

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027725.D
 Acq On : 26 Mar 2022 14:28
 Operator : JC/MD
 Sample : N2028-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-109DL

Quant Time: Mar 28 05:16:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

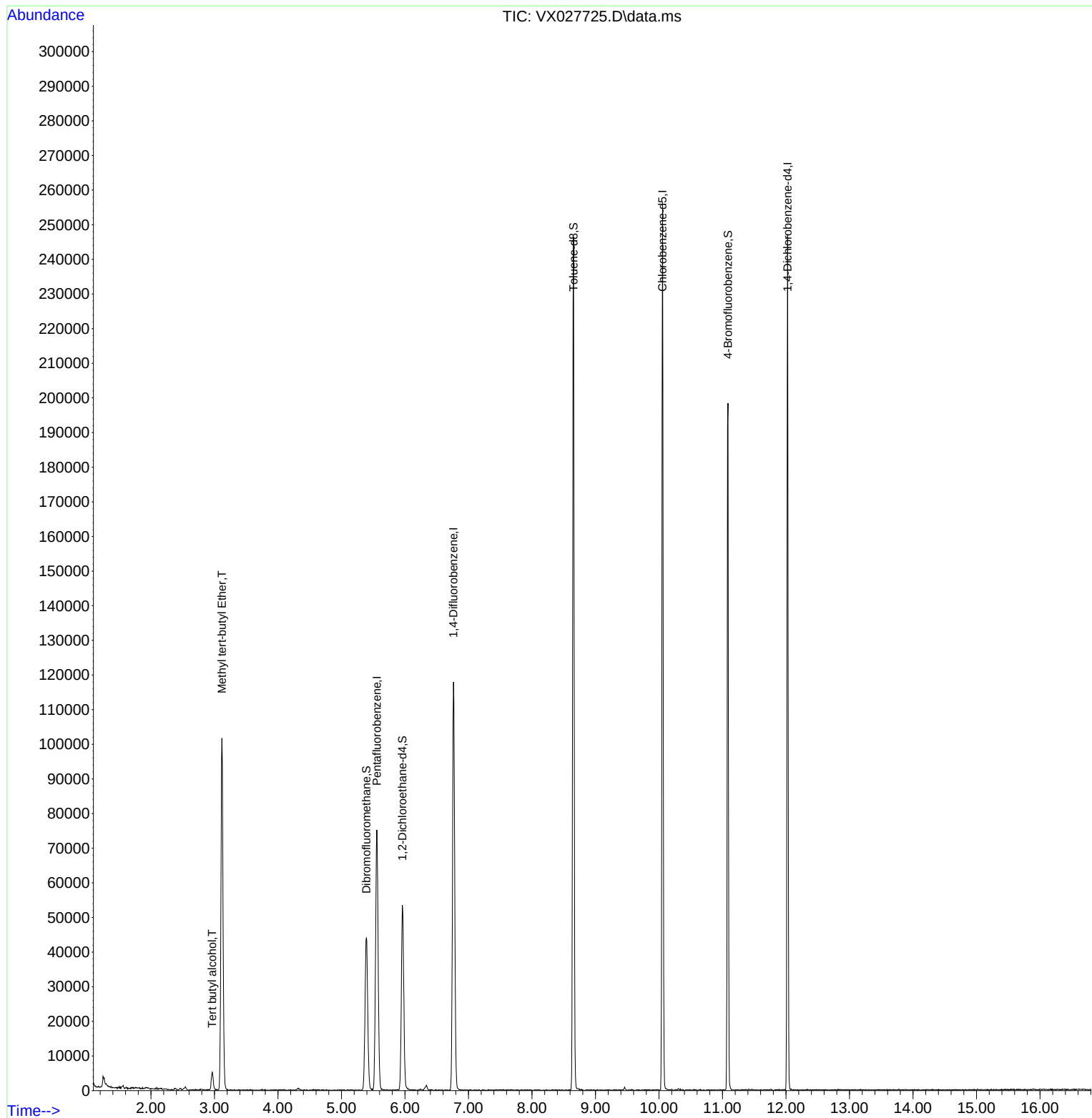
Internal Standards						
1) Pentafluorobenzene	5.556	168	64139	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	112922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103180	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43598	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52571	49.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.94%
35) Dibromofluoromethane	5.391	113	38129	51.42	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.84%
50) Toluene-d8	8.653	98	141285	49.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.58%
62) 4-Bromofluorobenzene	11.085	95	55243	47.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.98%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.965	59	5692	29.06	ug/l	# 72
19) Methyl tert-butyl Ether	3.117	73	107620	43.03	ug/l	97

