

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022624\
 Data File : VX040471.D
 Acq On : 26 Feb 2024 19:21
 Operator : JC/MD
 Sample : P1578-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20240221

Quant Time: Feb 27 05:13:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

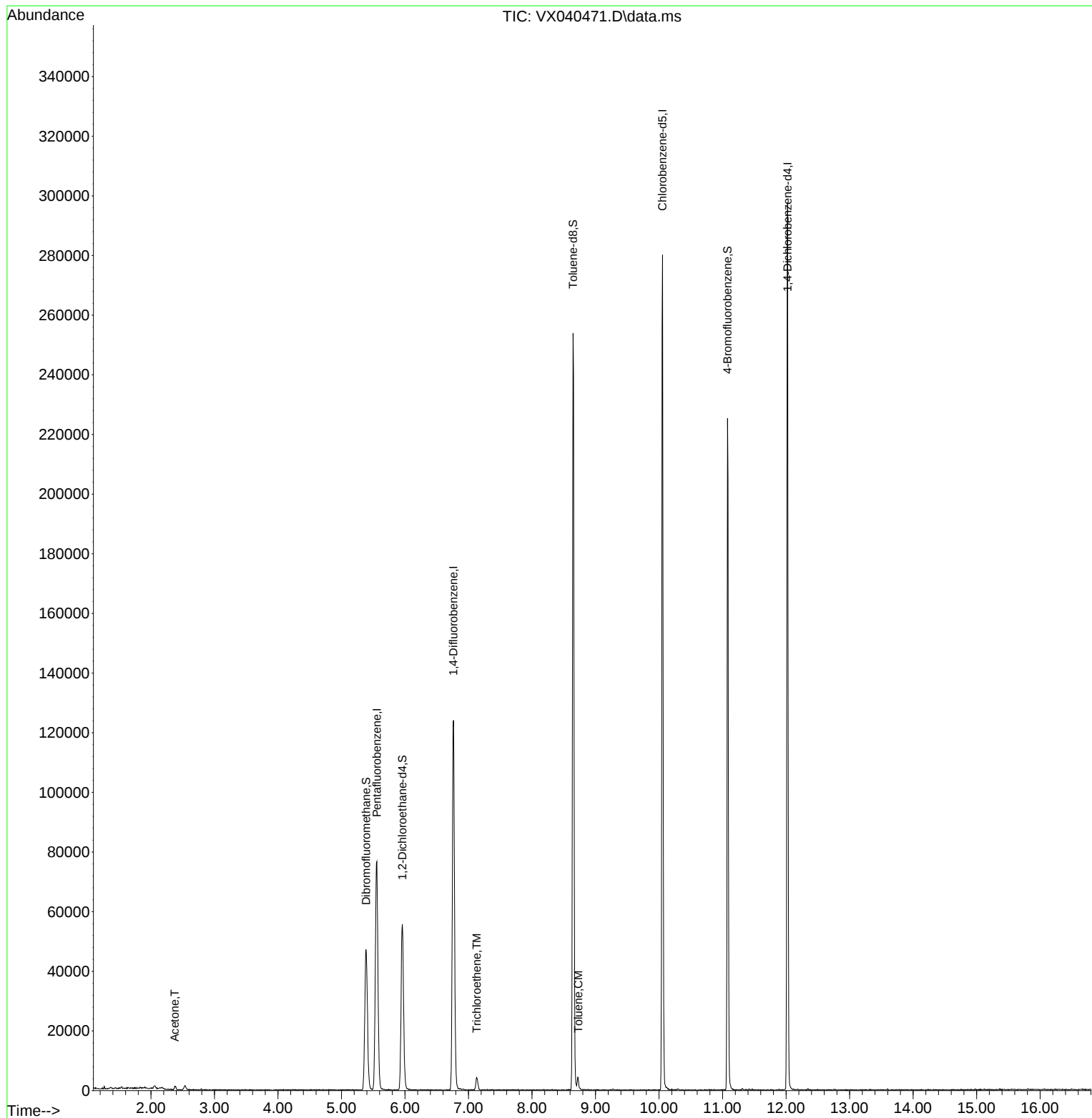
Internal Standards						
1) Pentafluorobenzene	5.556	168	67689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56860	50.223	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.440%
35) Dibromofluoromethane	5.385	113	40079	47.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	8.647	98	148069	48.847	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.700%
62) 4-Bromofluorobenzene	11.079	95	58878	50.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.900%
Target Compounds						
						Qvalue
16) Acetone	2.374	43	1333	3.610	ug/l #	86
44) Trichloroethene	7.129	130	1696	1.810	ug/l	84
52) Toluene	8.726	92	1420	0.664	ug/l	81

