

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073235.D
 Acq On : 29 Jun 2022 11:45
 Operator : JC\MD
 Sample : N3376-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 220615003-01-VOADL

Quant Time: Jun 30 06:58:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

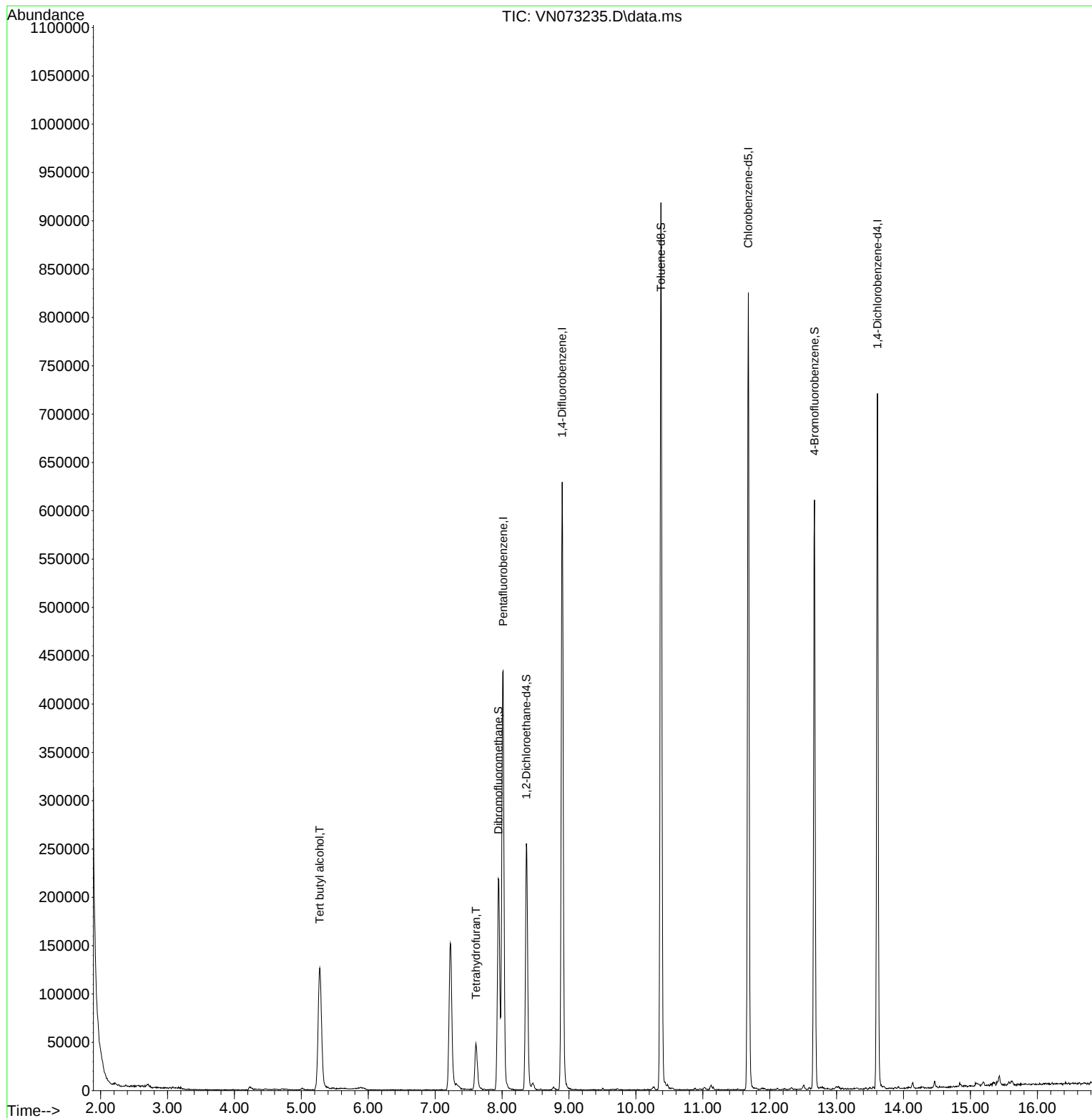
Internal Standards						
1) Pentafluorobenzene	8.016	168	333589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	553745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	458799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	183612	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	215483	44.746	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.500%		
35) Dibromofluoromethane	7.945	113	164415	44.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.260%		
50) Toluene-d8	10.375	98	619970	47.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.760%		
62) 4-Bromofluorobenzene	12.669	95	209842	41.731	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.460%		
Target Compounds						
11) Tert butyl alcohol	5.275	59	237856	203.891	ug/l	99
29) Tetrahydrofuran	7.610	42	40038	13.587	ug/l	88