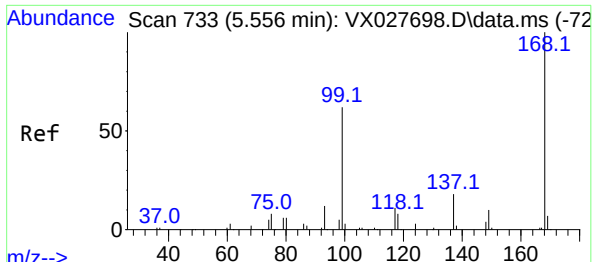
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1
Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.000 min

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MSVOA_X

ClientSampleId :

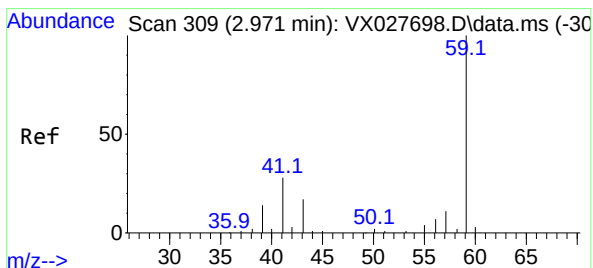
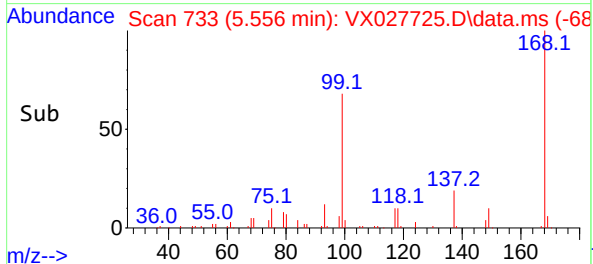
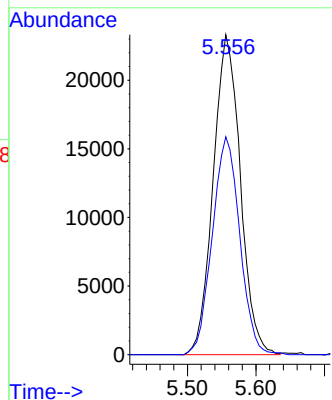
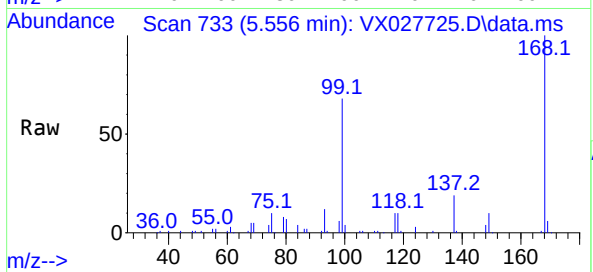
MW-109DL

Tgt Ion:168 Resp: 64139

Ion Ratio Lower Upper

168 100

99 68.1 41.7 62.5#



#11

Tert butyl alcohol

Concen: 29.06 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027725.D

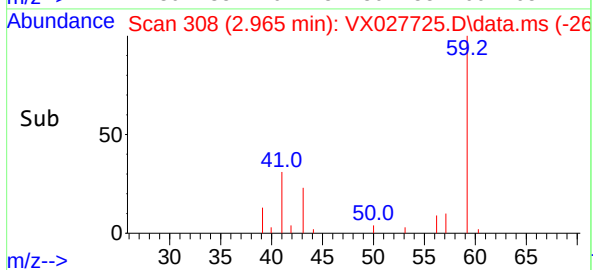
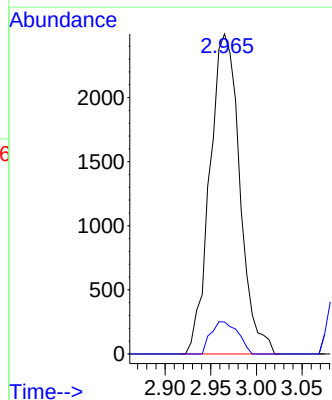
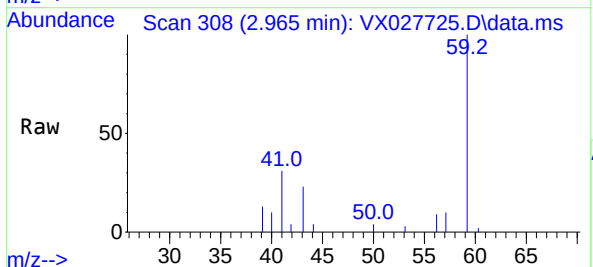
Acq: 26 Mar 2022 14:28

