

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090123\
 Data File : VX037471.D
 Acq On : 01 Sep 2023 17:44
 Operator : JC/MD
 Sample : 04150-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB02-20230822RE

Quant Time: Sep 02 04:32:52 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)

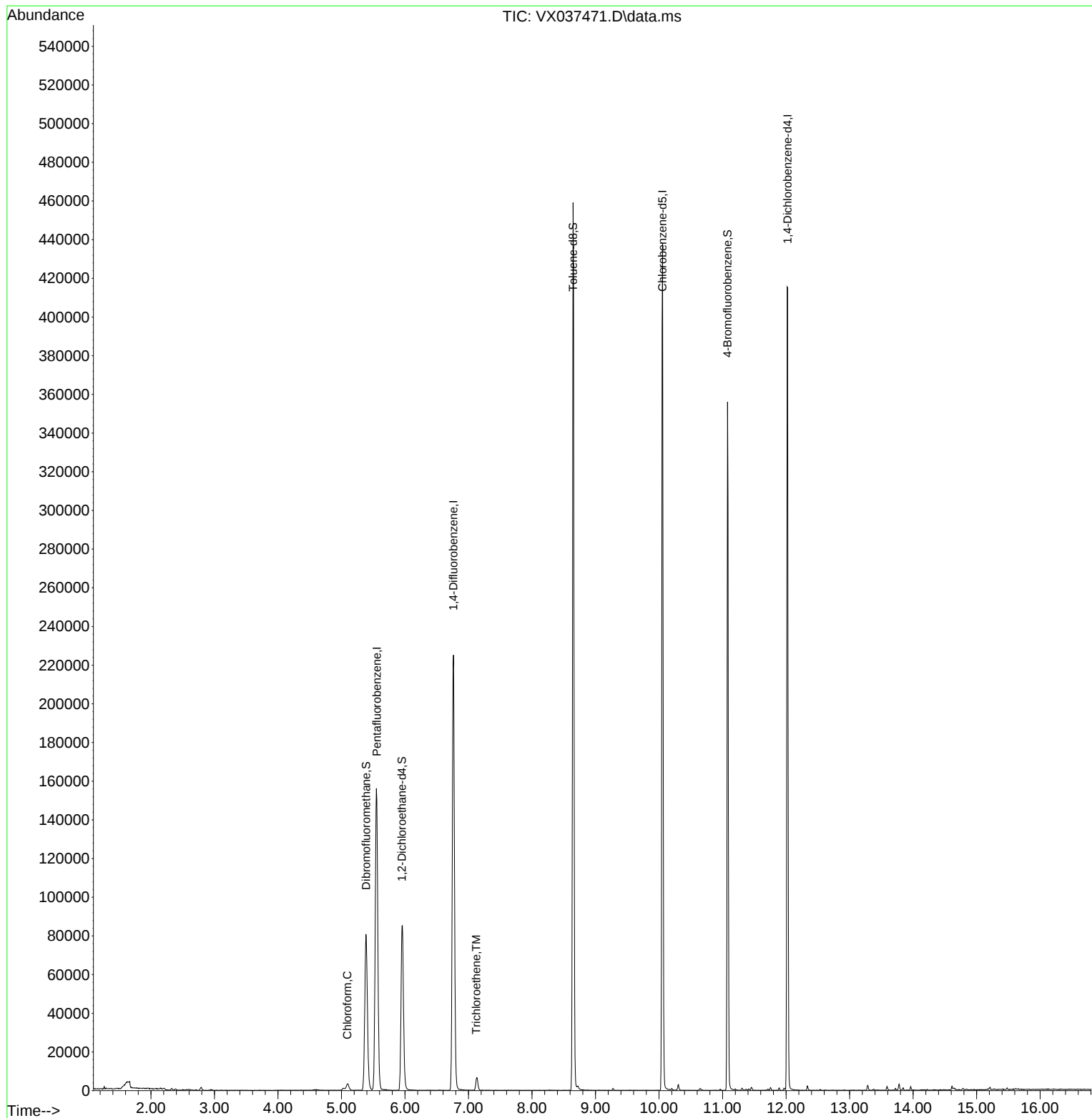
Internal Standards						
1) Pentafluorobenzene	5.556	168	147281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241965	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87297	41.113	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	82.220%
35) Dibromofluoromethane	5.385	113	71939	44.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.780%
50) Toluene-d8	8.647	98	280631	48.278	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.079	95	100044	43.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.600%
Target Compounds						
					Qvalue	
30) Chloroform	5.092	83	4501	1.328	ug/l	96
44) Trichloroethene	7.123	130	3025	1.634	ug/l	88

