

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071122\
 Data File : VN073419.D
 Acq On : 11 Jul 2022 15:06
 Operator : JC\MD
 Sample : N3651-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

Quant Time: Jul 12 07:27:30 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)

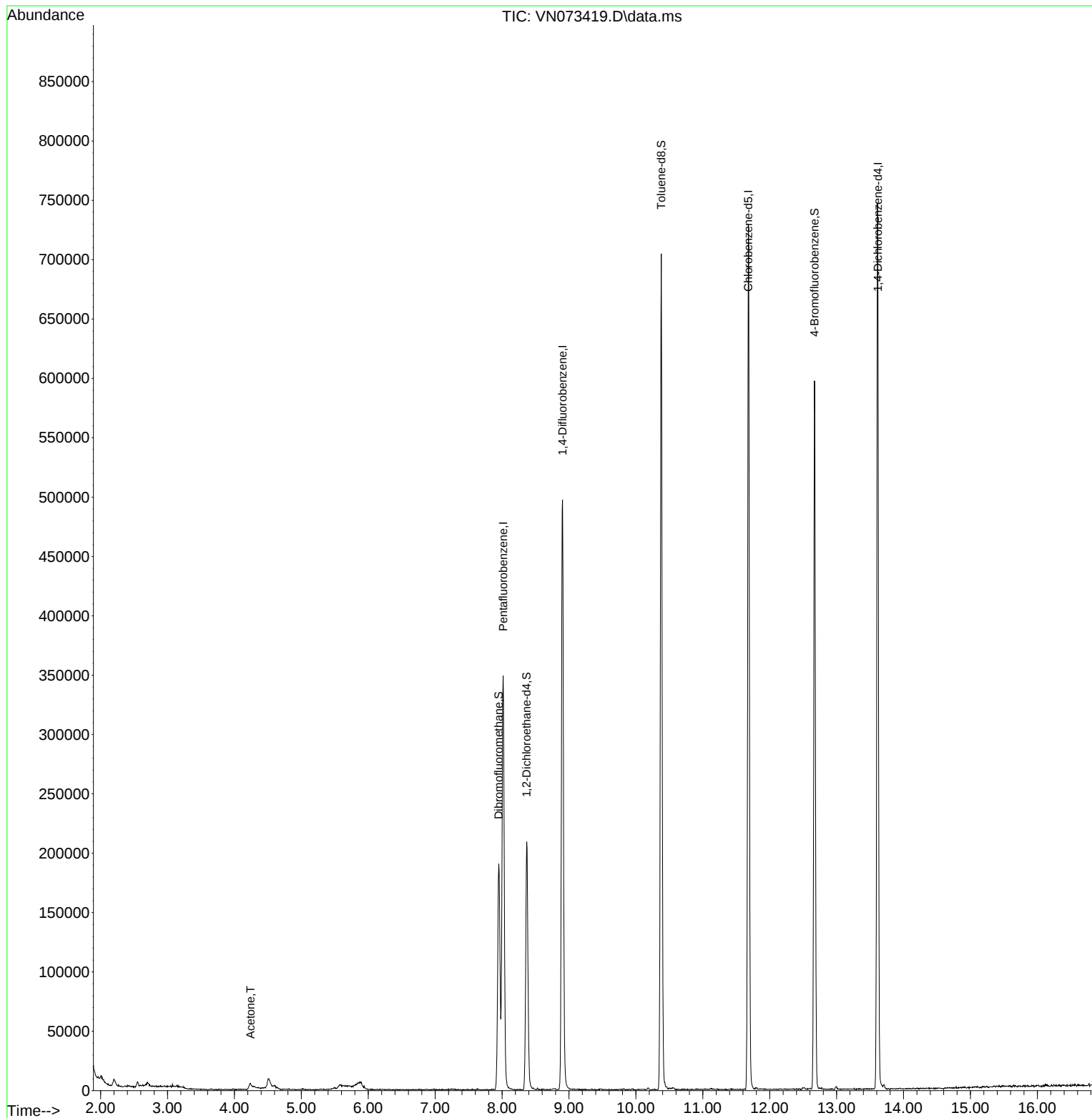
Internal Standards						
1) Pentafluorobenzene	8.016	168	261085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	441188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	415124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	205076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	175581	46.585	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.160%
35) Dibromofluoromethane	7.951	113	144769	49.320	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.640%
50) Toluene-d8	10.380	98	467272	44.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.668	95	209337	52.251	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.500%
Target Compounds						
16) Acetone	4.240	43	9807	4.635	ug/l	Qvalue 99

