

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032656.D
 Acq On : 08 Nov 2022 16:03
 Operator : JC/MD
 Sample : N5415-15
 Misc : 5.07g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 R-28

Quant Time: Nov 08 17:33:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

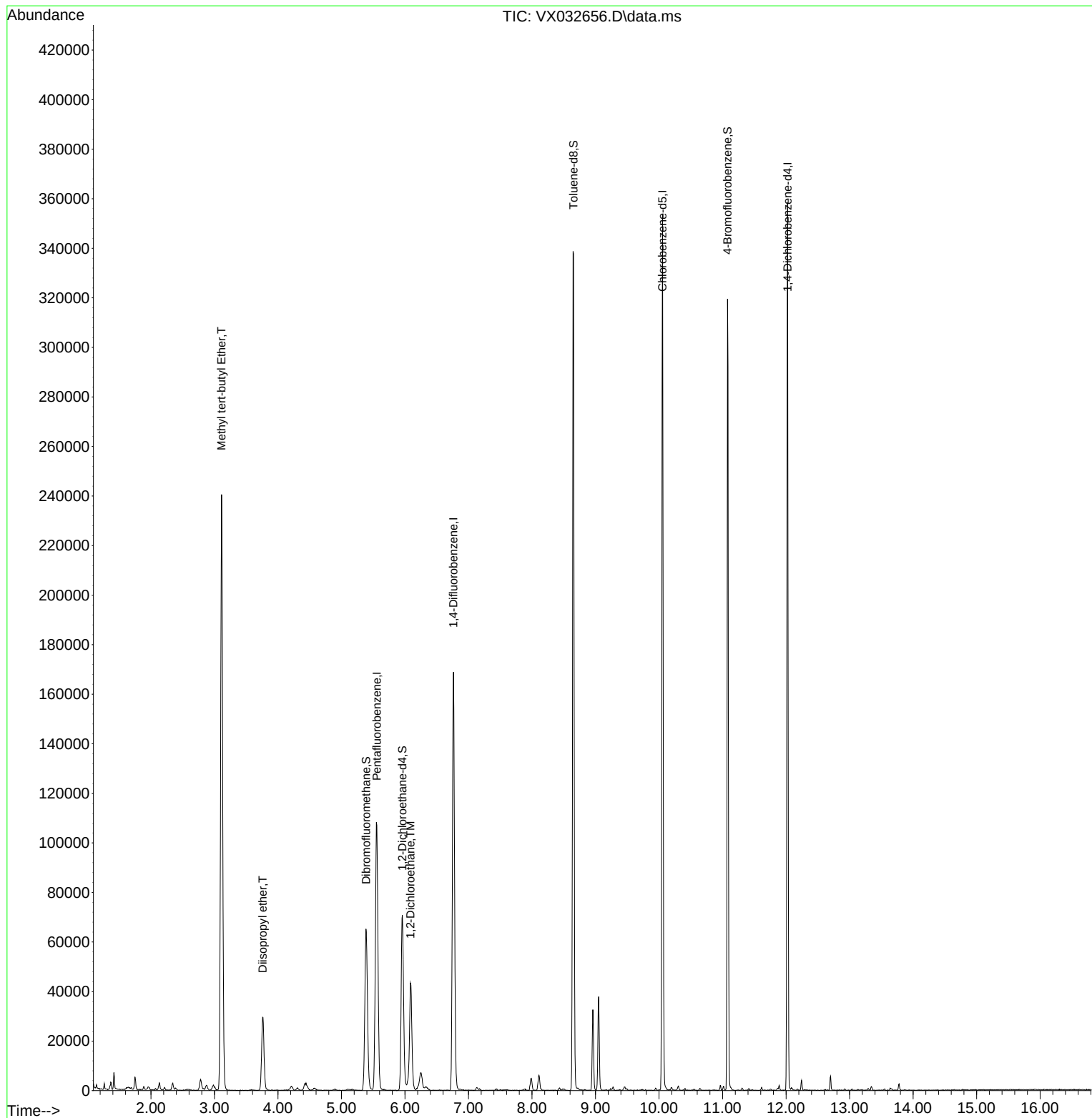
Internal Standards						
1) Pentafluorobenzene	5.556	168	101857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71193	50.303	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.600%
35) Dibromofluoromethane	5.385	113	55987	46.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.700%
50) Toluene-d8	8.653	98	203384	48.418	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.840%
62) 4-Bromofluorobenzene	11.079	95	78490	47.835	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.680%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	253928	70.728	ug/l	Qvalue 99
22) Diisopropyl ether	3.757	45	30619	8.693	ug/l	# 84
42) 1,2-Dichloroethane	6.086	62	49319	25.344	ug/l	100

