

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073422.D
 Acq On : 11 Jul 2022 16:19
 Operator : JC\MD
 Sample : N3651-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-6

Quant Time: Jul 12 07:28:19 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)

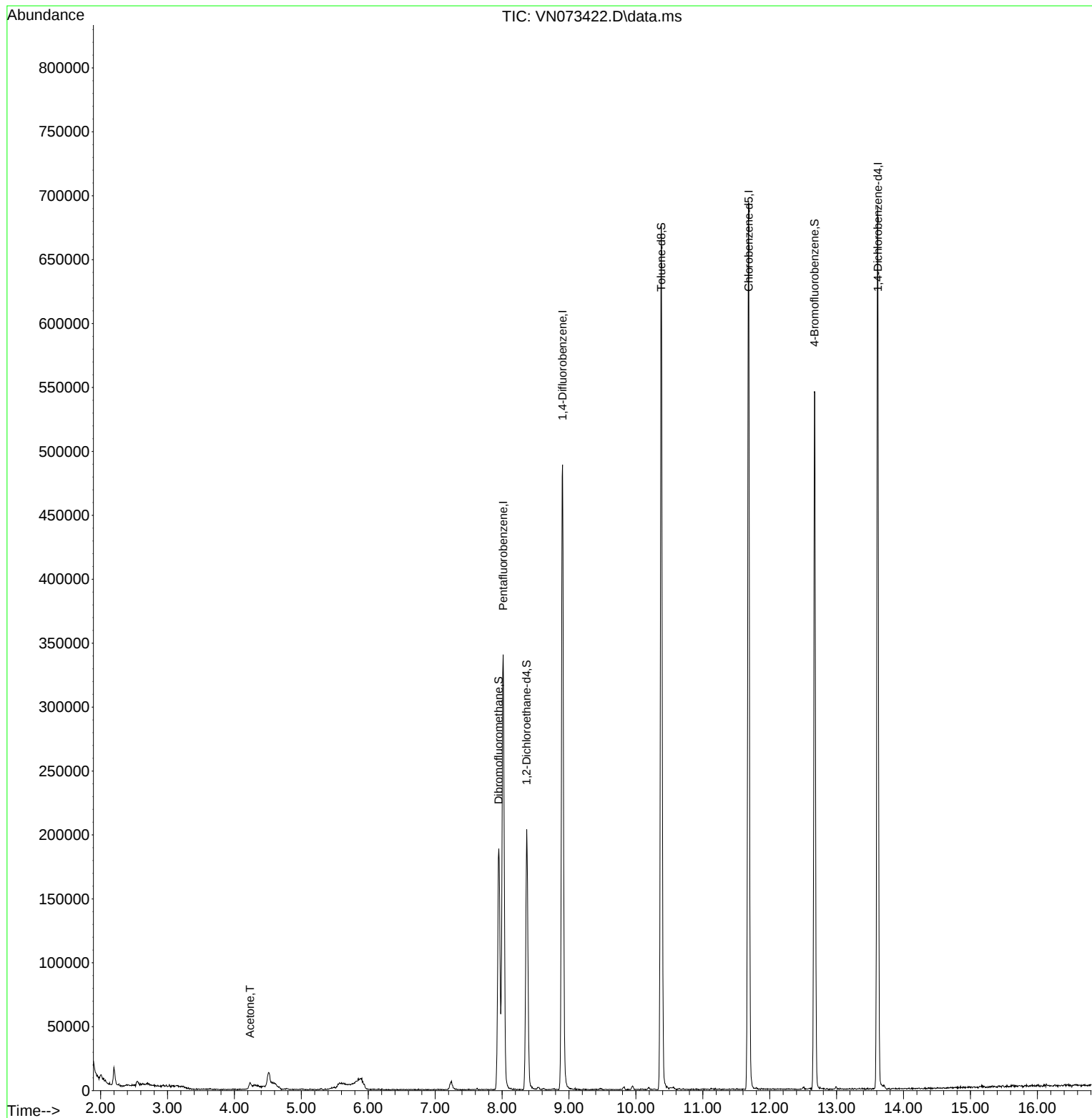
Internal Standards						
1) Pentafluorobenzene	8.016	168	254981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	430112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	394378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	185105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171843	46.685	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	7.951	113	140320	49.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.080%
50) Toluene-d8	10.380	98	453529	44.624	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.668	95	192927	49.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.800%
Target Compounds						
					Qvalue	
16) Acetone	4.234	43	9434	4.566	ug/l #	78

