

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
 Data File : VX033050.D
 Acq On : 24 Nov 2022 09:30
 Operator : JC/MD
 Sample : N5742-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Quant Time: Nov 25 06:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

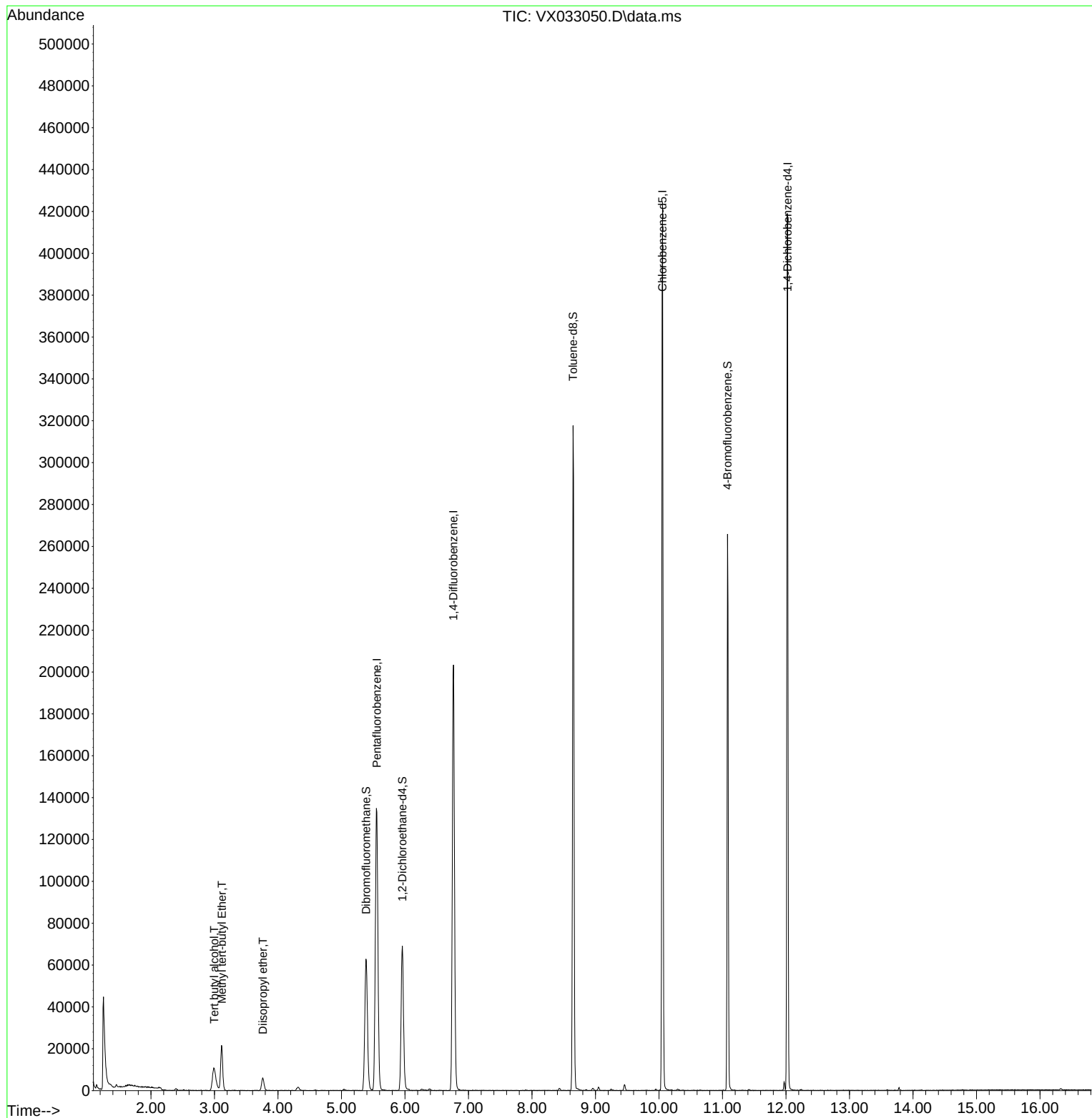
Internal Standards						
1) Pentafluorobenzene	5.556	168	127637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69164	55.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.640%
35) Dibromofluoromethane	5.385	113	54145	45.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.440%
50) Toluene-d8	8.647	98	187593	52.770	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.540%
62) 4-Bromofluorobenzene	11.079	95	67623	43.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.940%
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	20519	104.137	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	22318	5.778	ug/l	97
22) Diisopropyl ether	3.764	45	6236	1.593	ug/l #	83