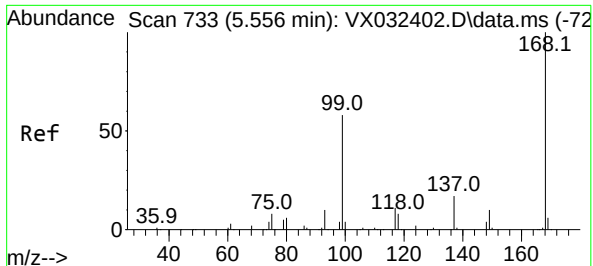
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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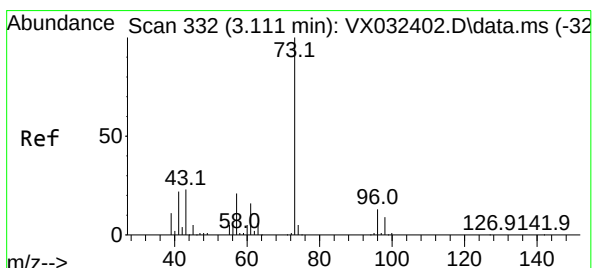
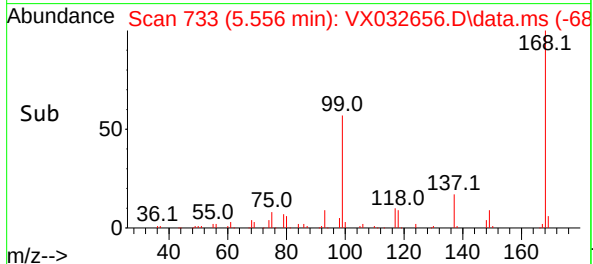
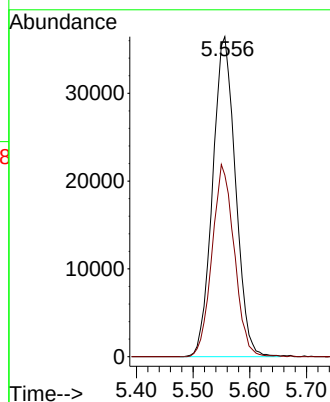
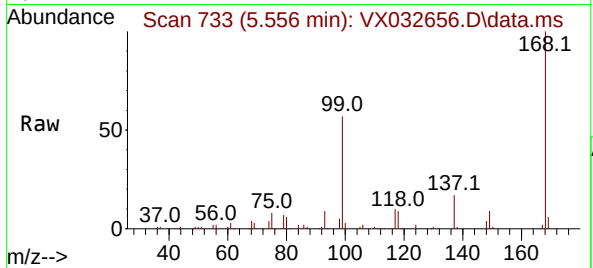




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

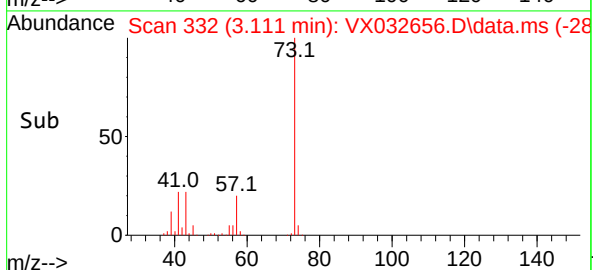
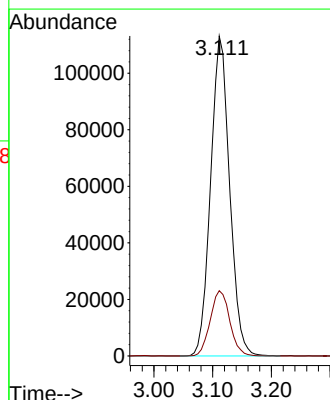
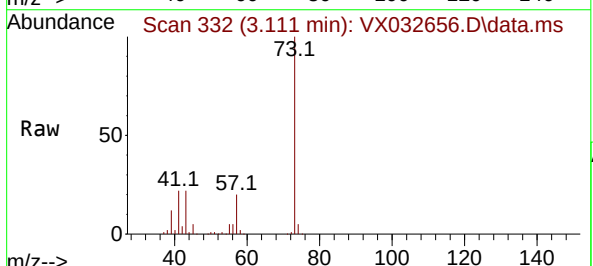
Instrument :
MSVOA_X
ClientSampleId :
R-28