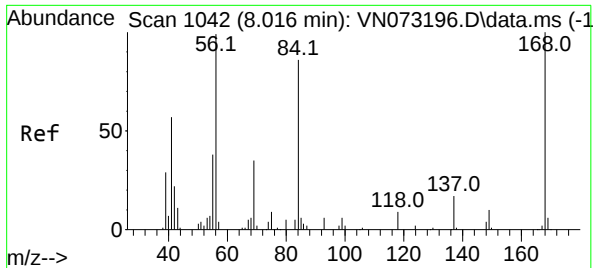
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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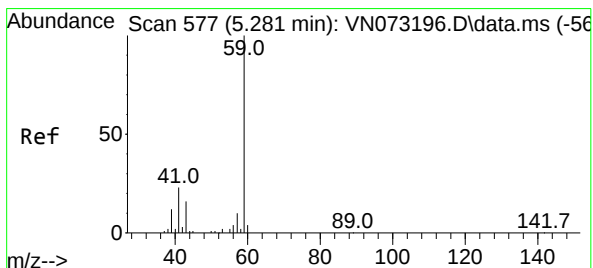
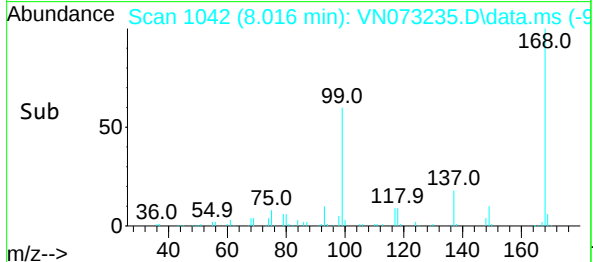
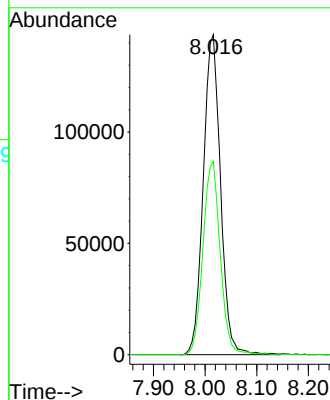
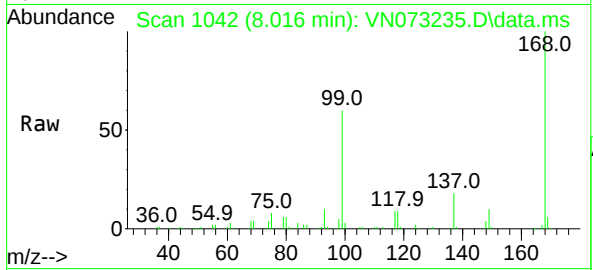




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

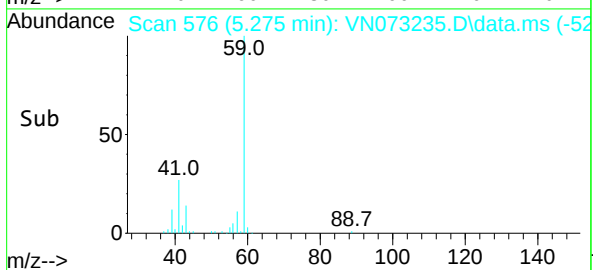
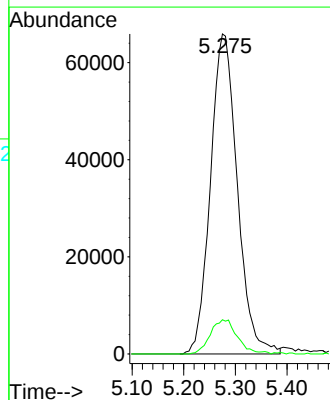
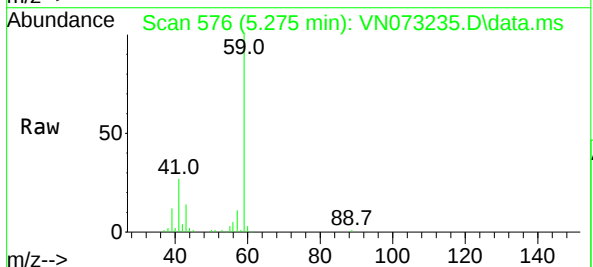
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOADL

