

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033954.D
 Acq On : 30 Jan 2023 18:23
 Operator : JC/MD
 Sample : 01328-25
 Misc : 13.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-BORING-2-0-7-GRAB-7

Quant Time: Jan 31 04:51:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	152988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	215904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70697	43.889	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.780%
35) Dibromofluoromethane	5.385	113	61437	45.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.660%
50) Toluene-d8	8.647	98	241852	49.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.020%
62) 4-Bromofluorobenzene	11.085	95	85120	46.934	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.860%

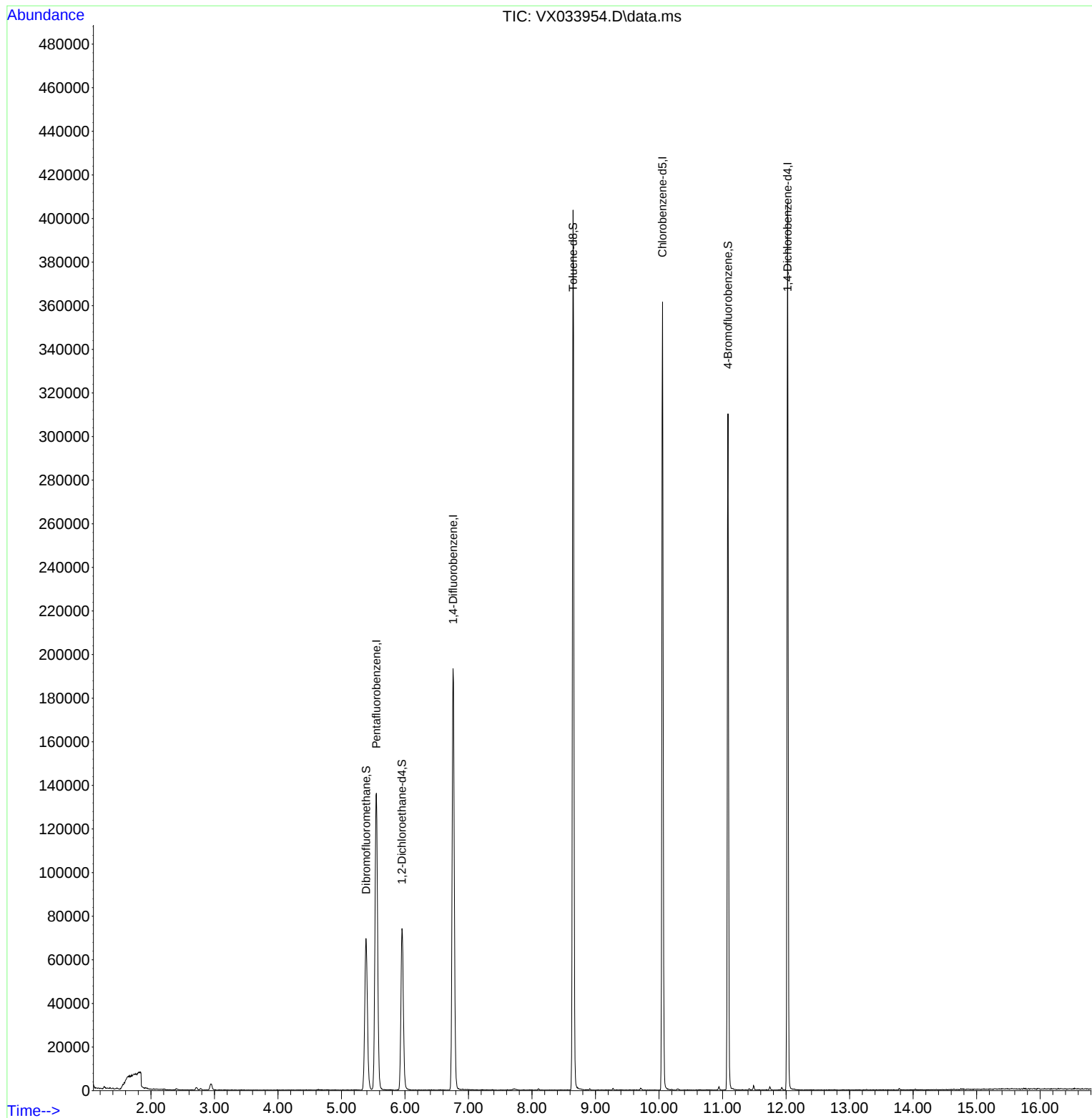
Target Compounds	Qvalue

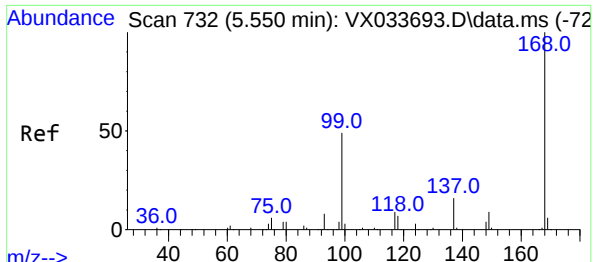
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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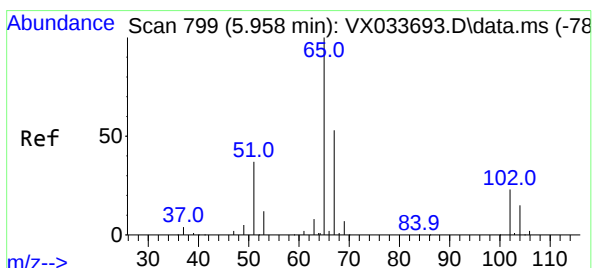
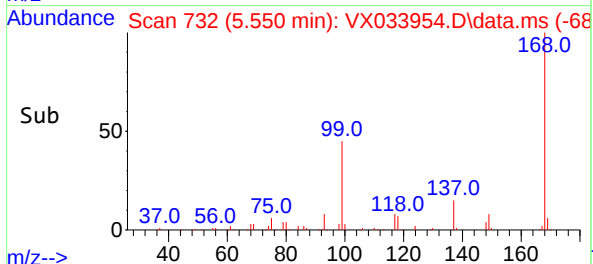
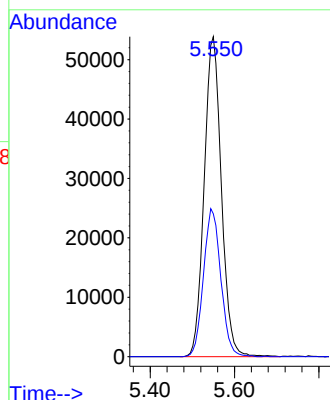
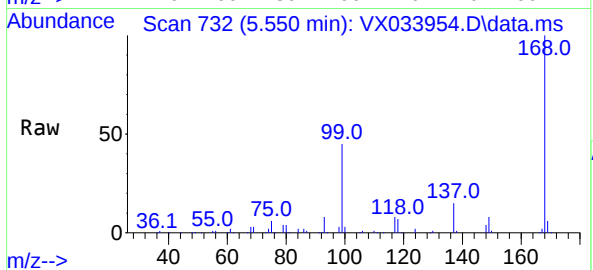




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

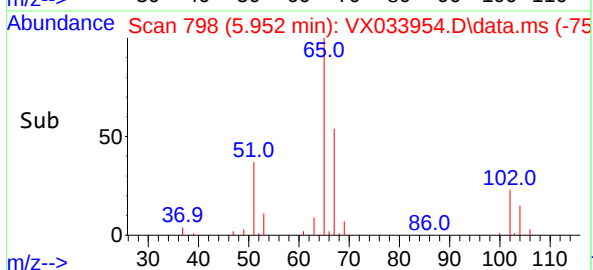
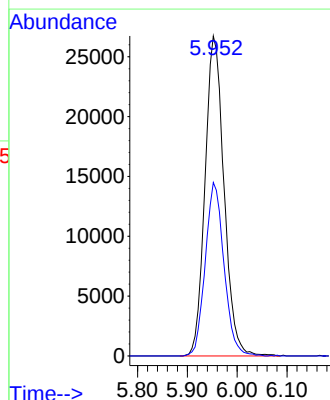
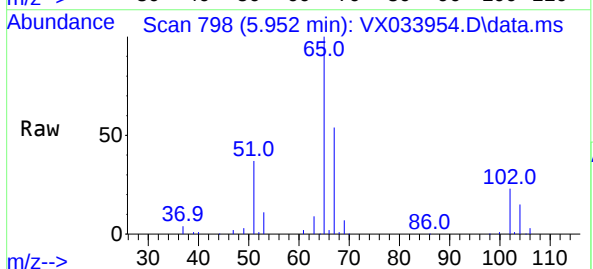
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-BORING-2-0-7-GRAB-7

