

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027633.D
 Acq On : 22 Mar 2022 23:46
 Operator : JC/MD
 Sample : VX0322WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBL02

Quant Time: Mar 23 03:58:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	332515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215256	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195793	47.798	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.600%
35) Dibromofluoromethane	5.391	113	177928	51.356	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.720%
50) Toluene-d8	8.653	98	636386	48.540	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	213552	44.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.640%

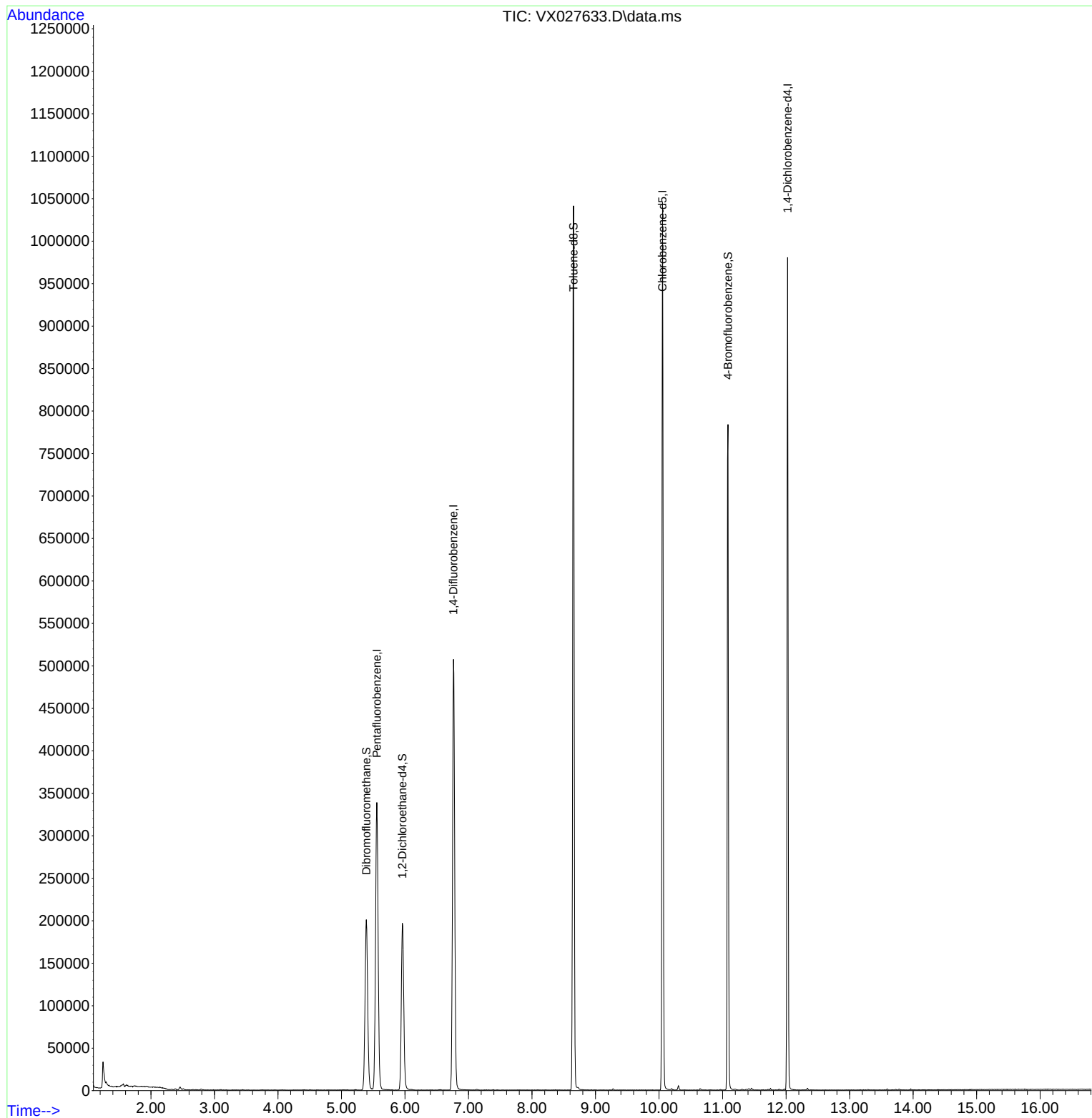
Target Compounds	Qvalue

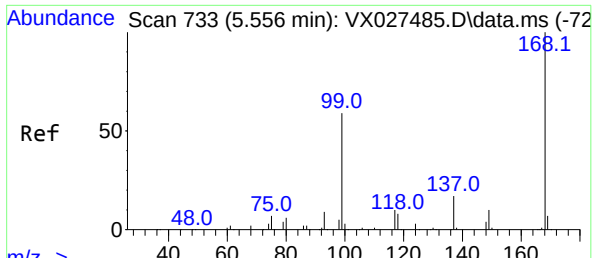
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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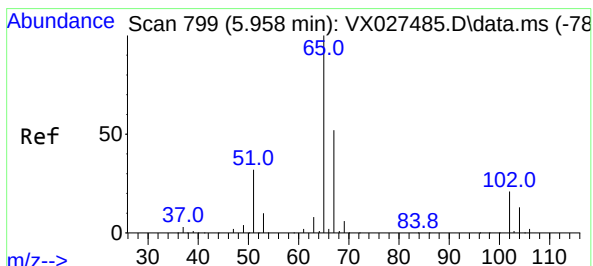
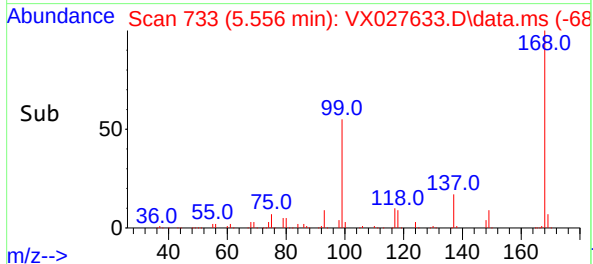
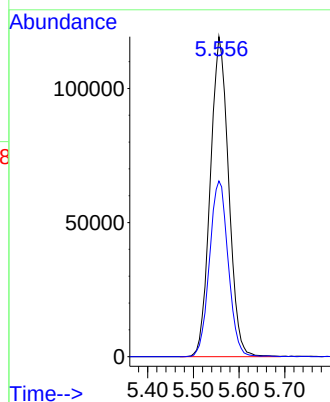
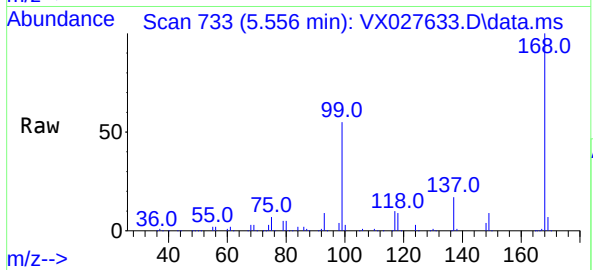




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

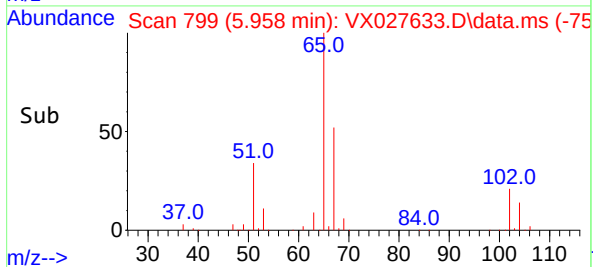
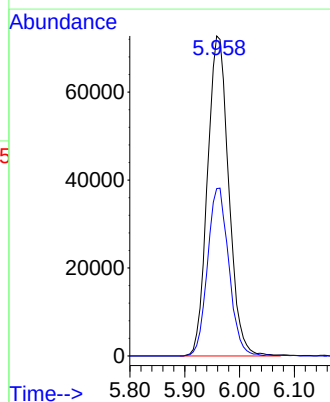
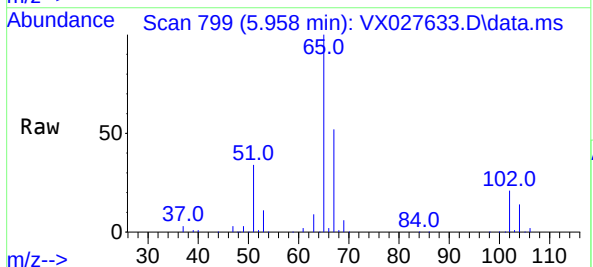
Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL02

