

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013023\
 Data File : VX033952.D
 Acq On : 30 Jan 2023 17:37
 Operator : JC/MD
 Sample : 01328-15
 Misc : 12.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOTAL-VOC-BORING-1-14-23-GRAB-8

Quant Time: Jan 31 04:50:27 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	147214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	210417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69158	44.617	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.240%
35) Dibromofluoromethane	5.385	113	61405	46.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	240655	50.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.100%
62) 4-Bromofluorobenzene	11.085	95	81080	45.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.740%

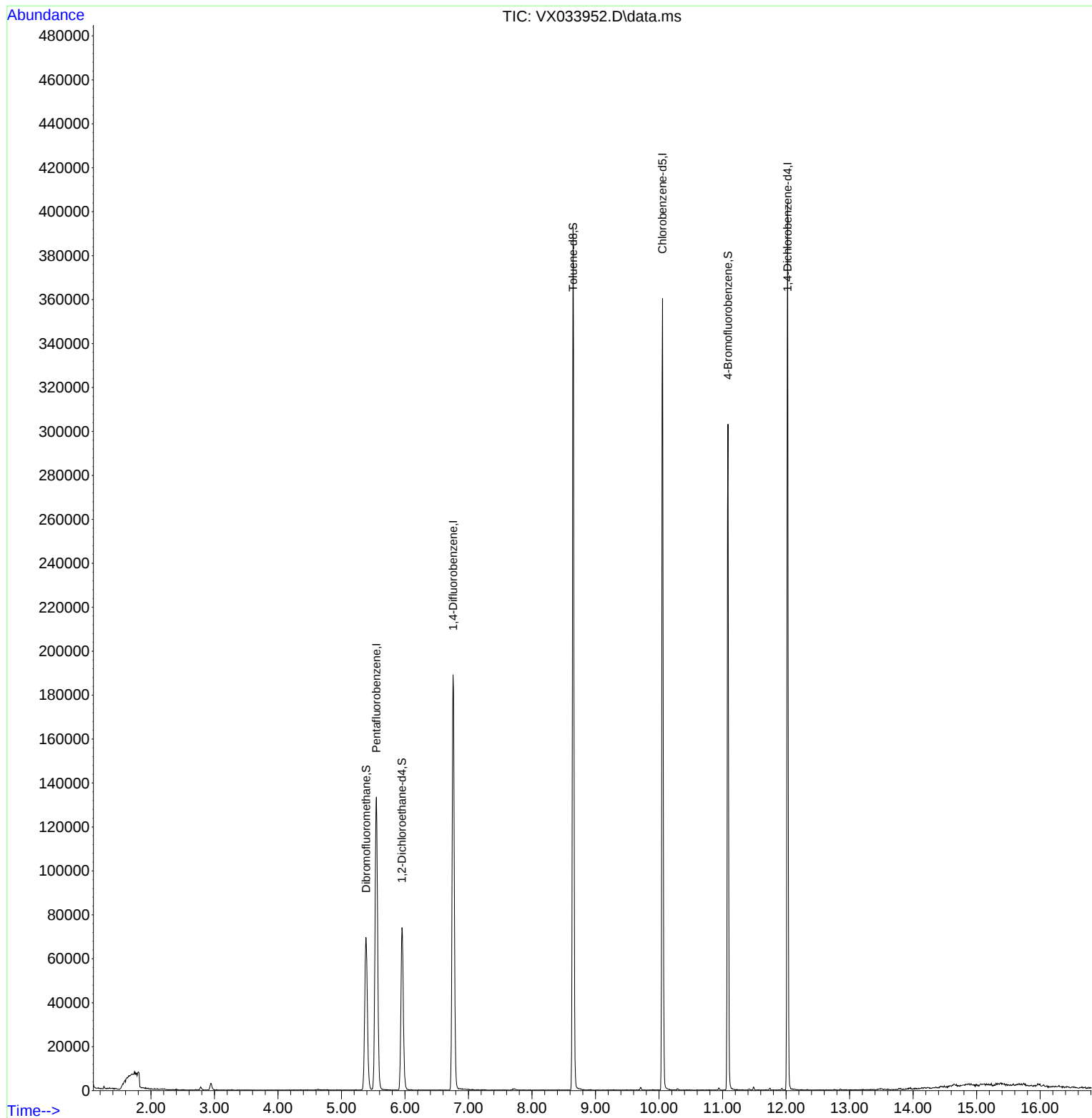
Target Compounds	Qvalue

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

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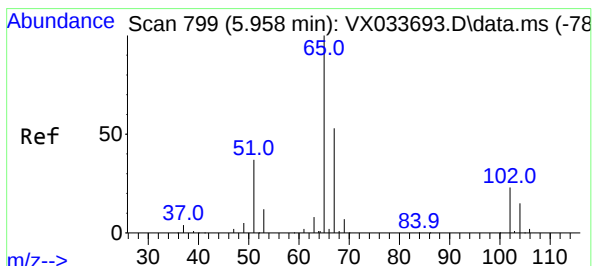
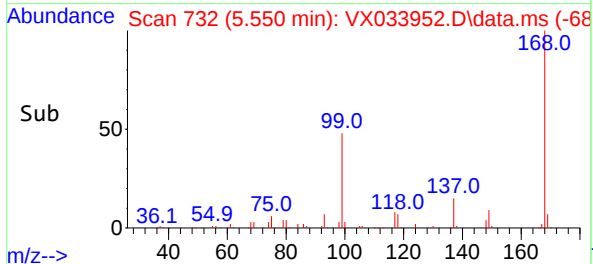
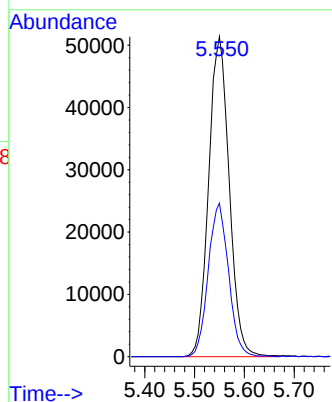
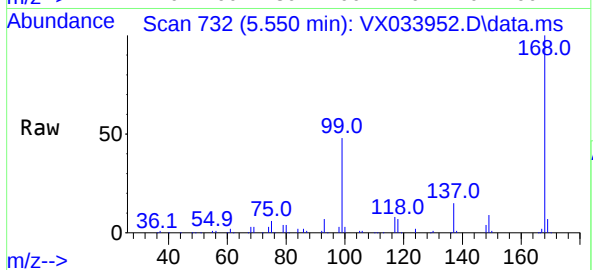




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

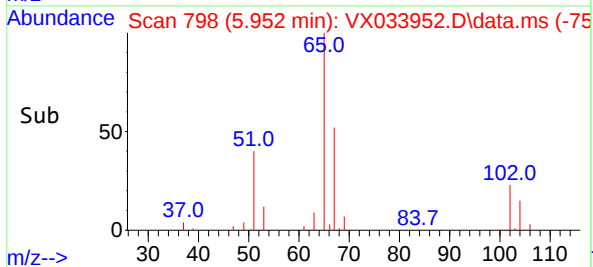
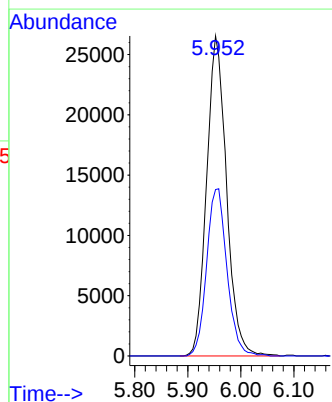
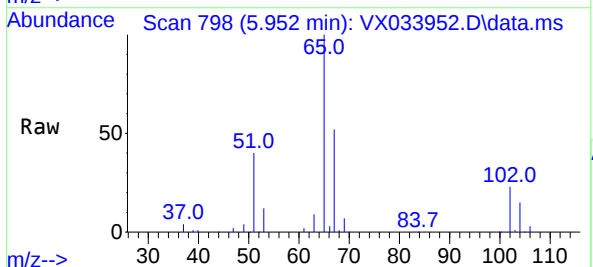
Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-BORING-1-14-23-GRAB-8

