

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031621\
 Data File : VN066223.D
 Acq On : 16 Mar 2021 20:11
 Operator : JC/MD
 Sample : M1687-33 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1044-1046

Quant Time: Mar 17 05:25:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	251071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	417097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	374257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	164631	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	203444	56.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.48%
35) Dibromofluoromethane	7.509	113	135937	51.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.18%
50) Toluene-d8	10.028	98	484931	47.13	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.26%
62) 4-Bromofluorobenzene	12.345	95	157143	42.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.74%

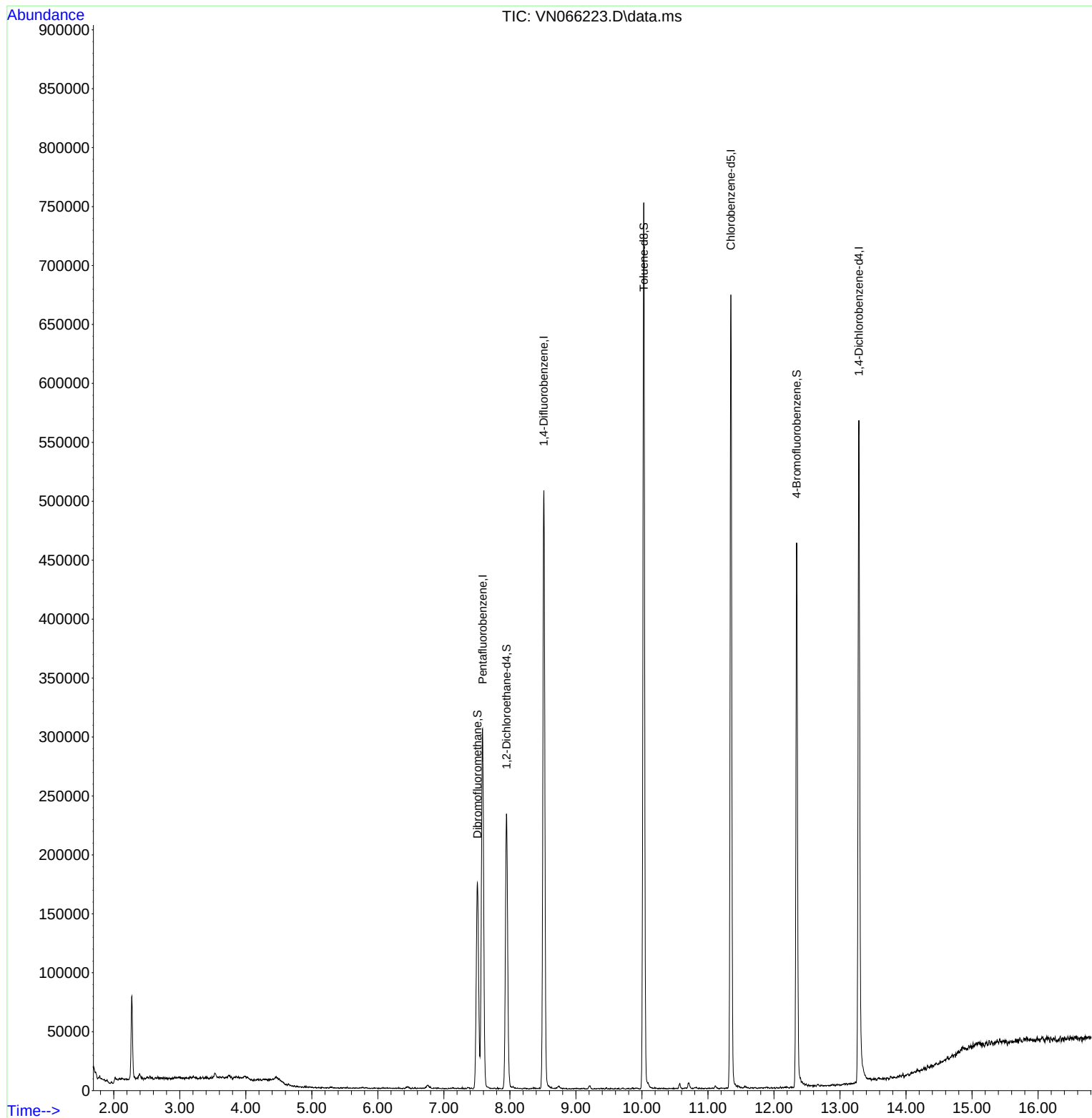
Target Compounds	Qvalue

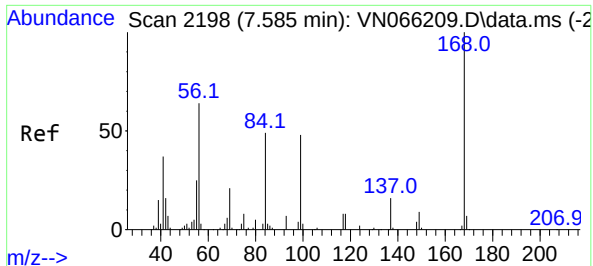
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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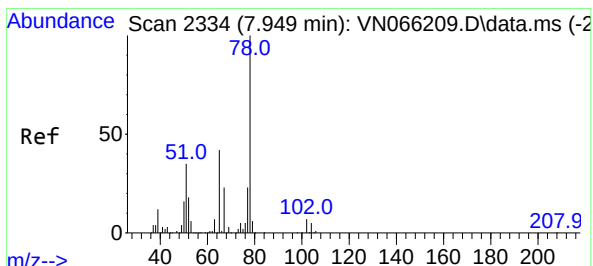
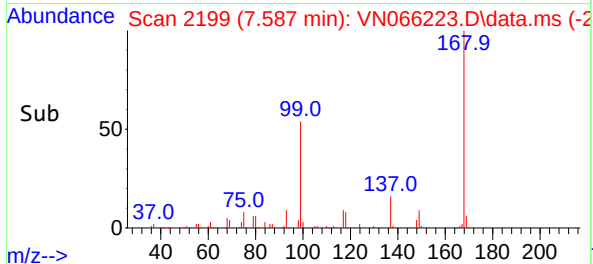
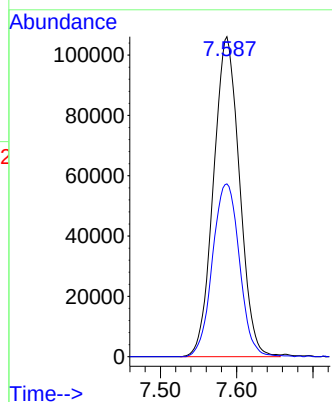
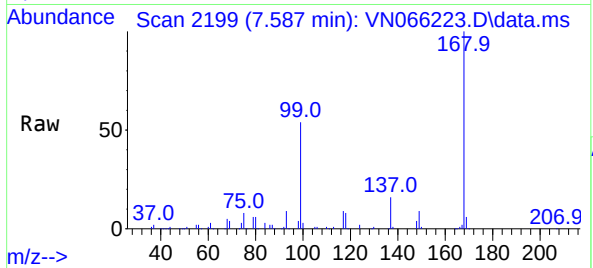




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

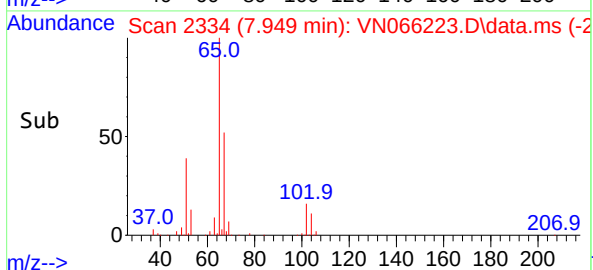
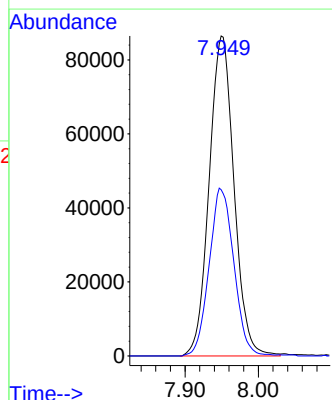
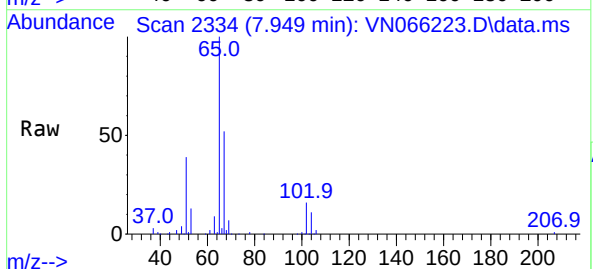
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