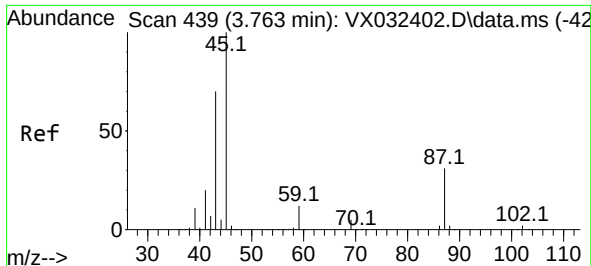
Tgt Ion:168 Resp: 101857
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 70.728 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion: 73 Resp: 253928
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

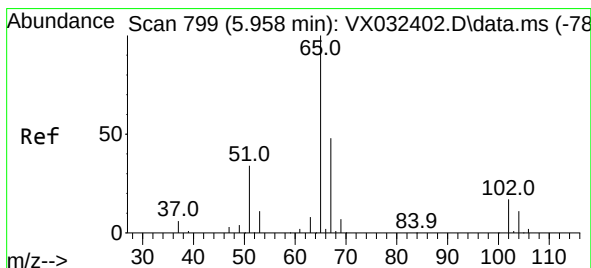
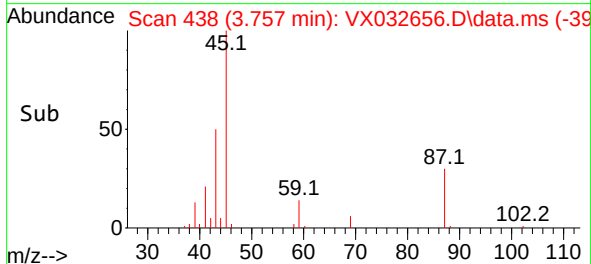
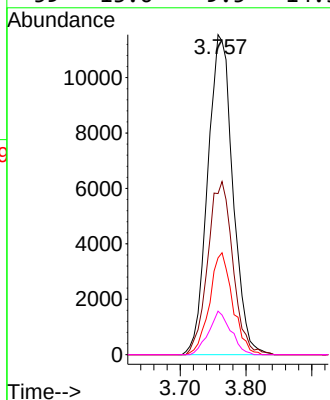
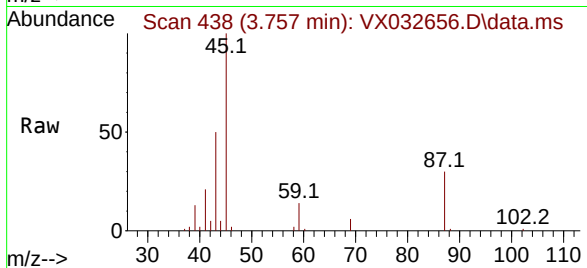




#22
Diisopropyl ether
Concen: 8.693 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