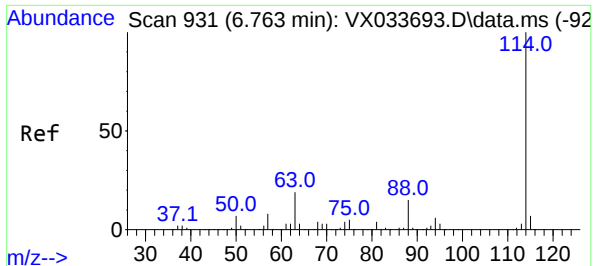
Tgt Ion:168 Resp: 152988
Ion Ratio Lower Upper
168 100
99 44.7 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 43.889 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 65 Resp: 70697
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033954.D

Acq: 30 Jan 2023 18:23

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-BORING-2-0-7-GRAB-7

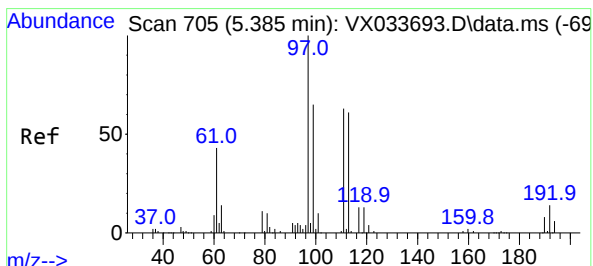
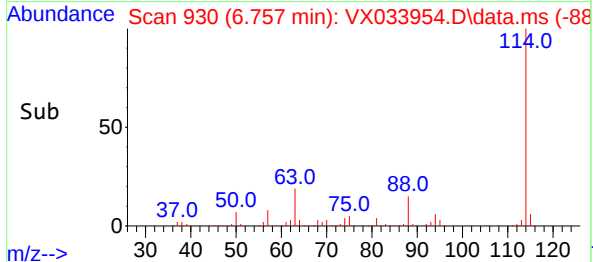
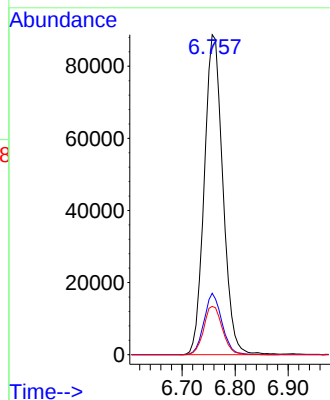
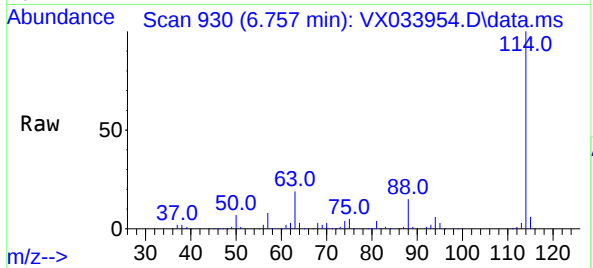
Tgt Ion:114 Resp: 215904

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.826 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033954.D

Acq: 30 Jan 2023 18:23

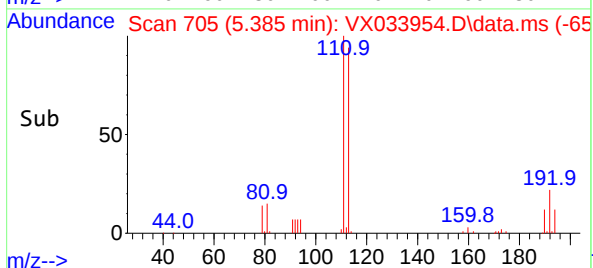
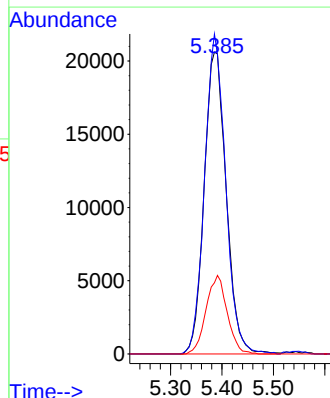
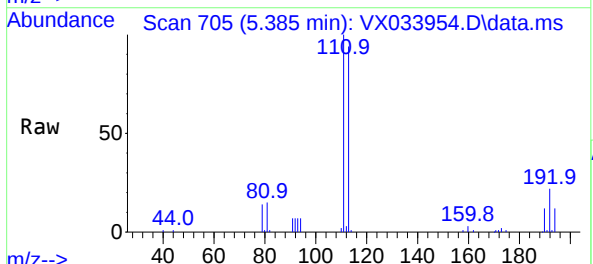
Tgt Ion:113 Resp: 61437