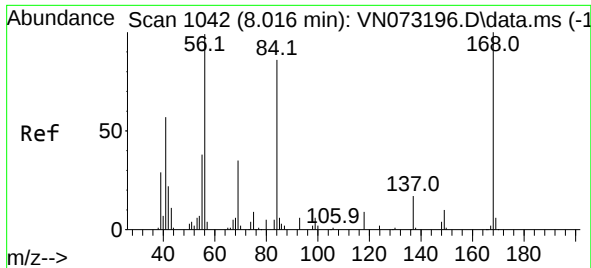
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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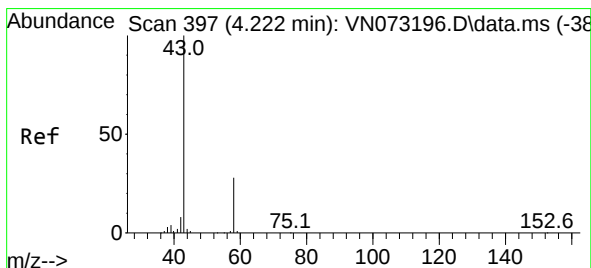
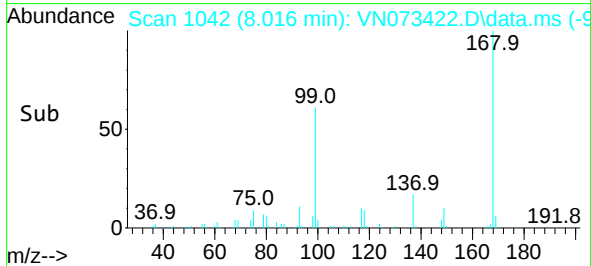
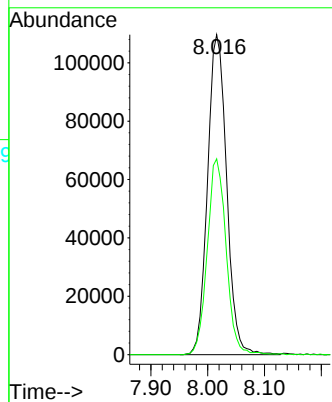
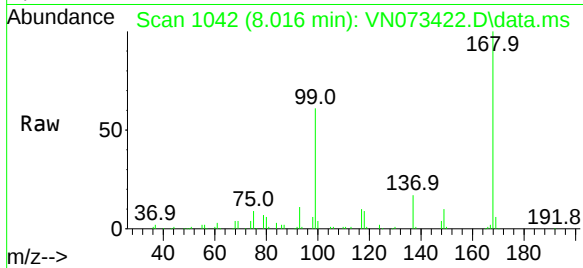




