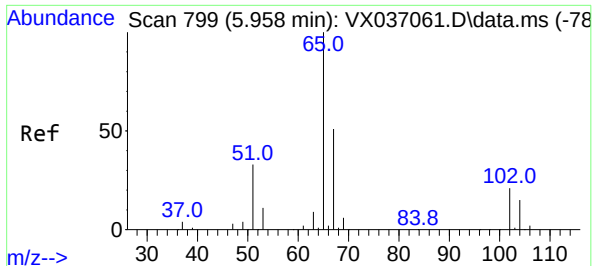
Tgt Ion:101 Resp: 3161
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 79.8 58.6 87.8



#27
cis-1,2-Dichloroethene
Concen: 0.365 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Tgt Ion: 96 Resp: 754
Ion Ratio Lower Upper
96 100
61 138.6 0.0 312.2
98 66.8 0.0 129.0

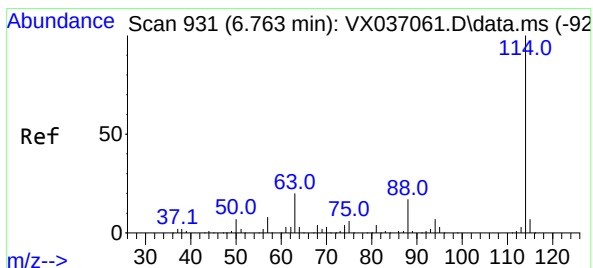
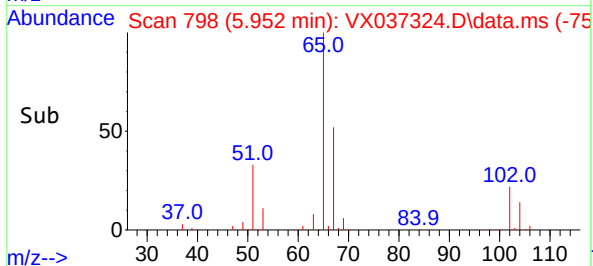
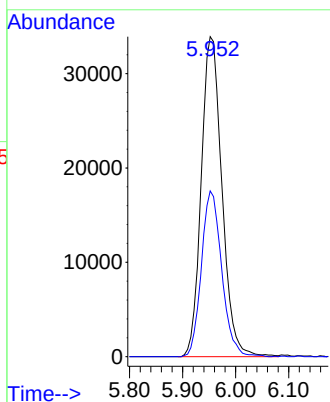
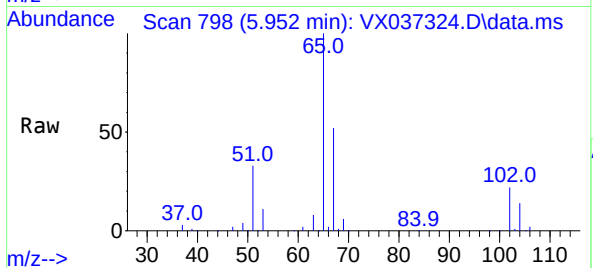




#33
1,2-Dichloroethane-d4
Concen: 42.653 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

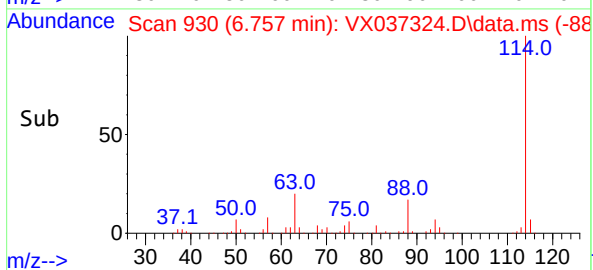
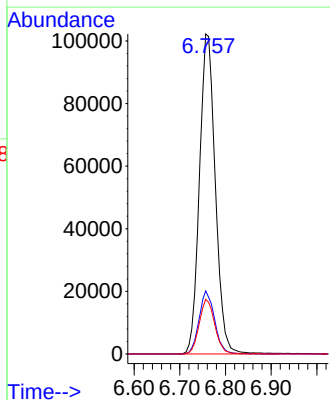
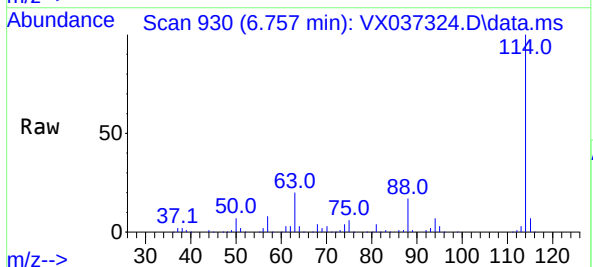
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20230821

