

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024556.D
 Acq On : 05 Oct 2021 06:26
 Operator : JC/MD
 Sample : M3989-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Oct 05 08:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

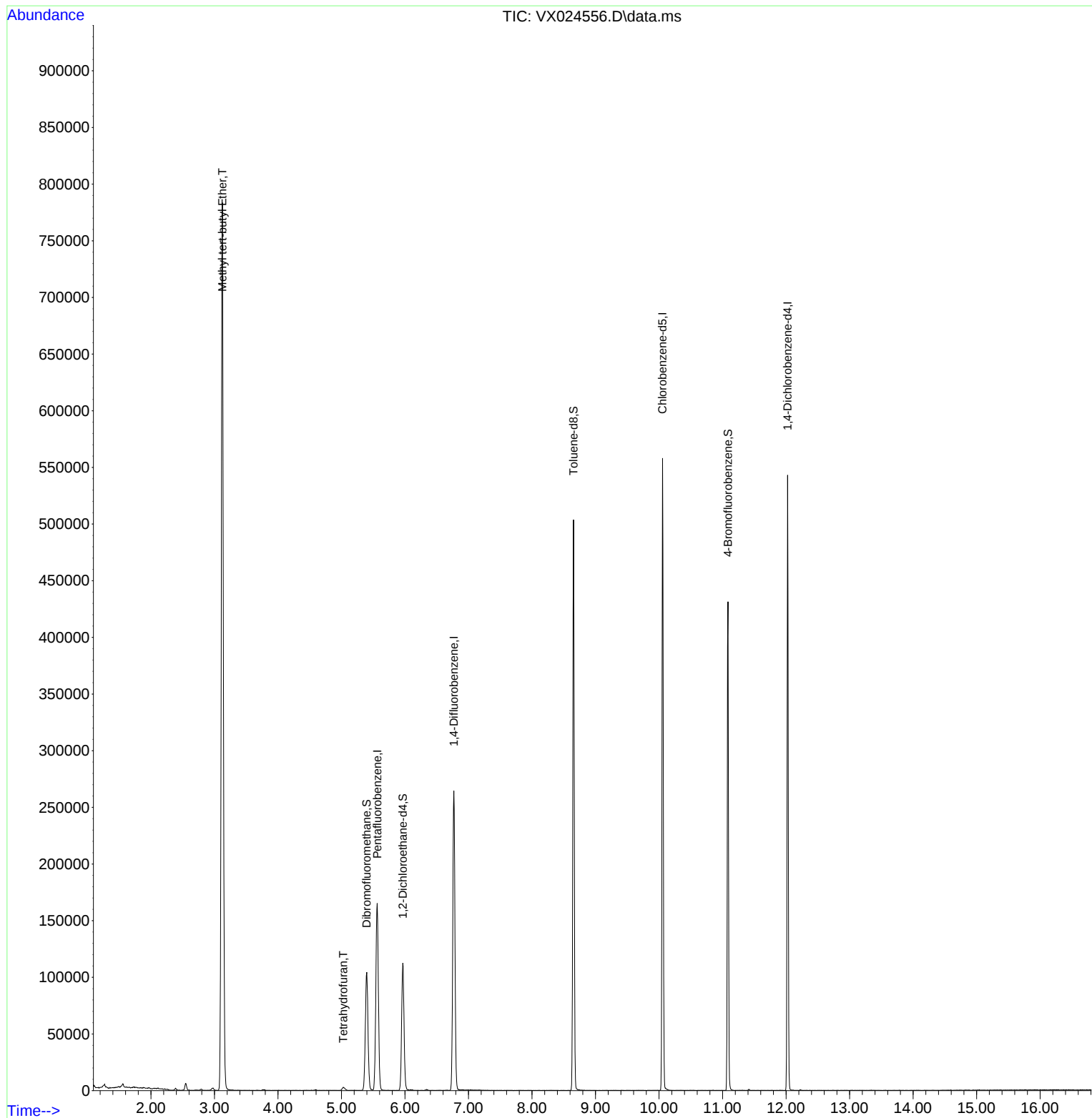
Internal Standards						
1) Pentafluorobenzene	5.562	168	155550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	270876	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	112555	51.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.68%	
35) Dibromofluoromethane	5.397	113	90353	50.21	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.42%	
50) Toluene-d8	8.653	98	286099	43.20	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 86.40%#	
62) 4-Bromofluorobenzene	11.085	95	114891	44.12	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.24%	
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	858446	159.75	ug/l	Qvalue 100
29) Tetrahydrofuran	5.025	42	2592	2.69	ug/l #	87