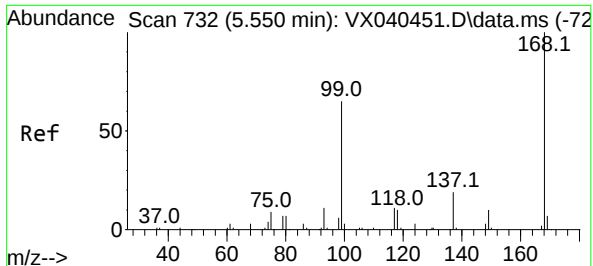
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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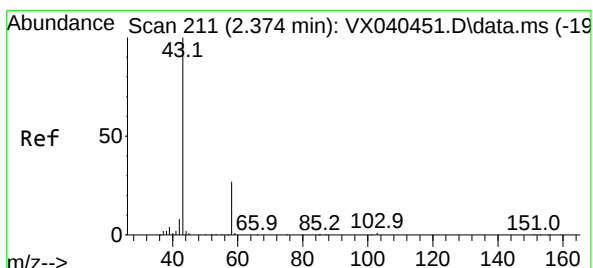
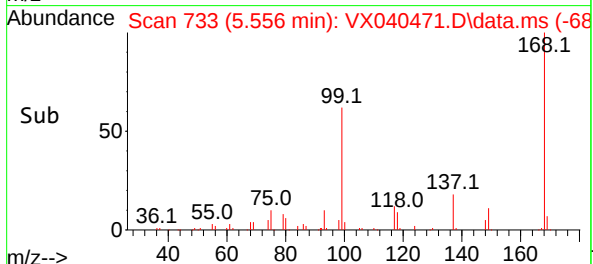
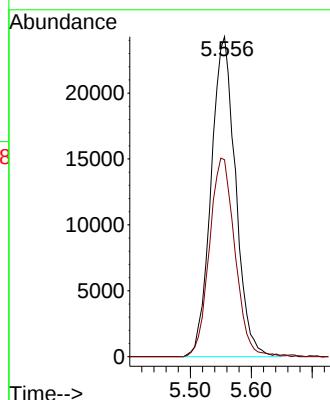
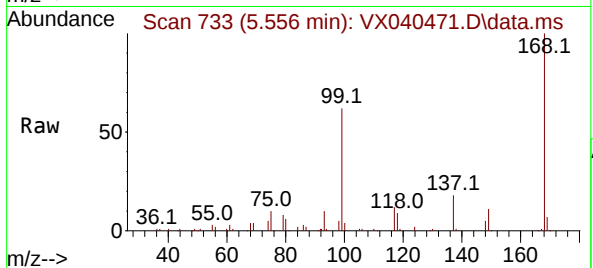




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

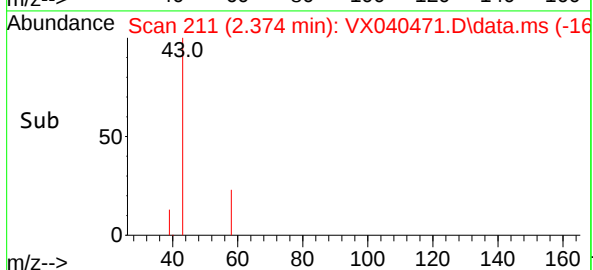
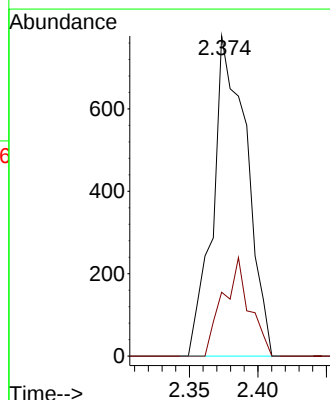
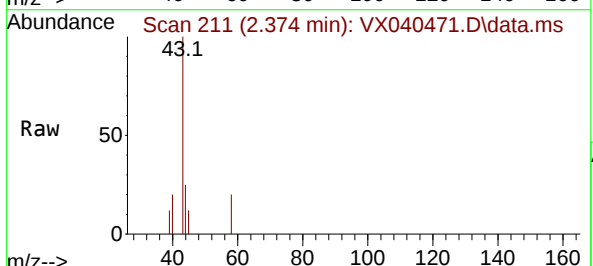
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20240221