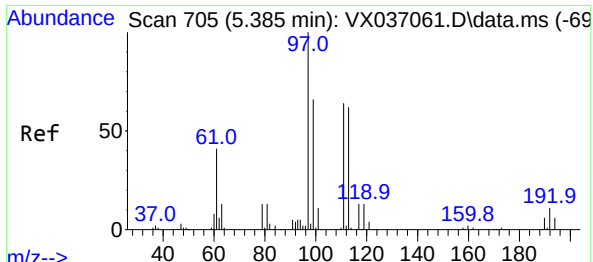
Tgt Ion: 65 Resp: 92184
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Tgt Ion: 114 Resp: 246356
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 17.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.121 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX037324.D

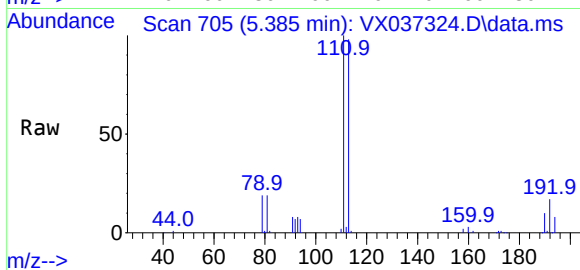
Acq: 29 Aug 2023 06:46

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20230821



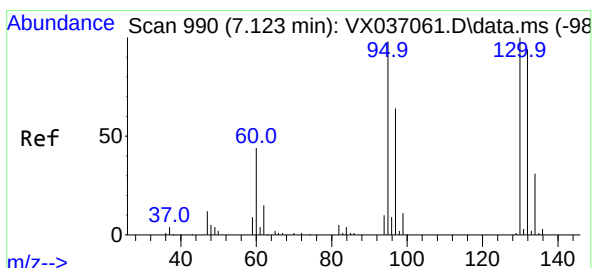
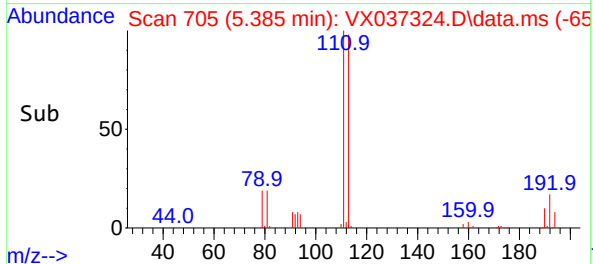
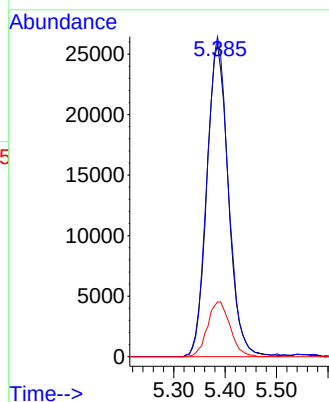
Tgt Ion:113 Resp: 75249

