

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031921\  
 Data File : VN066274.D  
 Acq On : 19 Mar 2021 12:32  
 Operator : JC/MD  
 Sample : VN0319WBL01  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0319WBL01

Quant Time: Mar 20 04:55:53 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	7.585	168	304276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	455790	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	408309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	161533	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	201352	45.93	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.86%
35) Dibromofluoromethane	7.507	113	164831	56.69	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.38%
50) Toluene-d8	10.028	98	589770	52.46	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.92%
62) 4-Bromofluorobenzene	12.345	95	169425	41.81	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.62%

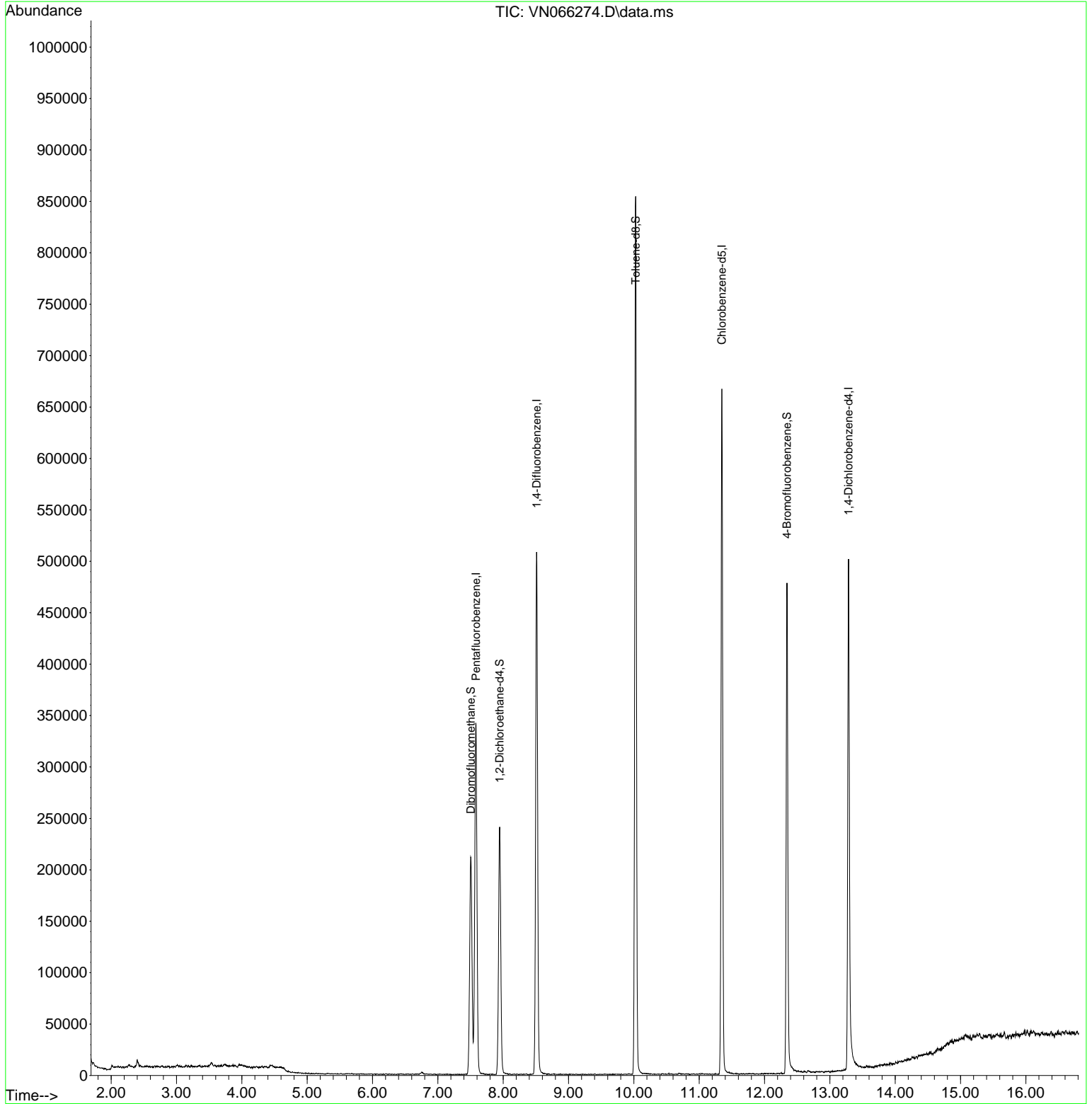
Target Compounds Qvalue

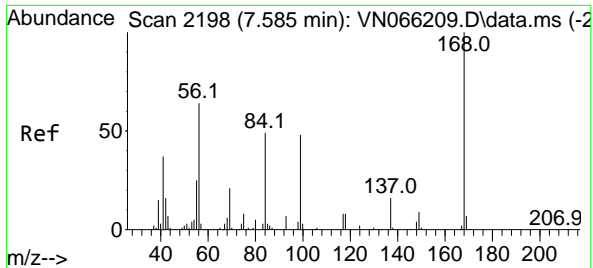
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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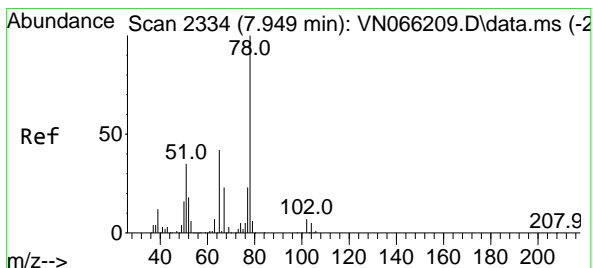
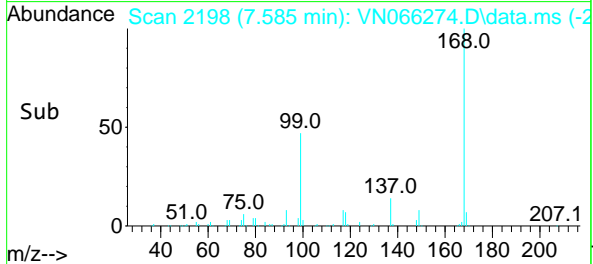
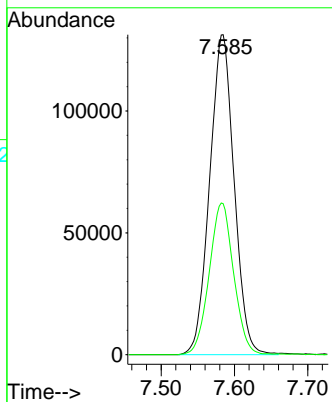
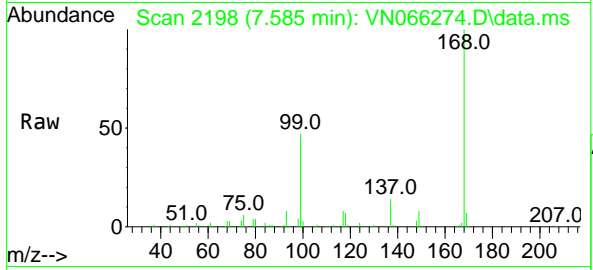




#1  
 Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 7.585 min Scan# 2198  
 Delta R.T. -0.000 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32

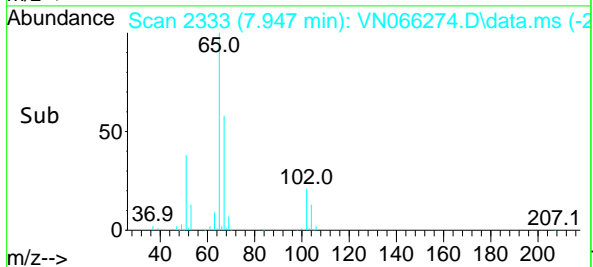
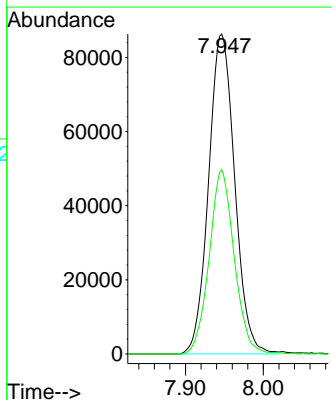
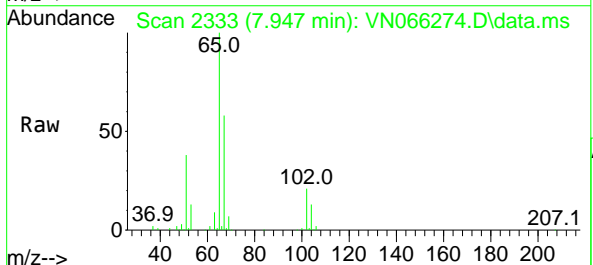
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0319WBL01

