

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110722\
 Data File : VX032620.D
 Acq On : 07 Nov 2022 12:31
 Operator : JC/MD
 Sample : N5486-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23ADL

Quant Time: Nov 08 03:11:35 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)

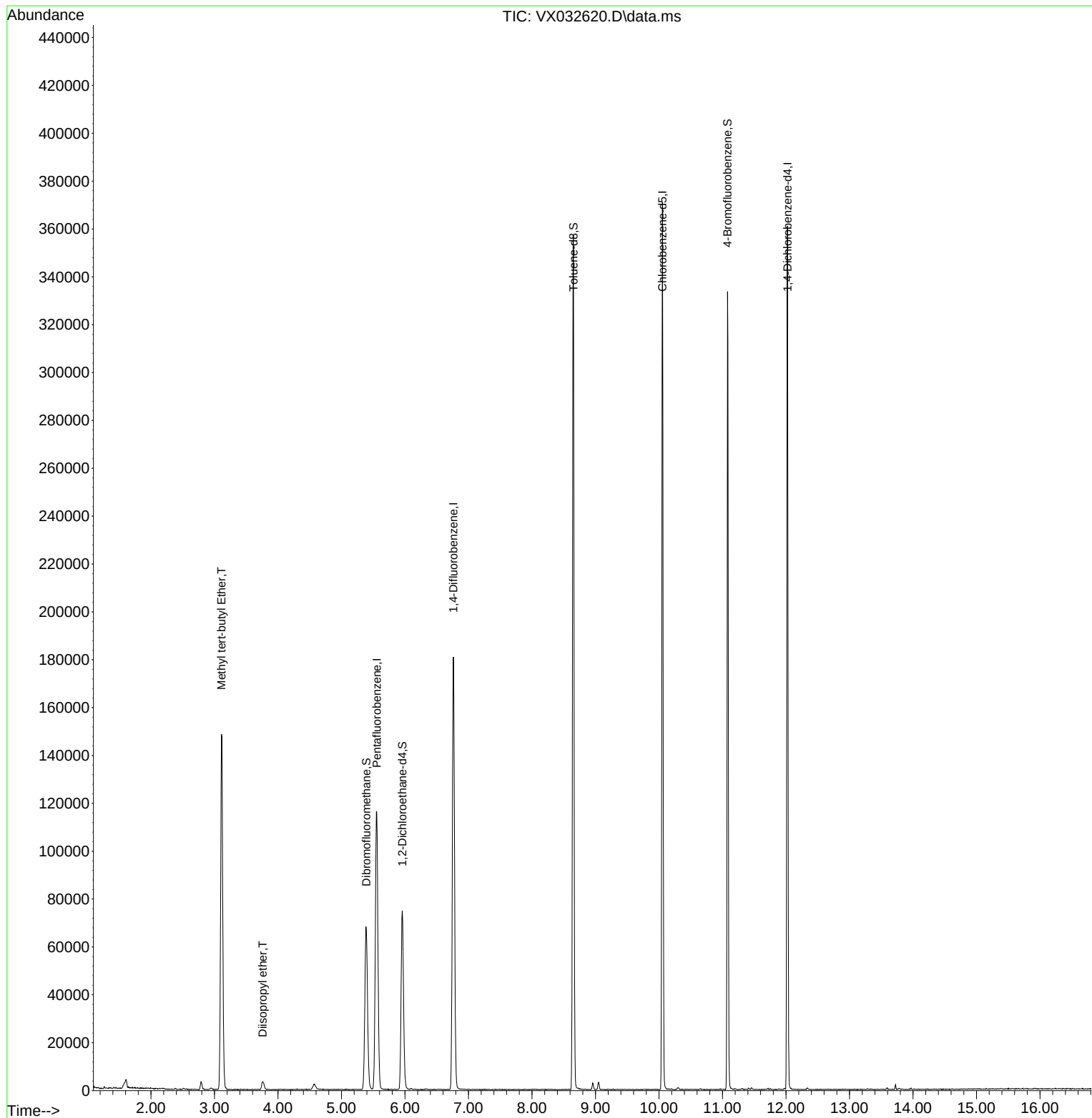
Internal Standards						
1) Pentafluorobenzene	5.556	168	109966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75839	49.634	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.260%
35) Dibromofluoromethane	5.391	113	59275	46.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.653	98	215691	48.359	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	82501	47.353	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%
Target Compounds						
19) Methyl tert-butyl Ether	3.111	73	162446	41.910	ug/l	99
22) Diisopropyl ether	3.757	45	3629	0.954	ug/l #	85