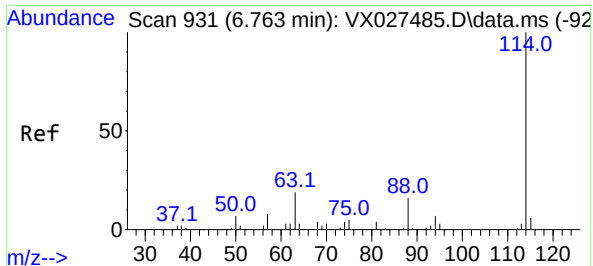
Tgt Ion:168 Resp: 332515
Ion Ratio Lower Upper
168 100
99 54.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 47.798 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

Tgt Ion: 65 Resp: 195793
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027633.D

Acq: 22 Mar 2022 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0322WBL02

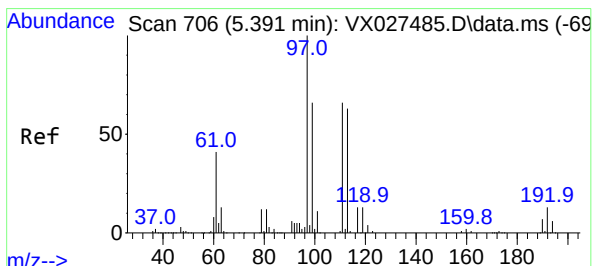
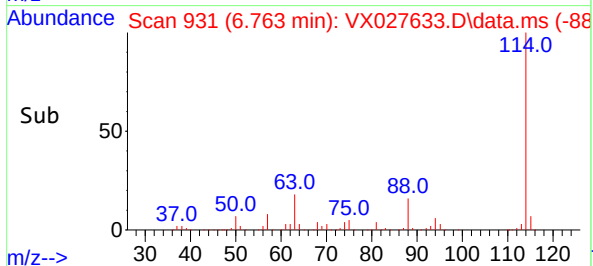
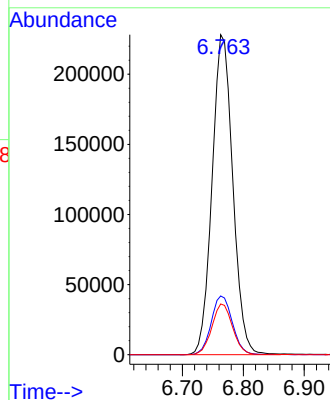
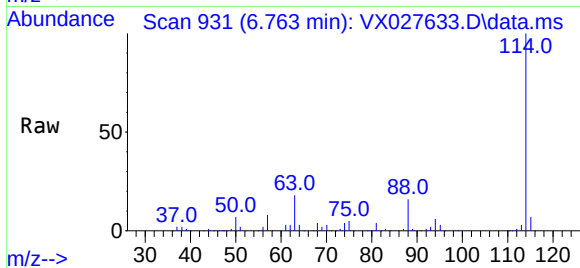
Tgt Ion:114 Resp: 538500

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 51.356 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027633.D