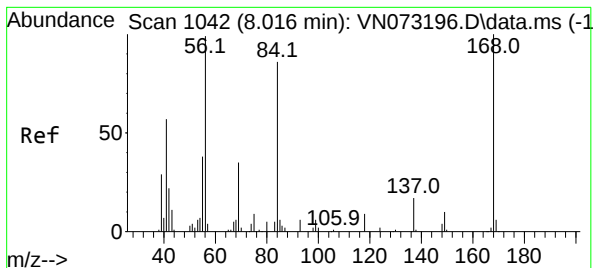
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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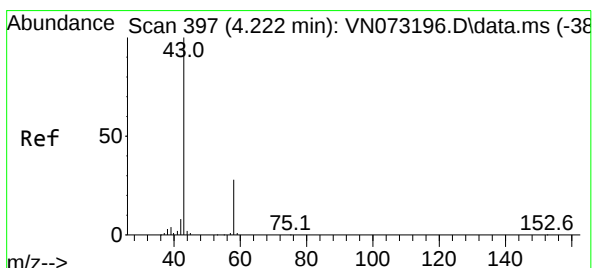
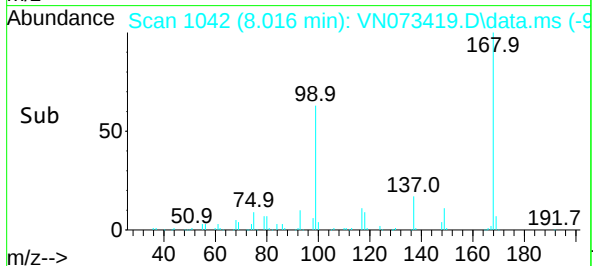
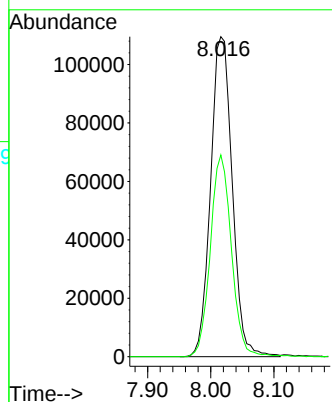
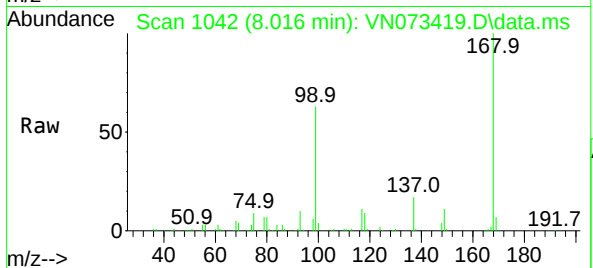