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

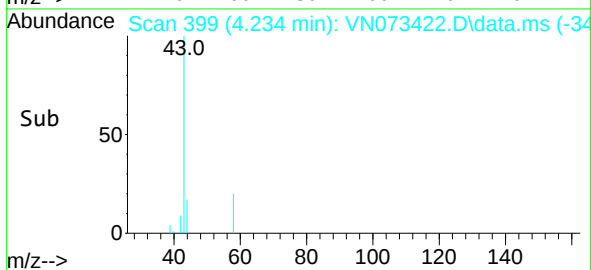
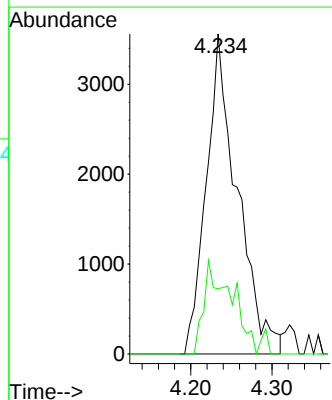
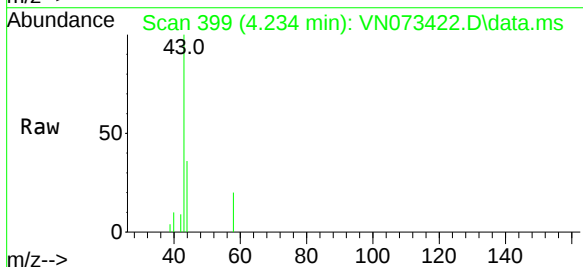
Instrument :
MSVOA_N
ClientSampleId :
SW-6

Tgt Ion:168 Resp: 254981
Ion Ratio Lower Upper
168 100
99 61.2 42.3 63.5



#16
Acetone
Concen: 4.566 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 43 Resp: 9434
Ion Ratio Lower Upper
43 100
58 20.4 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 46.685 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

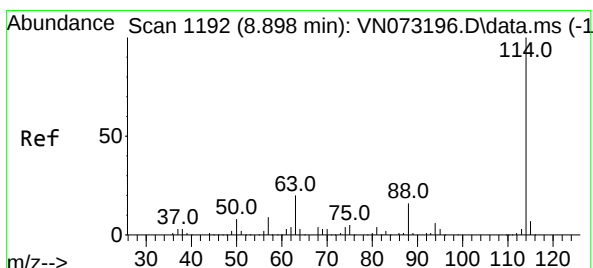
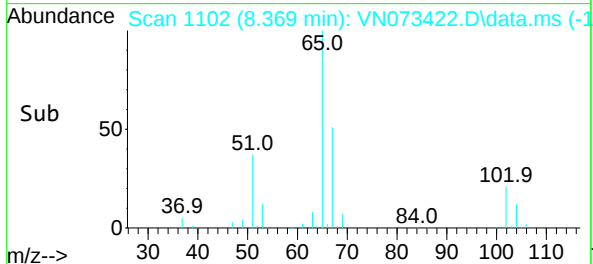
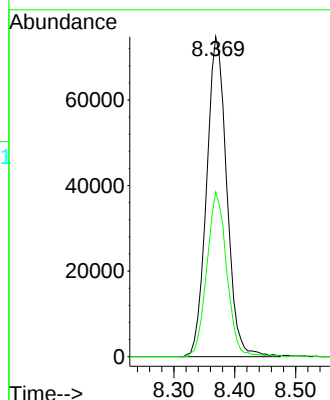
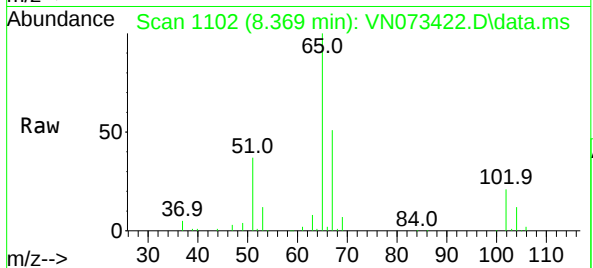
SW-6