Acq: 22 Mar 2022 23:46

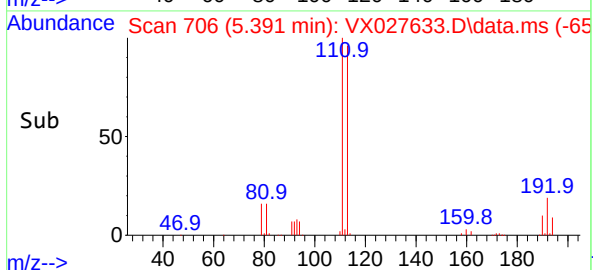
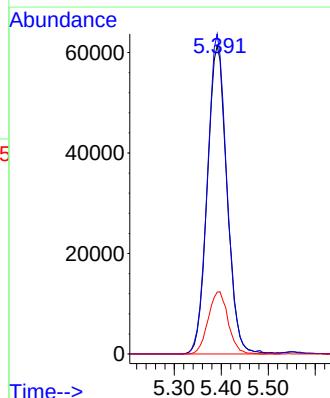
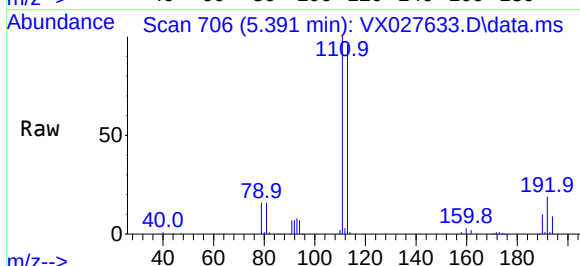
Tgt Ion:113 Resp: 177928

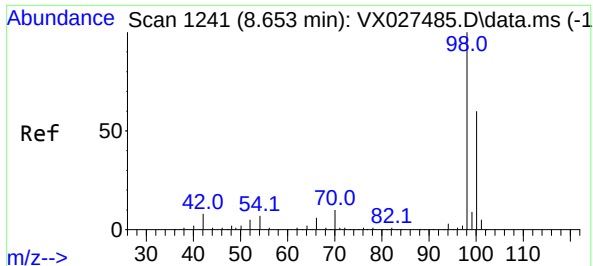
Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 20.4 16.9 25.3

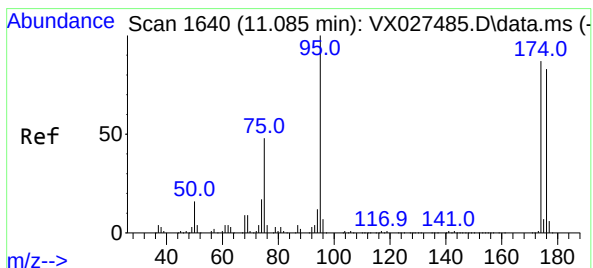
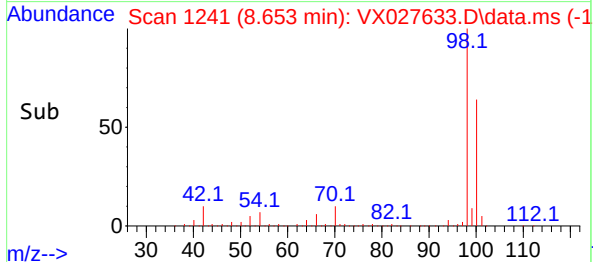
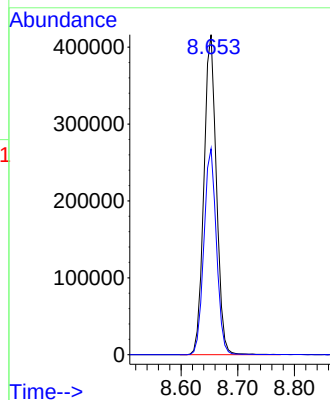
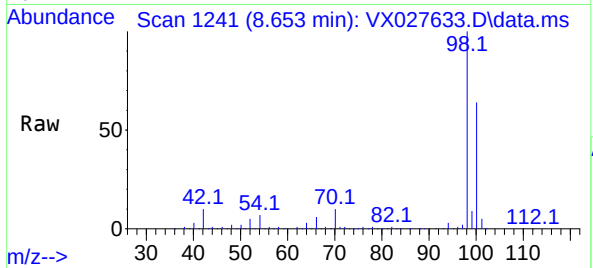




#50
Toluene-d8
Concen: 48.540 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