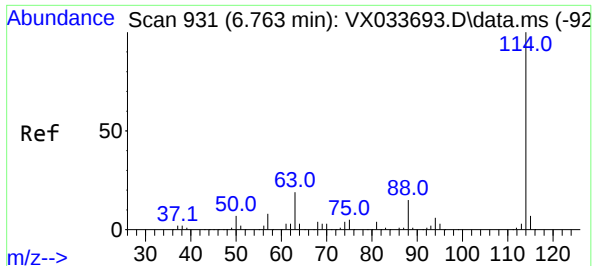
Tgt Ion:168 Resp: 147214
Ion Ratio Lower Upper
168 100
99 48.0 39.6 59.4



#33
1,2-Dichloroethane-d4
Concen: 44.617 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 65 Resp: 69158
Ion Ratio Lower Upper
65 100
67 53.4 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: VX033952.D

Acq: 30 Jan 2023 17:37

Instrument :

MSVOA_X

ClientSampleId :

TOTAL-VOC-BORING-1-14-23-GRAB-8

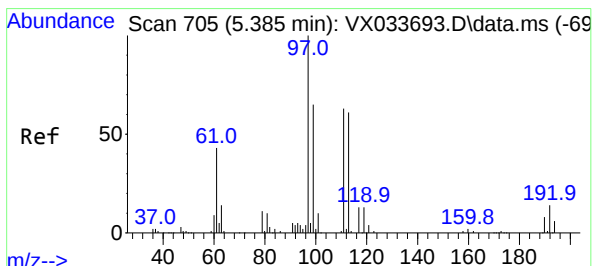
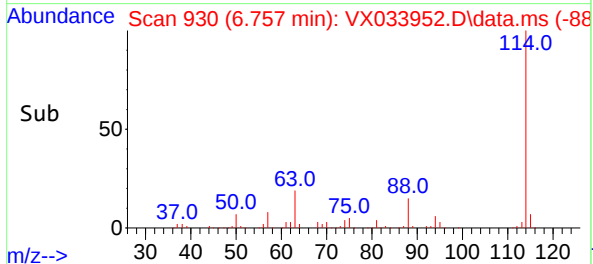
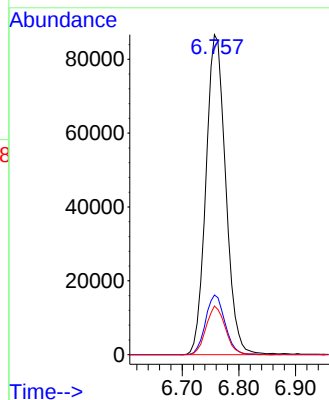
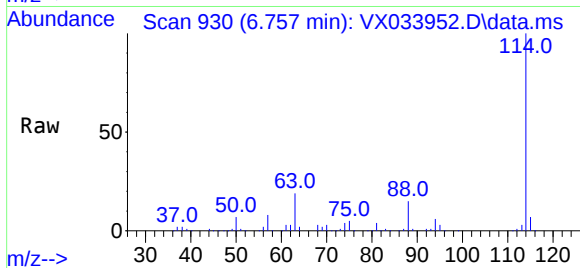
Tgt Ion:114 Resp: 210417

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.997 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033952.D

Acq: 30 Jan 2023 17:37

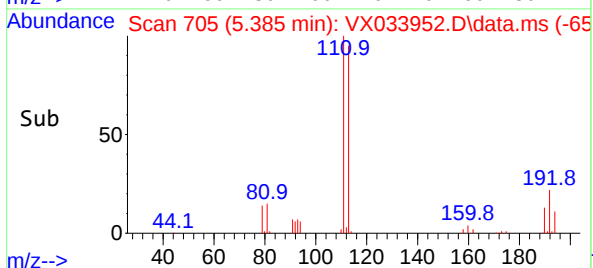
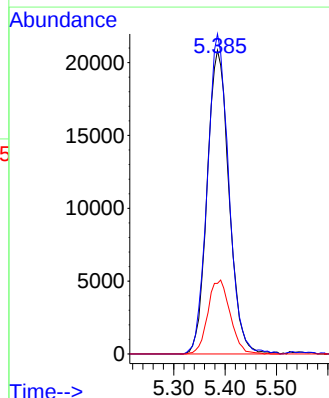
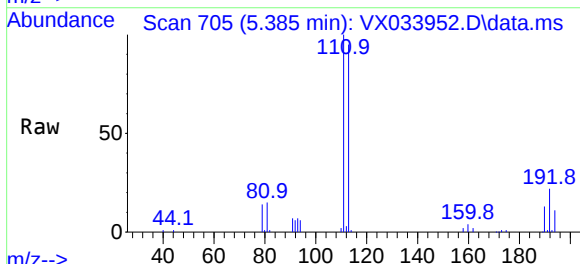
Tgt Ion:113 Resp: 61405