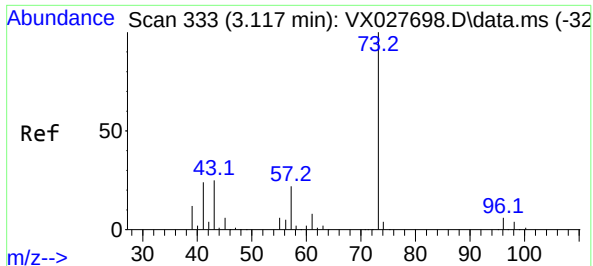
Tgt Ion: 59 Resp: 5692

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#19

Methyl tert-butyl Ether

Concen: 43.03 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027725.D

Acq: 26 Mar 2022 14:28

Instrument :

MSVOA_X

ClientSampleId :

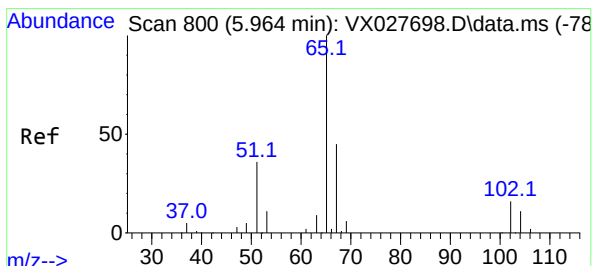
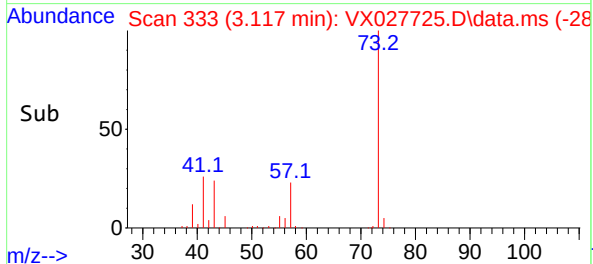
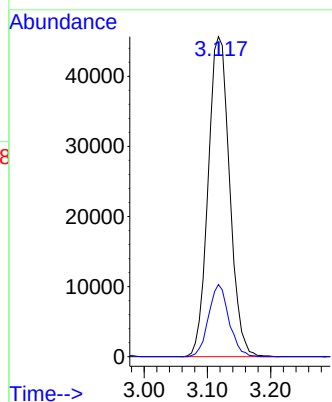
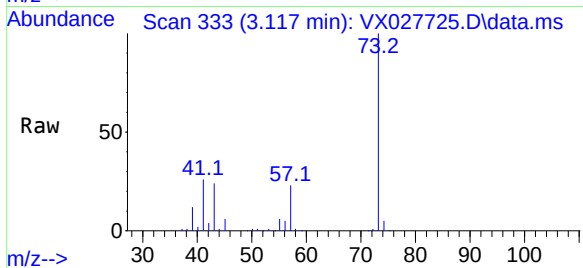
MW-109DL

Tgt Ion: 73 Resp: 107620

Ion Ratio Lower Upper

73 100

57 22.5 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 49.97 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027725.D