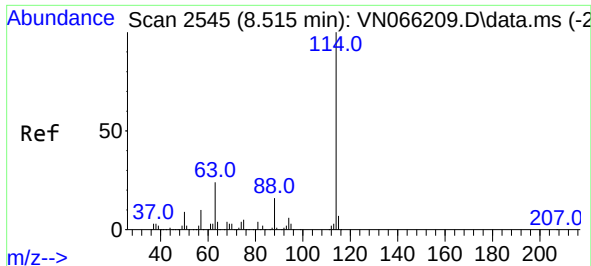
Tgt Ion:168 Resp: 251071
Ion Ratio Lower Upper
168 100
99 54.0 45.4 68.0



#33
1,2-Dichloroethane-d4
Concen: 56.24 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

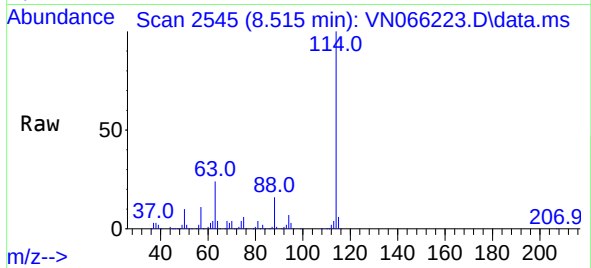
Tgt Ion: 65 Resp: 203444
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.2



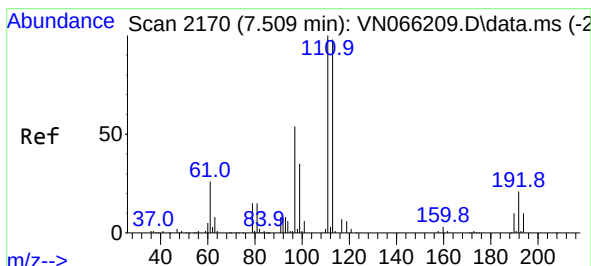
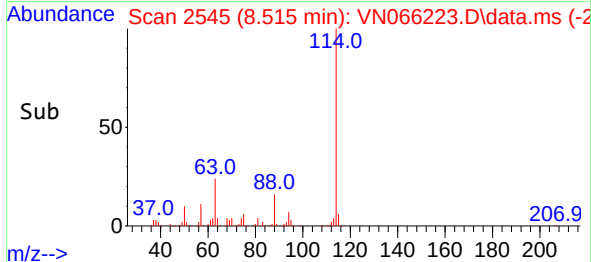
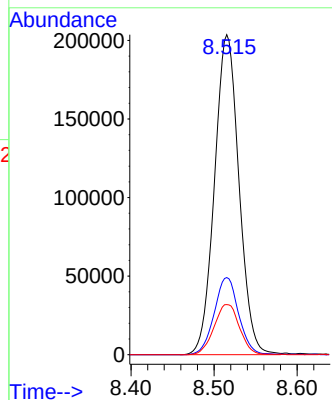


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

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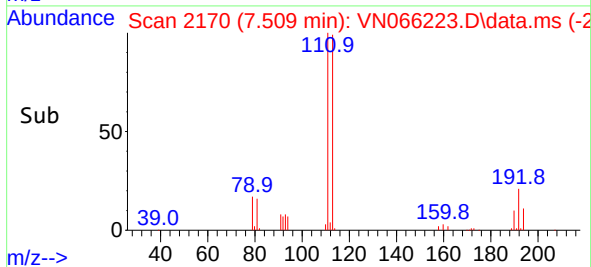
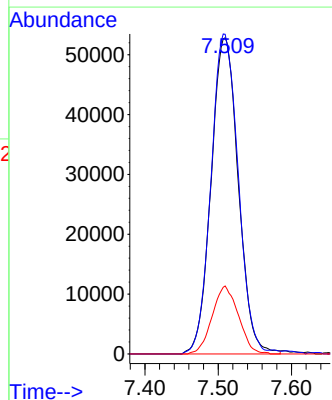
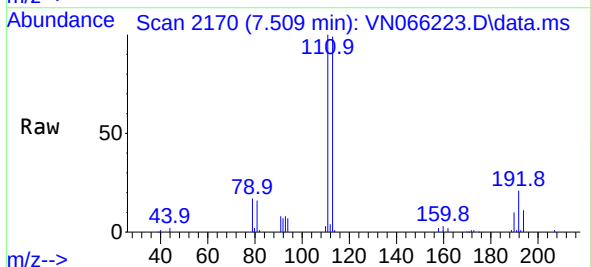