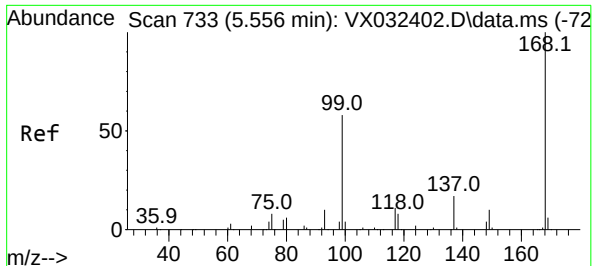
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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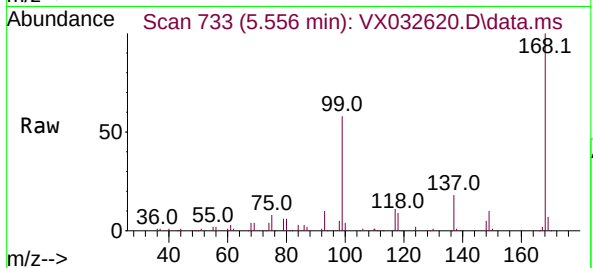
Quant Time: Nov 08 03:11:35 2022
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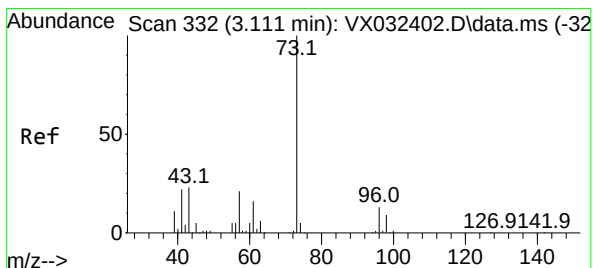
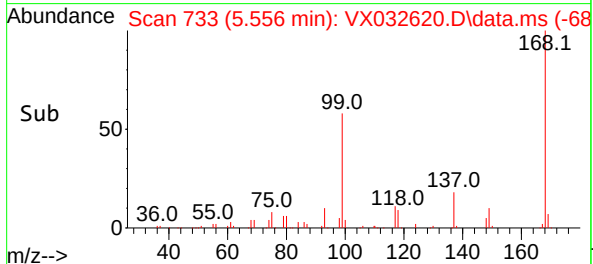
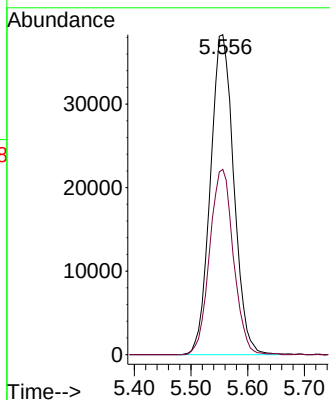


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
MW-23ADL

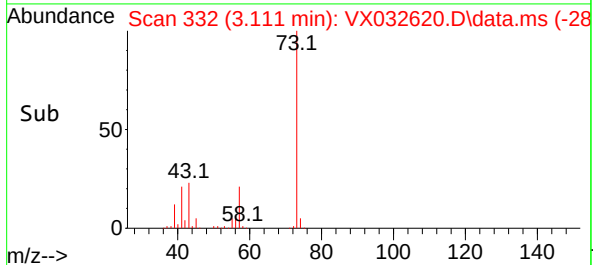
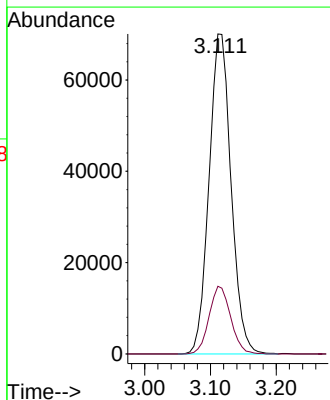
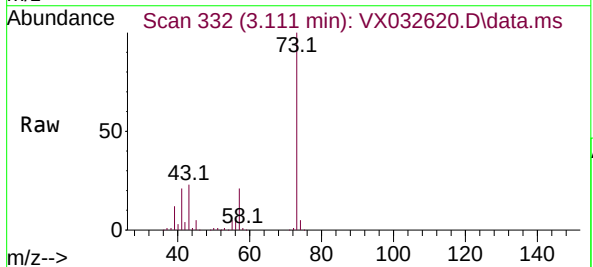