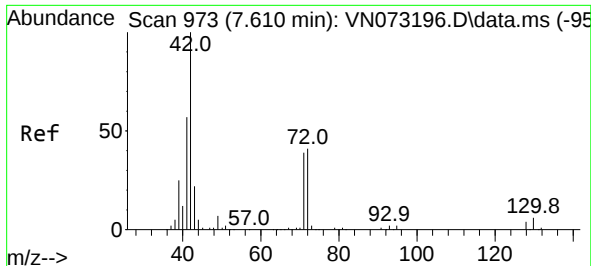
Tgt Ion:168 Resp: 333589
Ion Ratio Lower Upper
168 100
99 60.5 42.3 63.5



#11
Tert butyl alcohol
Concen: 203.891 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.006 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

Tgt Ion: 59 Resp: 237856
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

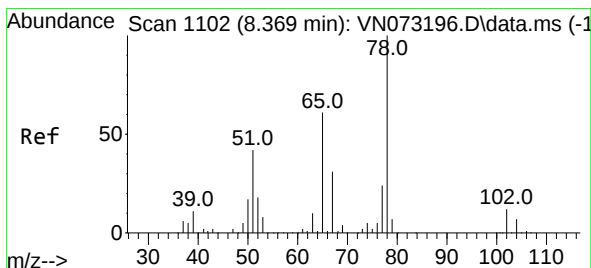
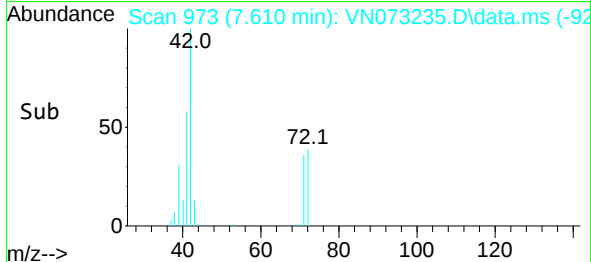
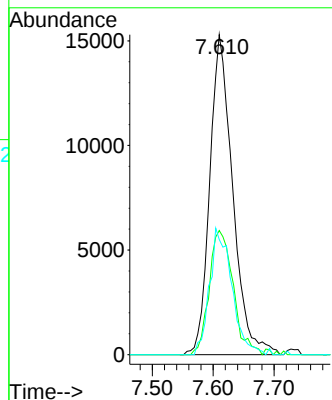
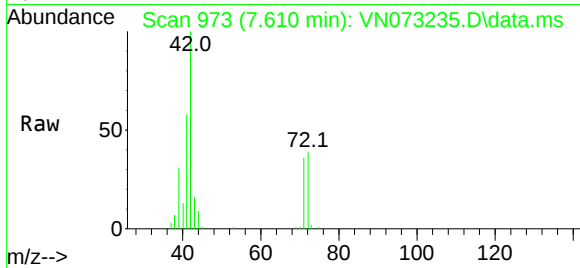




#29
Tetrahydrofuran
Concen: 13.587 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