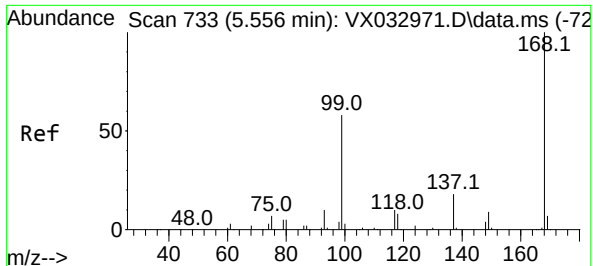
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112322\
Data File : VX033050.D
Acq On : 24 Nov 2022 09:30
Operator : JC/MD
Sample : N5742-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-44

Quant Time: Nov 25 06:39:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

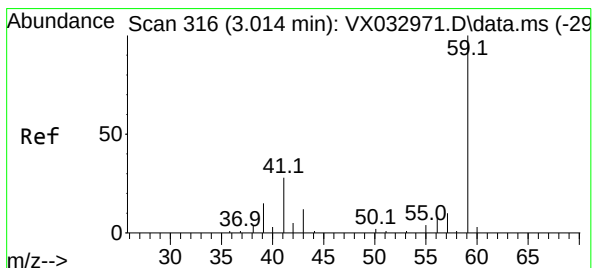
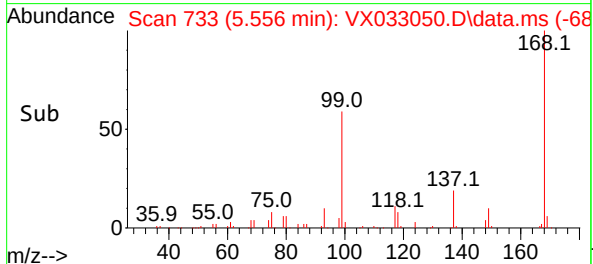
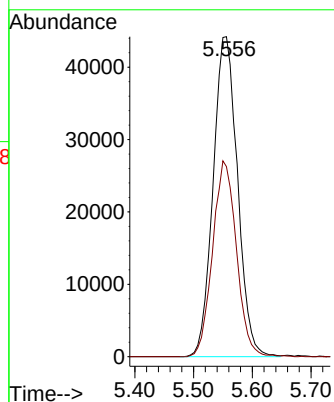
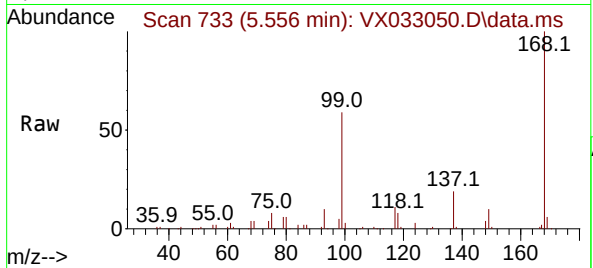




