

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027667.D
 Acq On : 23 Mar 2022 15:03
 Operator : JC/MD
 Sample : N2028-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP031822

Quant Time: Mar 23 16:10:19 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)

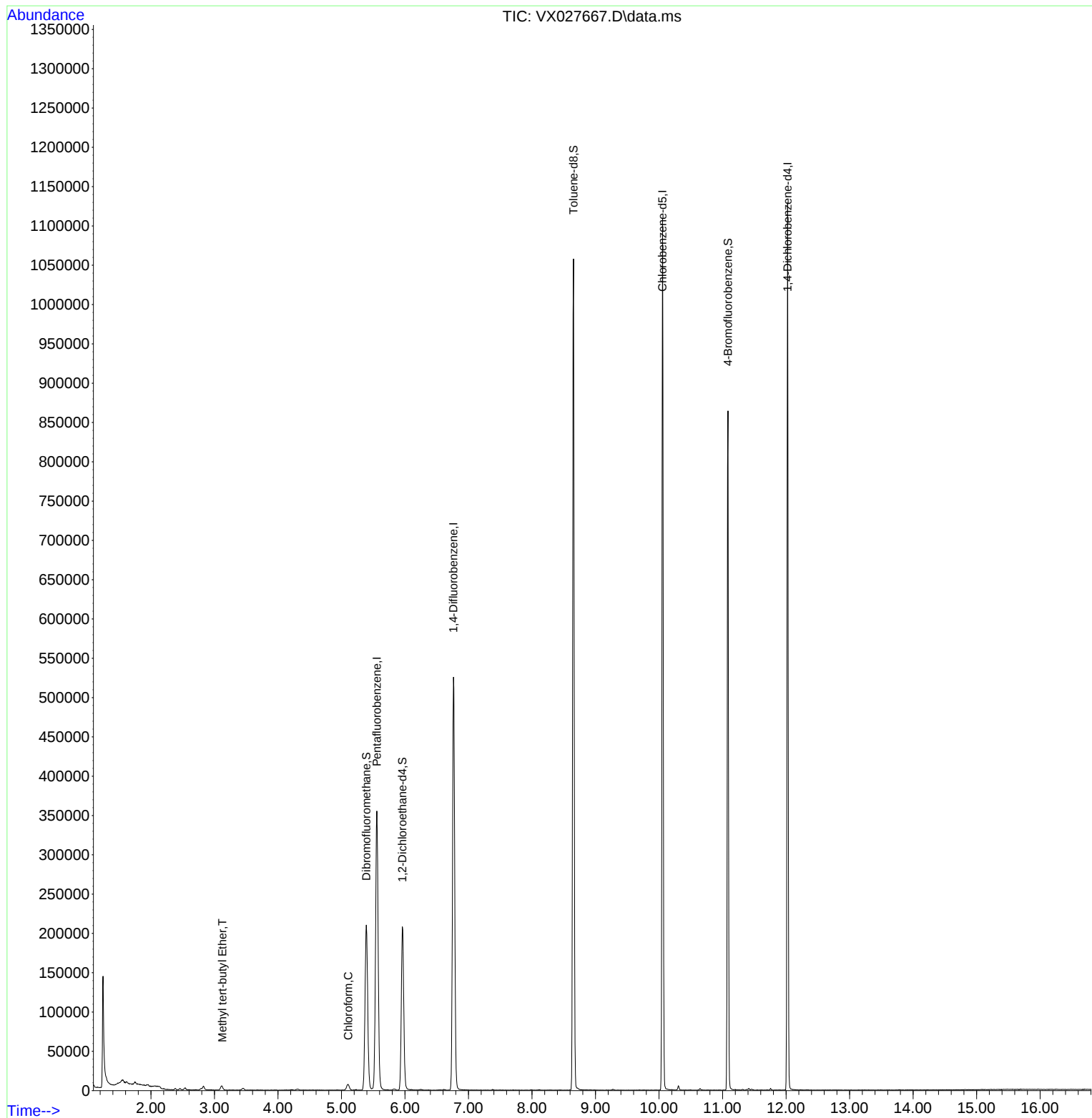
Internal Standards						
1) Pentafluorobenzene	5.556	168	348409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	508943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206173	48.036	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.080%
35) Dibromofluoromethane	5.391	113	186494	50.963	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.920%
50) Toluene-d8	8.653	98	662762	47.861	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.085	95	234290	46.031	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.060%
Target Compounds						
19) Methyl tert-butyl Ether	3.123	73	4556	0.417	ug/l #	70
30) Chloroform	5.105	83	9160	1.381	ug/l	94

