

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073372.D
 Acq On : 07 Jul 2022 15:32
 Operator : JC\MD
 Sample : N3616-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070622

Quant Time: Jul 08 03:01:50 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	302122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	254537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189686	43.491	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.980%
35) Dibromofluoromethane	7.951	113	159532	48.240	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	10.380	98	537878	45.795	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.668	95	228839	50.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.400%

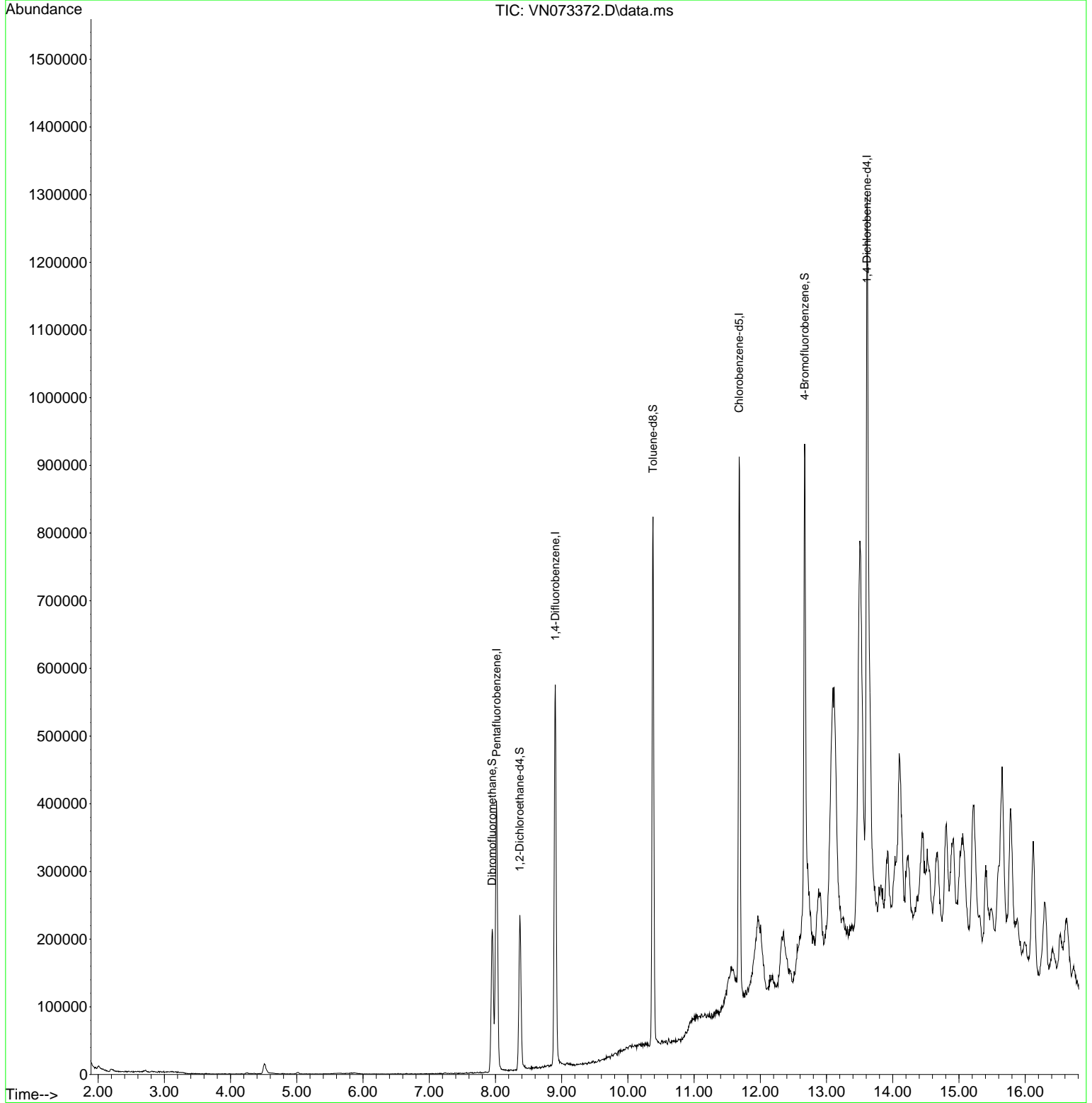
Target Compounds Qvalue

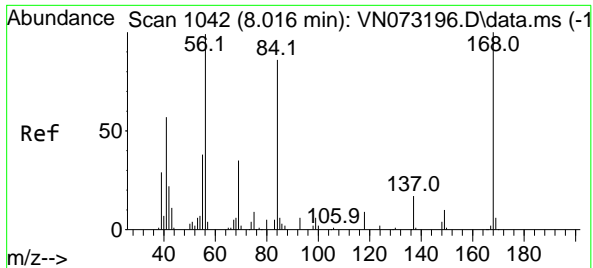
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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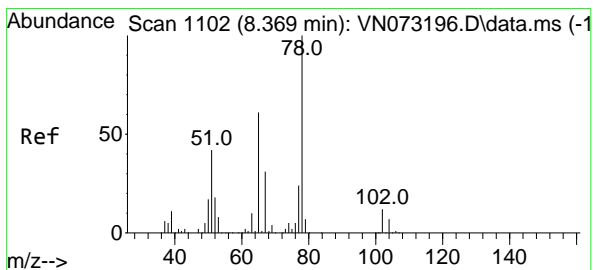
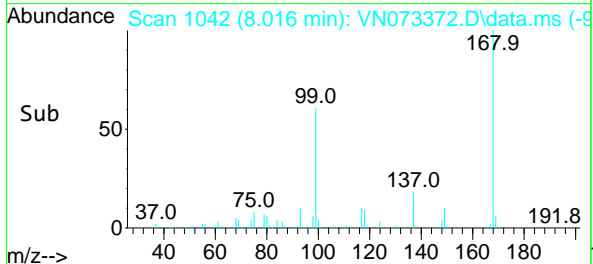
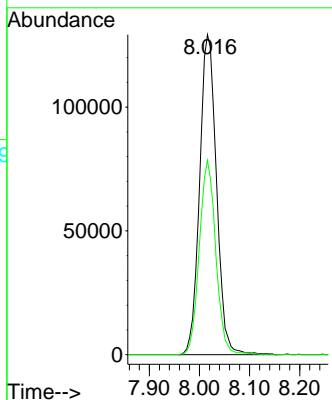
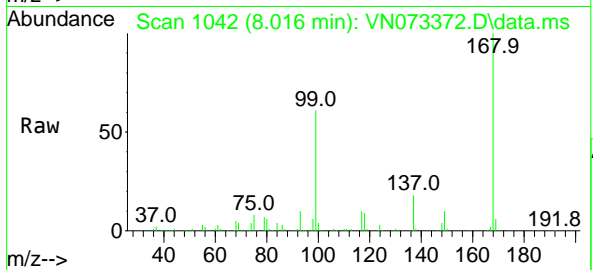




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.016 min Scan# 1042
 Delta R.T. -0.000 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

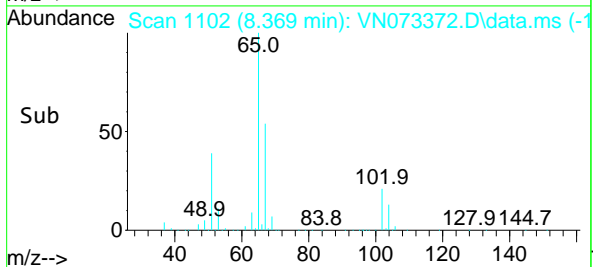
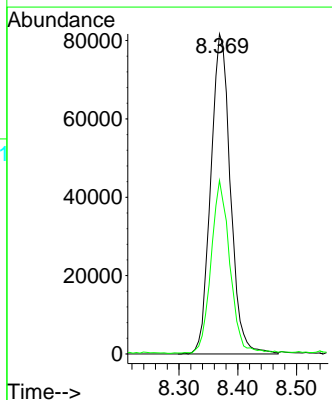
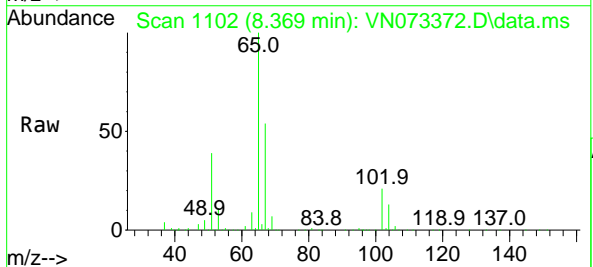
Instrument : MSVOA_N
 ClientSampleId : TB-01-070622