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

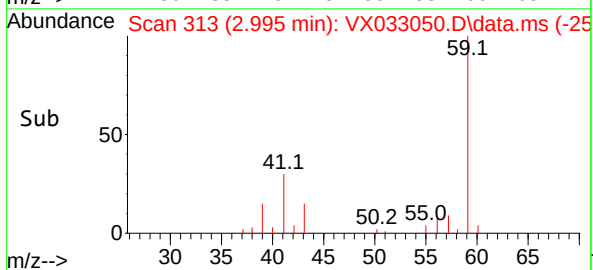
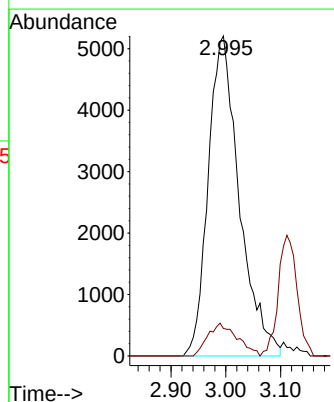
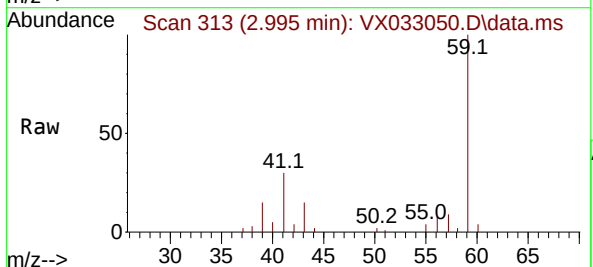
Instrument :
MSVOA_X
ClientSampleId :
MW-44

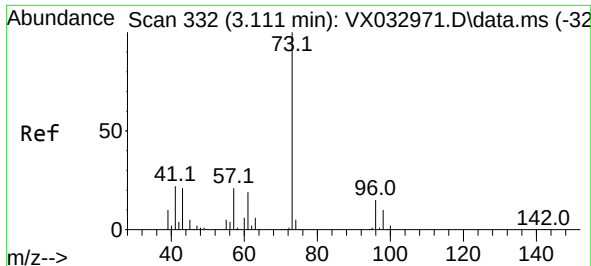
Tgt Ion:168 Resp: 127637
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 104.137 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.030 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 59 Resp: 20519
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4





#19

Methyl tert-butyl Ether

Concen: 5.778 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Instrument :

MSVOA_X

ClientSampleId :

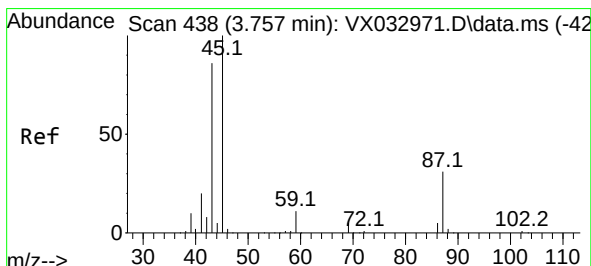
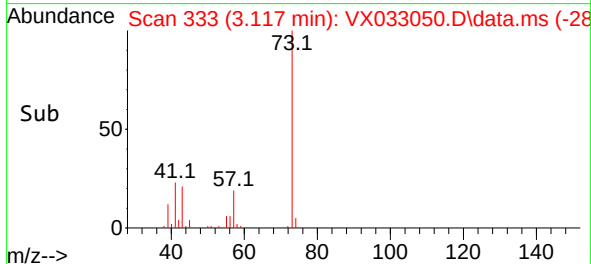
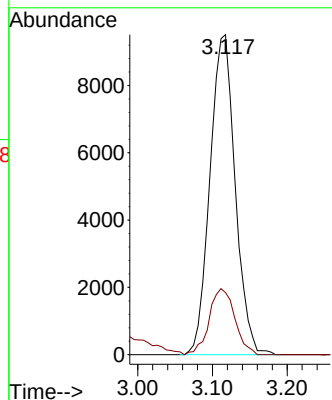
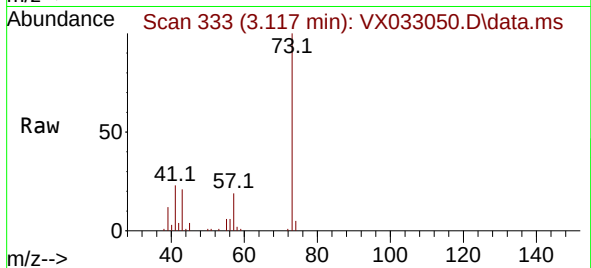
MW-44

Tgt Ion: 73 Resp: 22318

Ion Ratio Lower Upper

73 100

57 19.4 16.6 25.0



#22

Diisopropyl ether

Concen: 1.593 ug/l

RT: 3.764 min Scan# 439

Delta R.T. 0.001 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Tgt Ion: 45 Resp: 6236