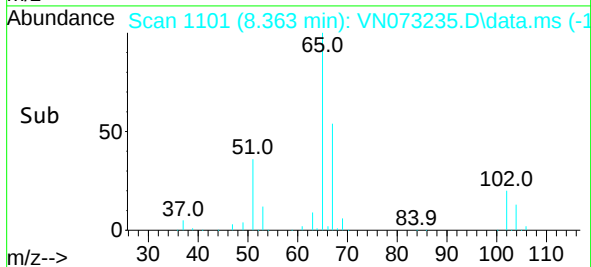
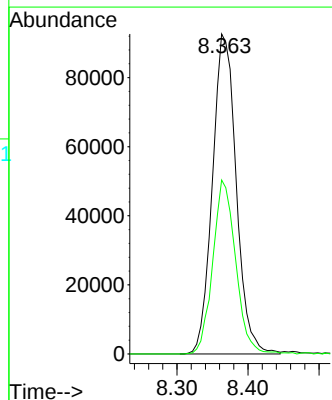
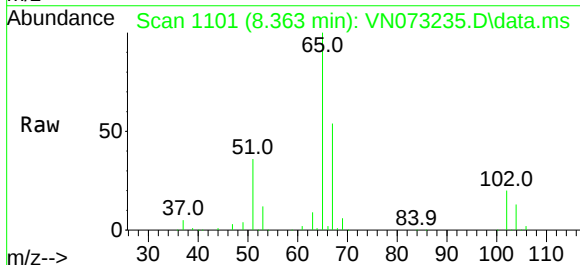
Instrument :
MSVOA_N
ClientSampleId :
220615003-01-VOADL

Tgt Ion: 42 Resp: 40038
Ion Ratio Lower Upper
42 100
72 40.5 39.7 59.5
71 38.4 36.6 55.0



#33
1,2-Dichloroethane-d4
Concen: 44.746 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

Tgt Ion: 65 Resp: 215483
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073235.D

Acq: 29 Jun 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

220615003-01-VOADL

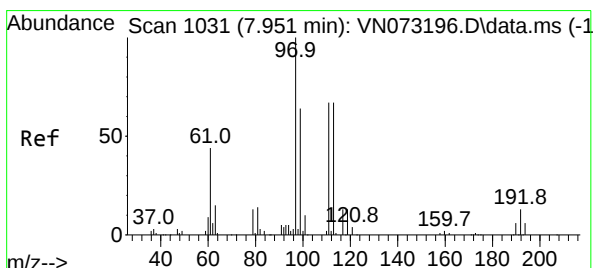
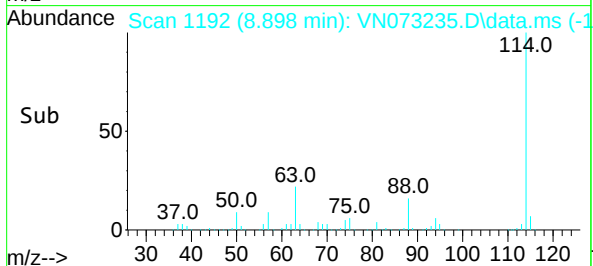
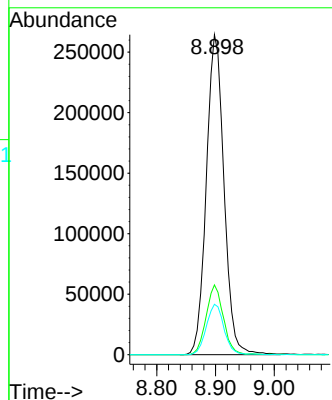
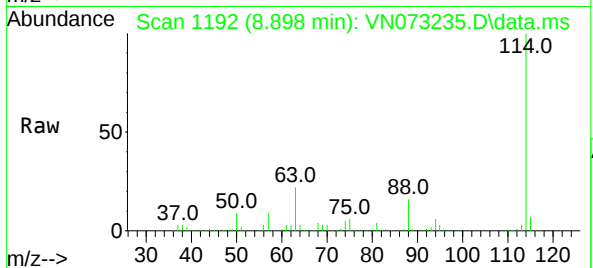
Tgt Ion:114 Resp: 553745

Ion Ratio Lower Upper

114 100

63 21.8 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 44.628 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073235.D