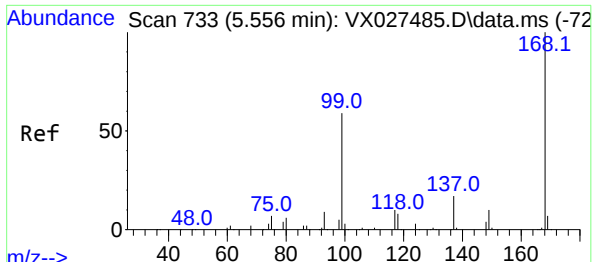
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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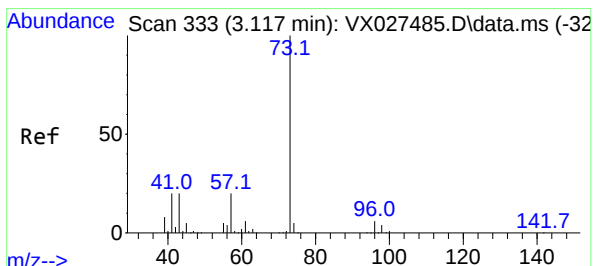
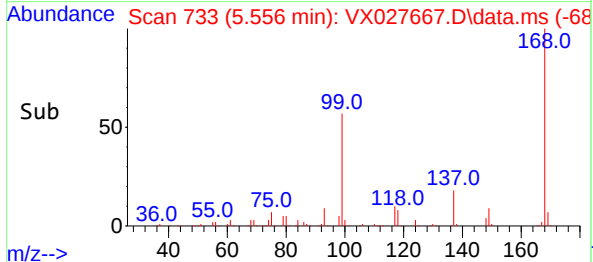
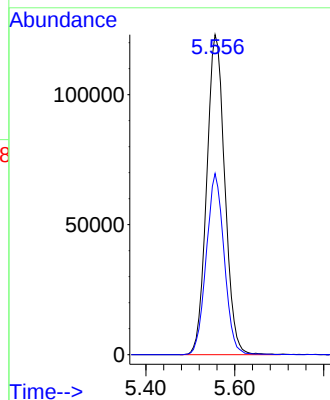
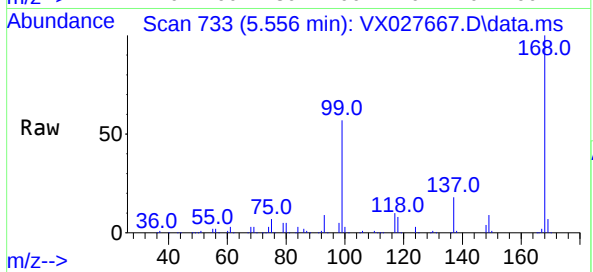




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

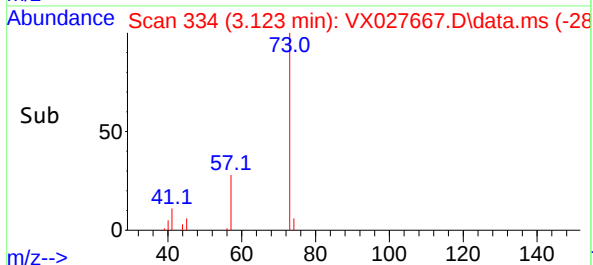
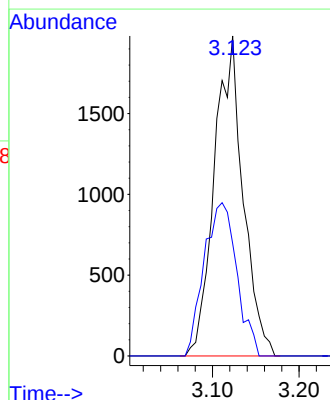
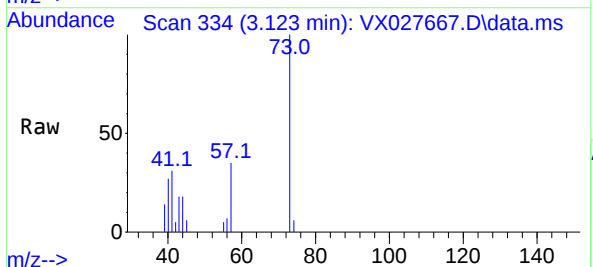
Instrument :
MSVOA_X
ClientSampleId :
DUP031822