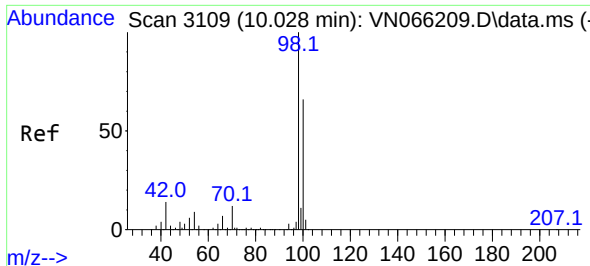
Tgt Ion:114 Resp: 417097
Ion Ratio Lower Upper
114 100
63 24.1 0.0 49.2
88 15.7 0.0 33.8



#35
Dibromofluoromethane
Concen: 51.09 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion:113 Resp: 135937
Ion Ratio Lower Upper
113 100
111 100.8 84.0 126.0
192 20.8 16.7 25.1

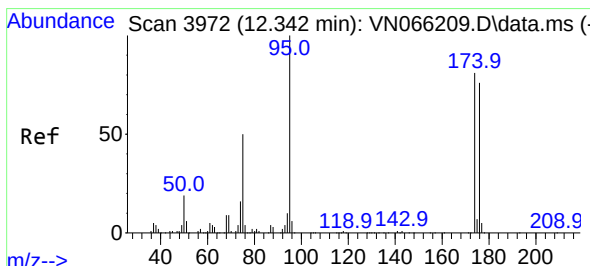
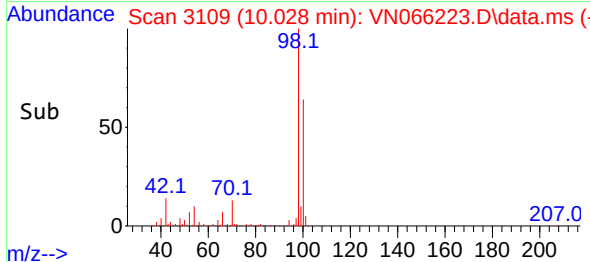
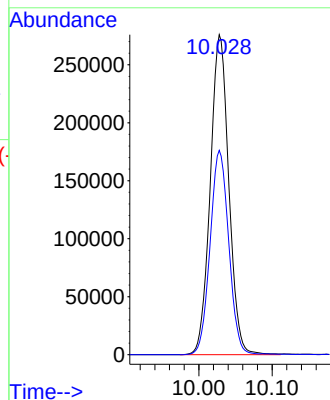
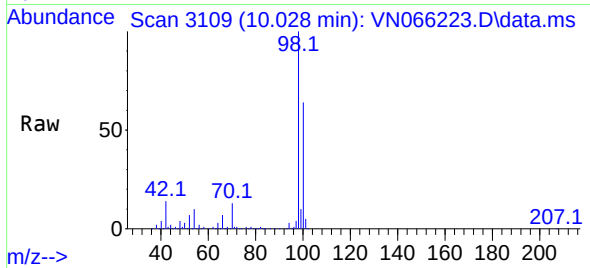




#50
Toluene-d8
Concen: 47.13 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

