

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092424\
 Data File : VX043128.D
 Acq On : 24 Sep 2024 17:21
 Operator : JC/MD
 Sample : P4164-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW8-MW03D-20240919

Quant Time: Sep 25 01:33:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

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

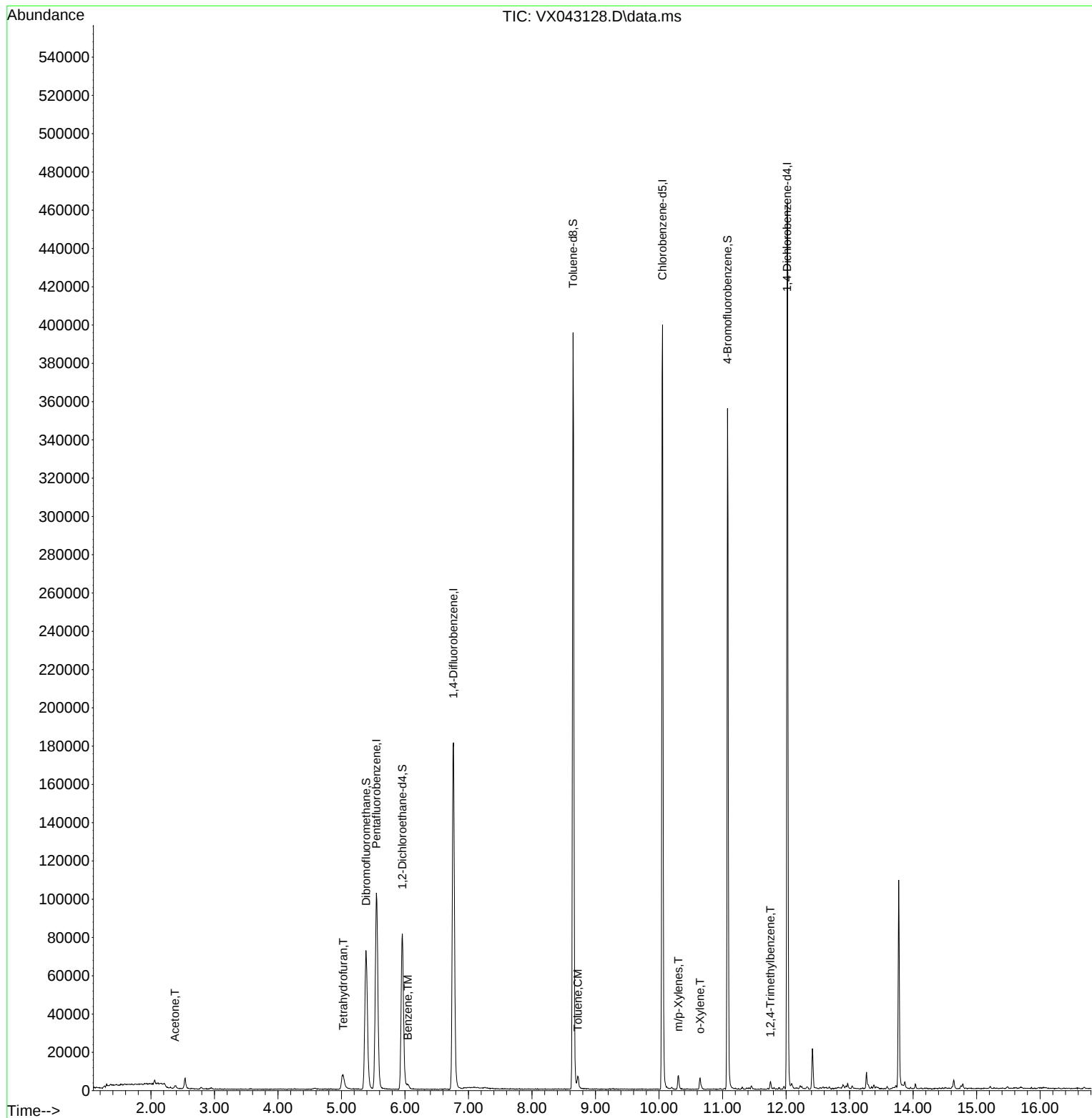
Internal Standards						
1) Pentafluorobenzene	5.550	168	92176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	185644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82269	53.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.460%			
35) Dibromofluoromethane	5.385	113	63492	48.482	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.960%			
50) Toluene-d8	8.647	98	226120	51.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	93343	52.314	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.620%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1967	2.747	ug/l	93
29) Tetrahydrofuran	5.025	42	7694	13.861	ug/l	97
40) Benzene	6.044	78	2586	0.545	ug/l	99
52) Toluene	8.720	92	2358	0.771	ug/l	92
68) m/p-Xylenes	10.305	106	1939	0.788	ug/l	96
69) o-Xylene	10.646	106	1459	0.591	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	2291	0.408	ug/l	97