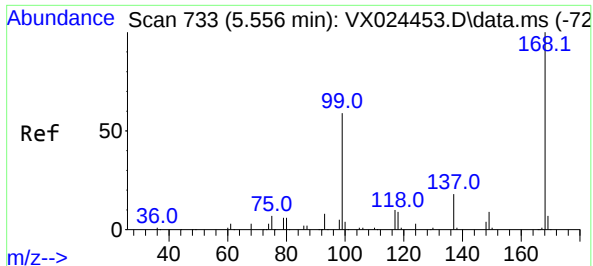
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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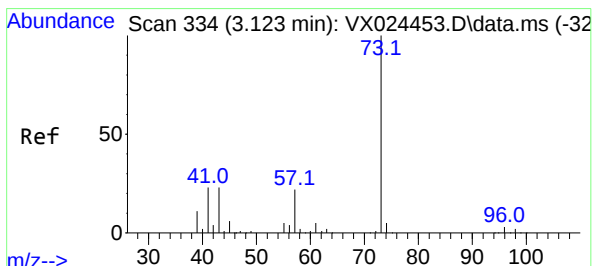
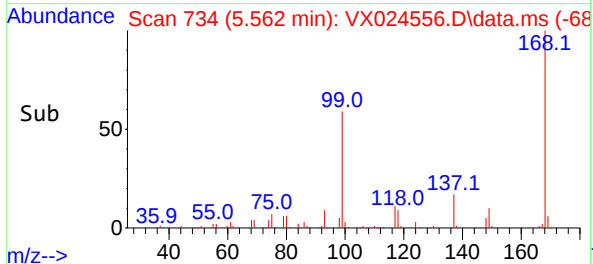
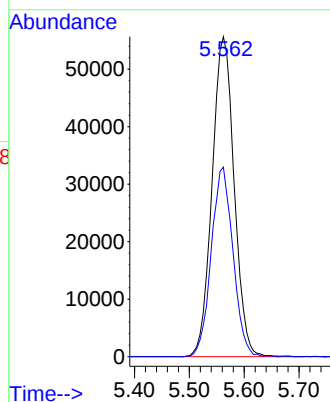
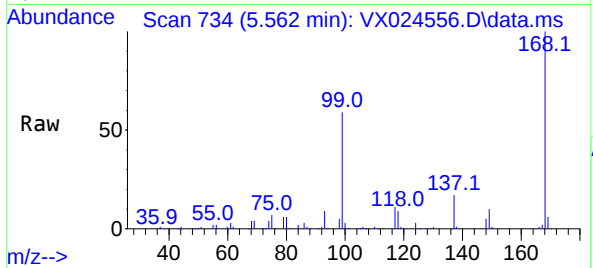




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

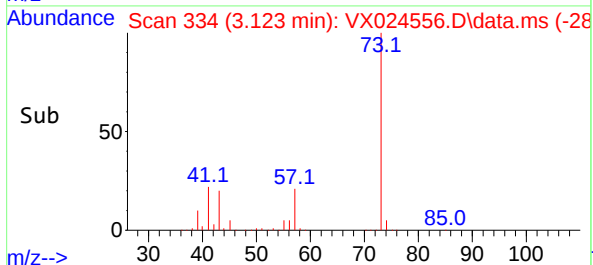
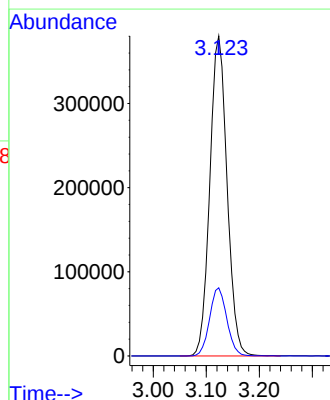
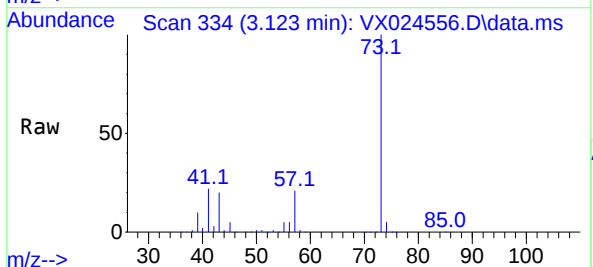
Instrument :
MSVOA_X
ClientSampleId :
MW-4