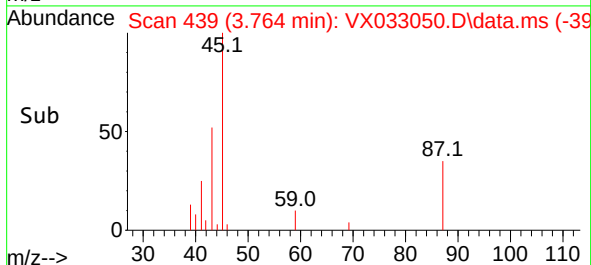
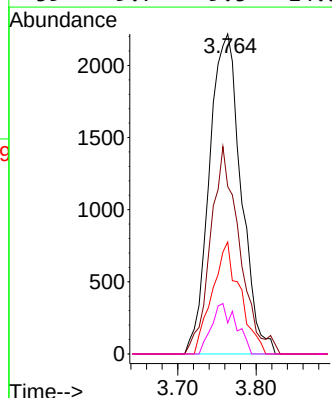
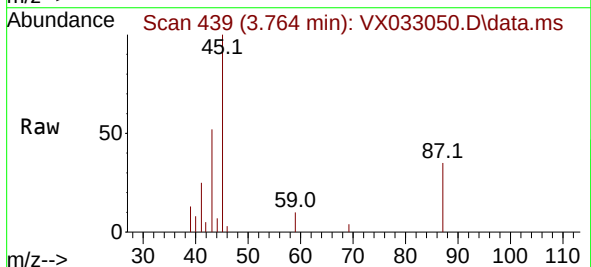
Ion Ratio Lower Upper

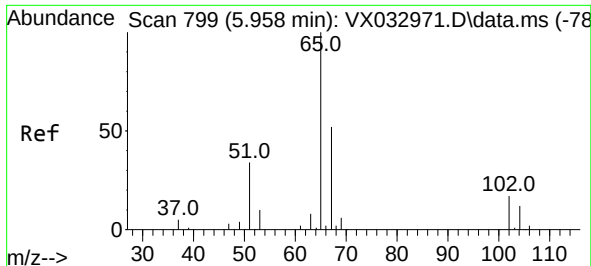
45 100

43 52.3 56.4 84.6#

87 35.0 24.4 36.6

59 9.7 9.5 14.3





#33

1,2-Dichloroethane-d4

Concen: 55.820 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Instrument :

MSVOA_X

ClientSampleId :

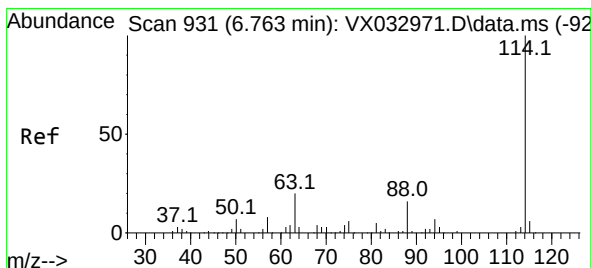
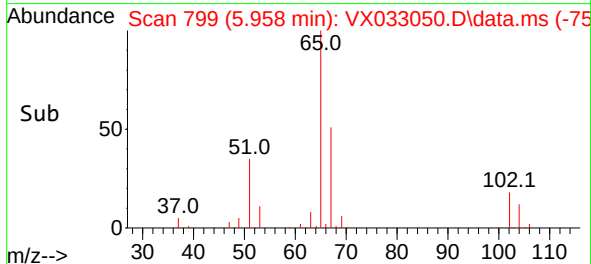
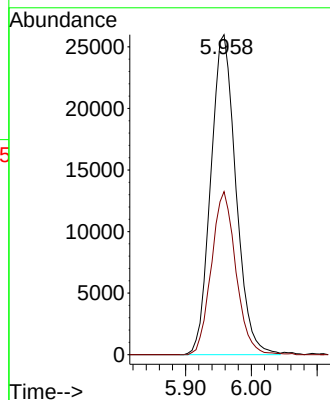
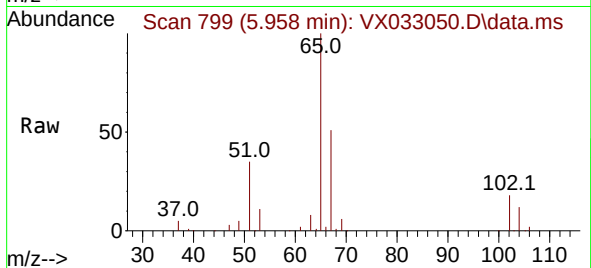
MW-44