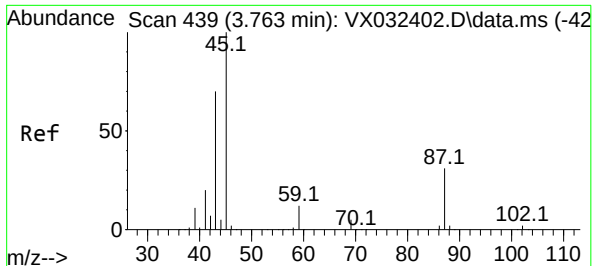
Tgt Ion:168 Resp: 109966
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#19
Methyl tert-butyl Ether
Concen: 41.910 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Tgt Ion: 73 Resp: 162446
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0





#22

Diisopropyl ether

Concen: 0.954 ug/l

RT: 3.757 min Scan# 439

Delta R.T. -0.006 min

Lab File: VX032620.D

Acq: 07 Nov 2022 12:31

Instrument :

MSVOA_X

ClientSampleId :

MW-23ADL

Tgt Ion: 45 Resp: 3629

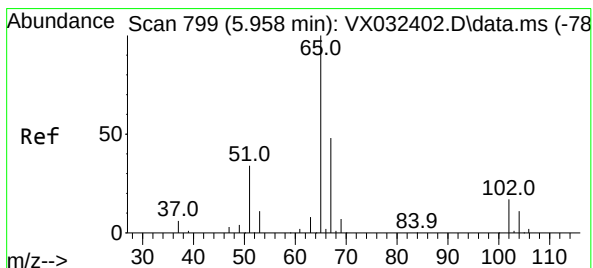
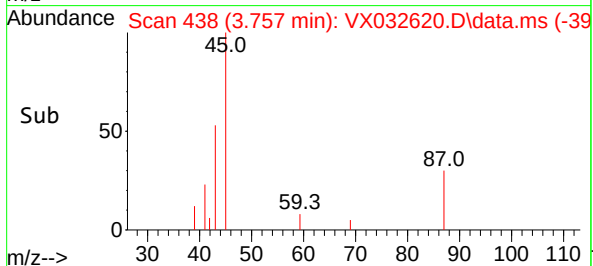
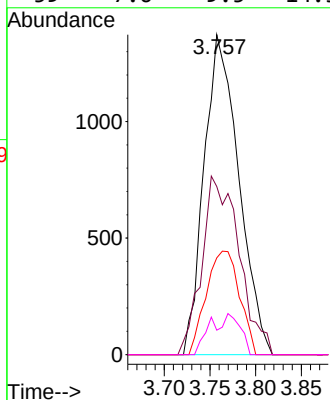
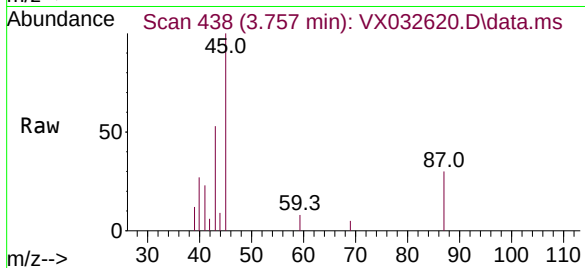
Ion Ratio Lower Upper