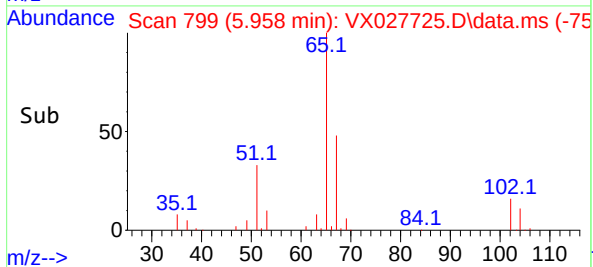
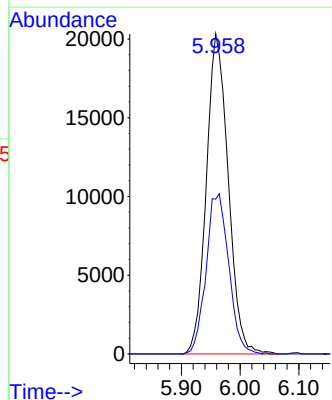
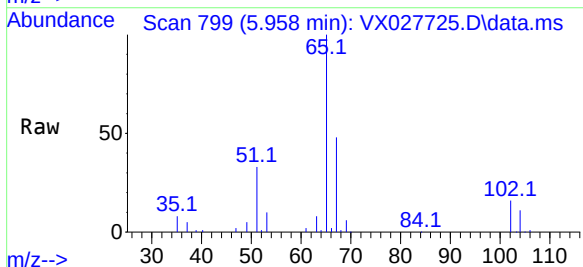
Acq: 26 Mar 2022 14:28

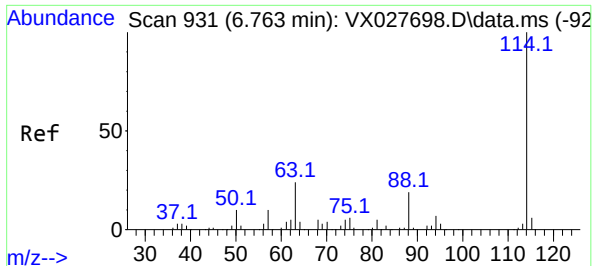
Tgt Ion: 65 Resp: 52571

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4

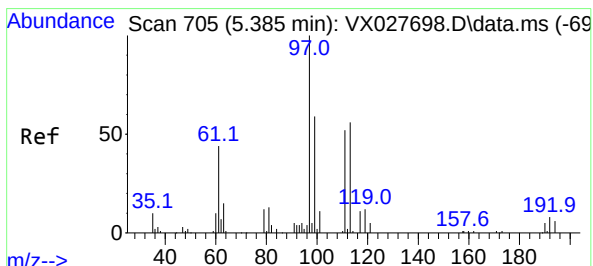
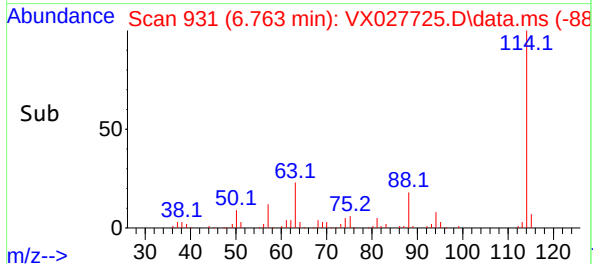
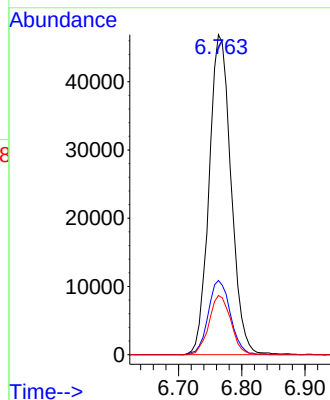
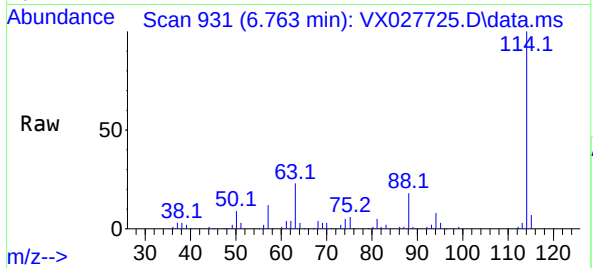