Ion Ratio Lower Upper

113 100

111 101.8 82.9 124.3

192 18.4 13.3 19.9



#44

Trichloroethene

Concen: 8.681 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX037324.D

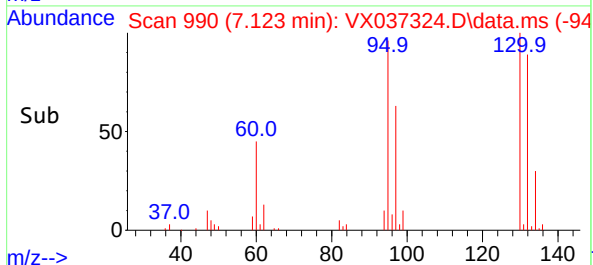
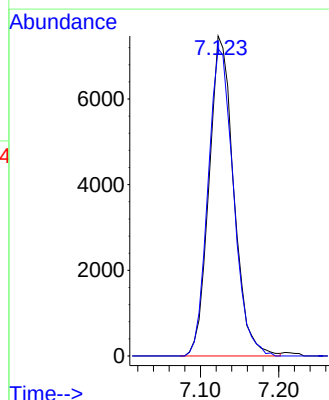
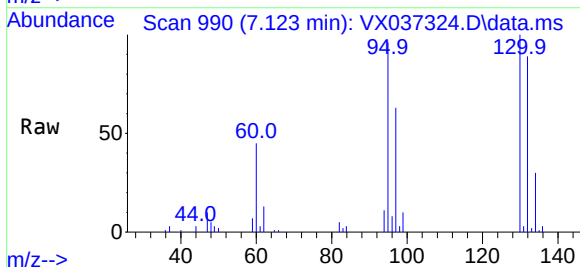
Acq: 29 Aug 2023 06:46

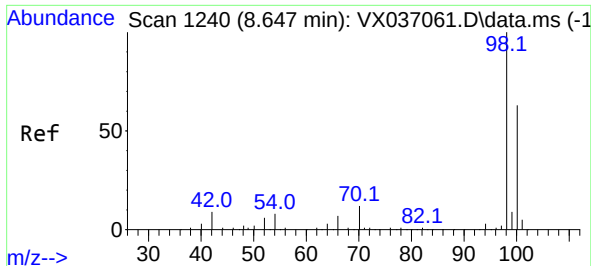
Tgt Ion:130 Resp: 16365

Ion Ratio Lower Upper

130 100

95 96.0 0.0 204.4

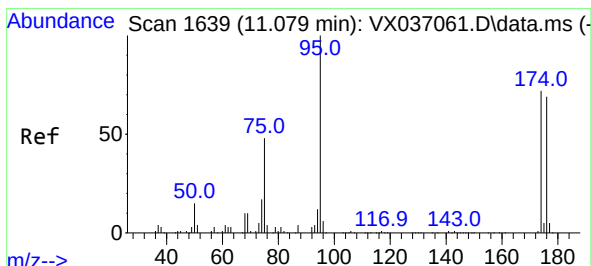
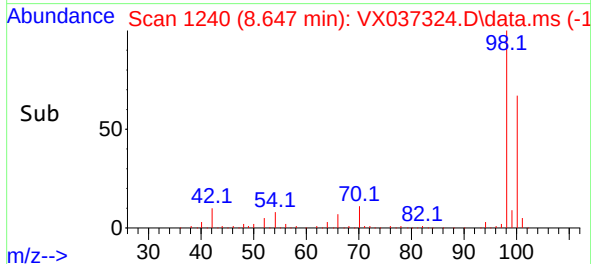
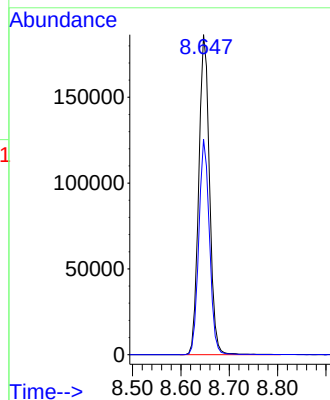
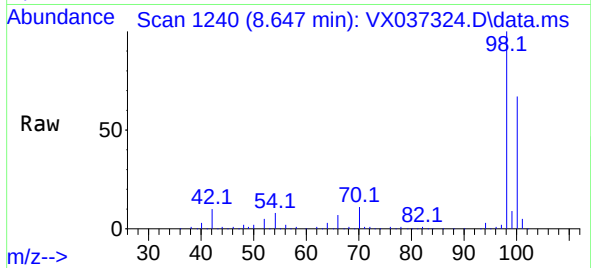




#50
Toluene-d8
Concen: 48.532 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