Tgt Ion: 65 Resp: 171843

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073422.D

Acq: 11 Jul 2022 16:19

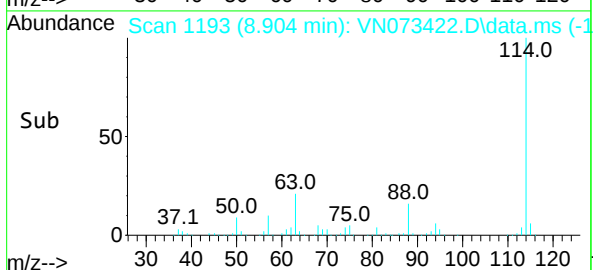
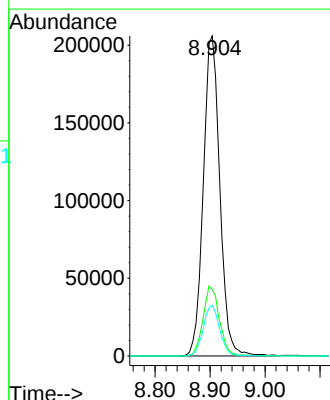
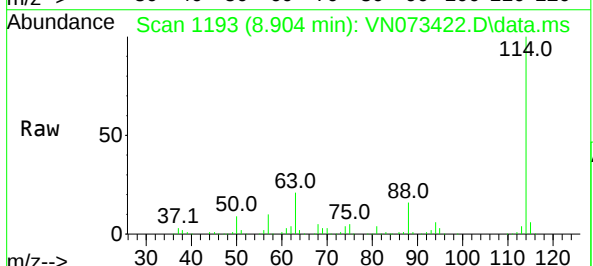
Tgt Ion: 114 Resp: 430112

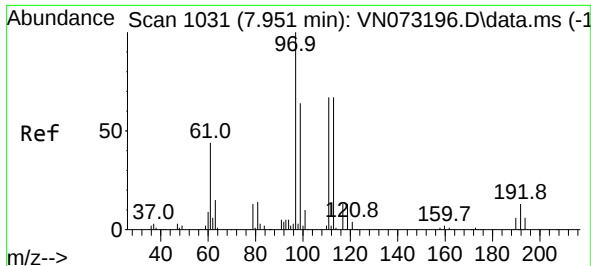
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.9 0.0 32.6

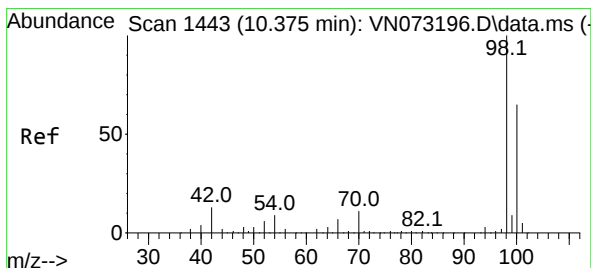
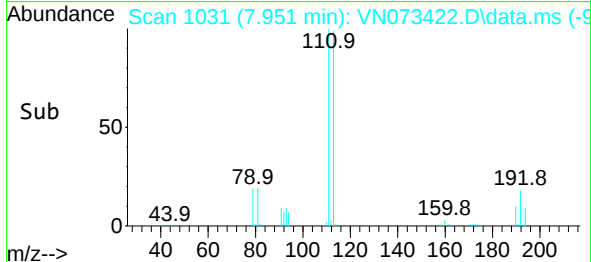
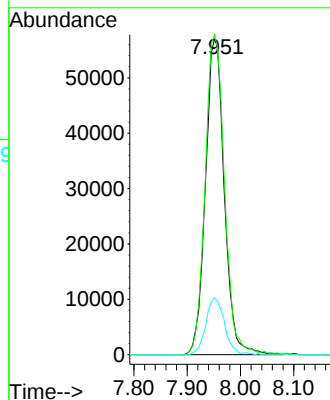
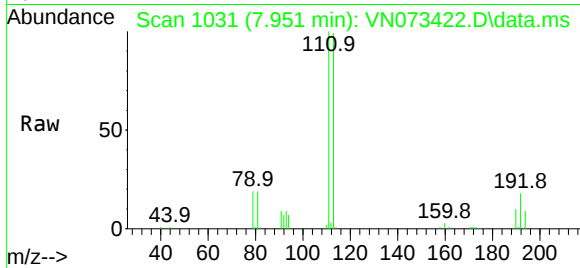