45 100

43 52.5 56.4 84.6#

87 30.2 24.4 36.6

59 7.6 9.5 14.3#



#33

1,2-Dichloroethane-d4

Concen: 49.634 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032620.D

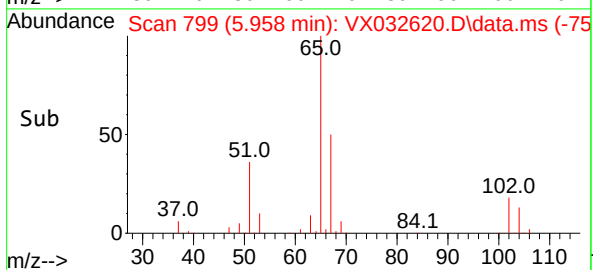
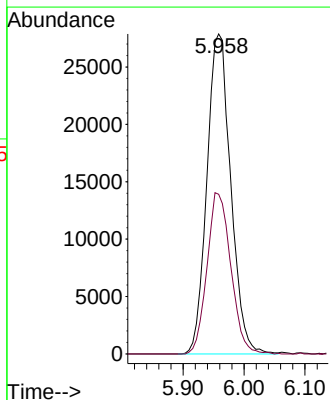
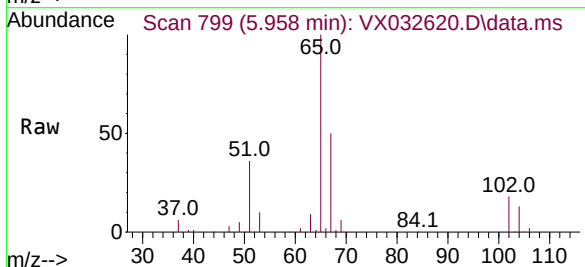
Acq: 07 Nov 2022 12:31

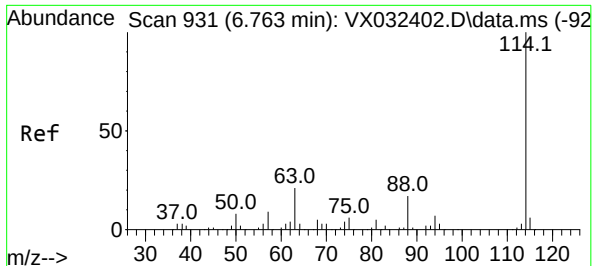
Tgt Ion: 65 Resp: 75839

Ion Ratio Lower Upper

65 100

67 50.2 0.0 101.8

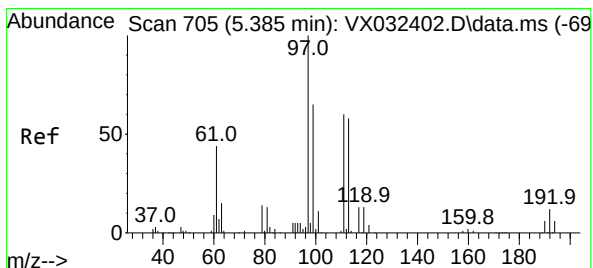
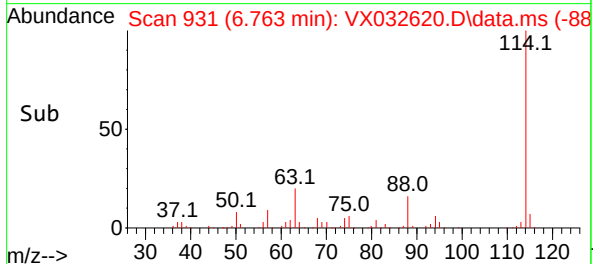
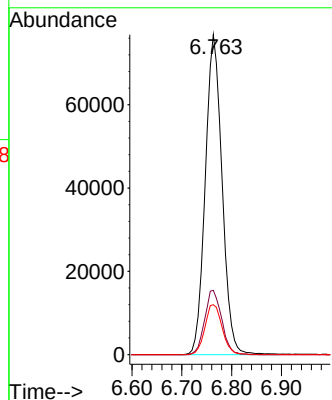
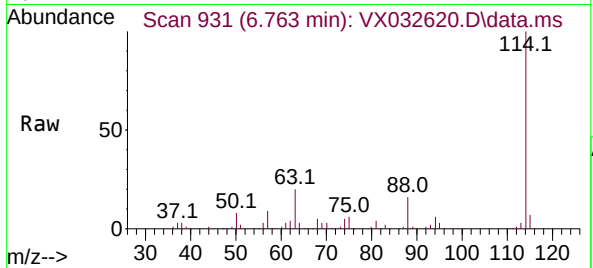