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

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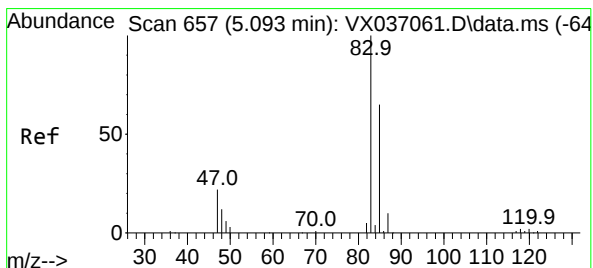
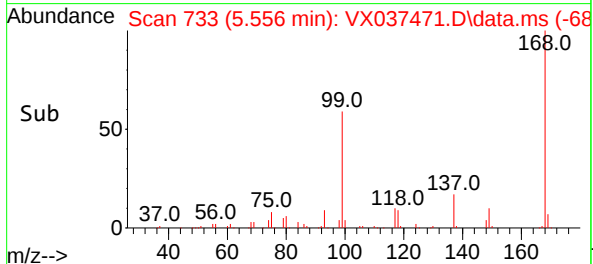
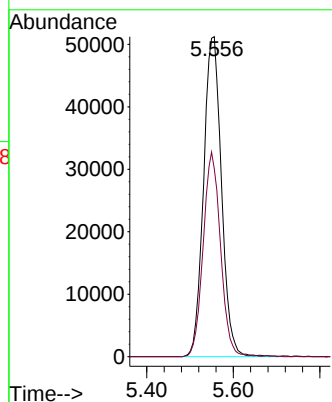
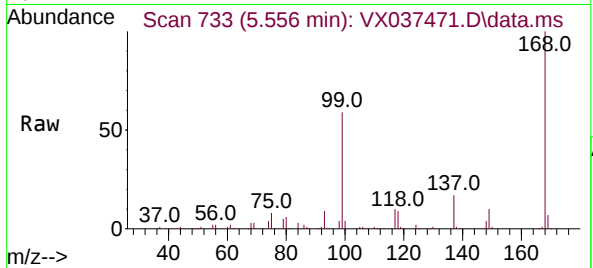




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

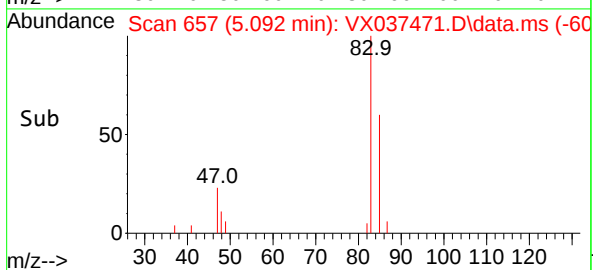
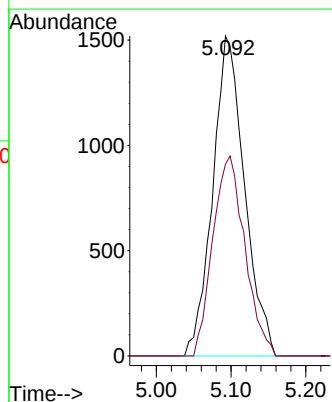
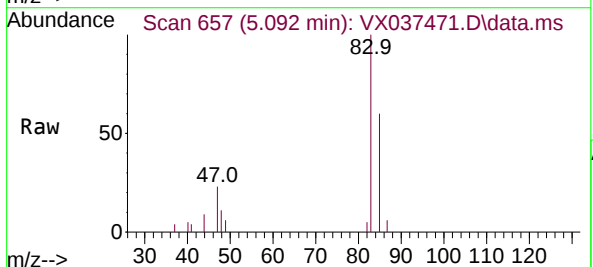
Instrument :
MSVOA_X
ClientSampleId :
EB02-20230822RE