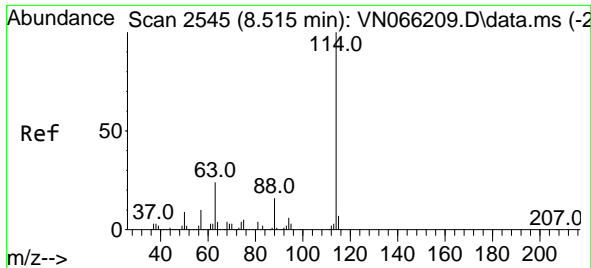
Tgt Ion:168 Resp: 304276  
 Ion Ratio Lower Upper  
 168 100  
 99 47.2 45.4 68.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 45.93 ug/l  
 RT: 7.947 min Scan# 2333  
 Delta R.T. -0.002 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32

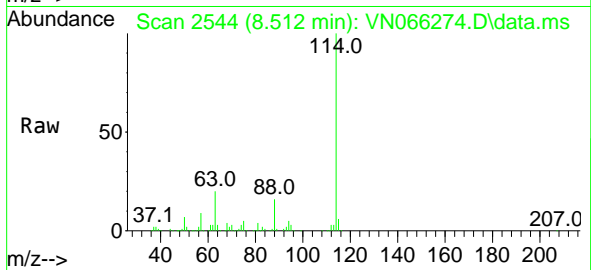
Tgt Ion: 65 Resp: 201352  
 Ion Ratio Lower Upper  
 65 100  
 67 55.1 0.0 107.2



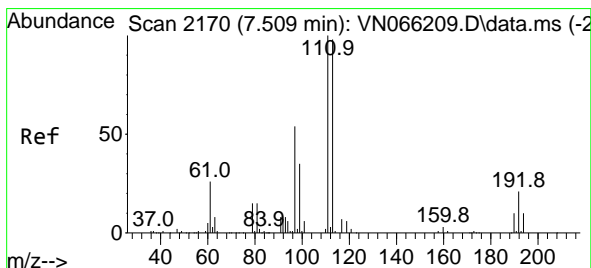
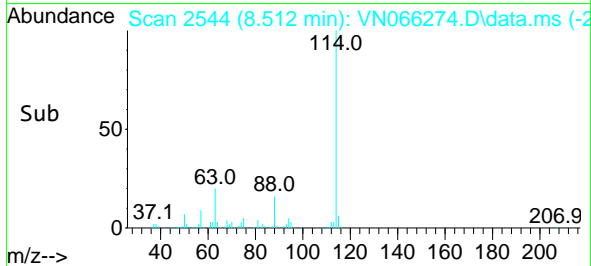
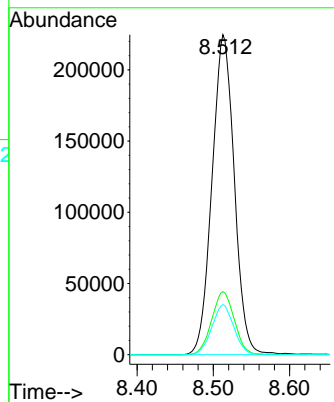


#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.512 min Scan# 2544  
 Delta R.T. -0.003 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32

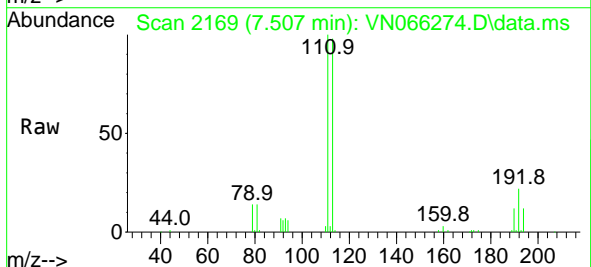
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0319WBL01



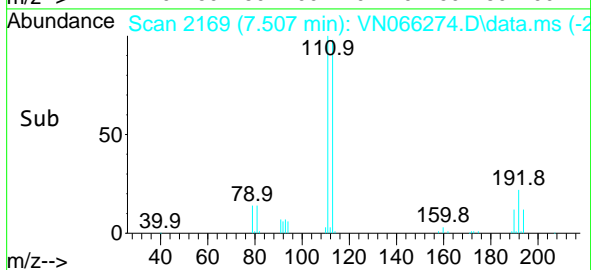
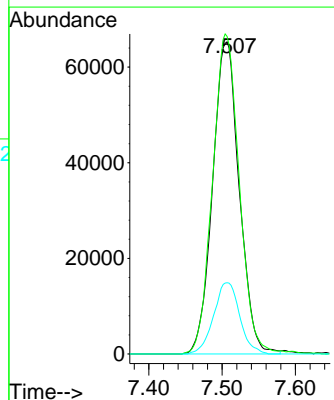
Tgt Ion:114 Resp: 455790  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 49.2  
 88 15.6 0.0 33.8