#35
Dibromofluoromethane
Concen: 49.036 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

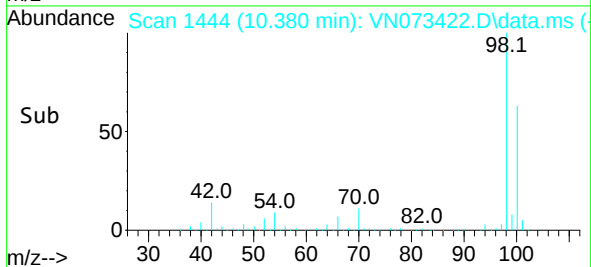
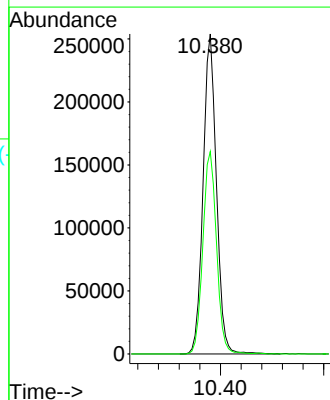
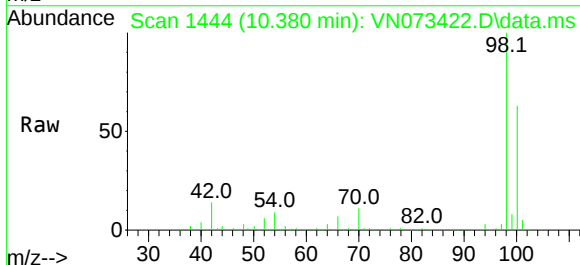
Instrument :
MSVOA_N
ClientSampleId :
SW-6

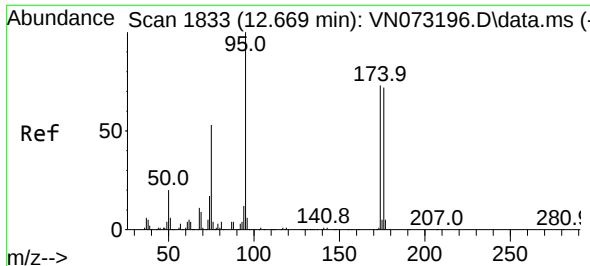
Tgt Ion:113 Resp: 140320
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 17.9 17.0 25.6



#50
Toluene-d8
Concen: 44.624 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 98 Resp: 453529
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

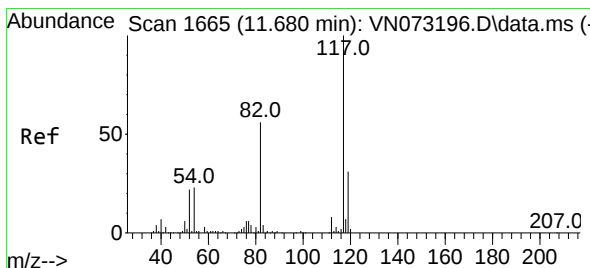
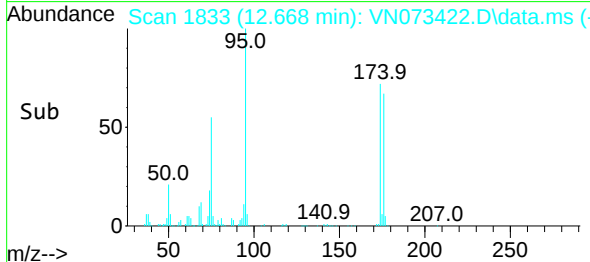
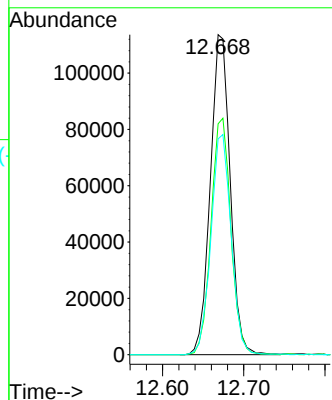
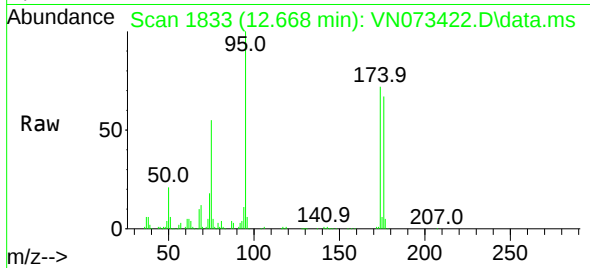