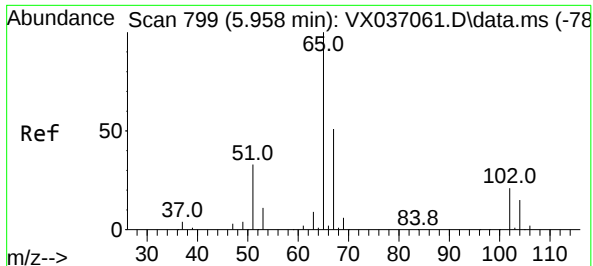
Tgt Ion:168 Resp: 147281
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#30
Chloroform
Concen: 1.328 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

Tgt Ion: 83 Resp: 4501
Ion Ratio Lower Upper
83 100
85 59.9 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 41.113 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037471.D

Acq: 01 Sep 2023 17:44

Instrument :

MSVOA_X

ClientSampleId :

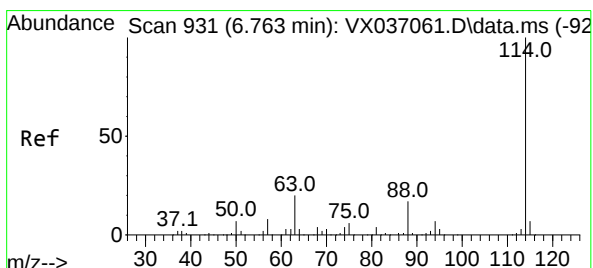
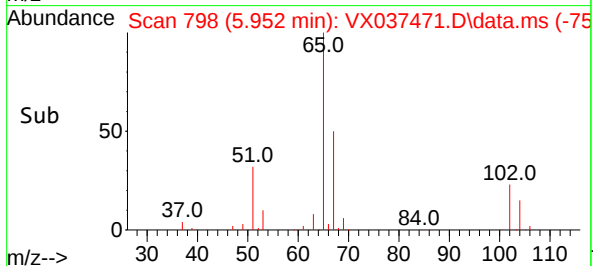
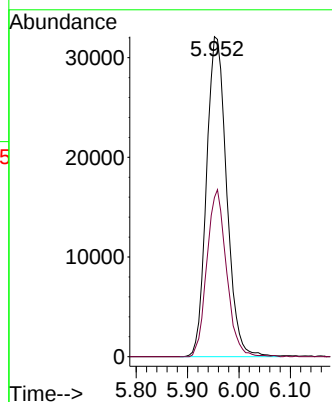
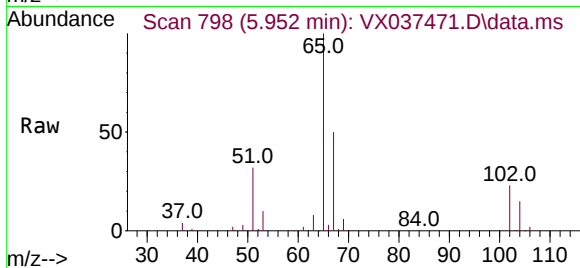
EB02-20230822RE

Tgt Ion: 65 Resp: 87297

Ion Ratio Lower Upper

65 100

67 50.8 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: VX037471.D

Acq: 01 Sep 2023 17:44

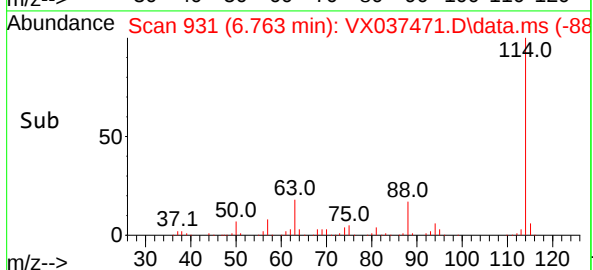
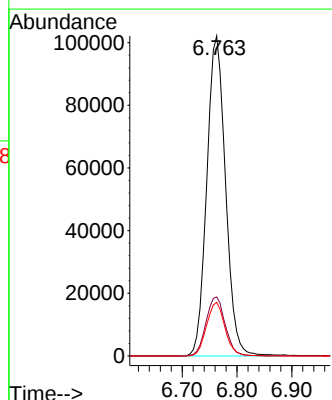
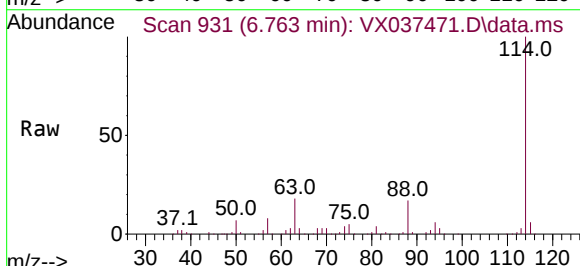
Tgt Ion: 114 Resp: 241965