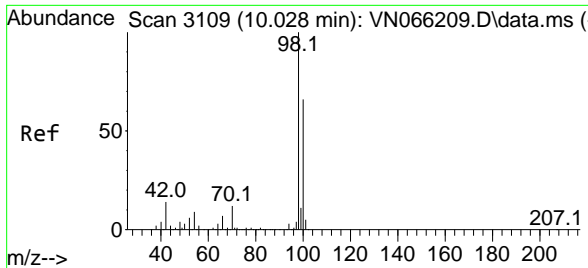


#35  
 Dibromofluoromethane  
 Concen: 56.69 ug/l  
 RT: 7.507 min Scan# 2169  
 Delta R.T. -0.002 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32



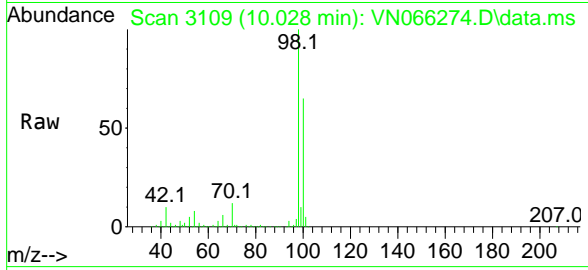
Tgt Ion:113 Resp: 164831  
 Ion Ratio Lower Upper  
 113 100  
 111 102.7 84.0 126.0  
 192 22.4 16.7 25.1



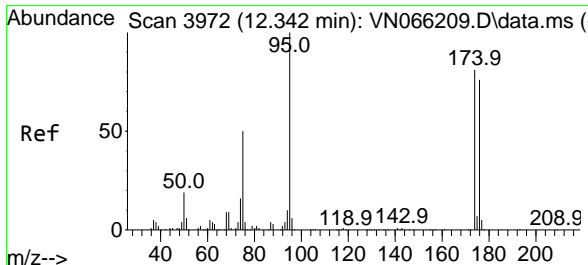
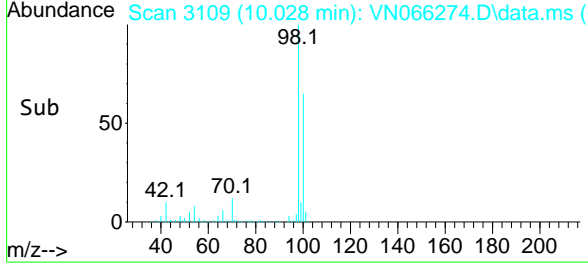
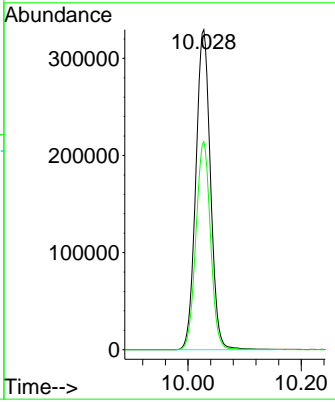


#50  
 Toluene-d8  
 Concen: 52.46 ug/l  
 RT: 10.028 min Scan# 3109  
 Delta R.T. -0.000 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32

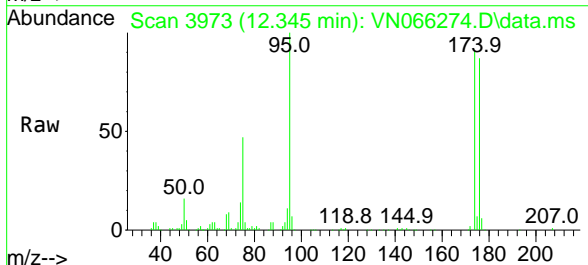
**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0319WBL01



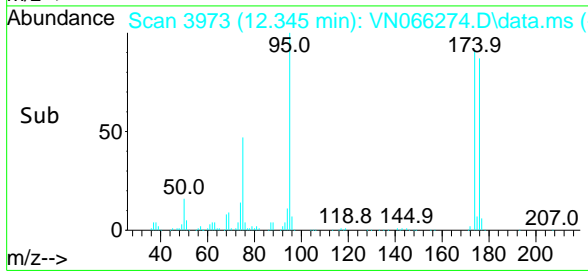
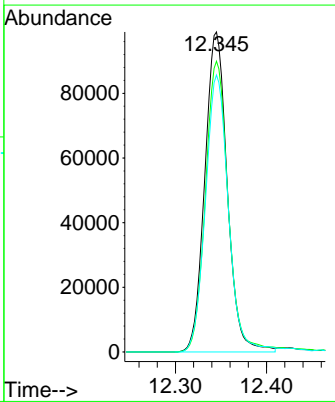
Tgt Ion: 98 Resp: 589770  
 Ion Ratio Lower Upper  
 98 100  
 100 64.8 51.0 76.6