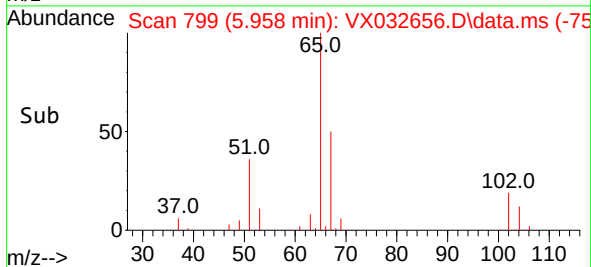
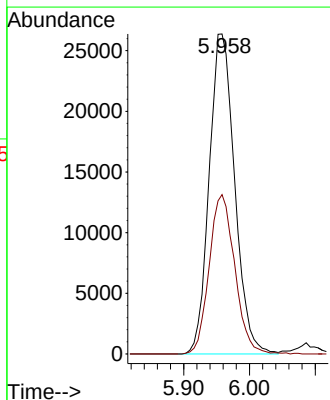
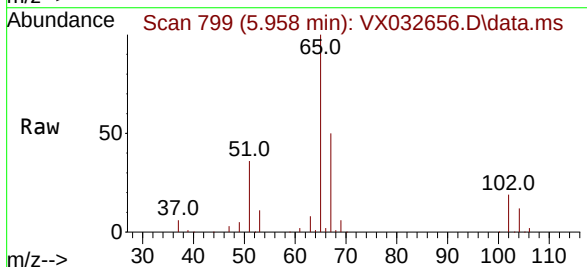
Instrument :
MSVOA_X
ClientSampleId :
R-28

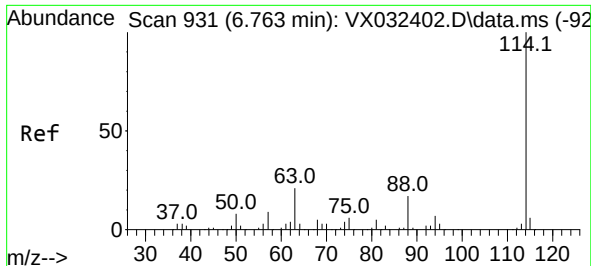
Tgt Ion:	45	Resp:	30619
Ion	Ratio	Lower	Upper
45	100		
43	50.3	56.4	84.6#
87	30.3	24.4	36.6
59	13.6	9.5	14.3



#33
1,2-Dichloroethane-d4
Concen: 50.303 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion:	65	Resp:	71193
Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.8

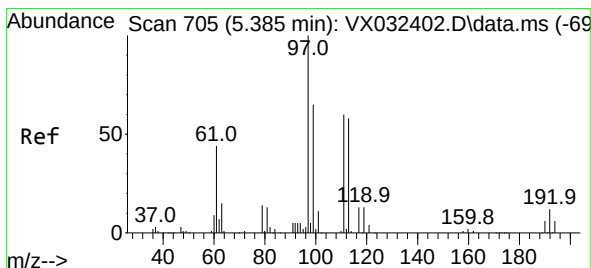
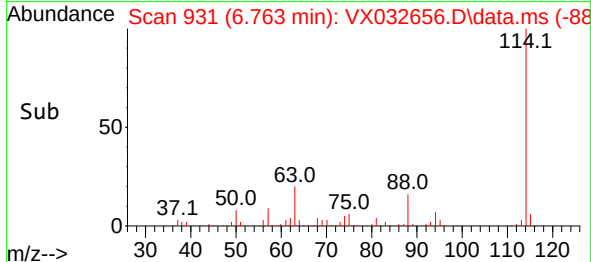
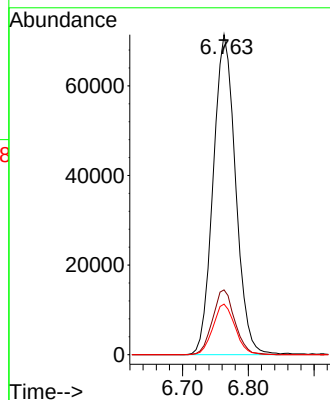
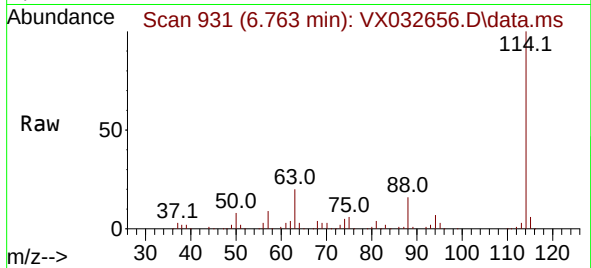