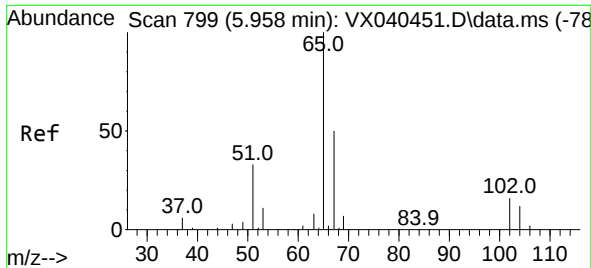
Tgt Ion:168 Resp: 67689
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#16
Acetone
Concen: 3.610 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 19.9 21.9 32.9#

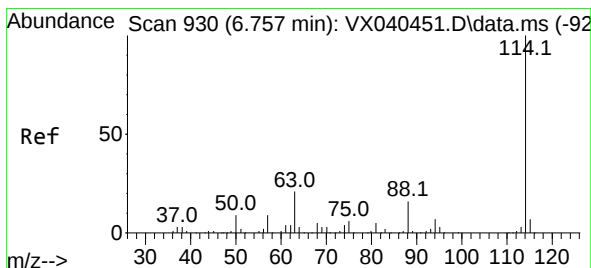
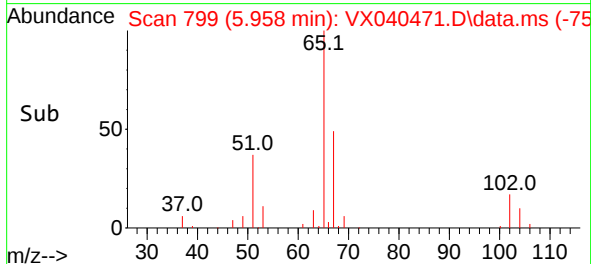
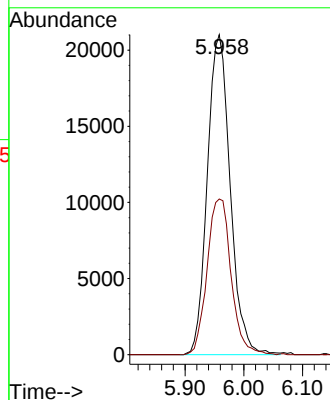
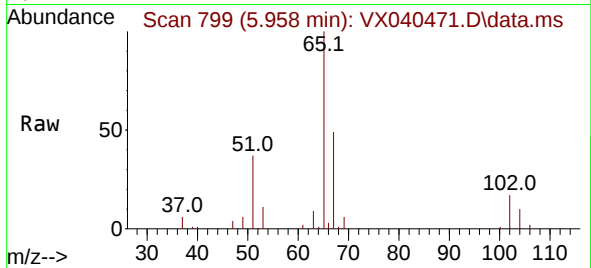




#33
 1,2-Dichloroethane-d4
 Concen: 50.223 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040471.D
 Acq: 26 Feb 2024 19:21