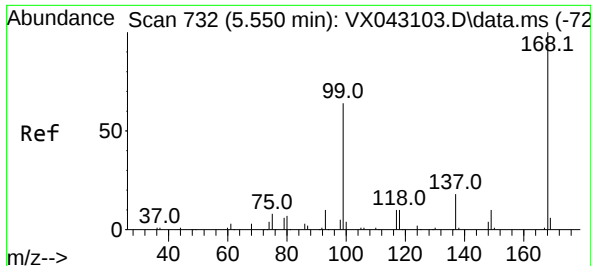
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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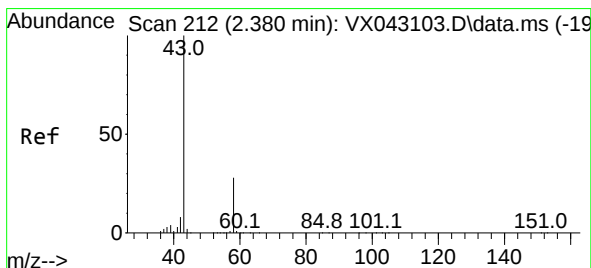
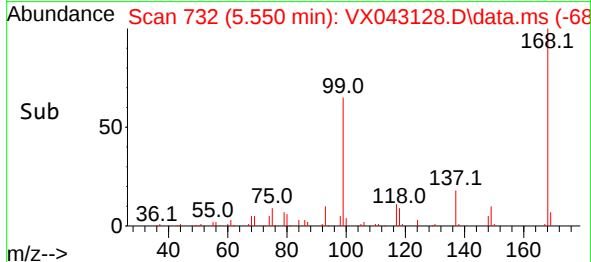
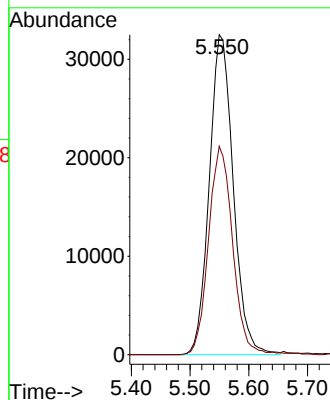
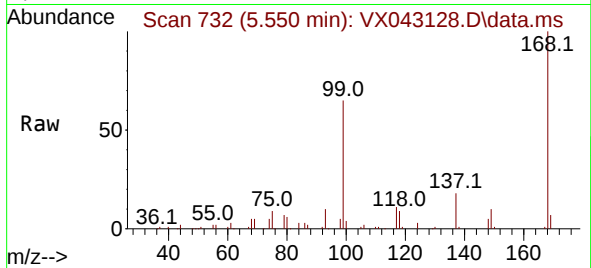




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

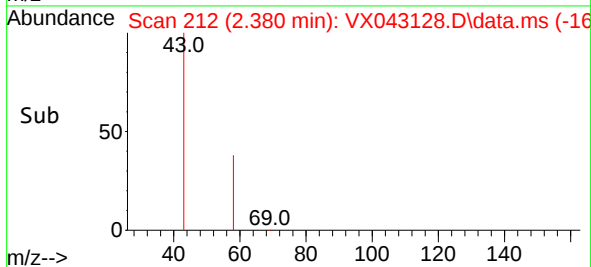
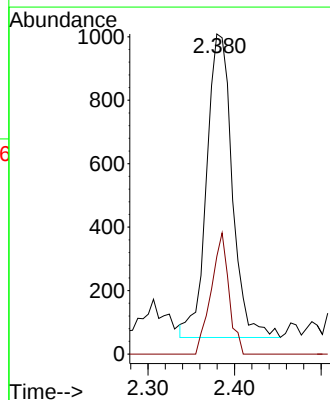
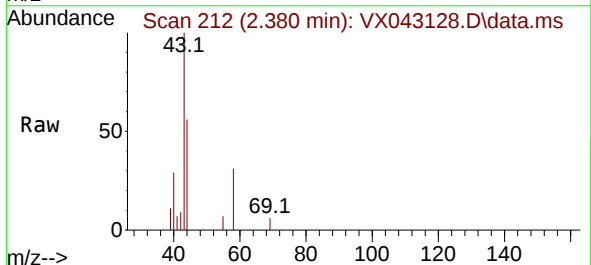
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW03D-20240919

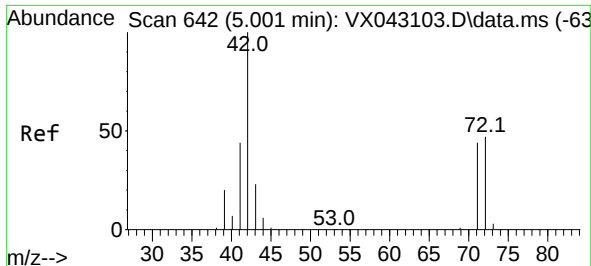
Tgt Ion:168 Resp: 92176
Ion Ratio Lower Upper
168 100
99 65.1 50.8 76.2