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

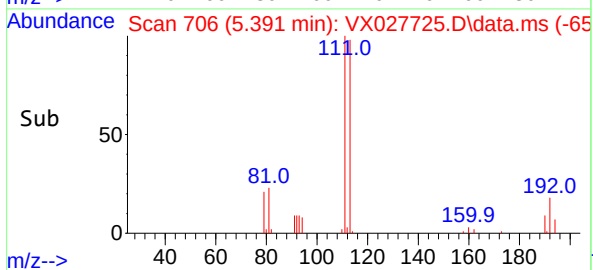
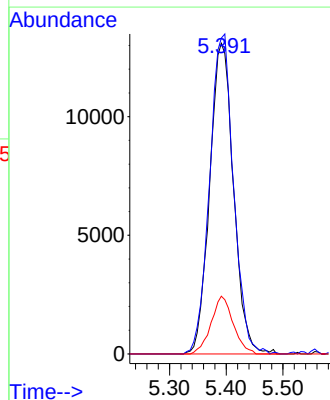
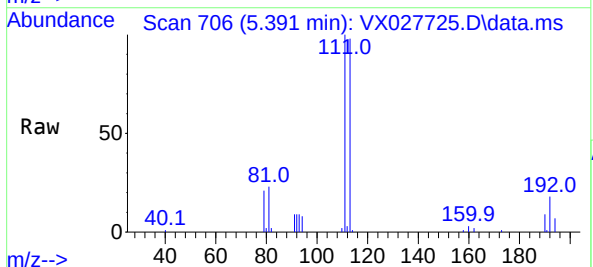
Instrument :
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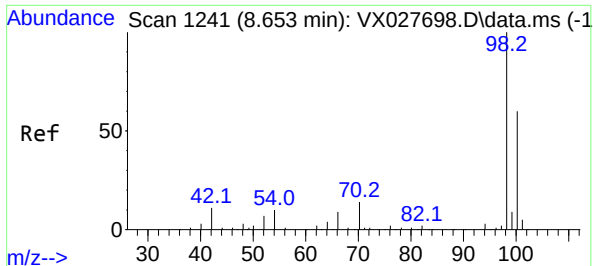
Tgt Ion:114 Resp: 112922
Ion Ratio Lower Upper
114 100
63 23.2 0.0 36.8
88 18.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.42 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

Tgt Ion:113 Resp: 38129
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 17.3 16.9 25.3

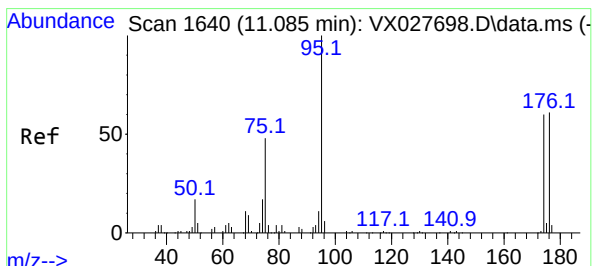
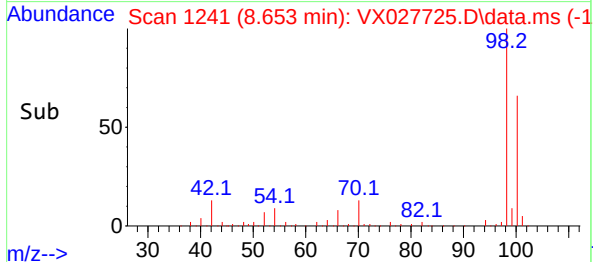
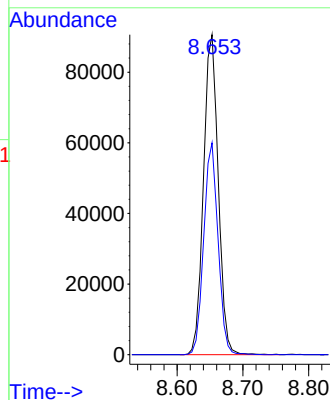
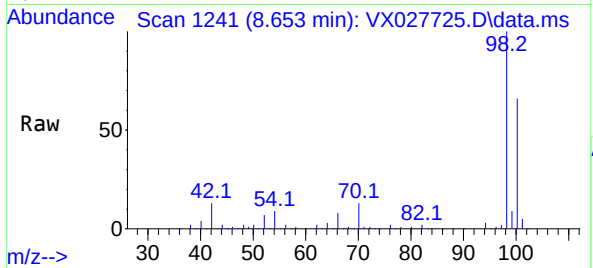




#50
Toluene-d8
Concen: 49.29 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