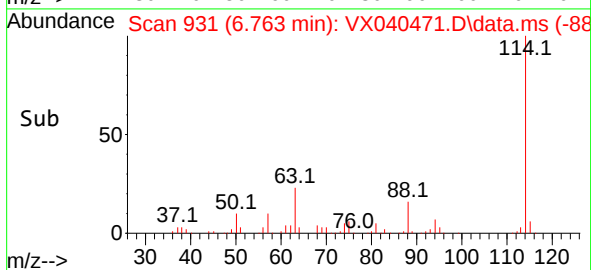
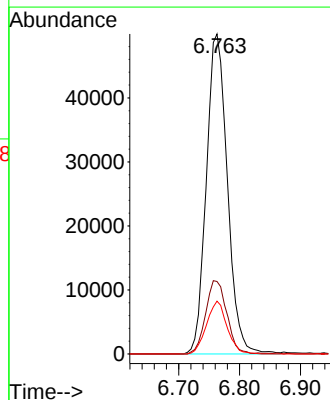
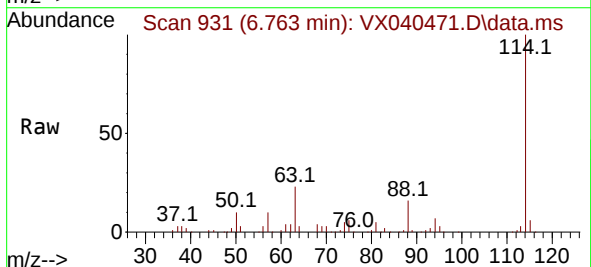
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20240221

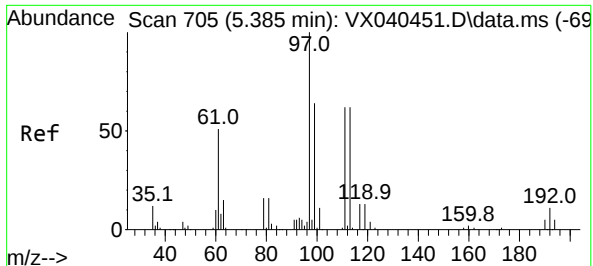
Tgt Ion: 65 Resp: 56860
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040471.D
 Acq: 26 Feb 2024 19:21

Tgt Ion: 114 Resp: 120089
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.994 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040471.D

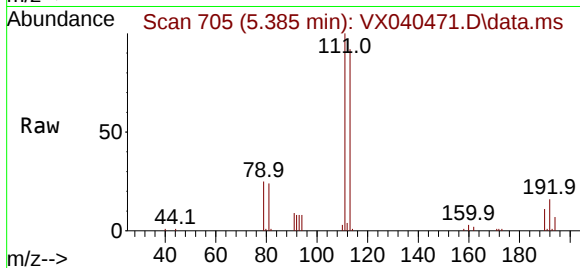
Acq: 26 Feb 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20240221



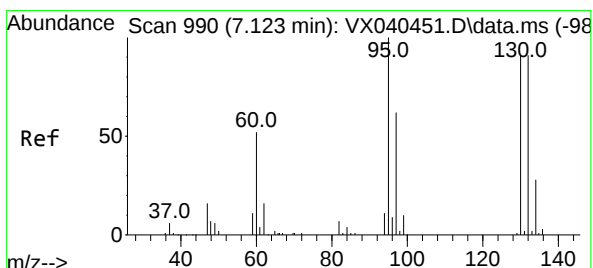
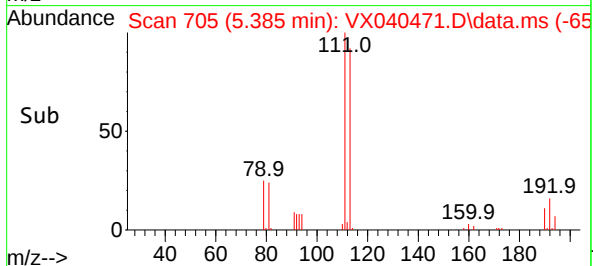
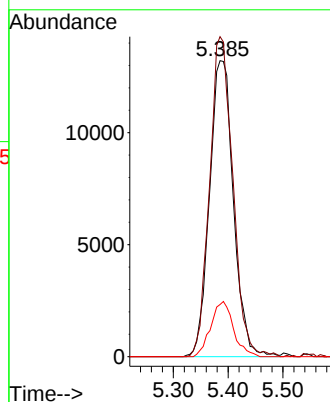
Tgt Ion:113 Resp: 40079