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

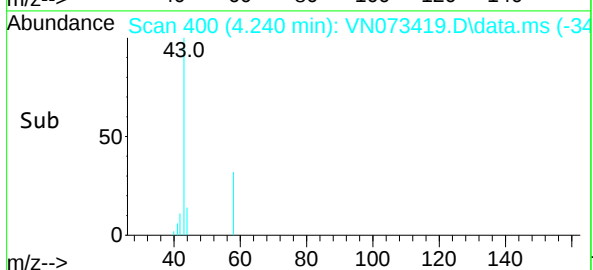
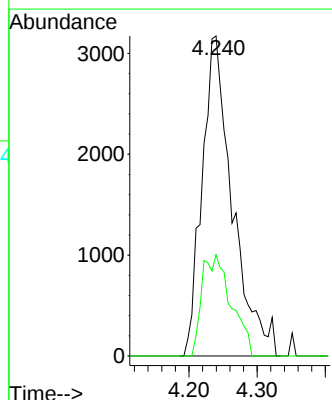
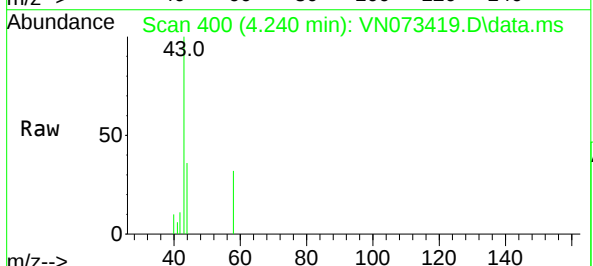
Instrument :
MSVOA_N
ClientSampleId :
SW-3

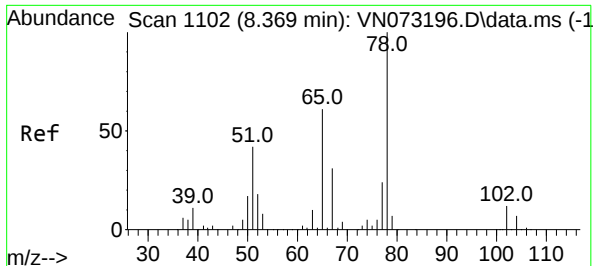
Tgt Ion:168 Resp: 261085
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#16
Acetone
Concen: 4.635 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 43 Resp: 9807
Ion Ratio Lower Upper
43 100
58 31.7 26.0 39.0





#33

1,2-Dichloroethane-d4

Concen: 46.585 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073419.D

Acq: 11 Jul 2022 15:06

Instrument :

MSVOA_N

ClientSampleId :

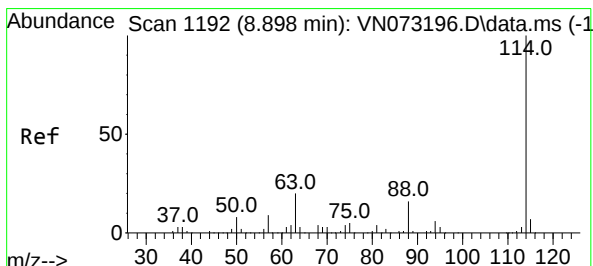
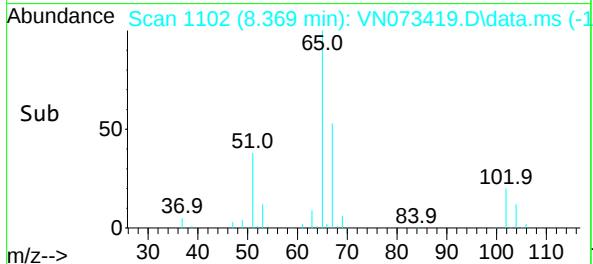
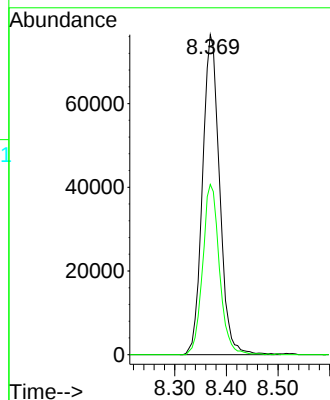
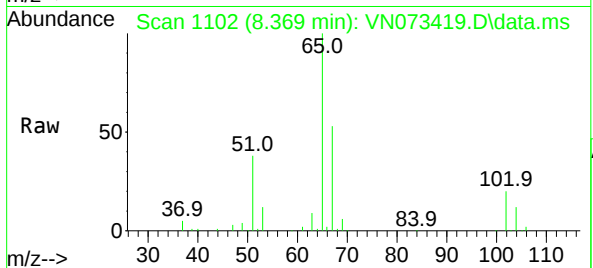
SW-3