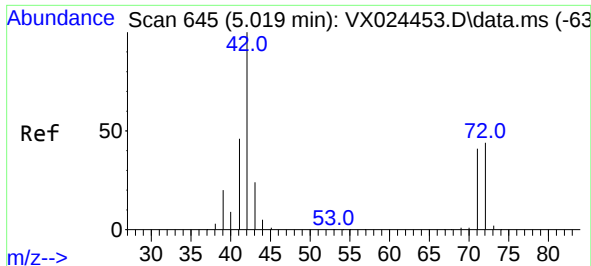
Tgt Ion:168 Resp: 155550
Ion Ratio Lower Upper
168 100
99 59.3 45.8 68.6



#19
Methyl tert-butyl Ether
Concen: 159.75 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

Tgt Ion: 73 Resp: 858446
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7





#29

Tetrahydrofuran

Concen: 2.69 ug/l

RT: 5.025 min Scan# 646

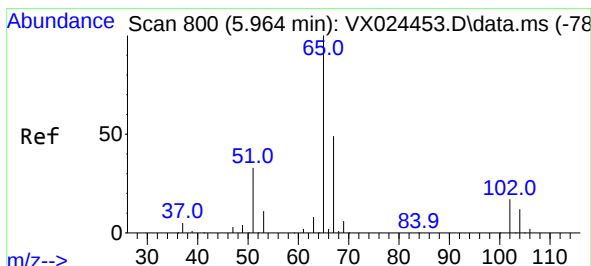
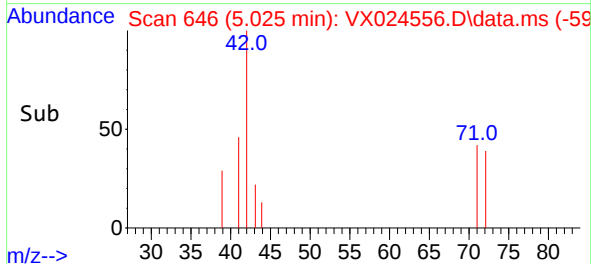
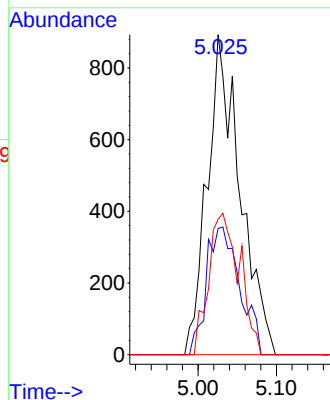
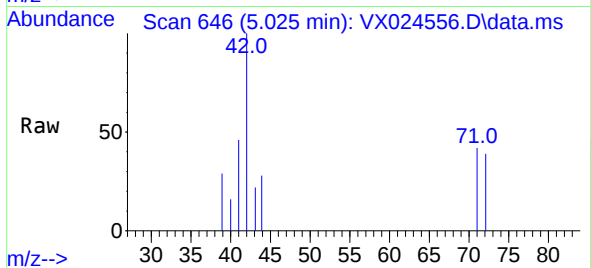
Delta R.T. 0.006 min

Lab File: VX024556.D

Acq: 05 Oct 2021 06:26

Tgt Ion:	42	Resp:	2592
Ion	Ratio	Lower	Upper
42	100		
72	40.5	41.7	62.5#
71	41.8	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :
MW-4