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

192 17.7 13.3 19.9



#44

Trichloroethene

Concen: 1.810 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040471.D

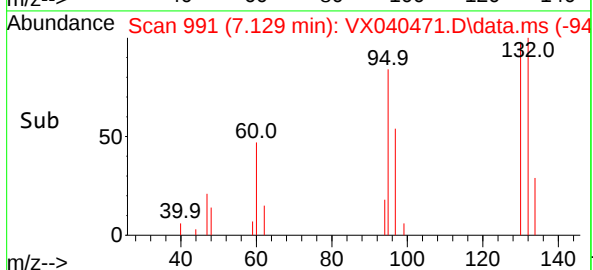
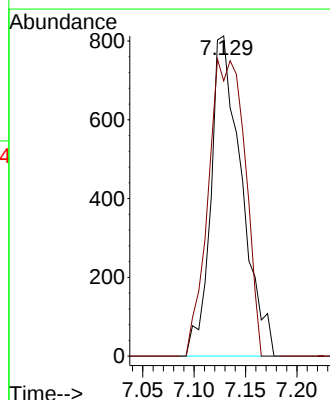
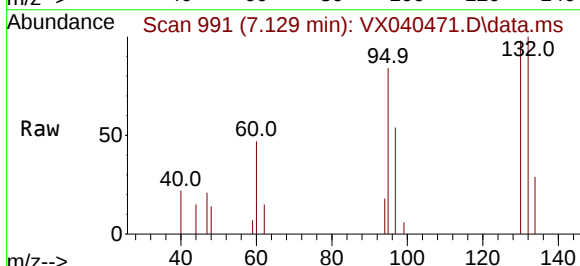
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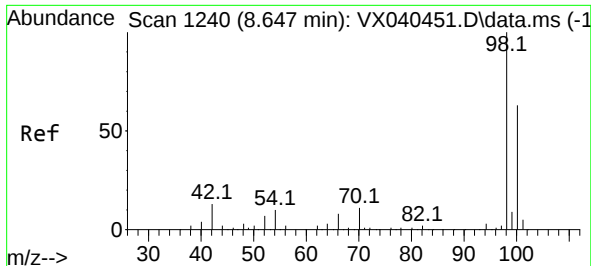
Tgt Ion:130 Resp: 1696

Ion Ratio Lower Upper

130 100

95 86.0 0.0 204.4

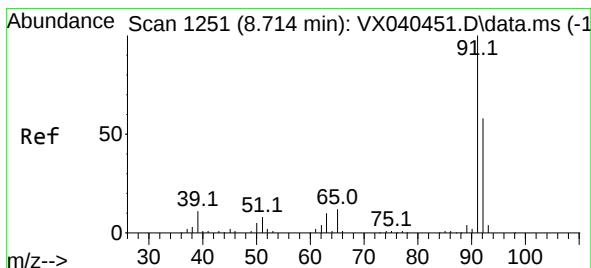
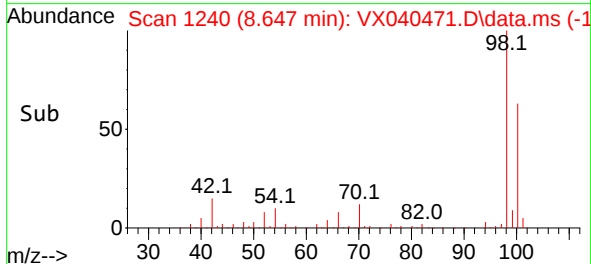
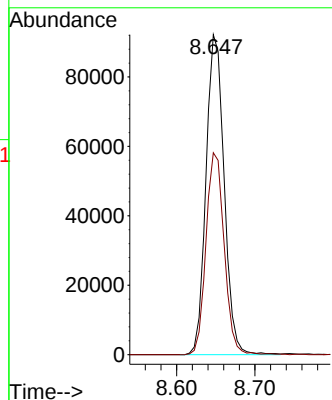
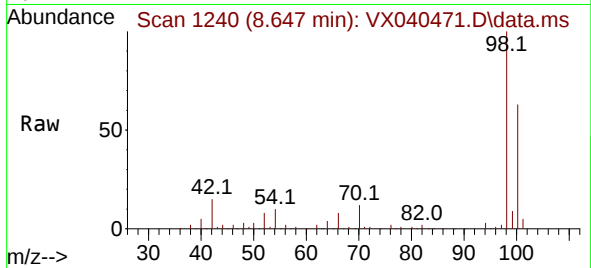