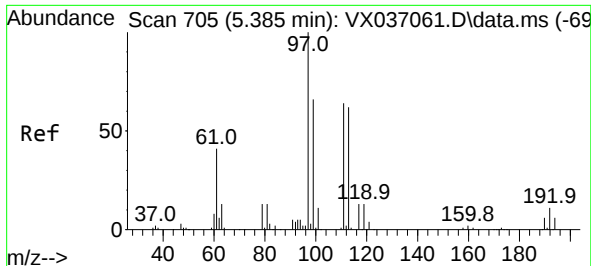
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

88 16.7 0.0 36.6

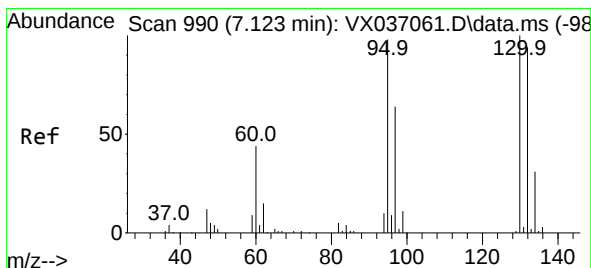
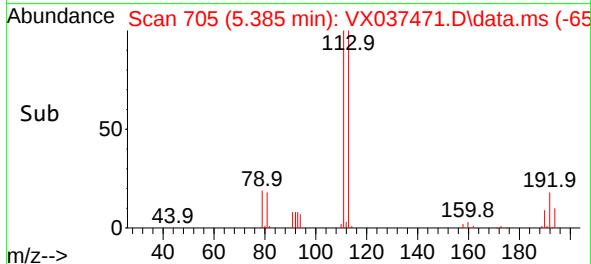
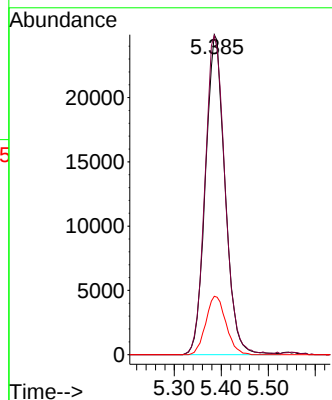
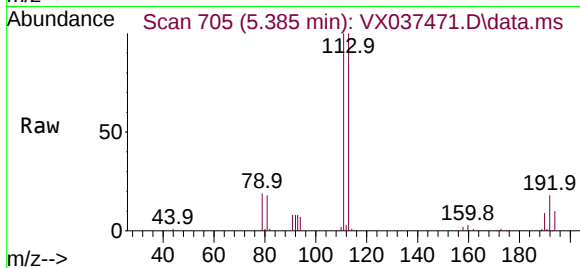




#35
Dibromofluoromethane
Concen: 44.892 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