#33

1,2-Dichloroethane-d4

Concen: 51.34 ug/l

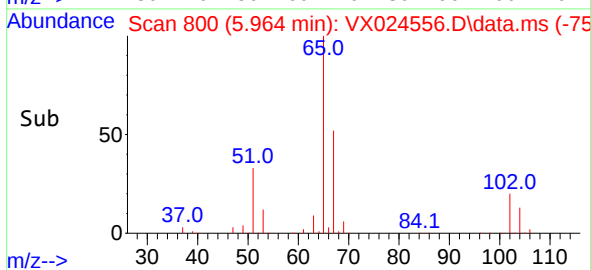
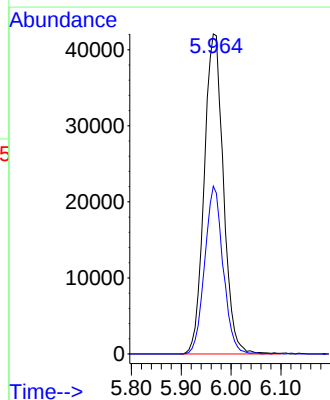
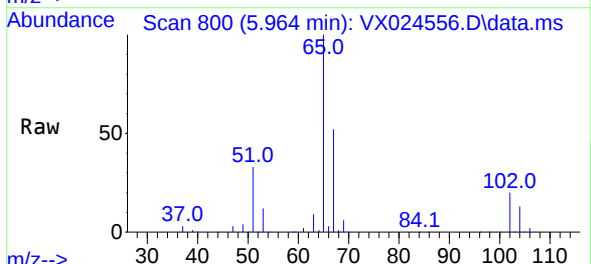
RT: 5.964 min Scan# 800

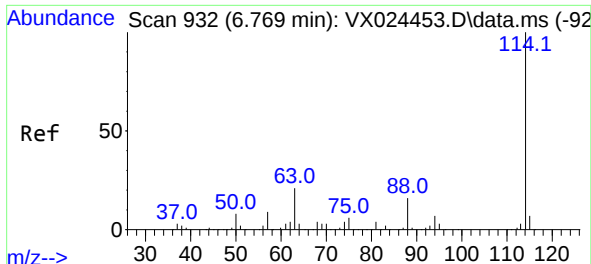
Delta R.T. 0.000 min

Lab File: VX024556.D

Acq: 05 Oct 2021 06:26

Tgt Ion:	65	Resp:	112555
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	105.4

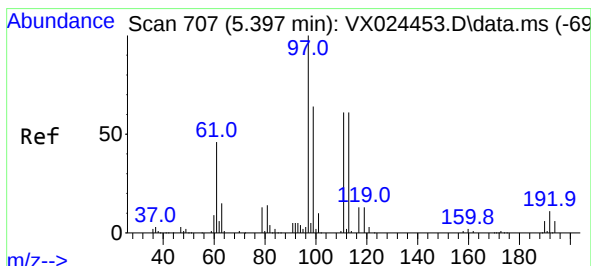
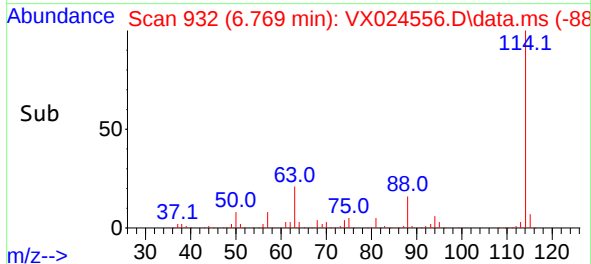
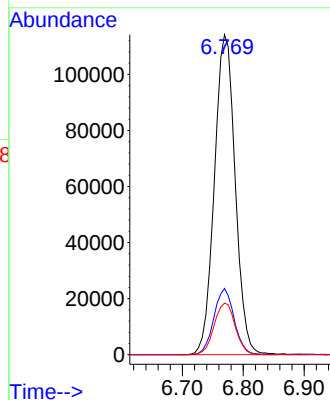
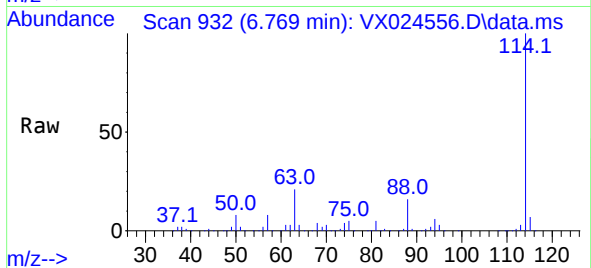