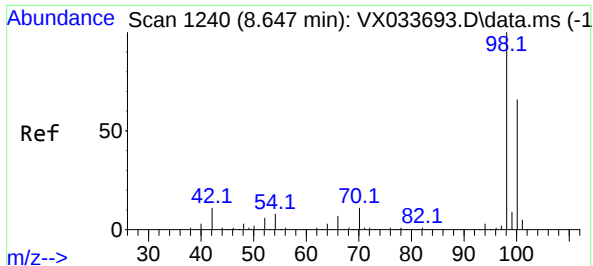
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.6

192 24.9 19.0 28.4

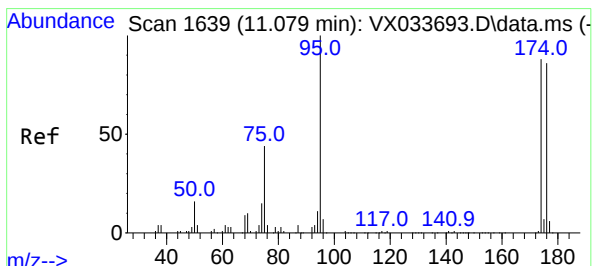
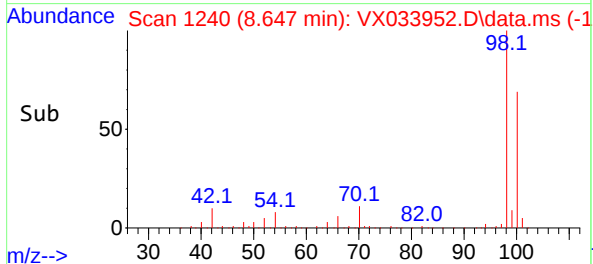
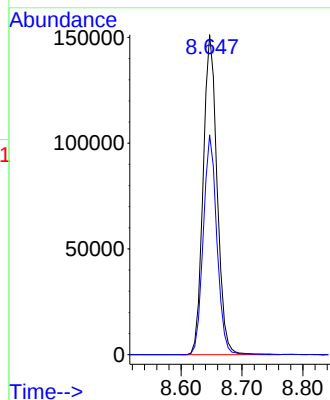
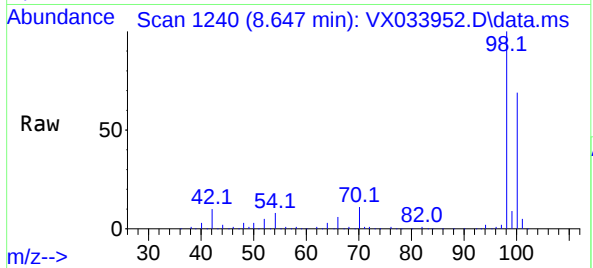




#50
Toluene-d8
Concen: 50.552 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