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

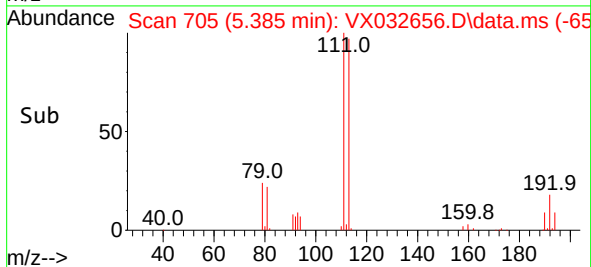
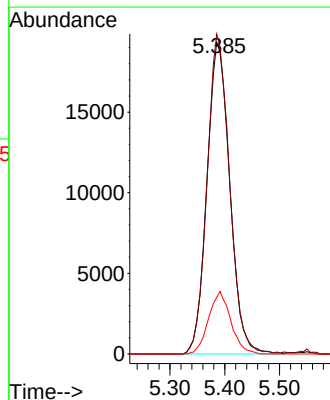
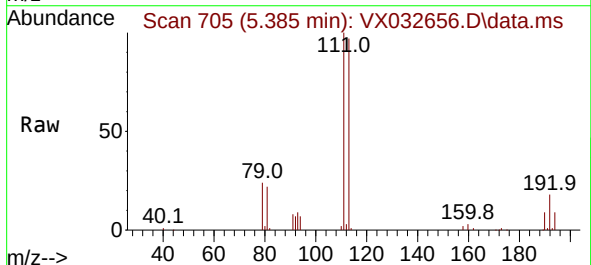
Instrument :
MSVOA_X
ClientSampleId :
R-28

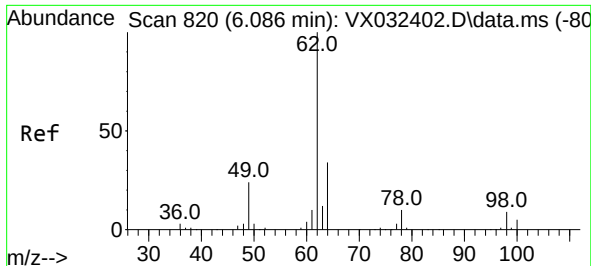
Tgt Ion:114 Resp: 169354
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.346 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

Tgt Ion:113 Resp: 55987
Ion Ratio Lower Upper
113 100
111 101.0 82.4 123.6
192 19.5 15.4 23.2





#42

1,2-Dichloroethane

Concen: 25.344 ug/l

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX032656.D

Acq: 08 Nov 2022 16:03

Instrument :

MSVOA_X

ClientSampleId :

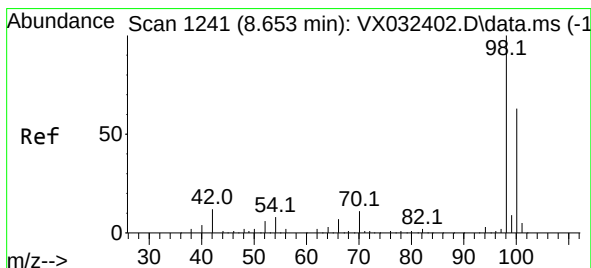
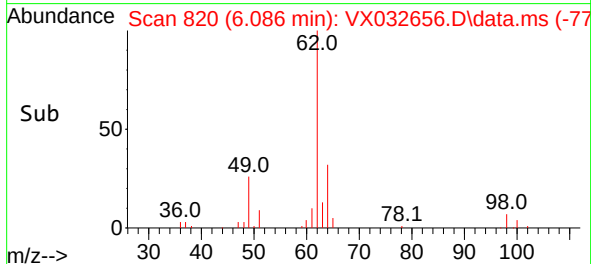
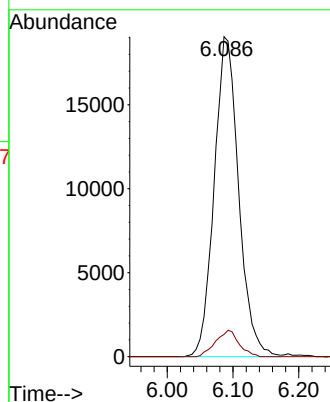
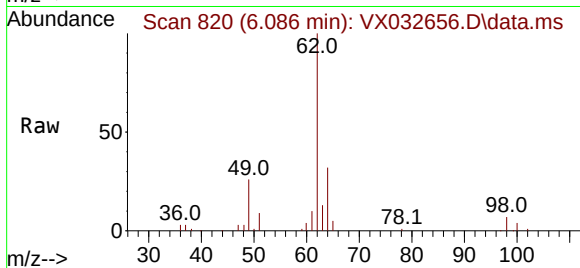
R-28