Tgt Ion: 65 Resp: 175581

Ion Ratio Lower Upper

65 100

67 52.1 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: VN073419.D

Acq: 11 Jul 2022 15:06

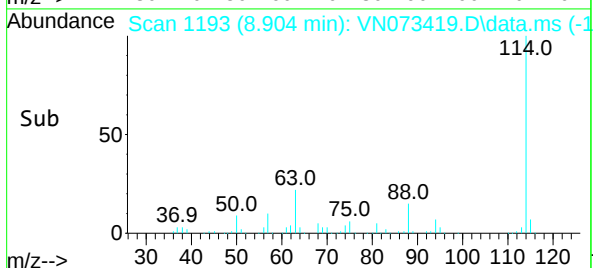
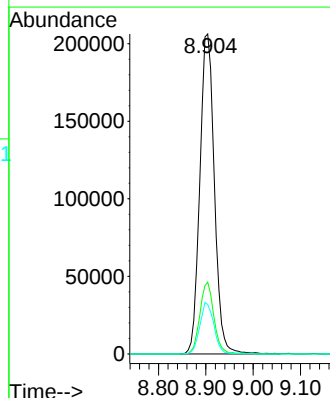
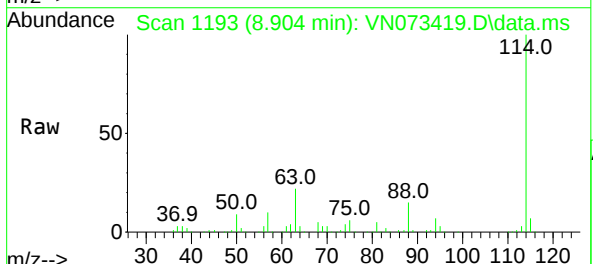
Tgt Ion: 114 Resp: 441188

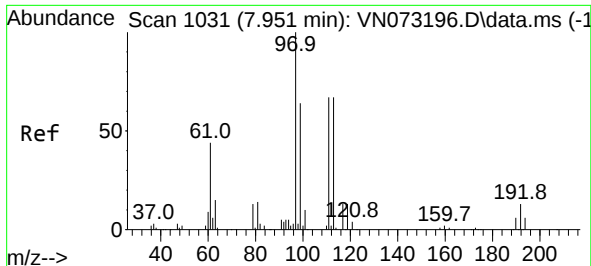
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 15.4 0.0 32.6

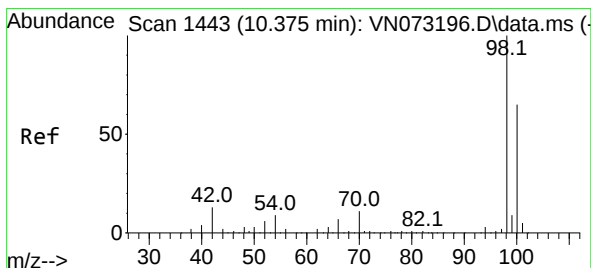
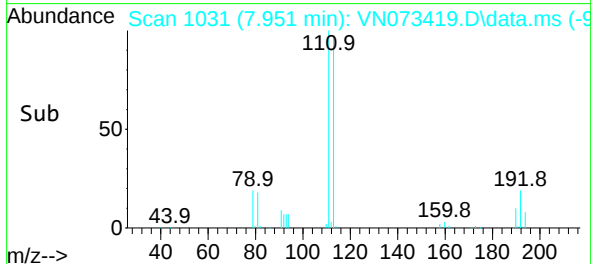
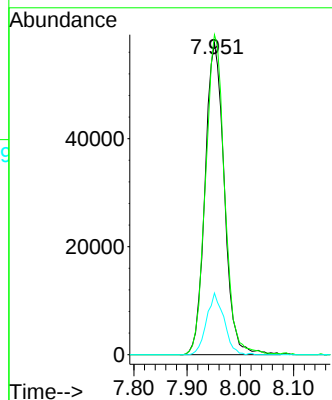
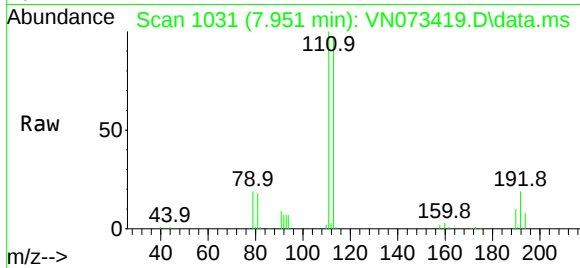