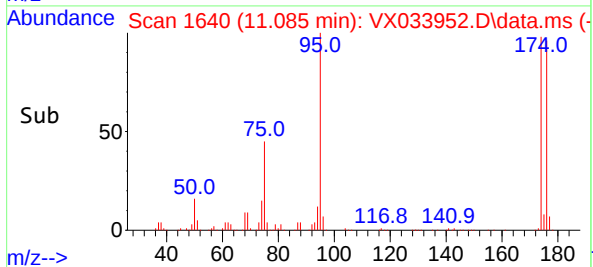
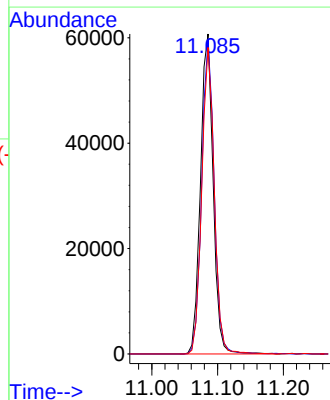
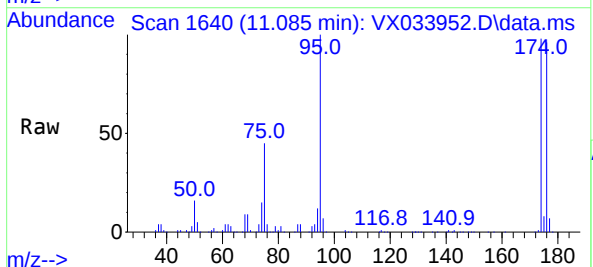
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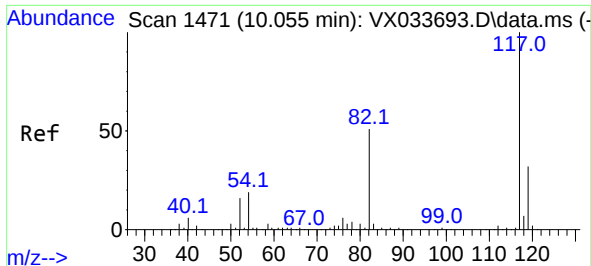
Tgt Ion: 98 Resp: 240655
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4



#62
4-Bromofluorobenzene
Concen: 45.873 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion: 95 Resp: 81080
Ion Ratio Lower Upper
95 100
174 96.5 0.0 184.4
176 94.7 0.0 178.8

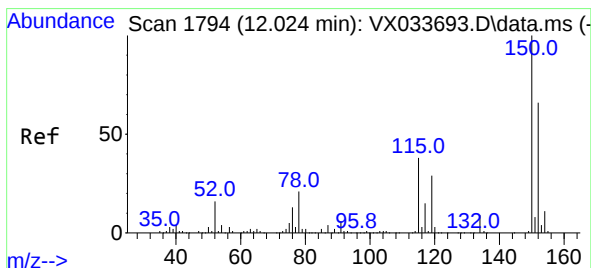
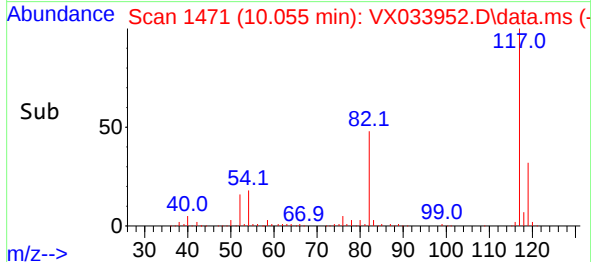
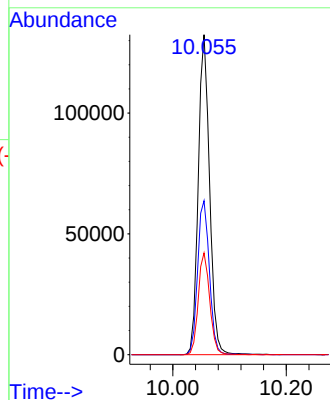
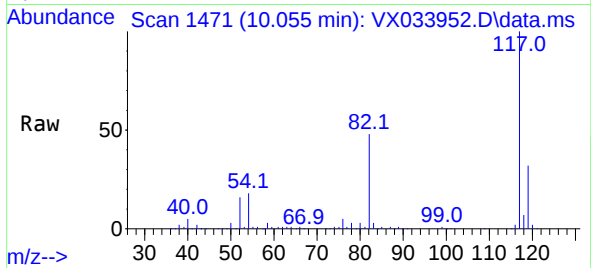




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033952.D
Acq: 30 Jan 2023 17:37

Instrument :
MSVOA_X
ClientSampleId :
TOTAL-VOC-BORING-1-14-23-GRAB-8

Tgt Ion:117 Resp: 183376
Ion Ratio Lower Upper
117 100
82 48.1 40.6 60.8
119 31.8 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: VX033952.D
Acq: 30 Jan 2023 17:37

Tgt Ion:152 Resp: 91810
Ion Ratio Lower Upper
152 100
115 52.6 38.7 116.1
150 157.1 0.0 348.2