#16
Acetone
Concen: 2.747 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 43 Resp: 1967
Ion Ratio Lower Upper
43 100
58 32.2 22.6 34.0





#29

Tetrahydrofuran

Concen: 13.861 ug/l

RT: 5.025 min Scan# 642

Delta R.T. 0.024 min

Lab File: VX043128.D

Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW03D-20240919

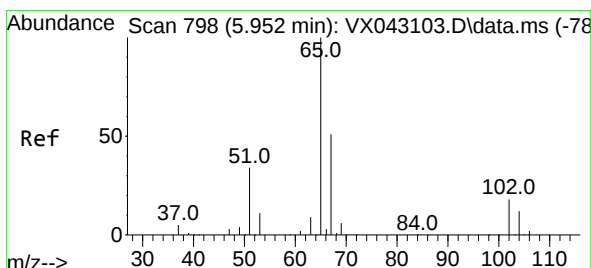
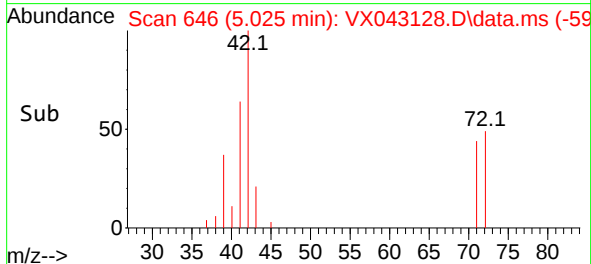
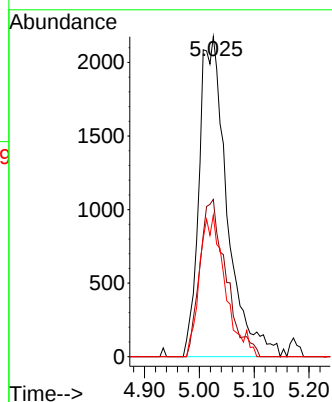
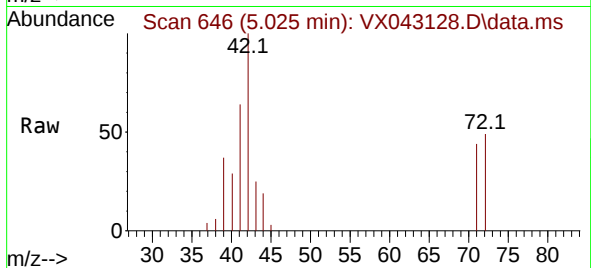
Tgt Ion: 42 Resp: 7694

Ion Ratio Lower Upper

42 100

72 46.2 37.6 56.4

71 40.6 34.8 52.2



#33

1,2-Dichloroethane-d4

Concen: 53.732 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX043128.D

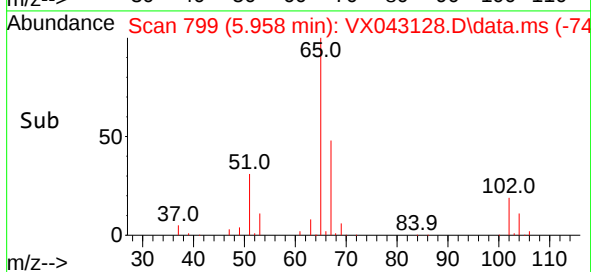
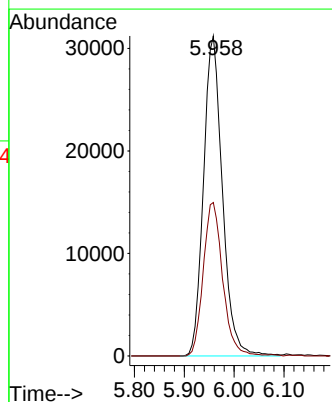
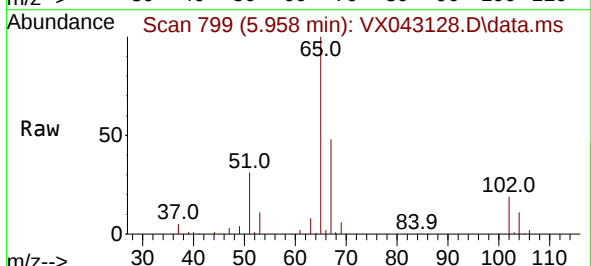
Acq: 24 Sep 2024 17:21