#35
Dibromofluoromethane
Concen: 49.320 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

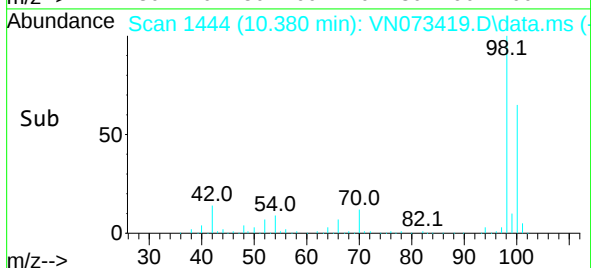
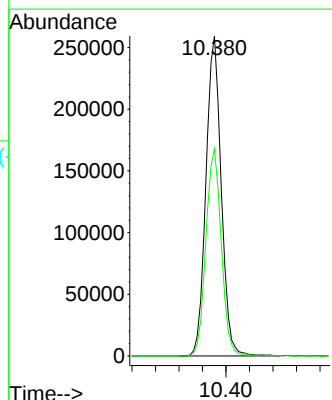
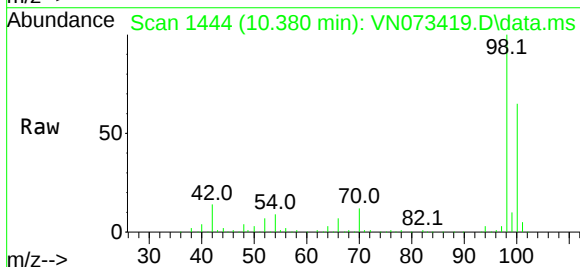
Instrument :
MSVOA_N
ClientSampleId :
SW-3

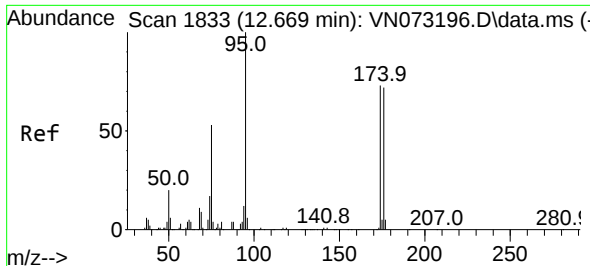
Tgt Ion:113 Resp: 144769
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 17.9 17.0 25.6



#50
Toluene-d8
Concen: 44.822 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 98 Resp: 467272
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