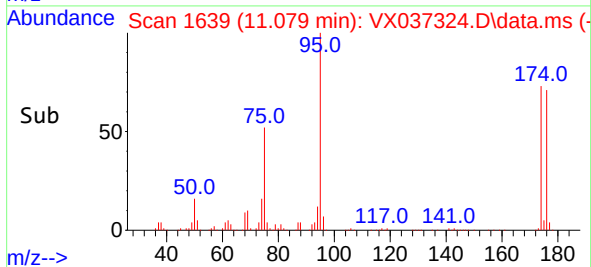
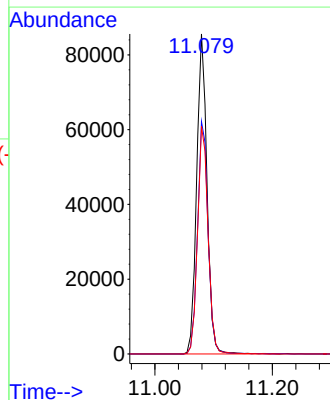
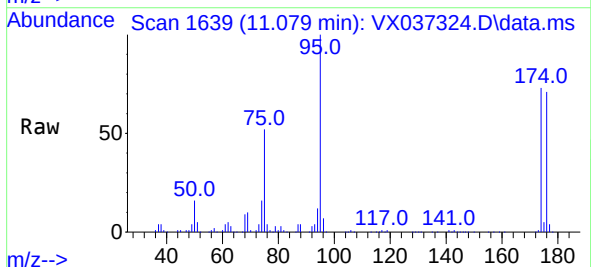
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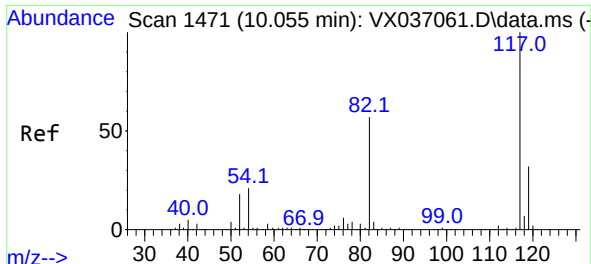
Tgt Ion: 98 Resp: 287223
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Tgt Ion: 95 Resp: 104404
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 72.6 0.0 131.0

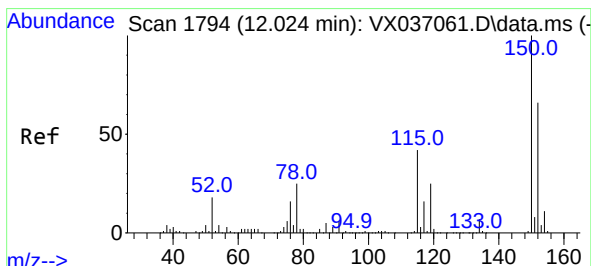
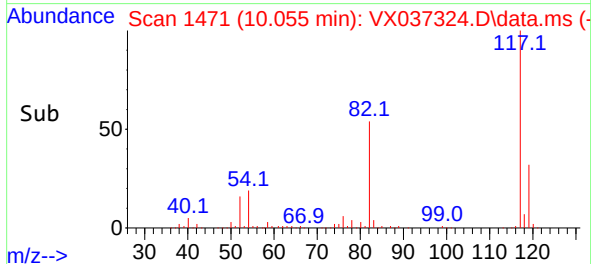
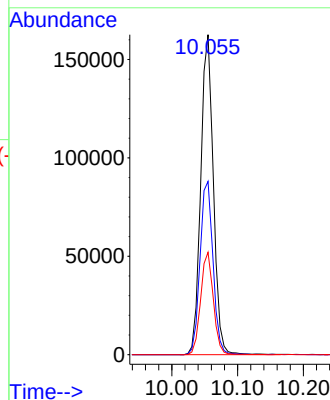
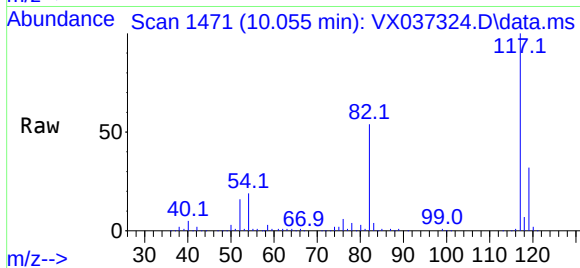




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 217278
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037324.D
Acq: 29 Aug 2023 06:46

Tgt Ion:152 Resp: 97206
Ion Ratio Lower Upper
152 100
115 62.2 43.3 129.9
150 156.9 0.0 345.0