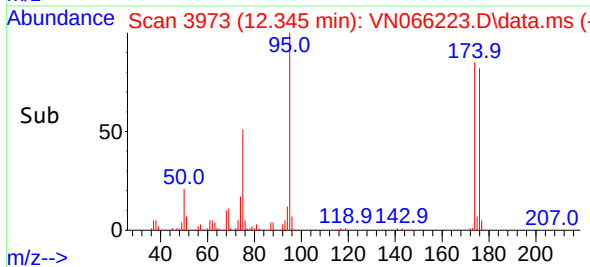
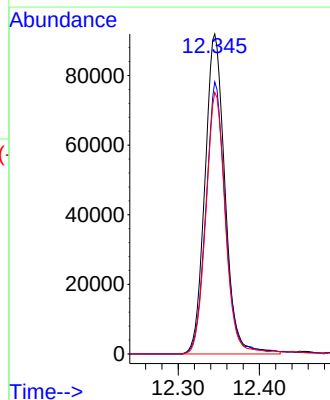
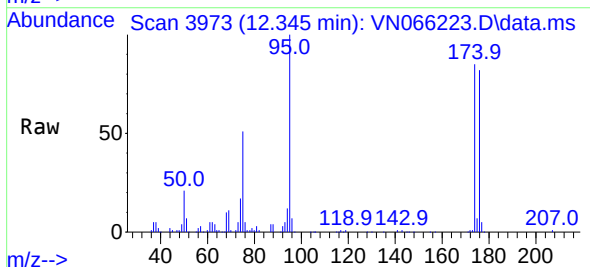
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

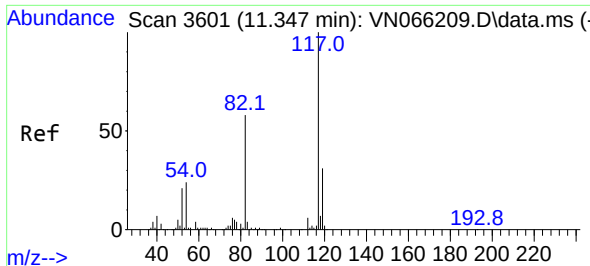
Tgt Ion: 98 Resp: 484931
Ion Ratio Lower Upper
98 100
100 64.0 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 42.37 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion: 95 Resp: 157143
Ion Ratio Lower Upper
95 100
174 83.7 0.0 162.4
176 79.4 0.0 156.2

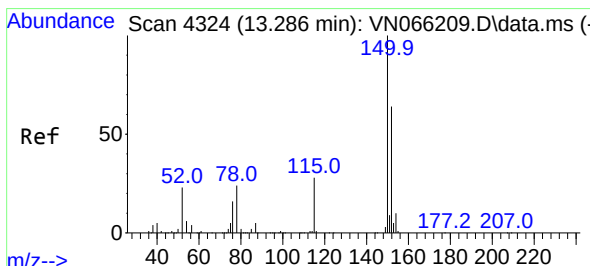
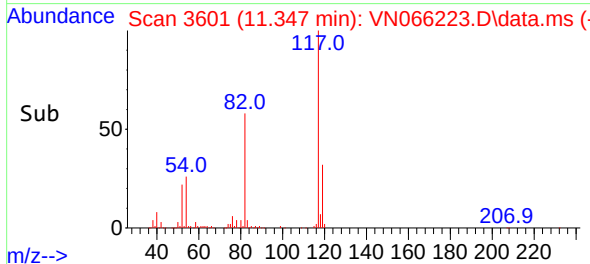
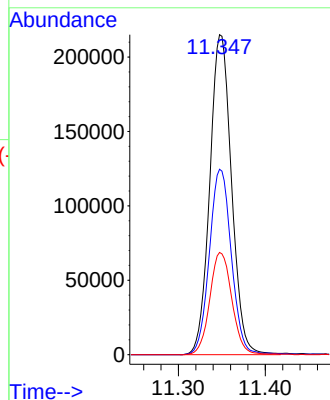
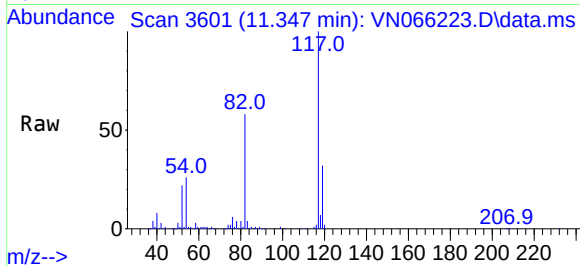




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

Tgt Ion:	117	Resp:	374257
Ion	Ratio	Lower	Upper
117	100		
82	58.0	49.0	73.6
119	31.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066223.D
Acq: 16 Mar 2021 20:11

Tgt Ion:	152	Resp:	164631
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.4	88.3
150	151.4	0.0	352.2