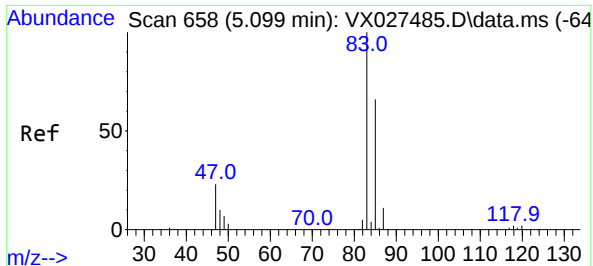
Tgt Ion:168 Resp: 348409
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#19
Methyl tert-butyl Ether
Concen: 0.417 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

Tgt Ion: 73 Resp: 4556
Ion Ratio Lower Upper
73 100
57 35.1 16.8 25.2#





#30

Chloroform

Concen: 1.381 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027667.D

Acq: 23 Mar 2022 15:03

Instrument :

MSVOA_X

ClientSampleId :

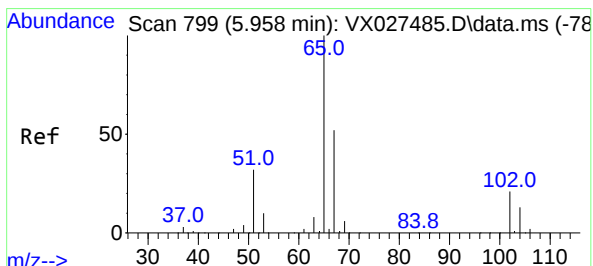
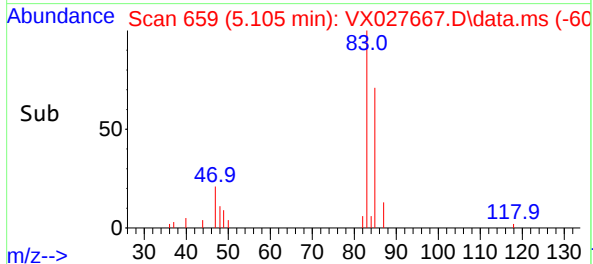
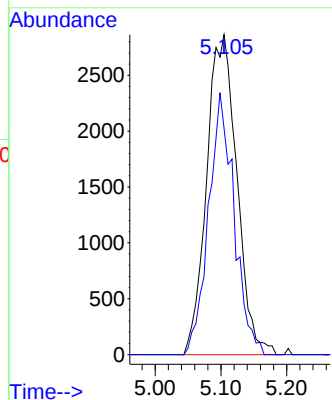
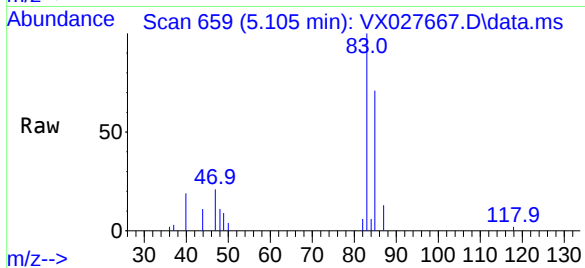
DUP031822

Tgt Ion: 83 Resp: 9160

Ion Ratio Lower Upper

83 100

85 70.8 52.7 79.1



#33

1,2-Dichloroethane-d4

Concen: 48.036 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027667.D

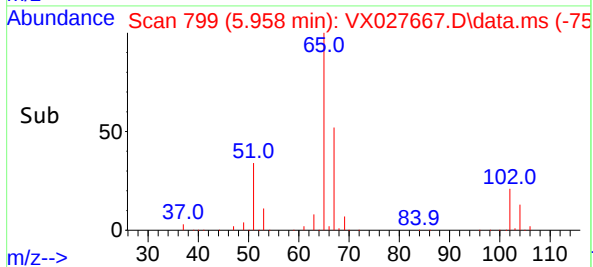
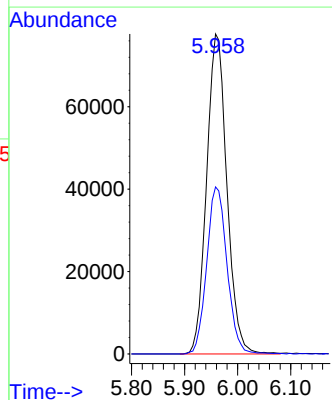
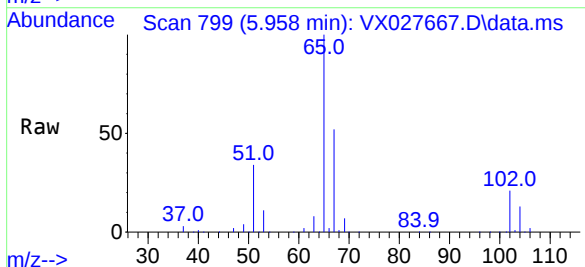
Acq: 23 Mar 2022 15:03