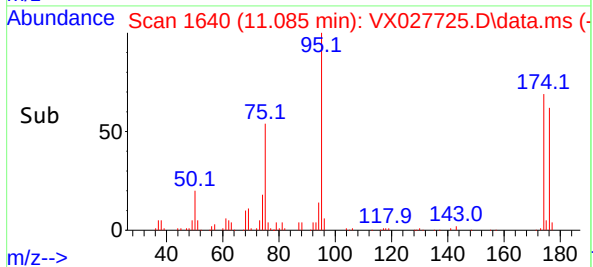
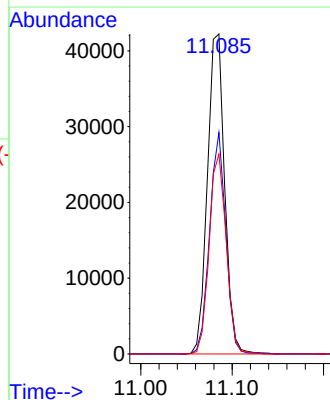
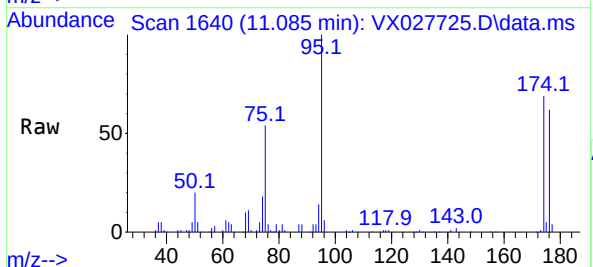
Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

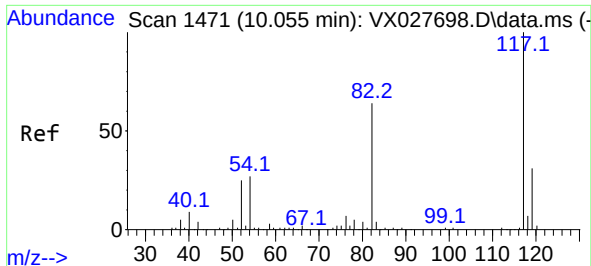
Tgt Ion: 98 Resp: 141285
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

Tgt Ion: 95 Resp: 55243
Ion Ratio Lower Upper
95 100
174 64.9 0.0 163.0
176 61.4 0.0 155.0

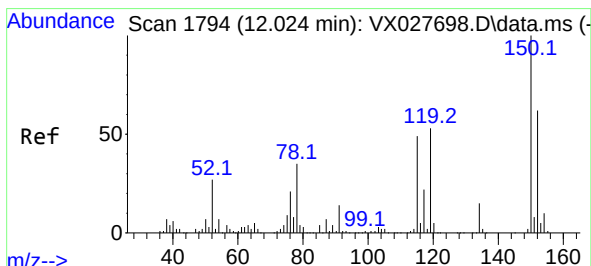
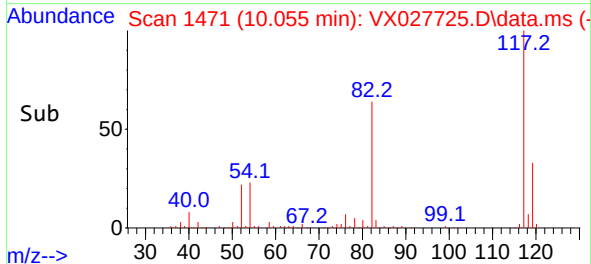
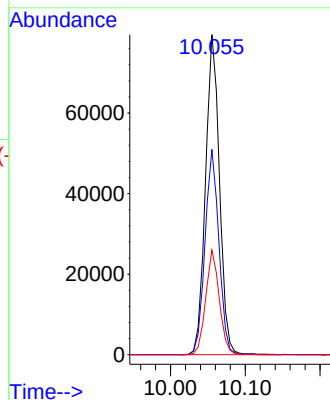
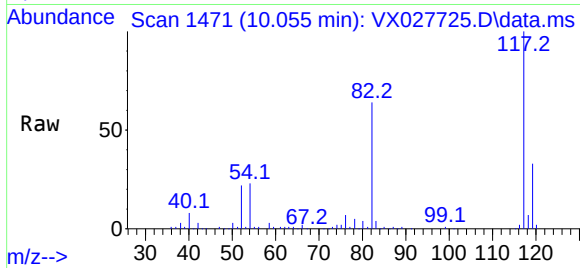




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

Instrument :
MSVOA_X
ClientSampleId :
MW-109DL

Tgt Ion:117 Resp: 103180
Ion Ratio Lower Upper
117 100
82 64.2 41.8 62.8#
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027725.D
Acq: 26 Mar 2022 14:28

Tgt Ion:152 Resp: 43598
Ion Ratio Lower Upper
152 100
115 67.1 37.5 112.7
150 157.0 0.0 338.2