Tgt Ion: 62 Resp: 49319

Ion Ratio Lower Upper

62 100

98 7.9 0.0 16.0



#50

Toluene-d8

Concen: 48.418 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX032656.D

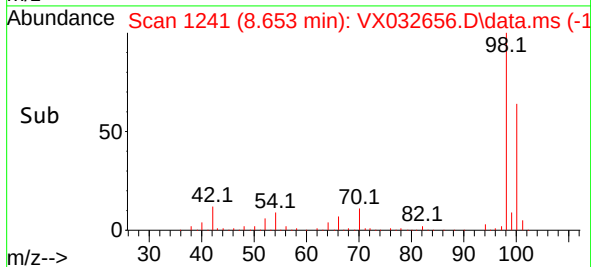
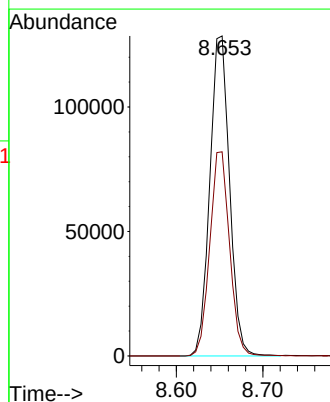
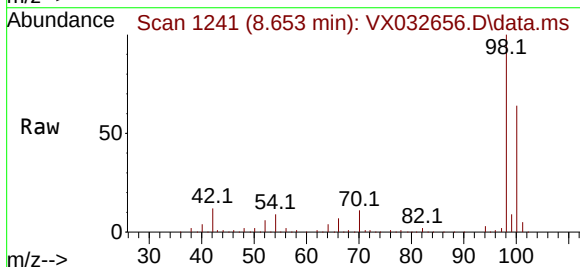
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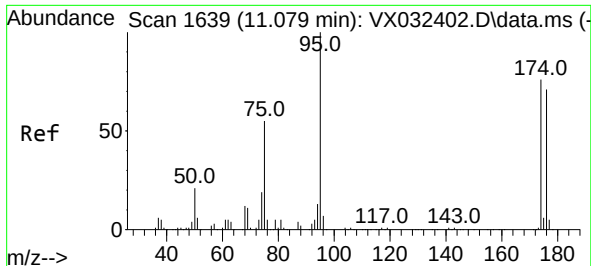
Tgt Ion: 98 Resp: 203384

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

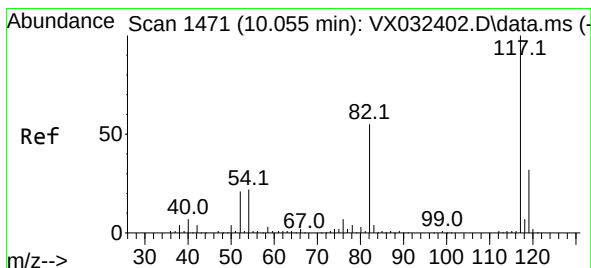
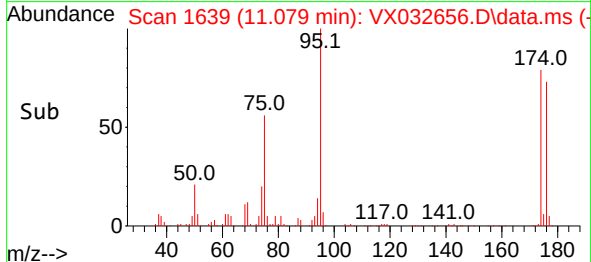
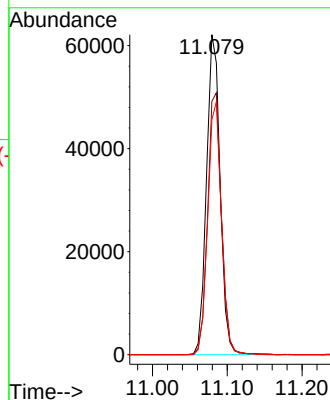
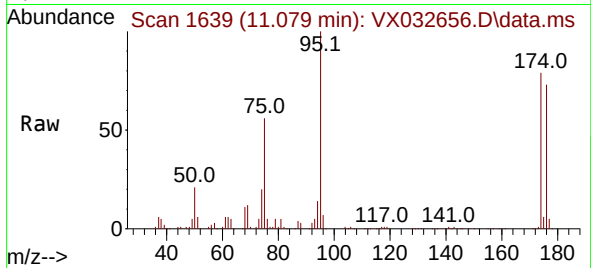