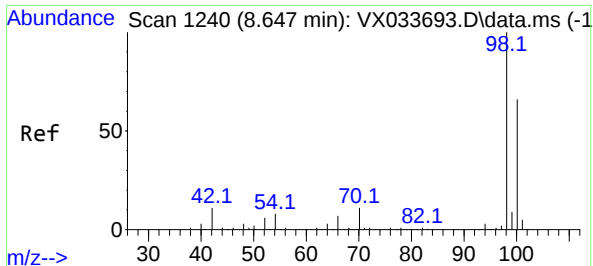
Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

192 24.9 19.0 28.4

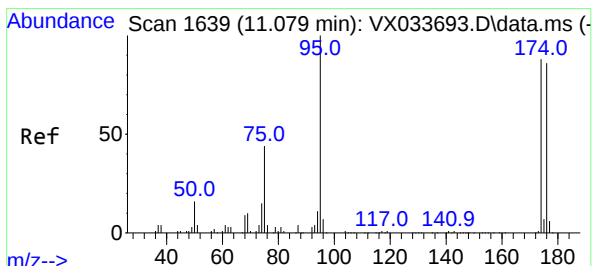
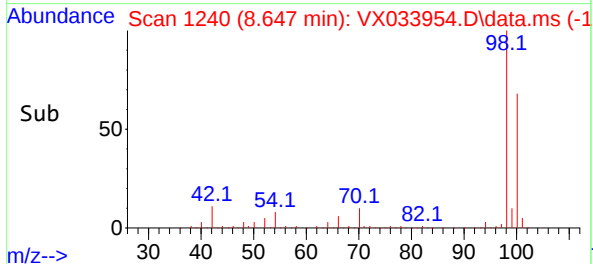
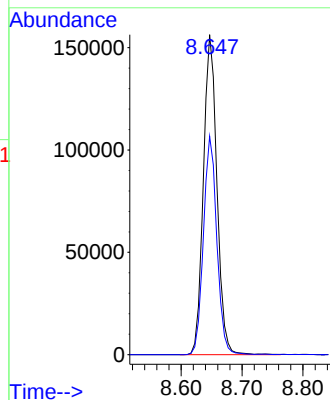
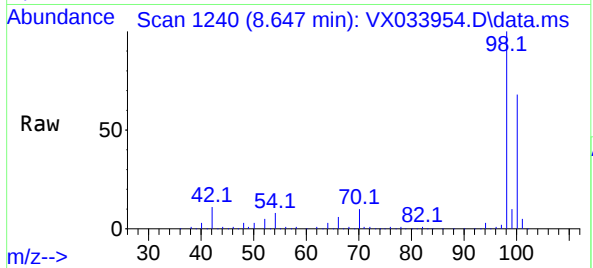