Tgt Ion: 65 Resp: 69164

Ion Ratio Lower Upper

65 100

67 49.7 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: VX033050.D

Acq: 24 Nov 2022 09:30

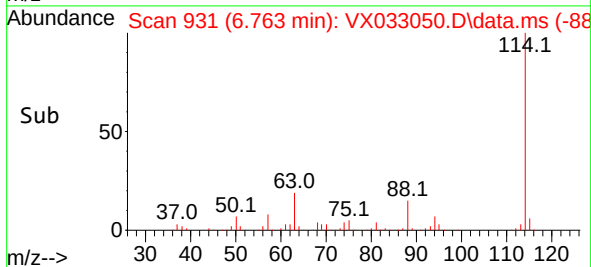
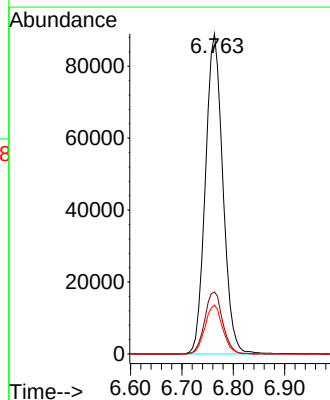
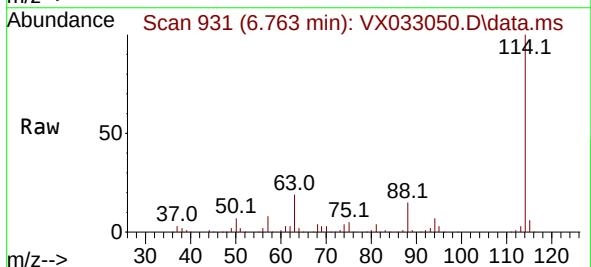
Tgt Ion: 114 Resp: 210049

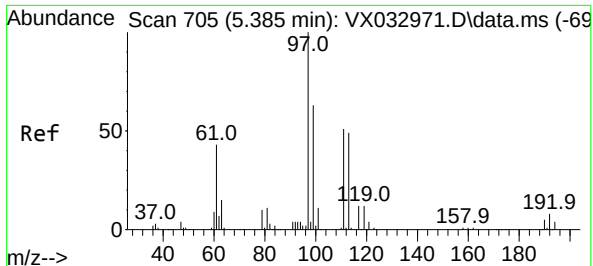
Ion Ratio Lower Upper

114 100

63 19.3 0.0 41.6

88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.724 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033050.D

Acq: 24 Nov 2022 09:30

Instrument :

MSVOA_X

ClientSampleId :

MW-44

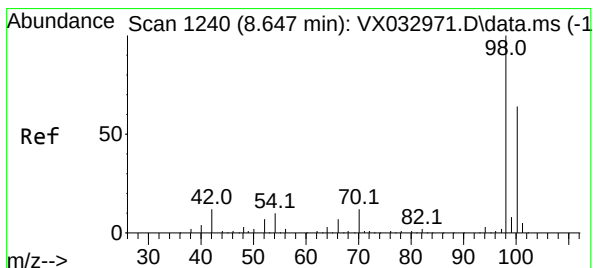
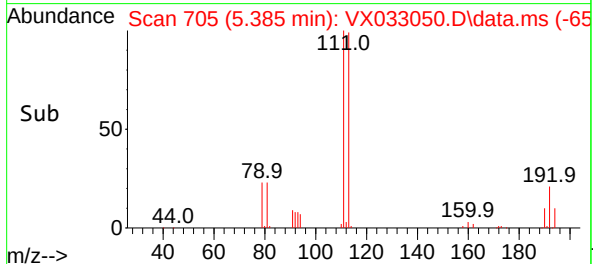
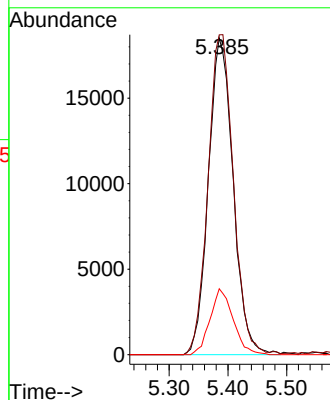
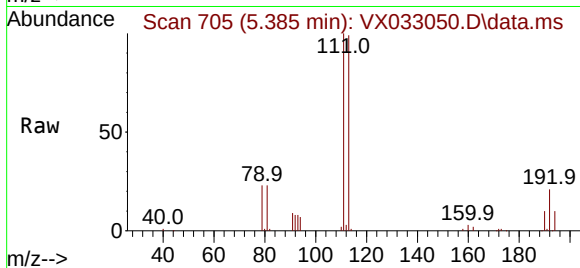
Tgt Ion:113 Resp: 54145