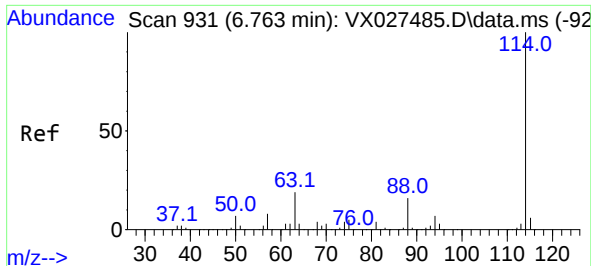
Tgt Ion: 65 Resp: 206173

Ion Ratio Lower Upper

65 100

67 52.3 0.0 107.4

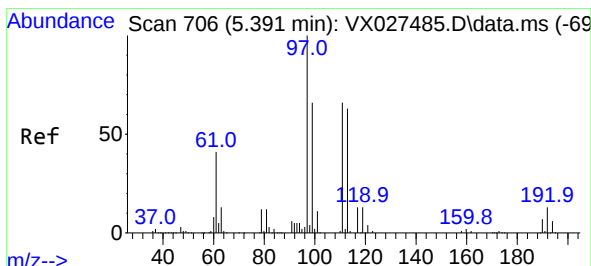
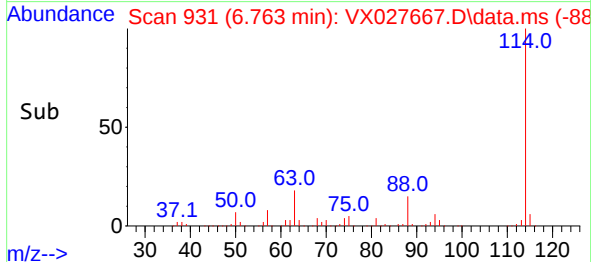
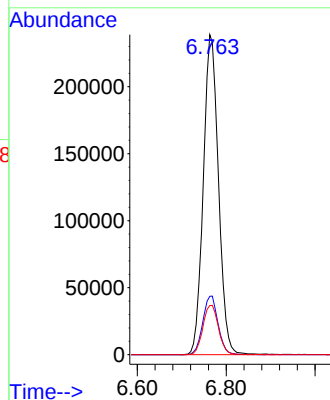
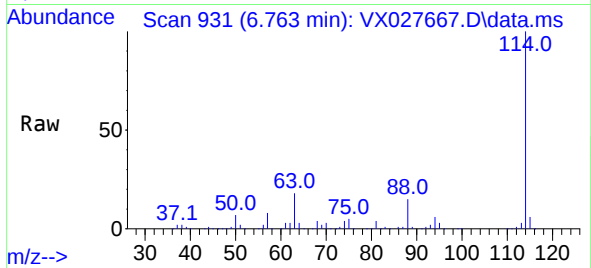