#50
Toluene-d8
Concen: 48.847 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

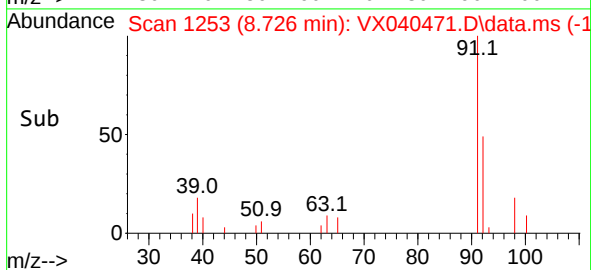
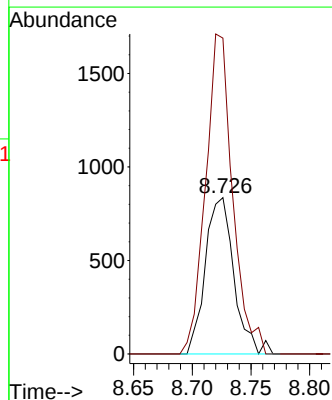
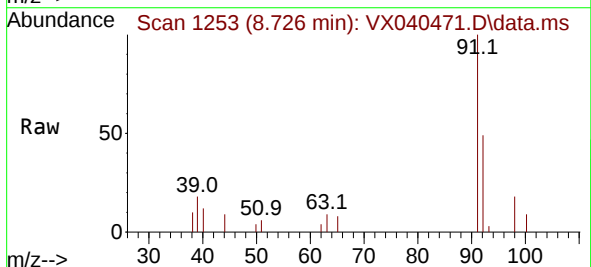
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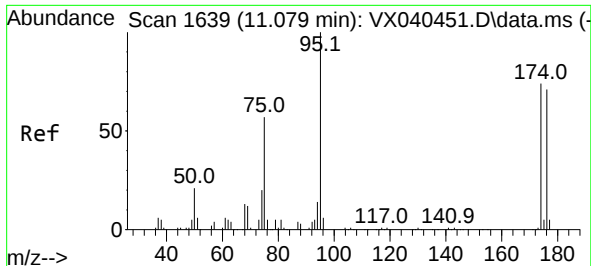
Tgt Ion: 98 Resp: 148069
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#52
Toluene
Concen: 0.664 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX040471.D
Acq: 26 Feb 2024 19:21

Tgt Ion: 92 Resp: 1420
Ion Ratio Lower Upper
92 100
91 193.1 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 50.955 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040471.D

Acq: 26 Feb 2024 19:21

Instrument :

MSVOA_X

ClientSampleId :

RE122D3-20240221

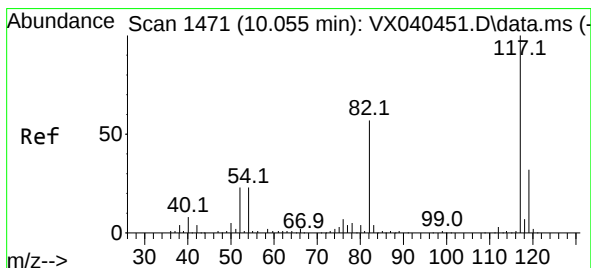
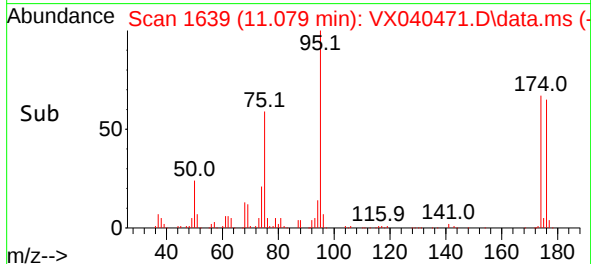
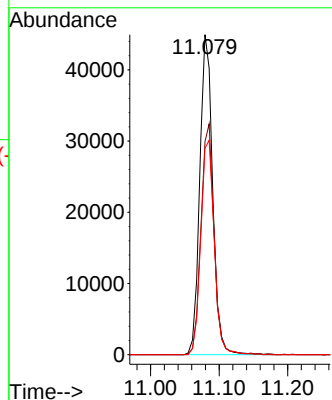
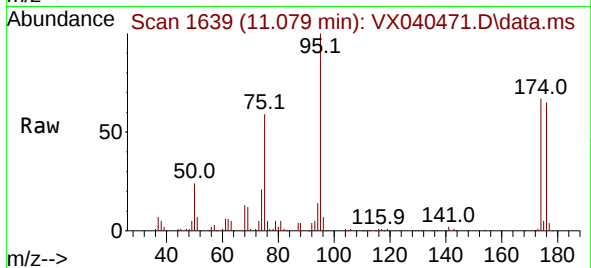
Tgt Ion: 95 Resp: 58878