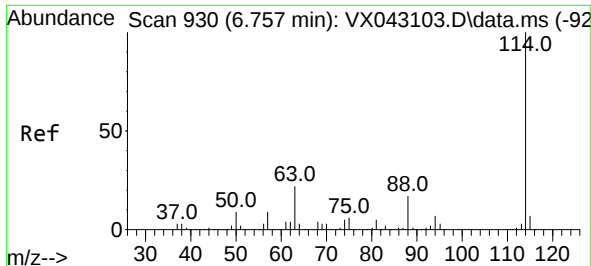
Tgt Ion: 65 Resp: 82269

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0

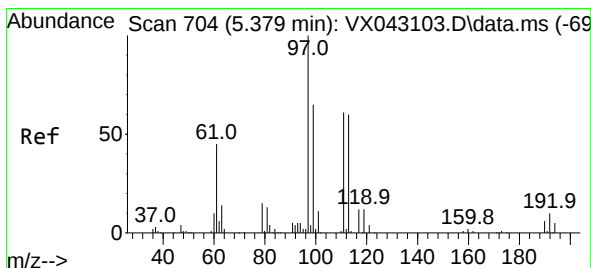
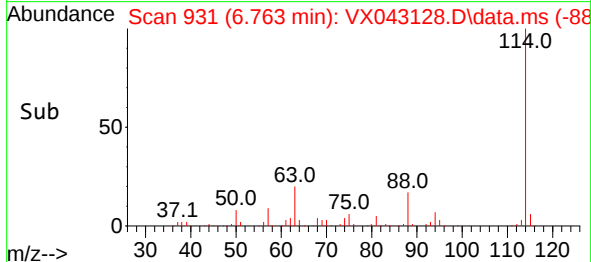
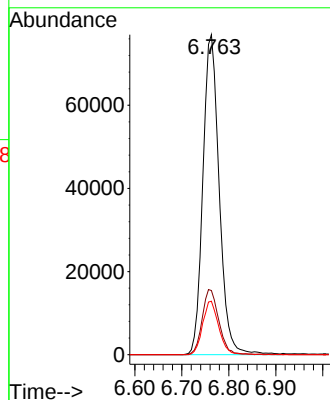
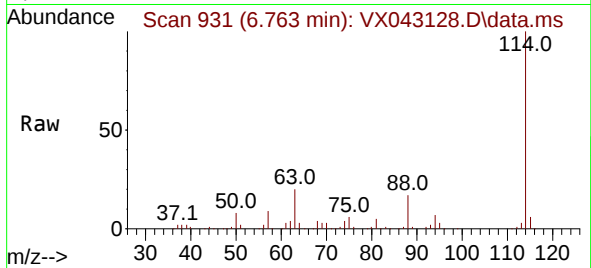




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

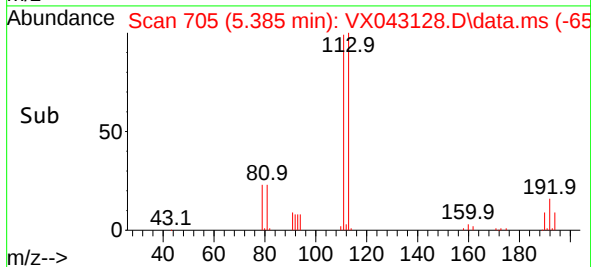
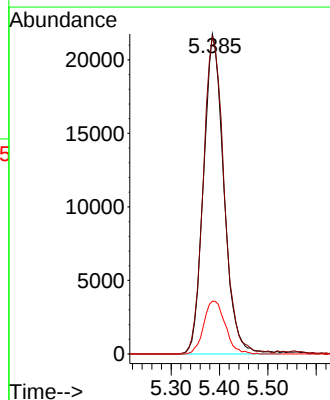
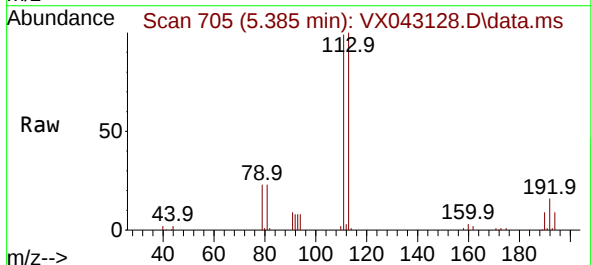
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW03D-20240919

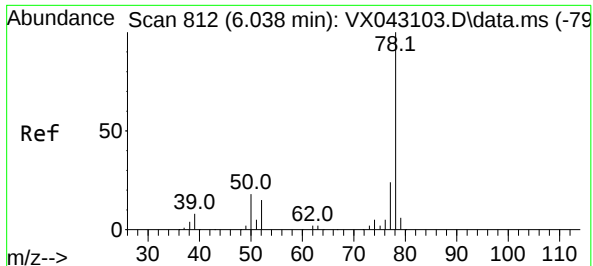
Tgt Ion:114 Resp: 185644
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 16.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.482 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion:113 Resp: 63492
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 17.5 14.6 22.0