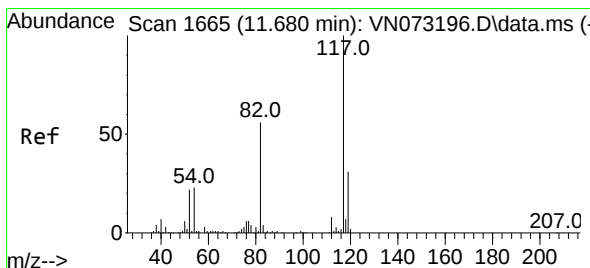
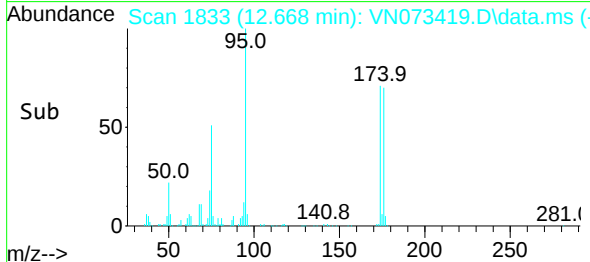
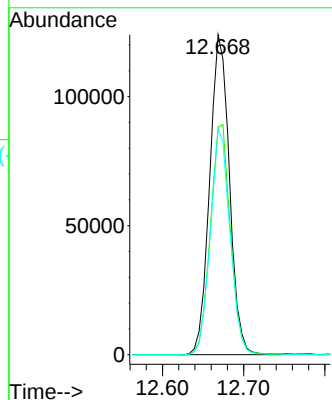
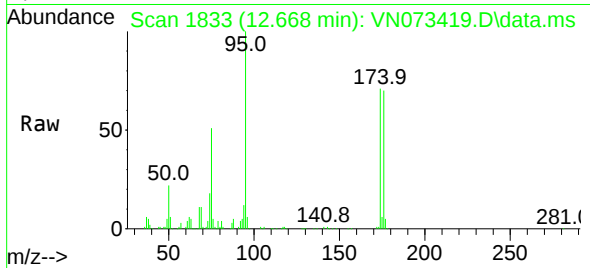




#62
4-Bromofluorobenzene
Concen: 52.251 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

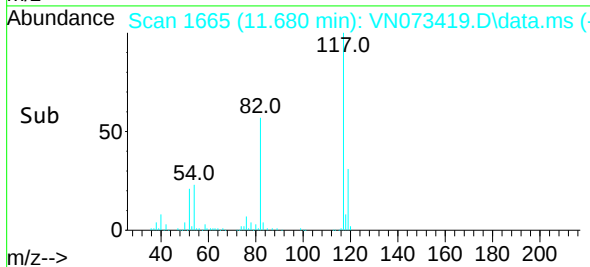
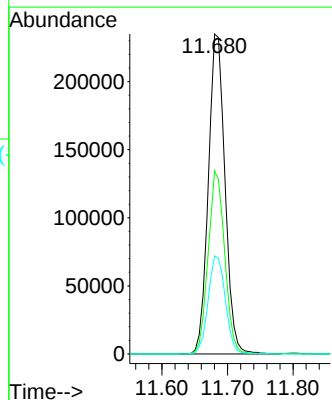
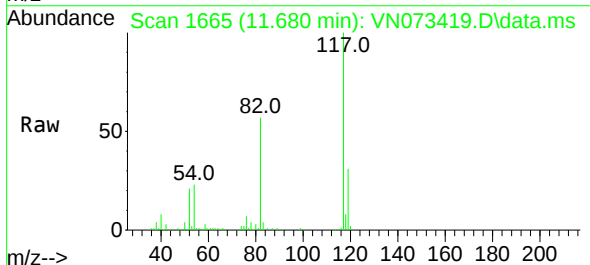
Instrument :
MSVOA_N
ClientSampleId :
SW-3

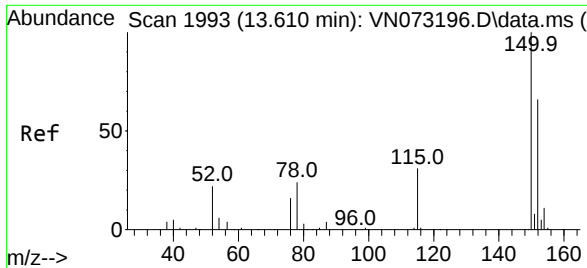
Tgt Ion: 95 Resp: 209337
Ion Ratio Lower Upper
95 100
174 73.0 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073419.D
Acq: 11 Jul 2022 15:06

Tgt Ion: 117 Resp: 415124
Ion Ratio Lower Upper
117 100
82 57.2 44.2 66.2
119 30.7 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: VN073419.D
 Acq: 11 Jul 2022 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-3

Tgt Ion:152 Resp: 205076
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.9 86.7
 150 156.3 0.0 356.2