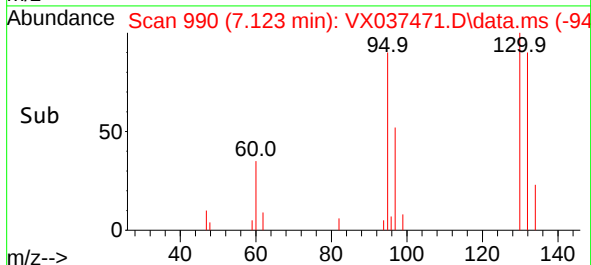
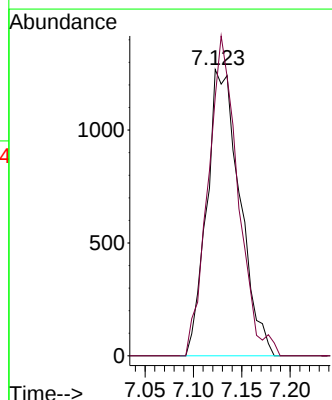
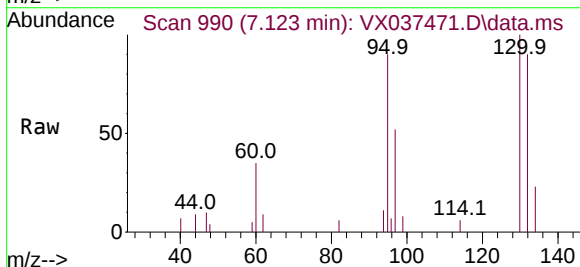
Instrument :
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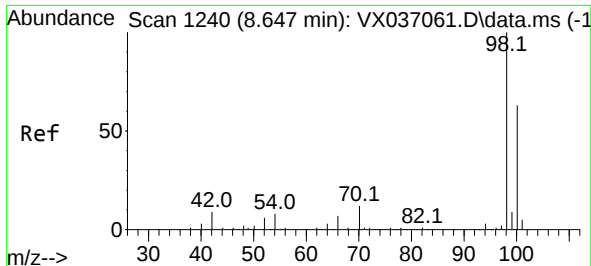
Tgt Ion:113 Resp: 71939
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.8 13.3 19.9



#44
Trichloroethene
Concen: 1.634 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

Tgt Ion:130 Resp: 3025
Ion Ratio Lower Upper
130 100
95 90.4 0.0 204.4

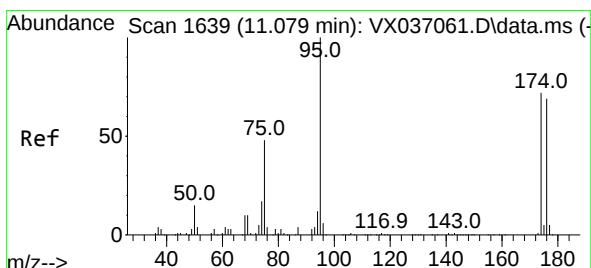
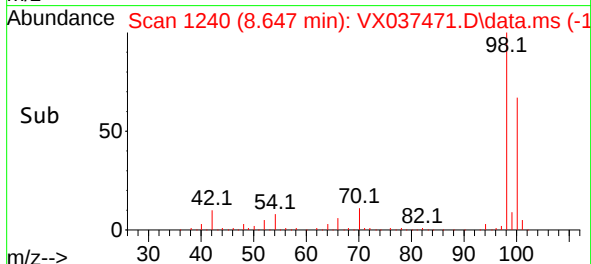
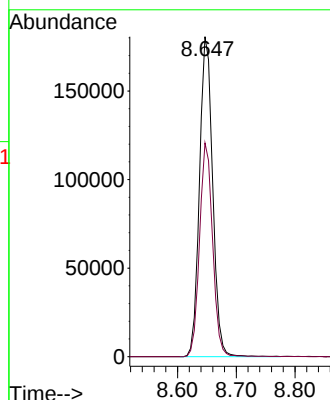
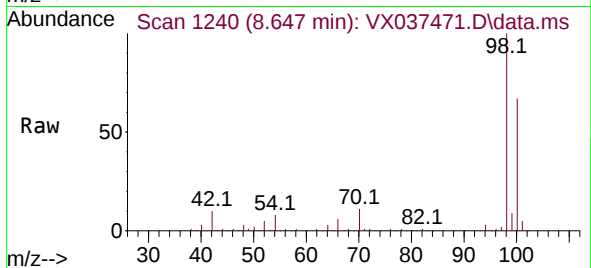




#50
Toluene-d8
Concen: 48.278 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