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

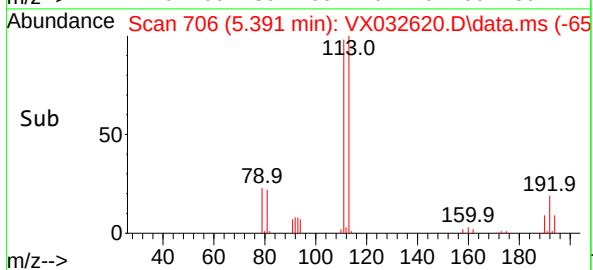
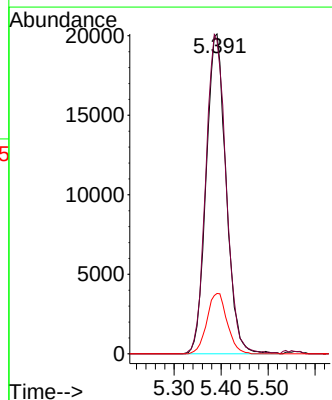
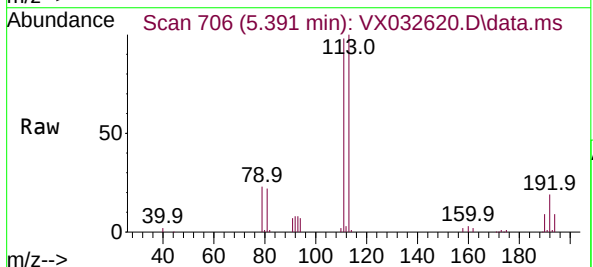
Instrument :
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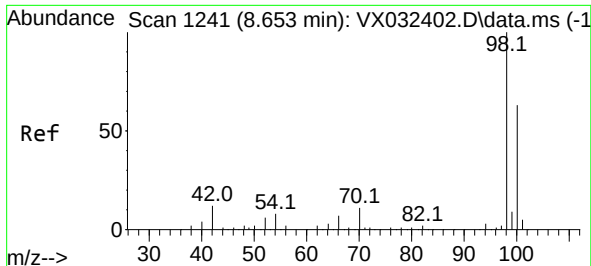
Tgt Ion:114 Resp: 179822
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.212 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Tgt Ion:113 Resp: 59275
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 19.2 15.4 23.2

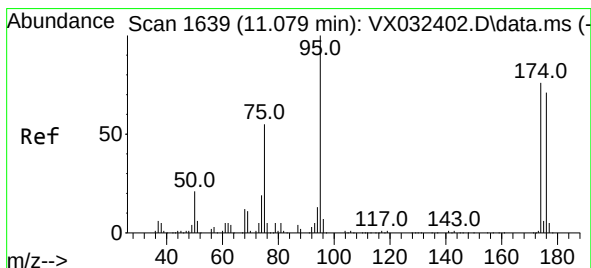
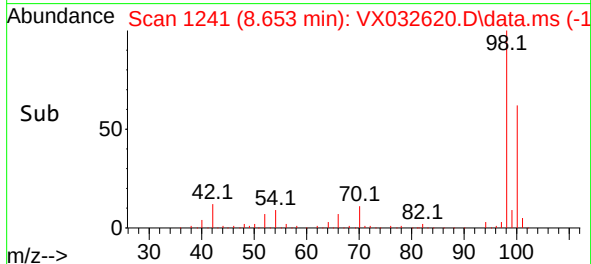
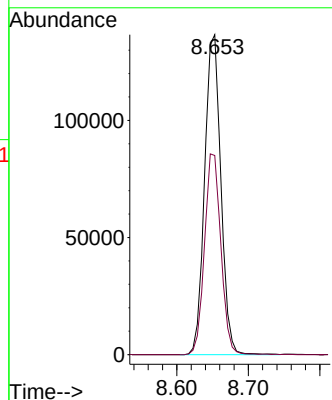
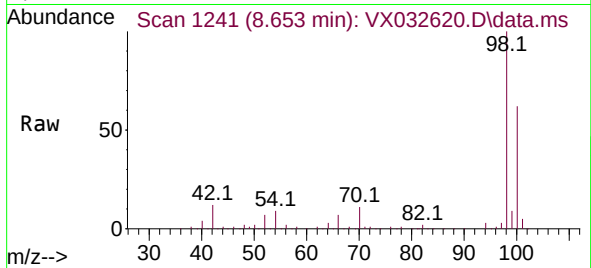




#50
Toluene-d8
Concen: 48.359 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