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

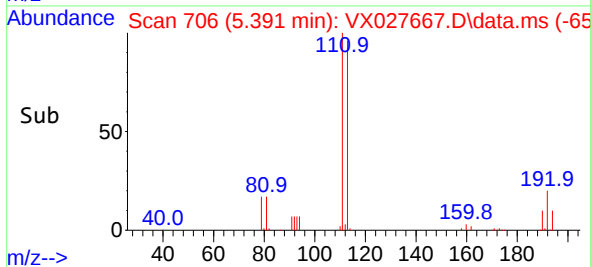
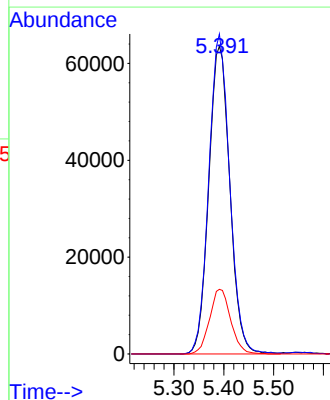
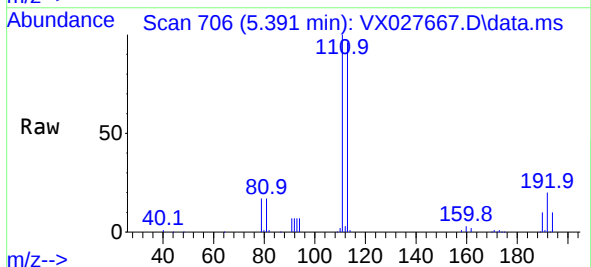
Instrument :
MSVOA_X
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DUP031822

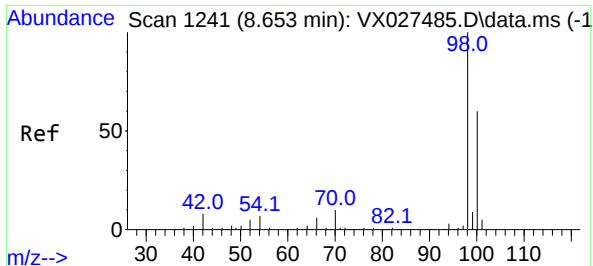
Tgt Ion:114 Resp: 568781
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 15.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.963 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

Tgt Ion:113 Resp: 186494
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 21.0 16.9 25.3

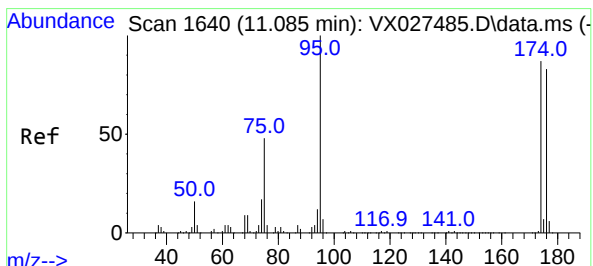
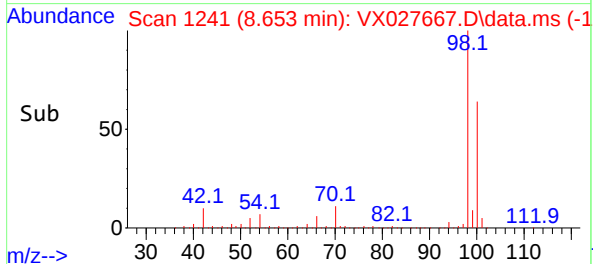
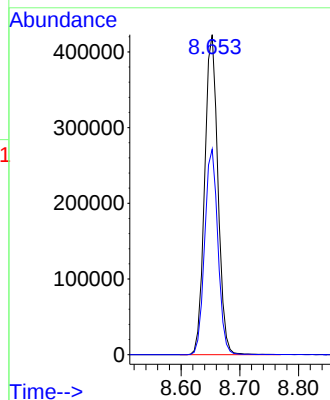
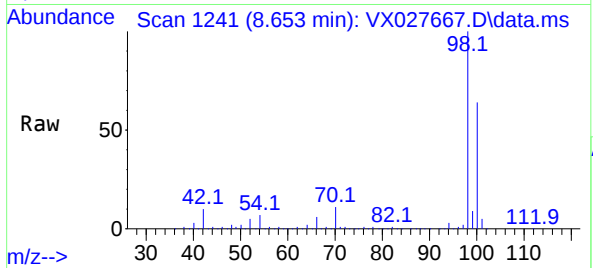




#50
Toluene-d8
Concen: 47.861 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