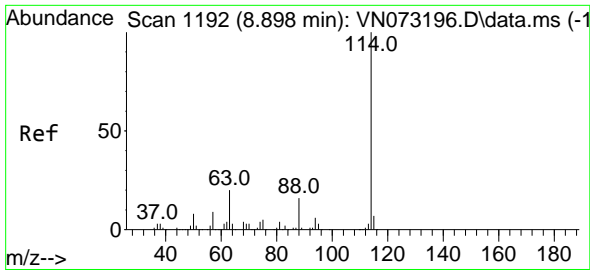
Tgt Ion:168 Resp: 302122
 Ion Ratio Lower Upper
 168 100
 99 60.7 42.3 63.5



#33
 1,2-Dichloroethane-d4
 Concen: 43.491 ug/l
 RT: 8.369 min Scan# 1102
 Delta R.T. -0.000 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

Tgt Ion: 65 Resp: 189686
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8

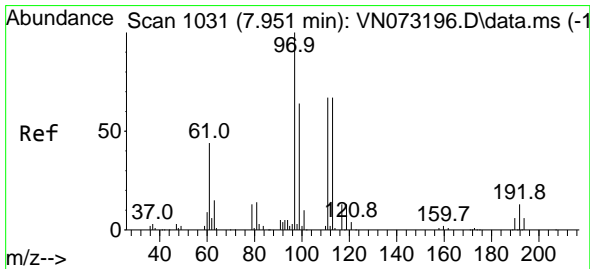
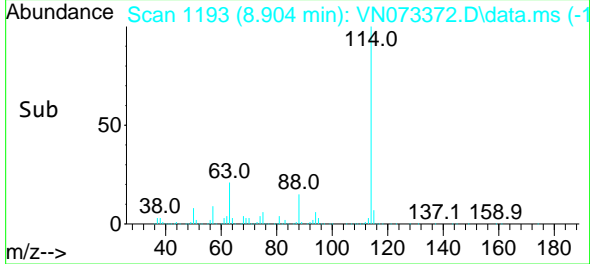
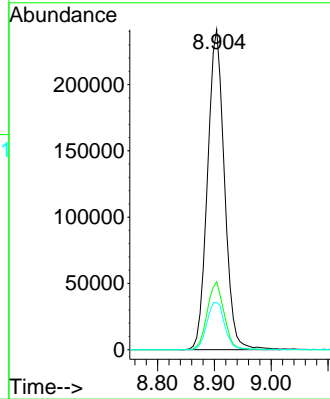
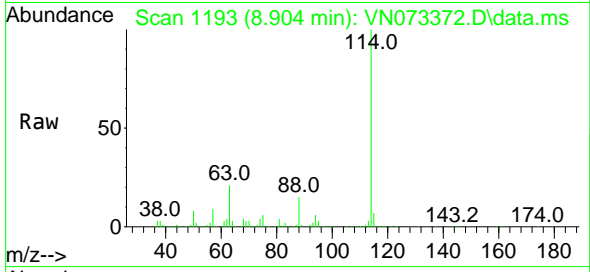




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.904 min Scan# 1119
 Delta R.T. 0.006 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

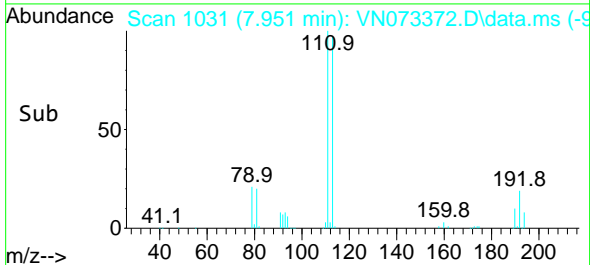
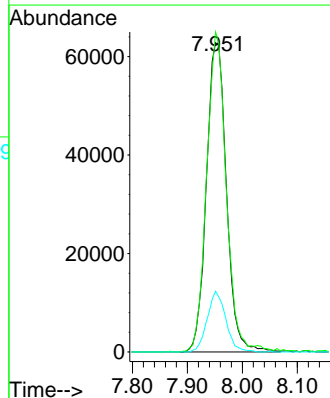
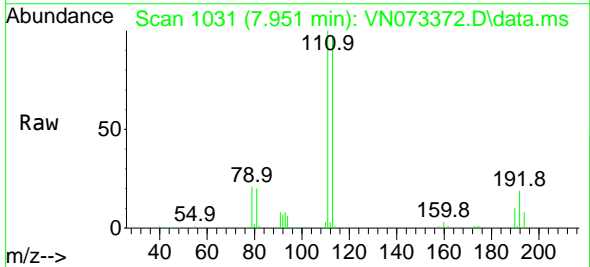
Instrument : MSVOA_N
 ClientSampleId : TB-01-070622