Acq: 29 Jun 2022 11:45

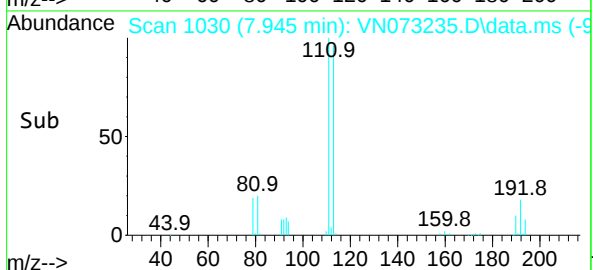
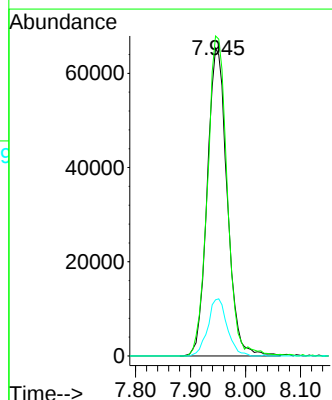
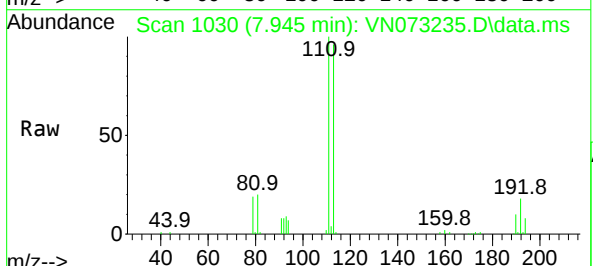
Tgt Ion:113 Resp: 164415

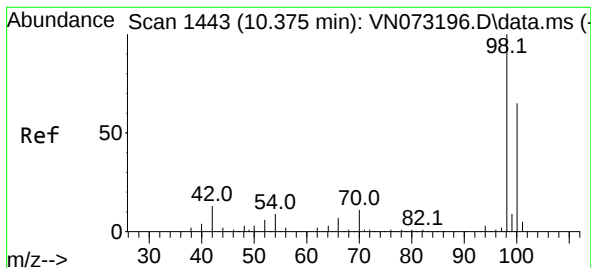
Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.0 17.0 25.6

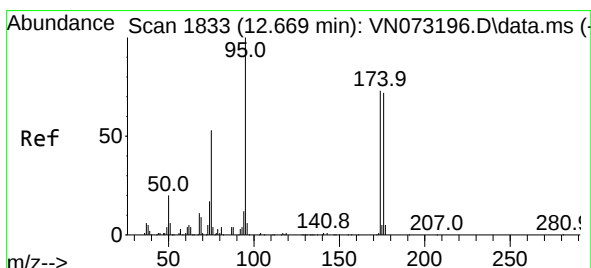
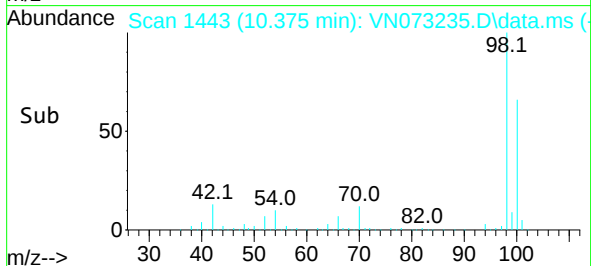
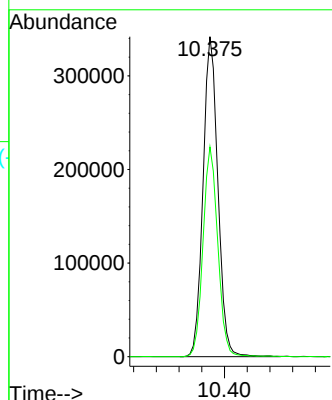
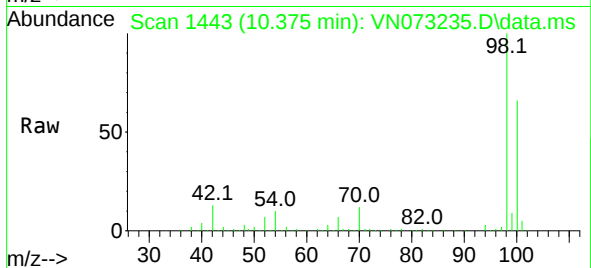




#50
Toluene-d8
Concen: 47.381 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