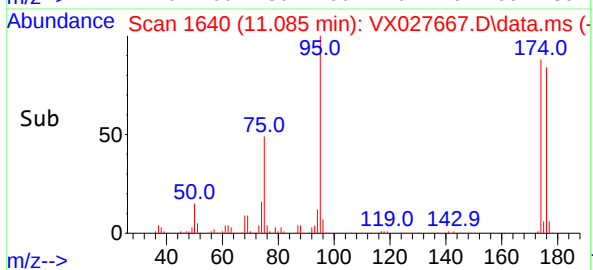
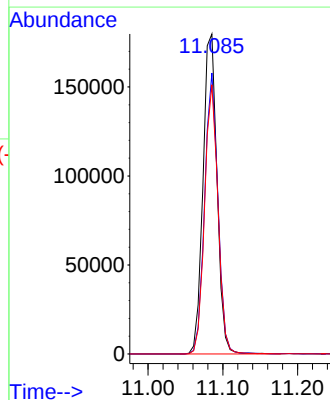
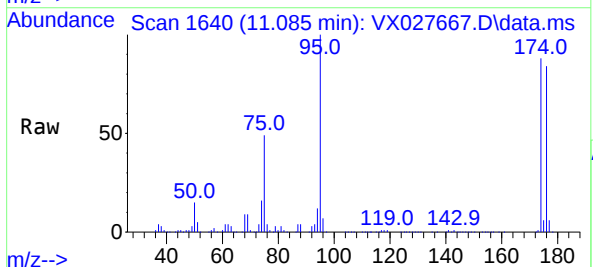
Instrument :
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DUP031822

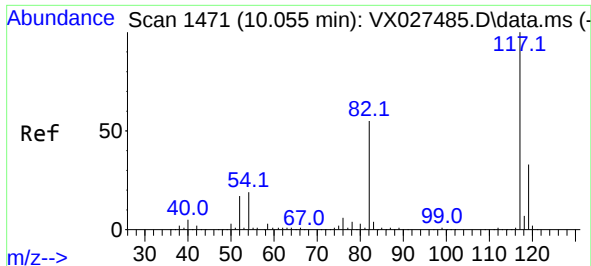
Tgt Ion: 98 Resp: 662762
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

Tgt Ion: 95 Resp: 234290
Ion Ratio Lower Upper
95 100
174 83.2 0.0 163.0
176 80.4 0.0 155.0

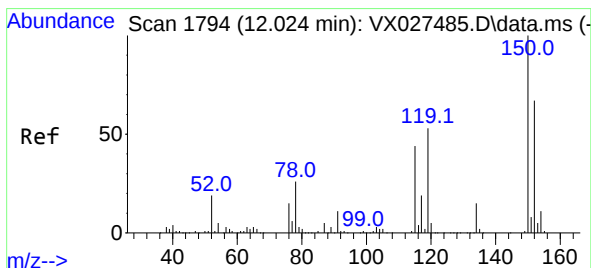
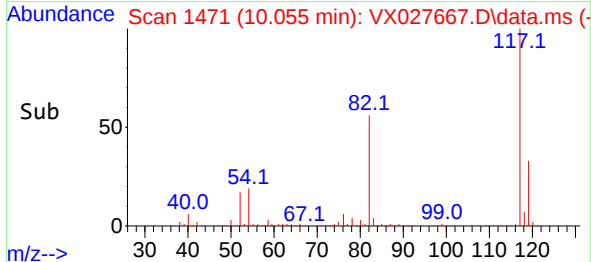
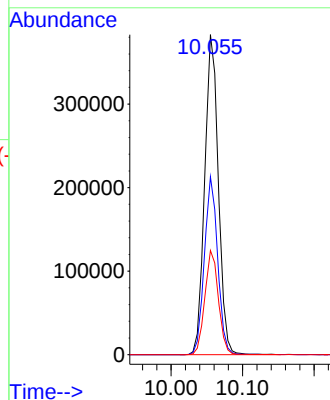
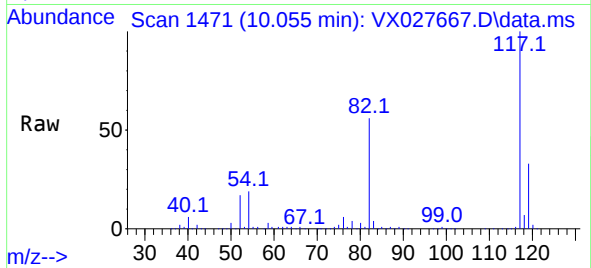




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027667.D
Acq: 23 Mar 2022 15:03

Instrument :
MSVOA_X
ClientSampleId :
DUP031822

Tgt Ion:117 Resp: 508943
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 32.5 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: VX027667.D
Acq: 23 Mar 2022 15:03

Tgt Ion:152 Resp: 233677
Ion Ratio Lower Upper
152 100
115 59.0 37.5 112.7
150 155.9 0.0 338.2