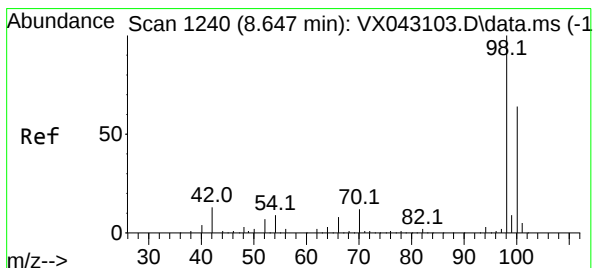
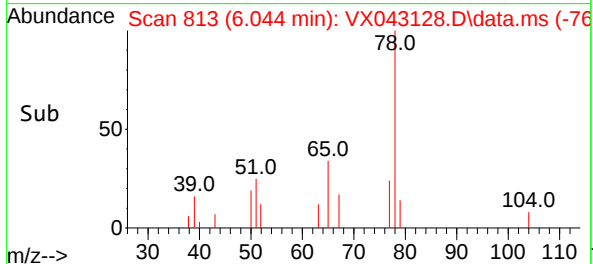
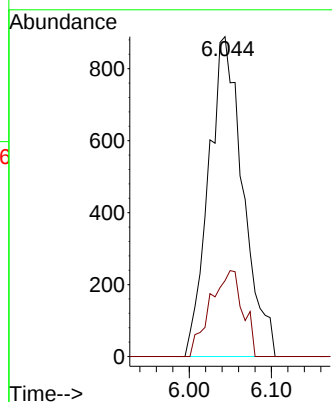
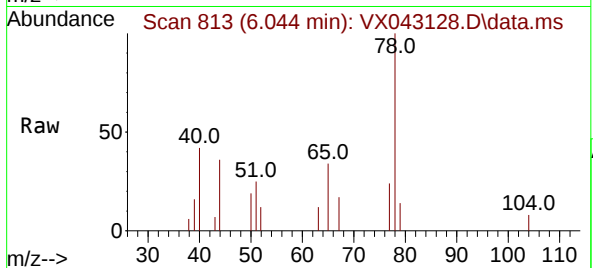




#40
Benzene
Concen: 0.545 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

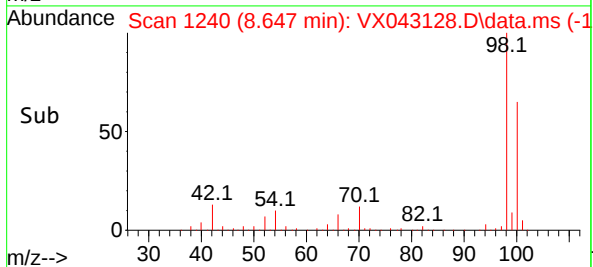
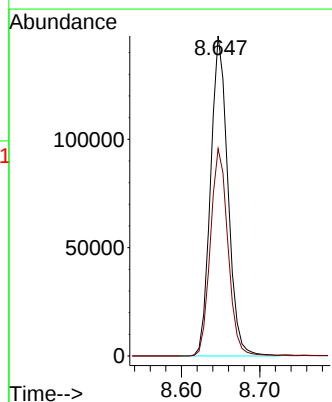
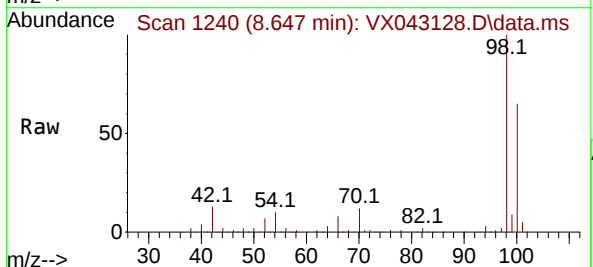
Instrument :
MSVOA_X
ClientSampleId :
RW8-MW03D-20240919

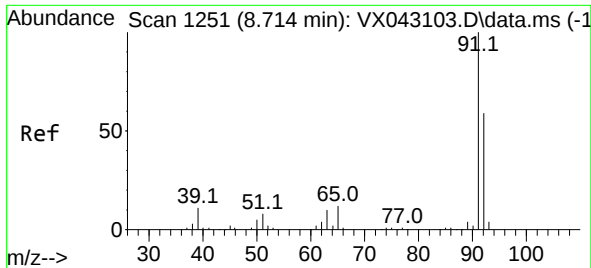
Tgt Ion: 78 Resp: 2586
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#50
Toluene-d8
Concen: 51.035 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 98 Resp: 226120
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.4