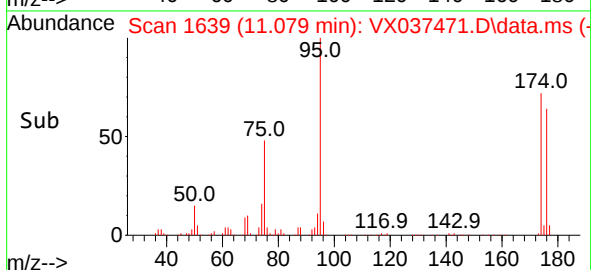
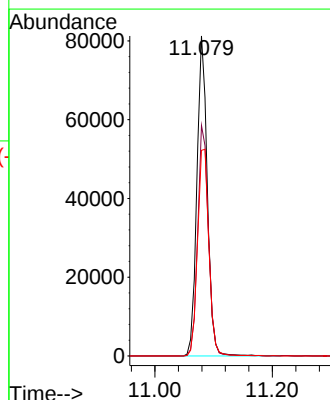
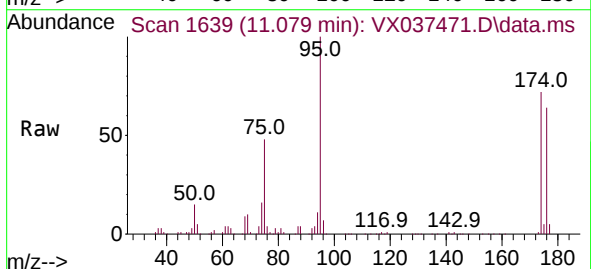
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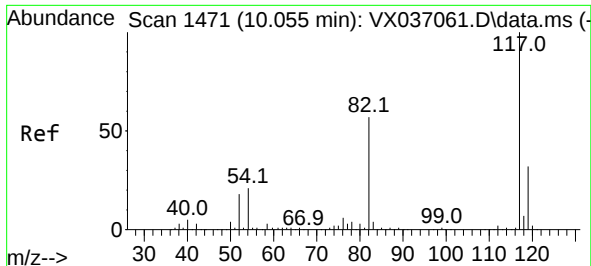
Tgt Ion: 98 Resp: 280631
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 43.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

Tgt Ion: 95 Resp: 100044
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.5 0.0 131.0

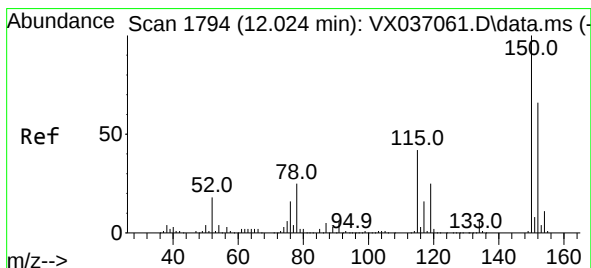
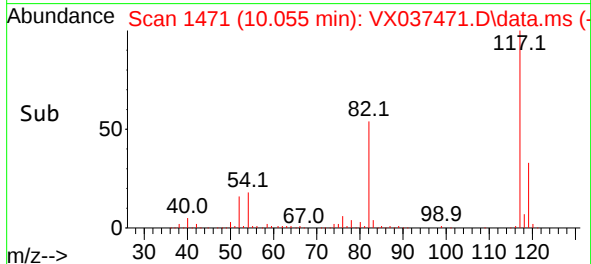
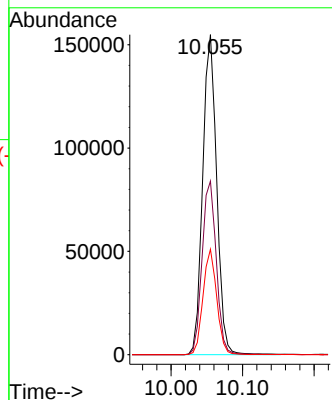
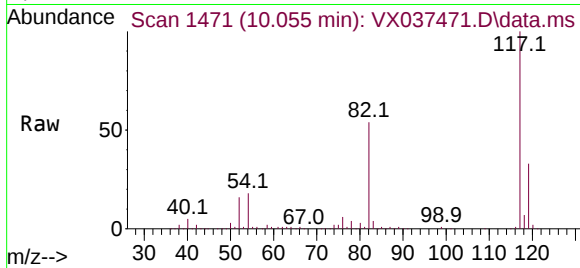




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037471.D
Acq: 01 Sep 2023 17:44

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 210523
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 32.9 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: VX037471.D
Acq: 01 Sep 2023 17:44

Tgt Ion:152 Resp: 91399
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 158.4 0.0 345.0