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

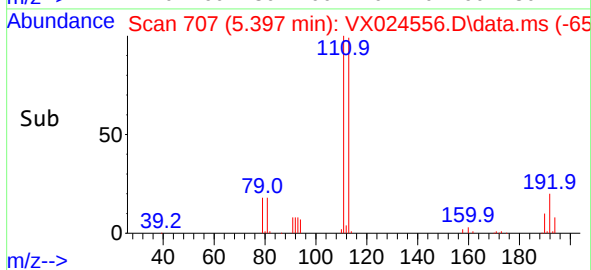
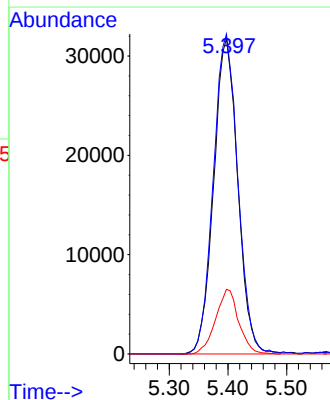
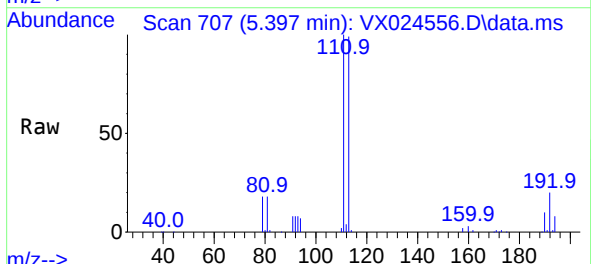
Instrument :
MSVOA_X
ClientSampled :
MW-4

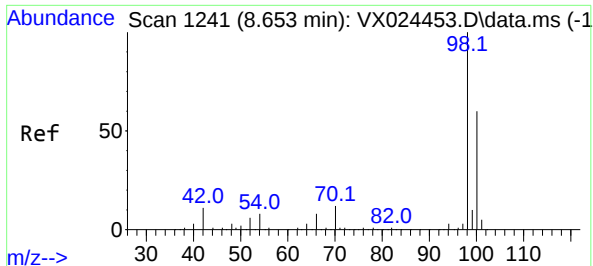
Tgt Ion:114 Resp: 270876
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.21 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

Tgt Ion:113 Resp: 90353
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.6 16.7 25.1

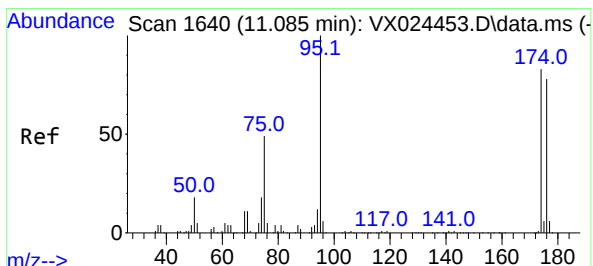
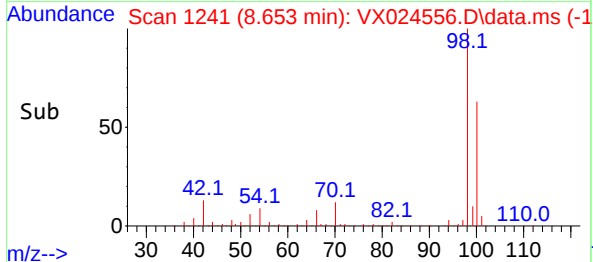
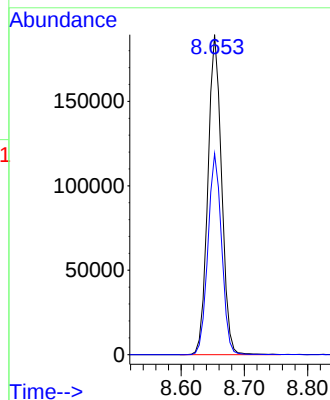
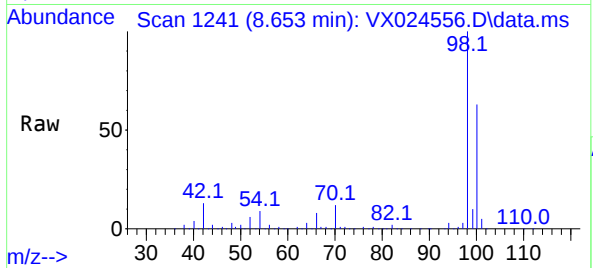