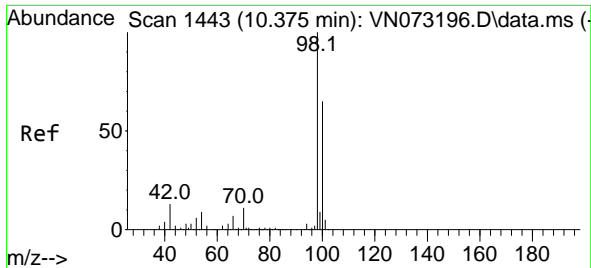
Tgt Ion	Resp	Lower	Upper
114	497061		
63	21.3	0.0	40.0
88	14.8	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 48.240 ug/l
 RT: 7.951 min Scan# 1031
 Delta R.T. 0.000 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

Tgt Ion	Resp	Lower	Upper
113	159532		
111	100.1	81.4	122.0
192	18.2	17.0	25.6

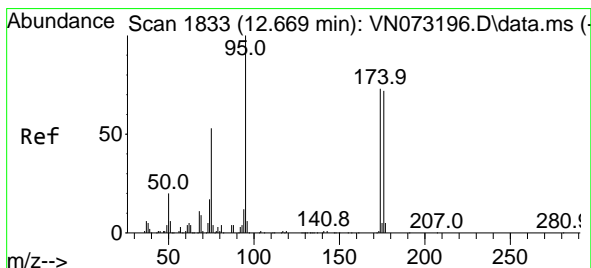
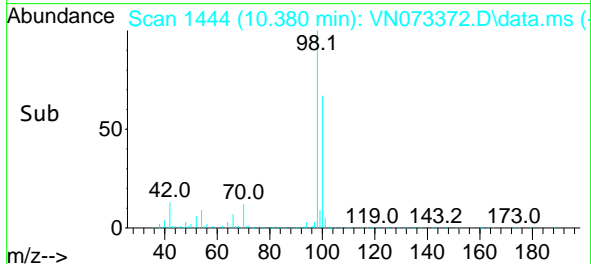
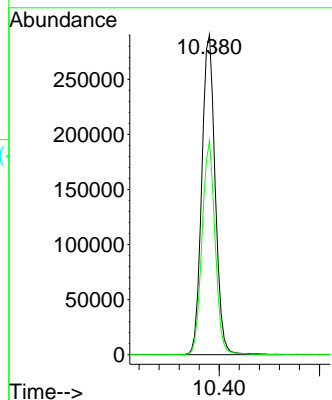
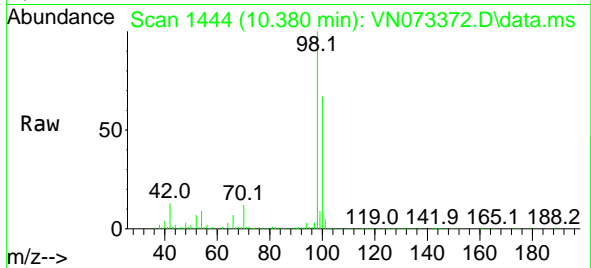




#50
 Toluene-d8
 Concen: 45.795 ug/l
 RT: 10.380 min Scan# 1443
 Delta R.T. 0.005 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

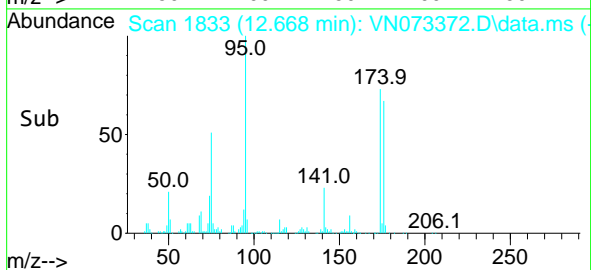
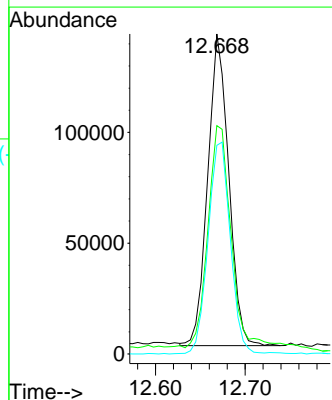
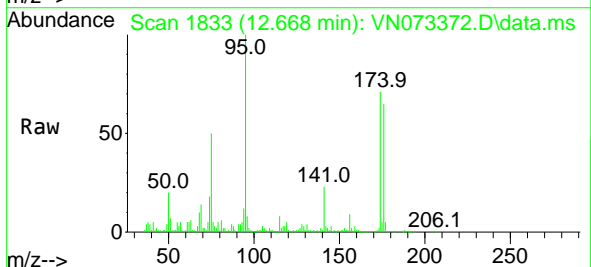
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070622