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 19.5 15.4 23.2



#50

Toluene-d8

Concen: 52.770 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033050.D

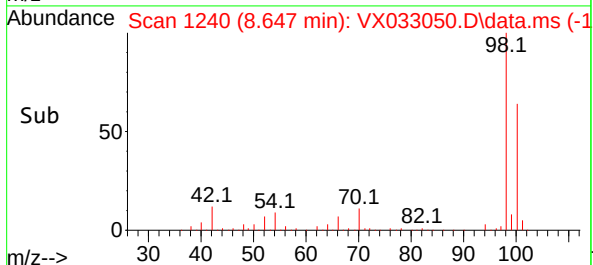
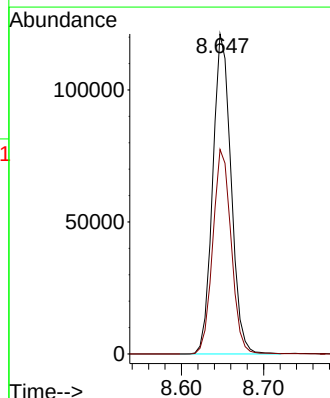
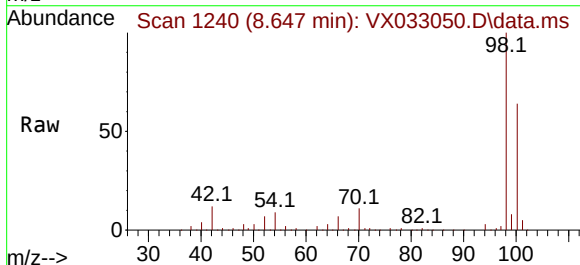
Acq: 24 Nov 2022 09:30