#50
Toluene-d8
Concen: 43.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

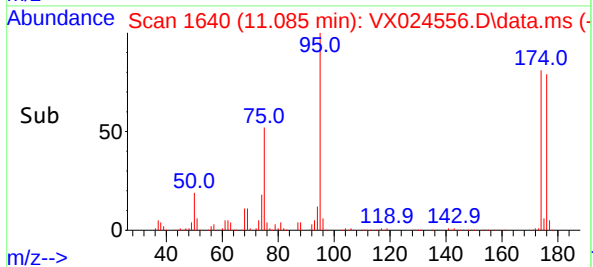
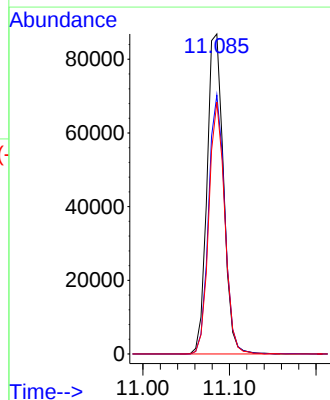
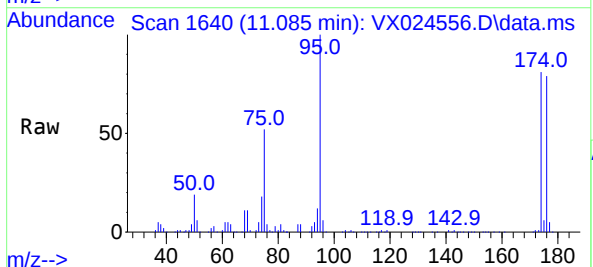
Instrument :
MSVOA_X
ClientSampled :
MW-4

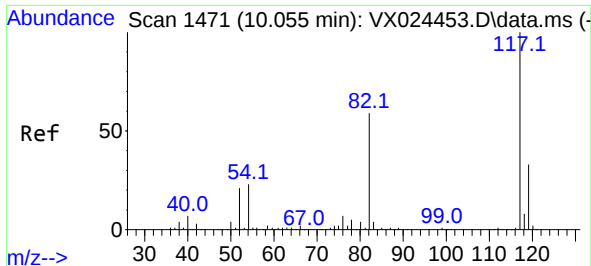
Tgt Ion: 98 Resp: 286099
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.12 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

Tgt Ion: 95 Resp: 114891
Ion Ratio Lower Upper
95 100
174 79.2 0.0 154.6
176 75.8 0.0 155.8

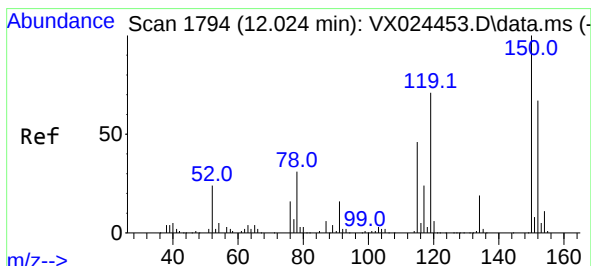
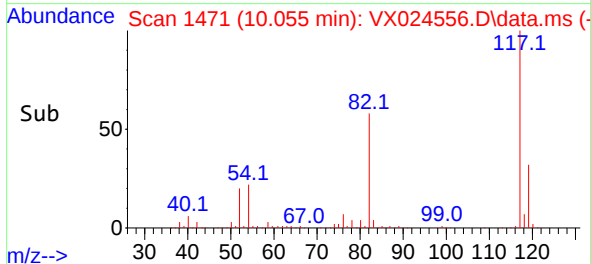
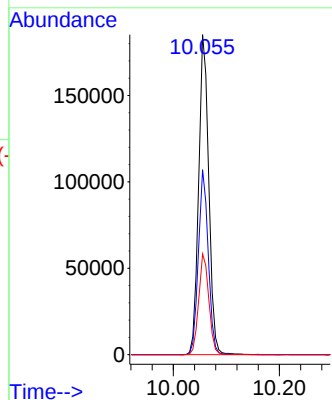
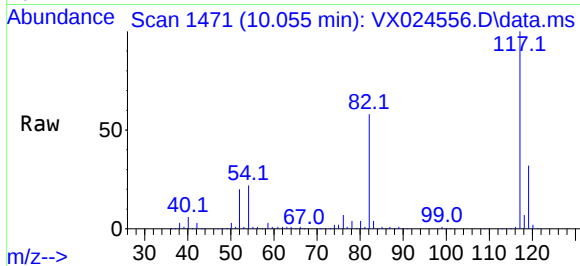




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tgt Ion:117 Resp: 245685
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024556.D
Acq: 05 Oct 2021 06:26

Tgt Ion:152 Resp: 107787
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 158.1 0.0 349.0