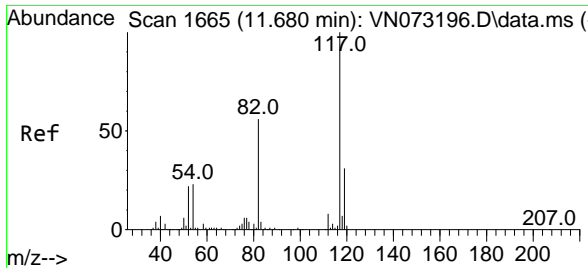
Tgt Ion: 98 Resp: 537878
 Ion Ratio Lower Upper
 98 100
 100 65.4 52.6 78.8



#62
 4-Bromofluorobenzene
 Concen: 50.699 ug/l
 RT: 12.668 min Scan# 1833
 Delta R.T. -0.001 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

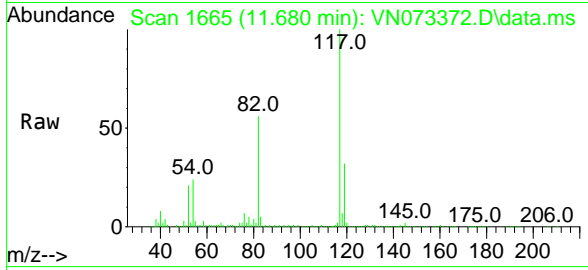
Tgt Ion: 95 Resp: 228839
 Ion Ratio Lower Upper
 95 100
 174 86.1 0.0 167.6
 176 71.7 0.0 163.4





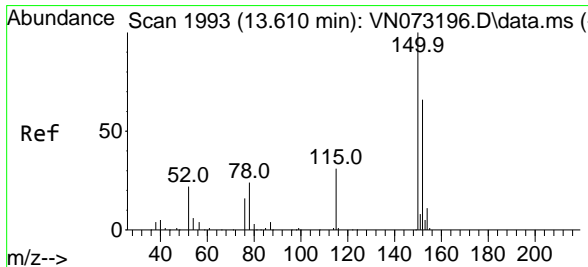
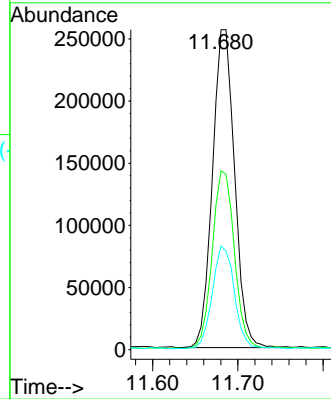
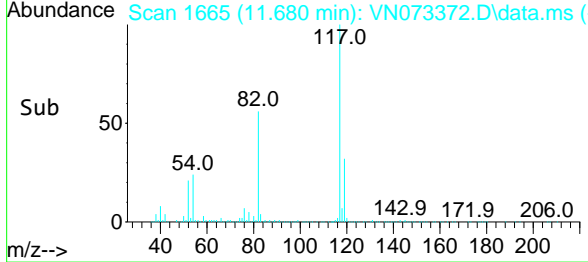
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.680 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VN073372.D
 Acq: 07 Jul 2022 15:32

Instrument : MSVOA_N
 ClientSampleId : TB-01-070622

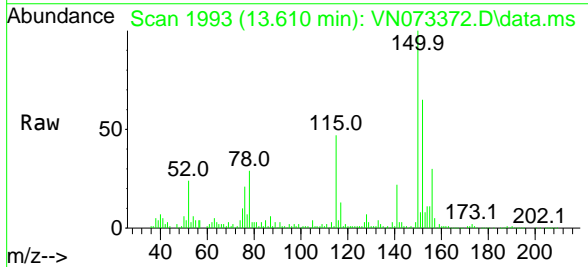


Tgt Ion:117 Resp: 461710

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	32.2	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: VN073372.D
 Acq: 07 Jul 2022 15:32



Tgt Ion:152 Resp: 254537

Ion	Ratio	Lower	Upper
152	100		
115	82.0	28.9	86.7
150	132.2	0.0	356.2