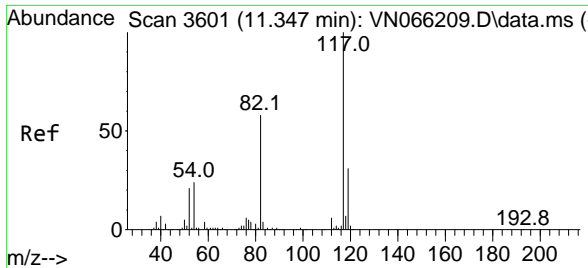


#62  
 4-Bromofluorobenzene  
 Concen: 41.81 ug/l  
 RT: 12.345 min Scan# 3973  
 Delta R.T. 0.003 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32



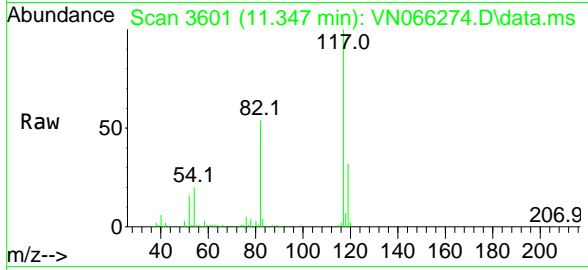
Tgt Ion: 95 Resp: 169425  
 Ion Ratio Lower Upper  
 95 100  
 174 91.6 0.0 162.4  
 176 88.7 0.0 156.2





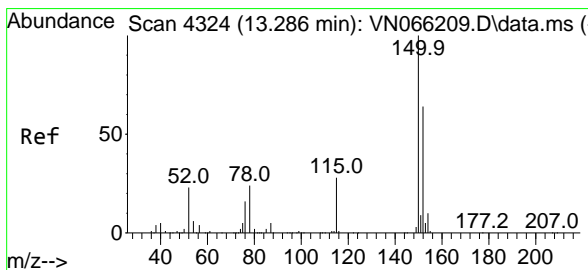
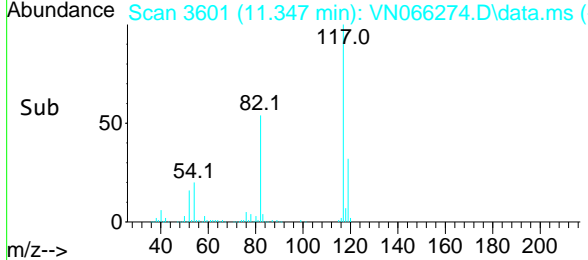
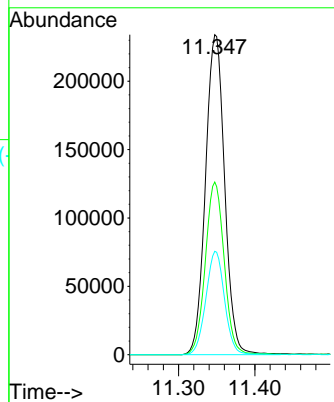
#63  
 Chlorobenzene-d5  
 Concen: 50.00 ug/l  
 RT: 11.347 min Scan# 3601  
 Delta R.T. 0.000 min  
 Lab File: VN066274.D  
 Acq: 19 Mar 2021 12:32

**Instrument :**  
 MSVOA\_N  
**ClientSampled :**  
 VN0319WBL01

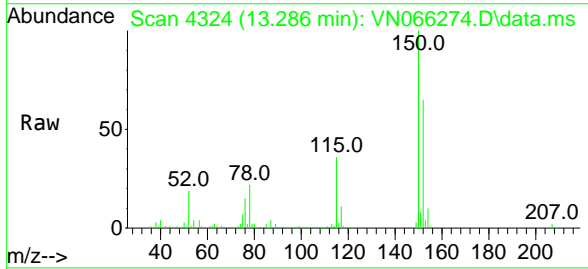


Tgt Ion:117 Resp: 408309

Ion	Ratio	Lower	Upper
117	100		
82	54.0	49.0	73.6
119	32.3	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: VN066274.D  
 Acq: 19 Mar 2021 12:32



Tgt Ion:152 Resp: 161533

Ion	Ratio	Lower	Upper
152	100		
115	55.4	29.4	88.3
150	152.6	0.0	352.2