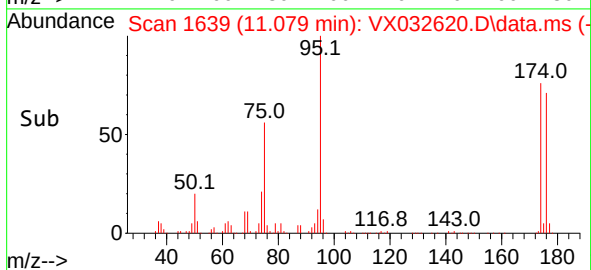
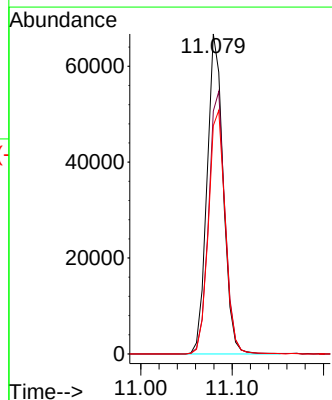
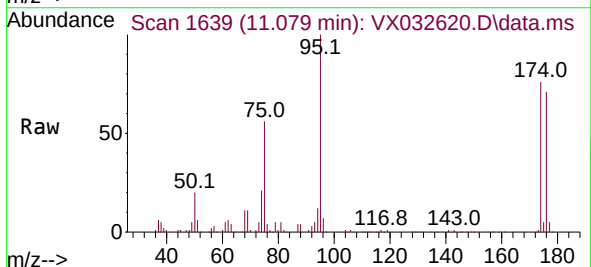
Instrument :
MSVOA_X
ClientSampleId :
MW-23ADL

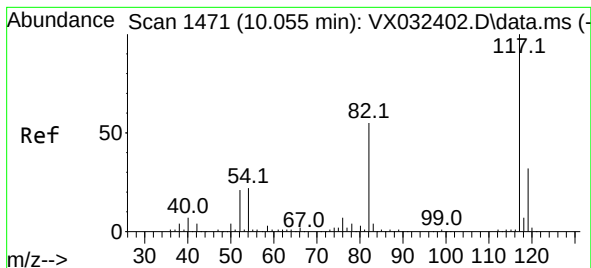
Tgt Ion: 98 Resp: 215691
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.353 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Tgt Ion: 95 Resp: 82501
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 78.9 0.0 154.4

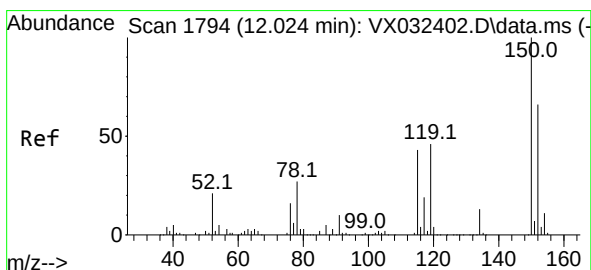
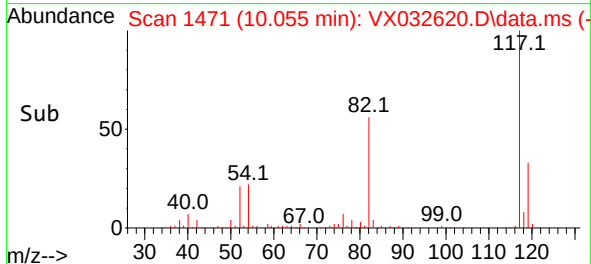
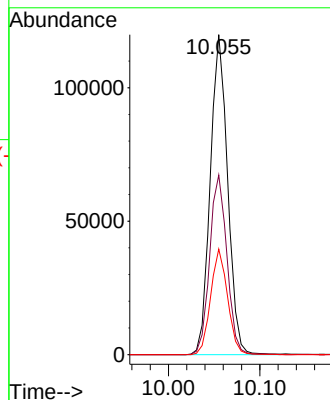
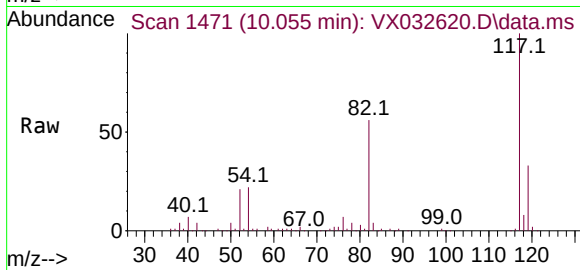




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Instrument :
MSVOA_X
ClientSampleId :
MW-23ADL

Tgt Ion:117 Resp: 158384
Ion Ratio Lower Upper
117 100
82 56.1 44.3 66.5
119 33.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032620.D
Acq: 07 Nov 2022 12:31

Tgt Ion:152 Resp: 74591
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 156.7 0.0 351.8