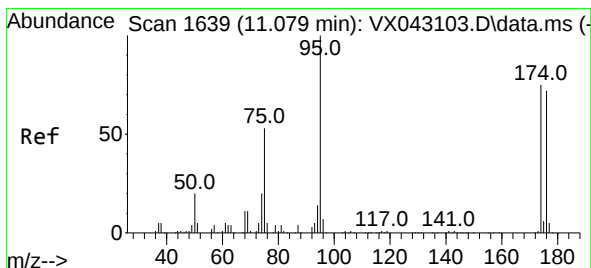
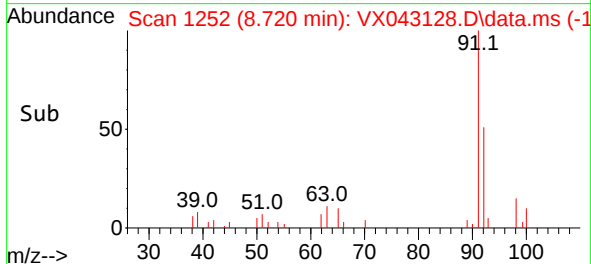
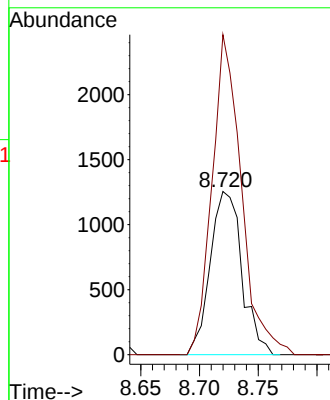
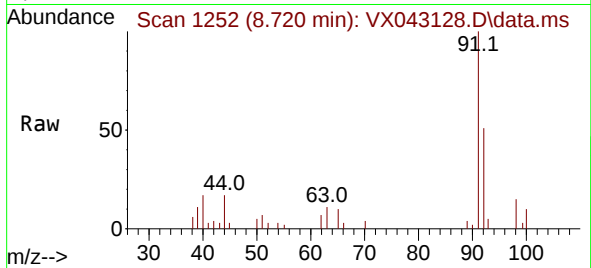




#52
Toluene
Concen: 0.771 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

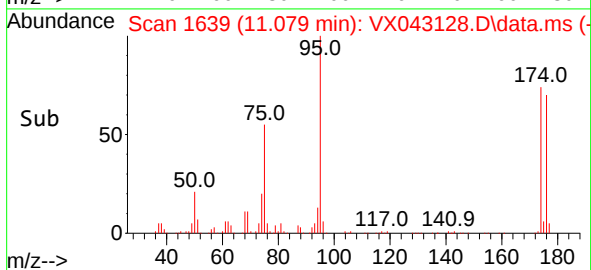
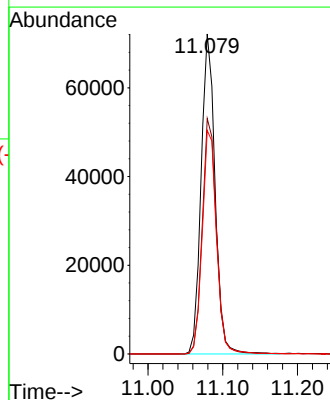
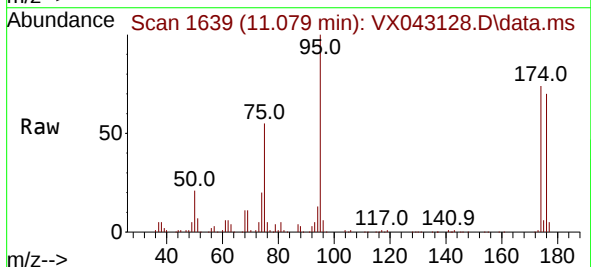
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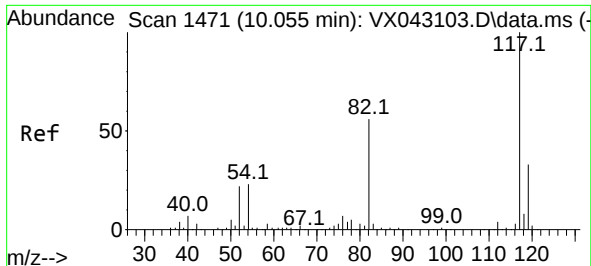
Tgt Ion: 92 Resp: 2358
Ion Ratio Lower Upper
92 100
91 181.3 135.9 203.9



#62
4-Bromofluorobenzene
Concen: 52.314 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion: 95 Resp: 93343
Ion Ratio Lower Upper
95 100
174 74.9 0.0 146.0
176 71.7 0.0 142.6