#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

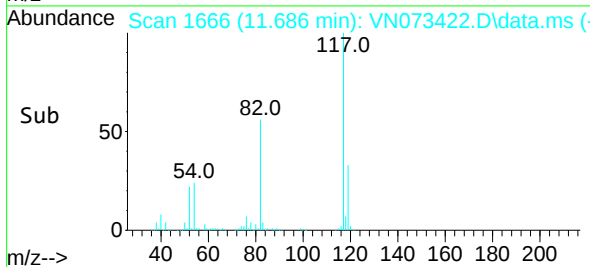
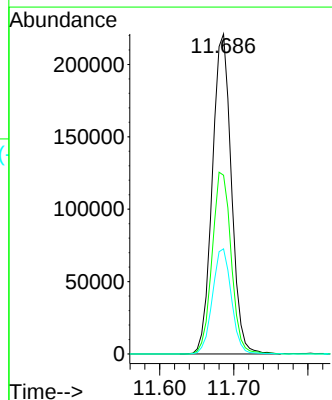
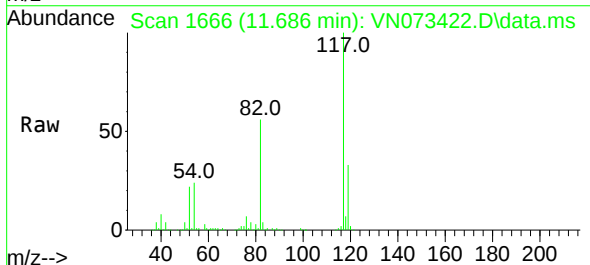
Instrument :
MSVOA_N
ClientSampleId :
SW-6

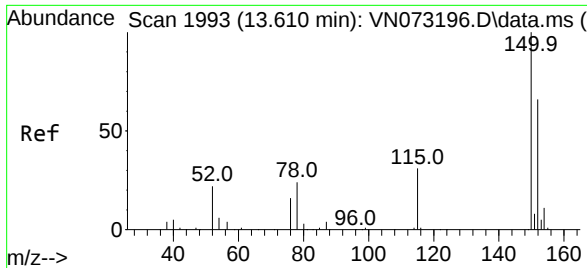
Tgt Ion: 95 Resp: 192927
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VN073422.D
Acq: 11 Jul 2022 16:19

Tgt Ion: 117 Resp: 394378
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073422.D

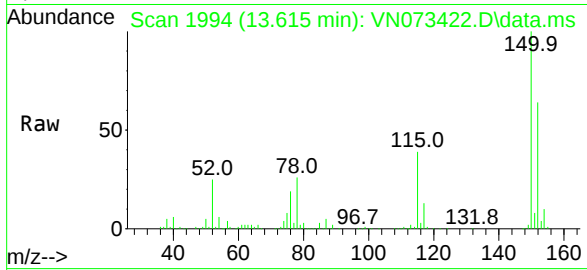
Acq: 11 Jul 2022 16:19

Instrument :

MSVOA_N

ClientSampleId :

SW-6



Tgt Ion:152 Resp: 185105

Ion Ratio Lower Upper

152 100

115 59.9 28.9 86.7

150 157.5 0.0 356.2