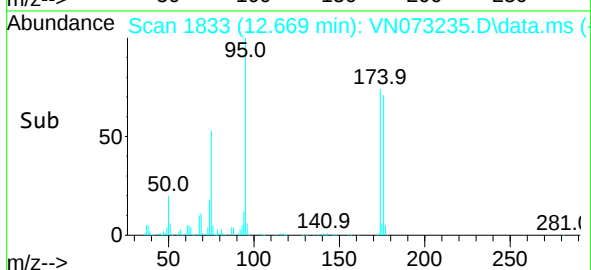
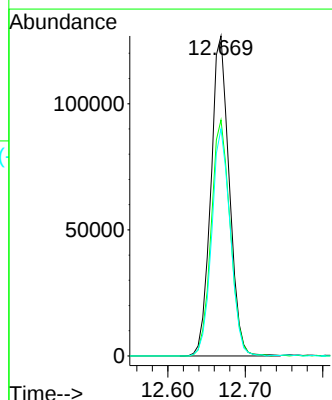
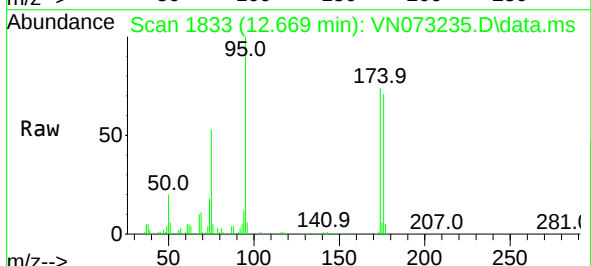
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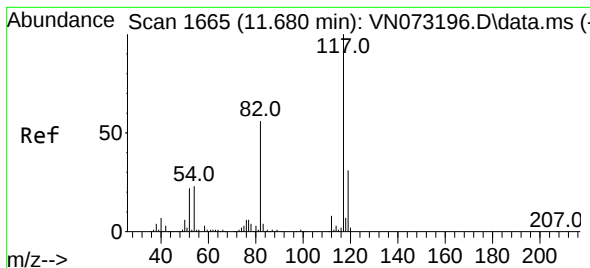
Tgt Ion: 98 Resp: 619970
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 41.731 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073235.D
Acq: 29 Jun 2022 11:45

Tgt Ion: 95 Resp: 209842
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 71.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073235.D

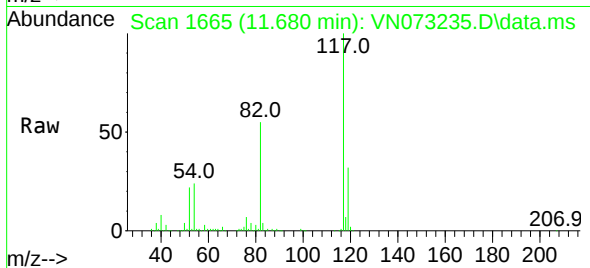
Acq: 29 Jun 2022 11:45

Instrument :

MSVOA_N

ClientSampleId :

220615003-01-VOADL



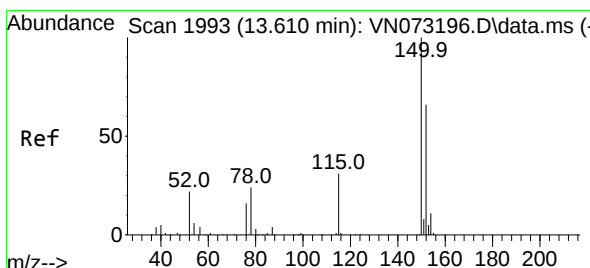
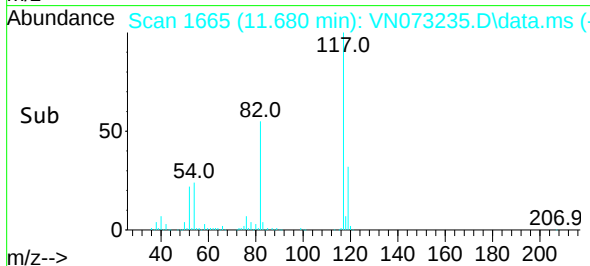
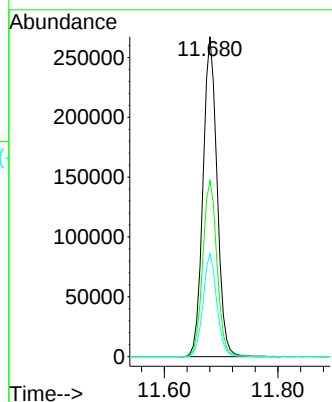
Tgt Ion:117 Resp: 458799

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN073235.D

Acq: 29 Jun 2022 11:45

Tgt Ion:152 Resp: 183612

Ion Ratio Lower Upper

152 100

115 61.9 28.9 86.7

150 157.3 0.0 356.2