Ion Ratio Lower Upper

95 100

174 72.9 0.0 135.6

176 69.7 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: VX040471.D

Acq: 26 Feb 2024 19:21

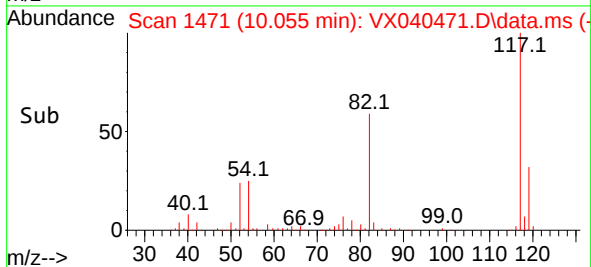
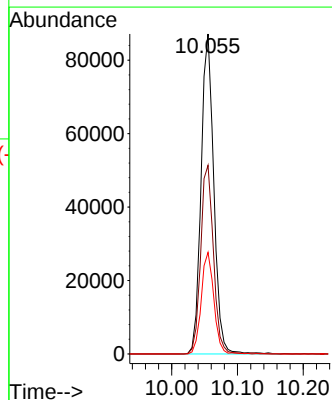
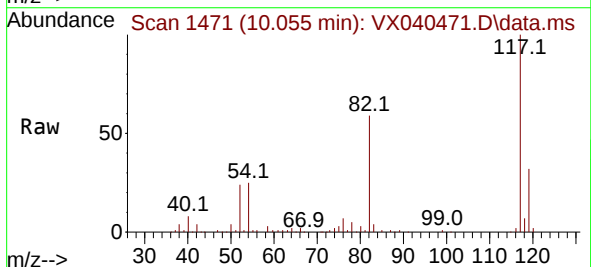
Tgt Ion: 117 Resp: 117211

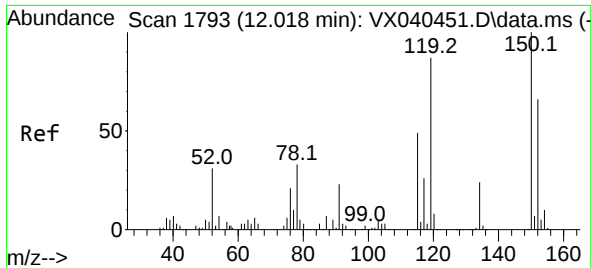
Ion Ratio Lower Upper

117 100

82 59.0 46.2 69.4

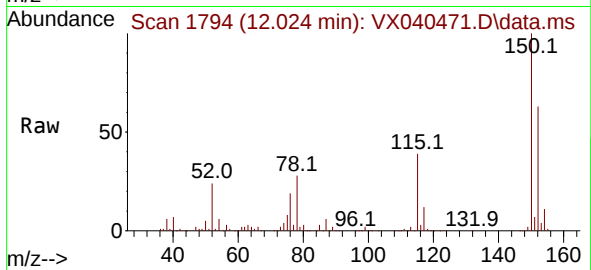
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040471.D
 Acq: 26 Feb 2024 19:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20240221



Tgt Ion:152	Resp:	56644
Ion	Ratio	Lower Upper
152	100	
115	63.3	43.3 129.9
150	158.8	0.0 345.0