#50
Toluene-d8
Concen: 49.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

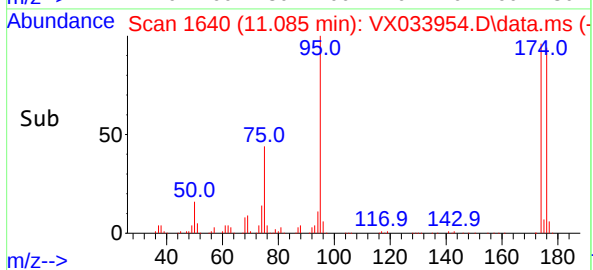
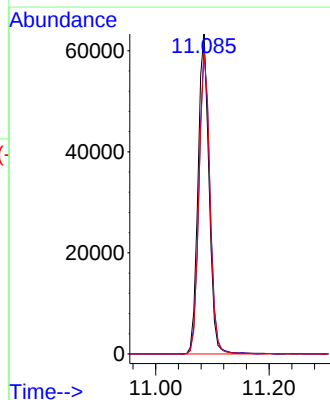
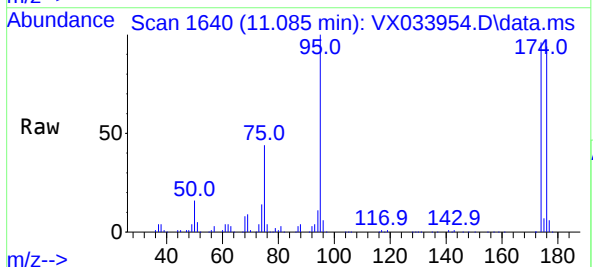
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-BORING-2-0-7-GRAB-7

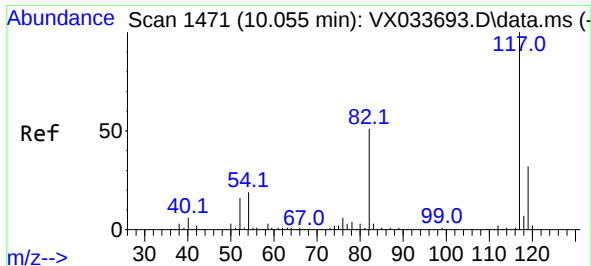
Tgt Ion: 98 Resp: 241852
Ion Ratio Lower Upper
98 100
100 67.5 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 46.934 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion: 95 Resp: 85120
Ion Ratio Lower Upper
95 100
174 95.0 0.0 184.4
176 93.5 0.0 178.8

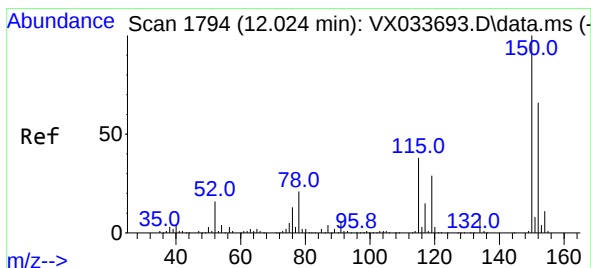
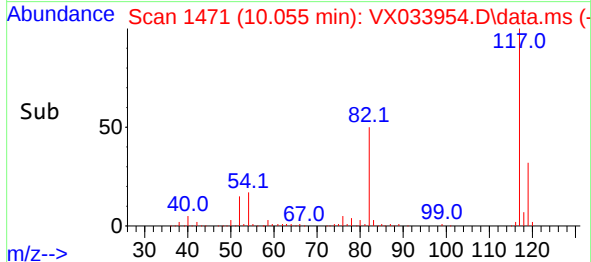
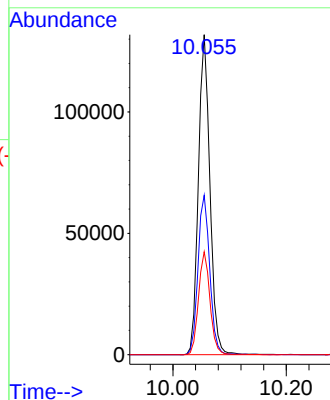
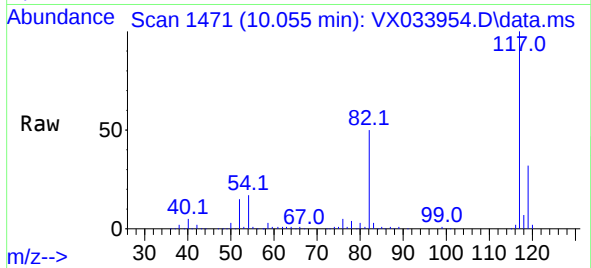




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Instrument : MSVOA_X
ClientSampleId : TOTAL-VOC-BORING-2-0-7-GRAB-7

Tgt Ion:117 Resp: 186139
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033954.D
Acq: 30 Jan 2023 18:23

Tgt Ion:152 Resp: 95135
Ion Ratio Lower Upper
152 100
115 53.0 38.7 116.1
150 157.2 0.0 348.2