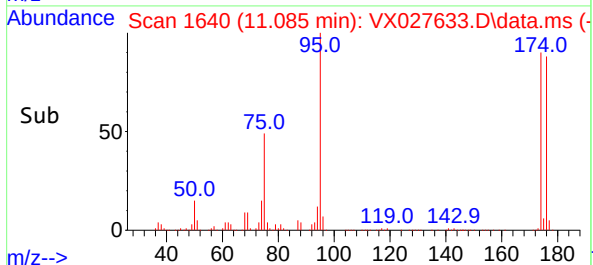
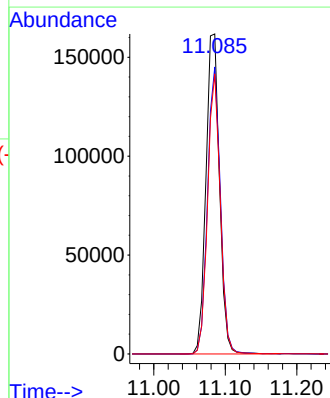
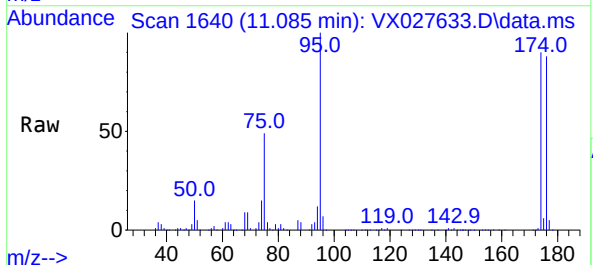
Instrument :
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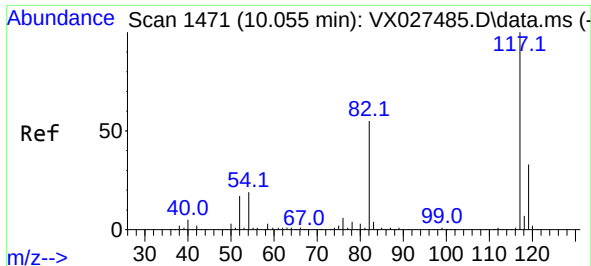
Tgt Ion: 98 Resp: 636386
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.316 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

Tgt Ion: 95 Resp: 213552
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 81.8 0.0 155.0

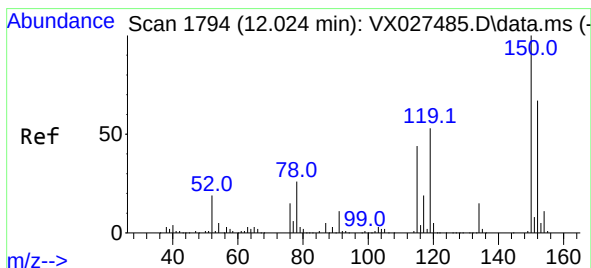
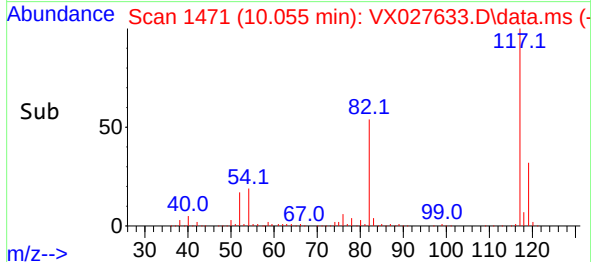
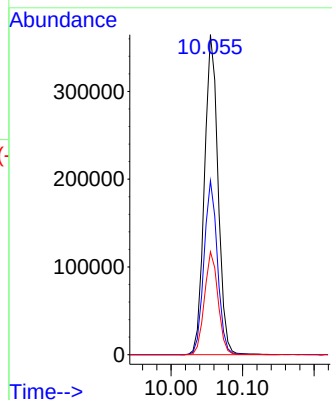
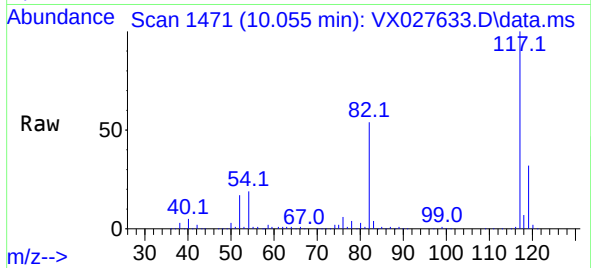




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0322WBL02

Tgt Ion:117 Resp: 482768
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027633.D
Acq: 22 Mar 2022 23:46

Tgt Ion:152 Resp: 215256
Ion Ratio Lower Upper
152 100
115 57.9 37.5 112.7
150 154.8 0.0 338.2