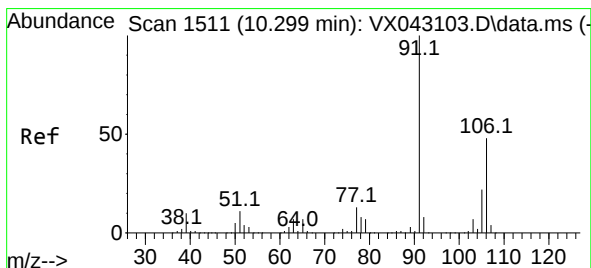
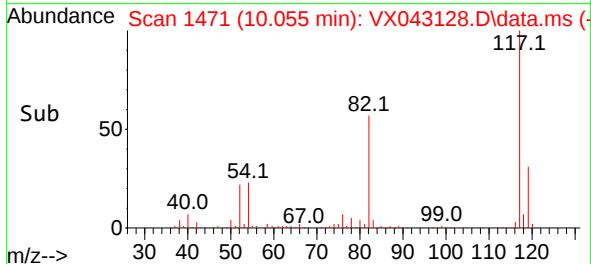
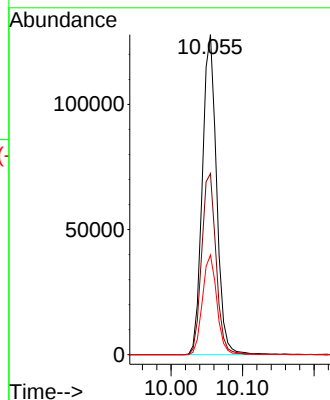
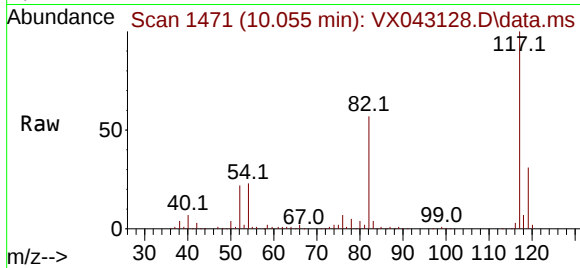




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

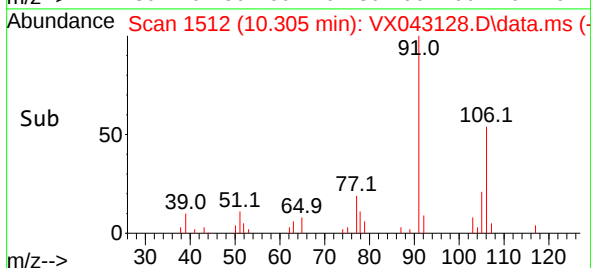
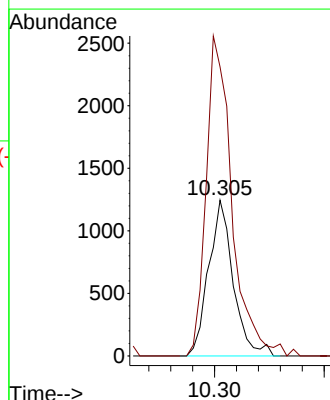
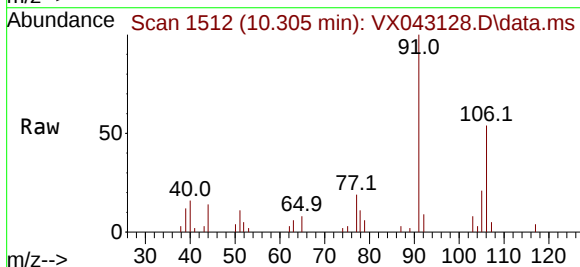
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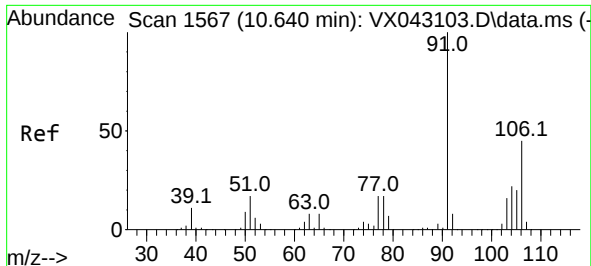
Tgt Ion:117 Resp: 177206
Ion Ratio Lower Upper
117 100
82 56.6 44.7 67.1
119 31.2 26.3 39.5



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion:106 Resp: 1939
Ion Ratio Lower Upper
106 100
91 215.4 167.5 251.3