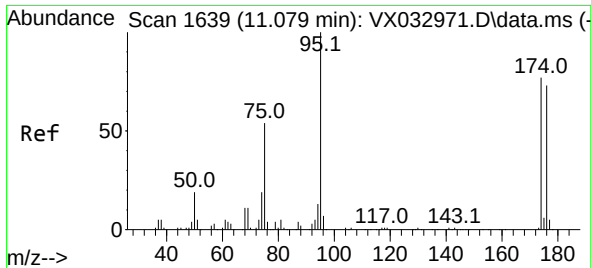
Tgt Ion: 98 Resp: 187593

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

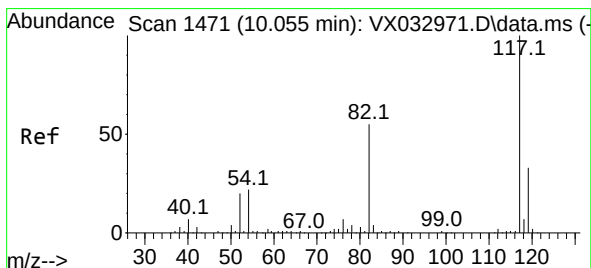
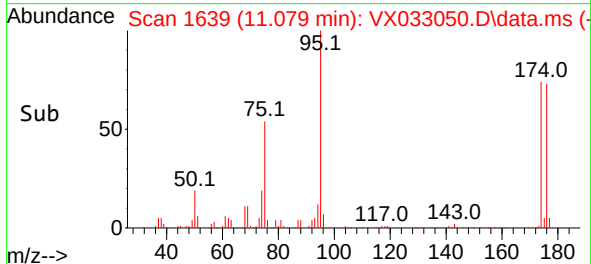
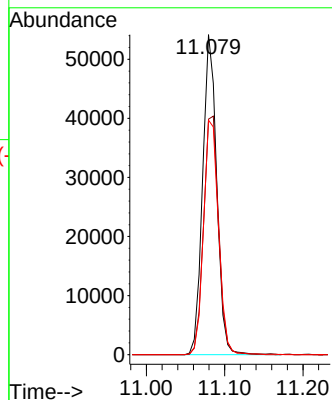
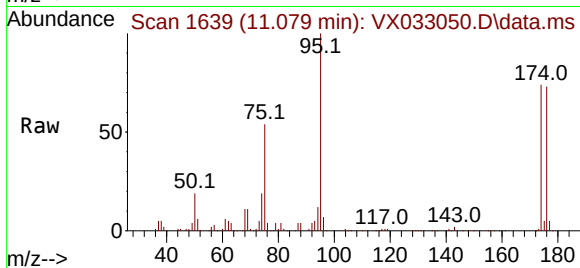




#62
4-Bromofluorobenzene
Concen: 43.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

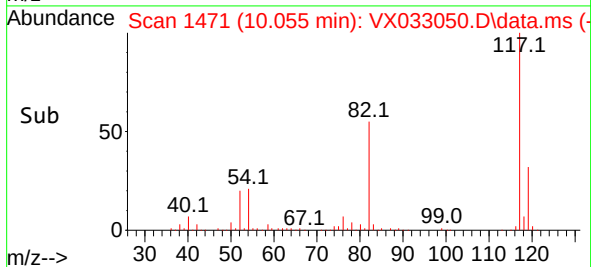
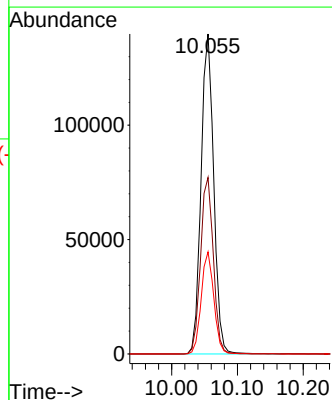
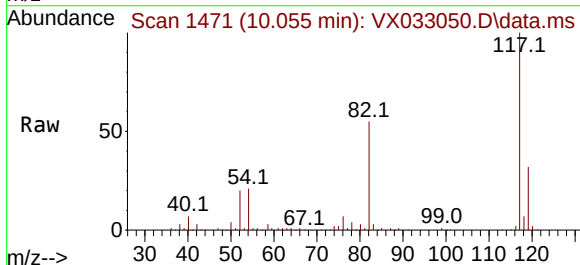
Instrument :
MSVOA_X
ClientSampleId :
MW-44

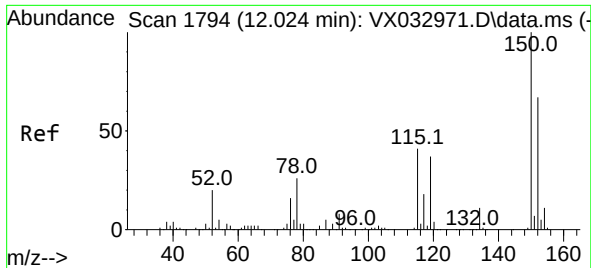
Tgt Ion: 95 Resp: 67623
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.0
176 77.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033050.D
Acq: 24 Nov 2022 09:30

Tgt Ion: 117 Resp: 186805
Ion Ratio Lower Upper
117 100
82 55.1 44.3 66.5
119 31.9 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: VX033050.D
 Acq: 24 Nov 2022 09:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-44

Tgt Ion:152 Resp: 86990
 Ion Ratio Lower Upper
 152 100
 115 60.1 44.0 132.0
 150 157.1 0.0 351.8