#62
4-Bromofluorobenzene
Concen: 47.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

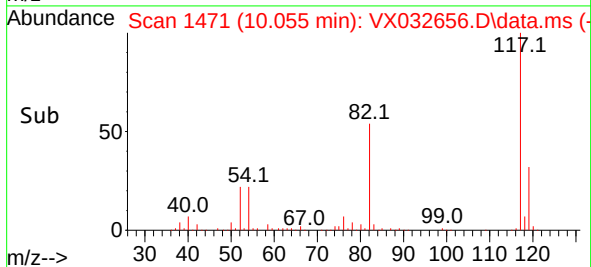
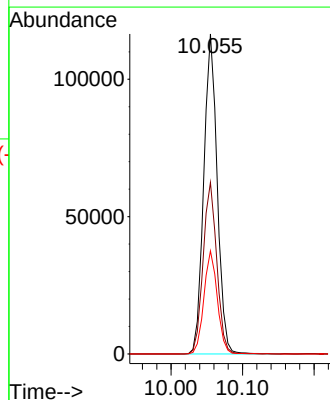
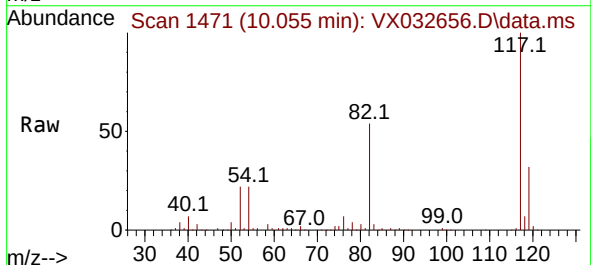
Instrument :
MSVOA_X
ClientSampleId :
R-28

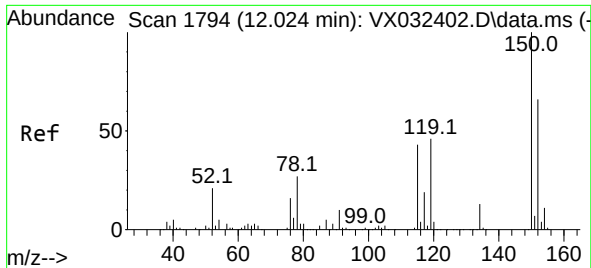
Tgt Ion: 95 Resp: 78490
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032656.D
Acq: 08 Nov 2022 16:03

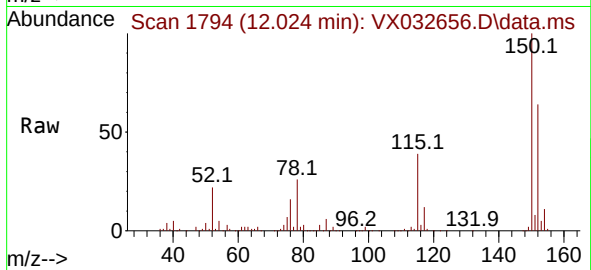
Tgt Ion: 117 Resp: 152490
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.2 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032656.D
 Acq: 08 Nov 2022 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 R-28



Tgt Ion:152 Resp: 70811
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.0 132.0
 150 158.1 0.0 351.8