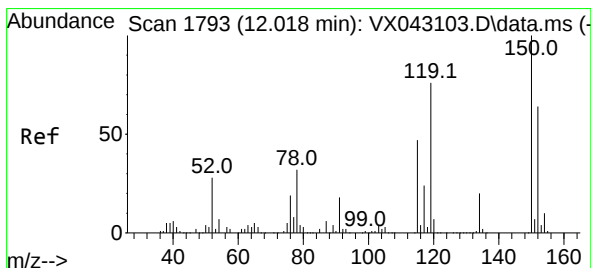
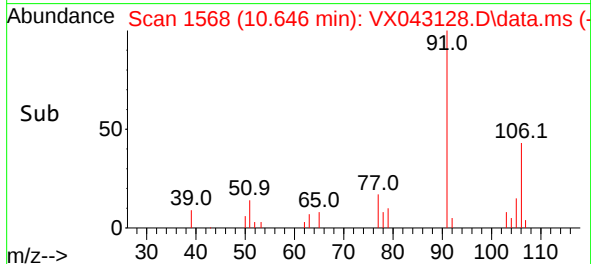
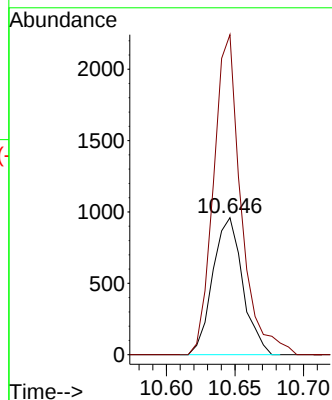
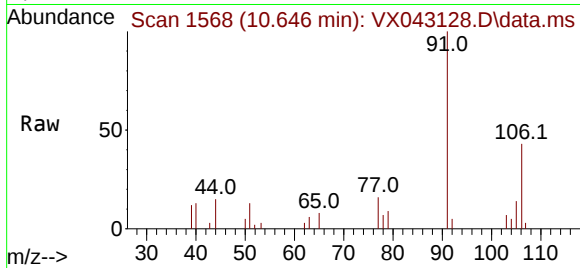




#69
o-Xylene
Concen: 0.591 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

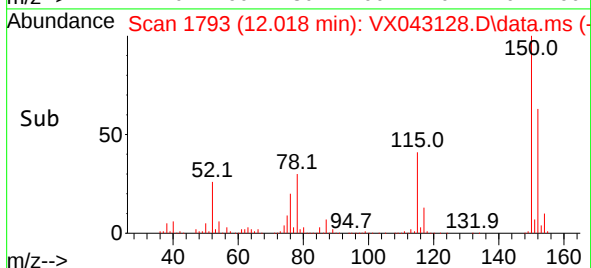
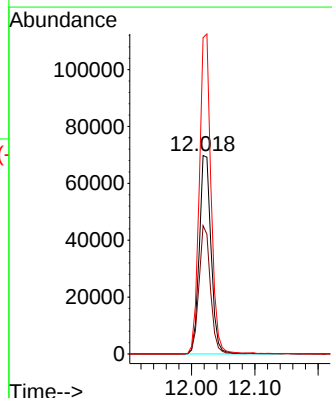
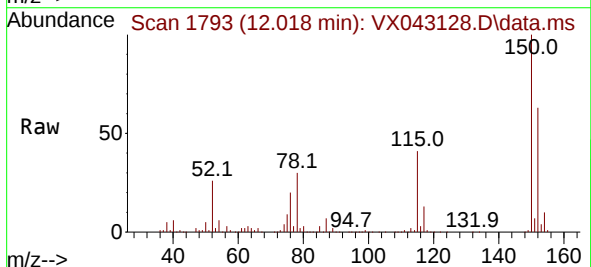
Instrument :
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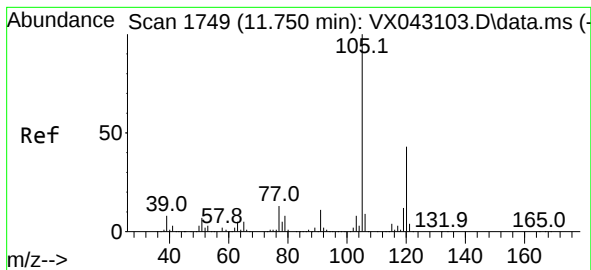
Tgt Ion:106 Resp: 1459
Ion Ratio Lower Upper
106 100
91 214.4 112.5 337.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX043128.D
Acq: 24 Sep 2024 17:21

Tgt Ion:152 Resp: 90905
Ion Ratio Lower Upper
152 100
115 62.7 43.7 131.1
150 159.3 0.0 344.6





#84

1,2,4-Trimethylbenzene

Concen: 0.408 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX043128.D

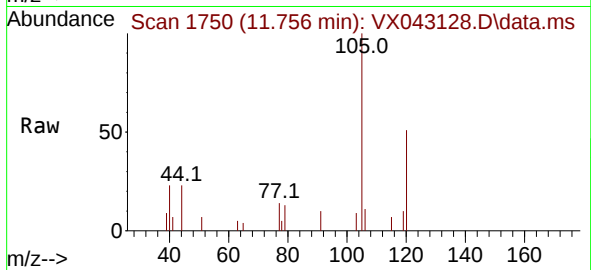
Acq: 24 Sep 2024 17:21

Instrument :

MSVOA_X

ClientSampleId :

RW8-MW03D-20240919



Tgt Ion:105 Resp: 2291

Ion Ratio Lower Upper

105 100

120 41.4 21.8 65.4

