

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066233.D
 Acq On : 17 Mar 2021 14:54
 Operator : JC/MD
 Sample : M1687-33
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1044-1046

Manual Integrations
 APPROVED

MMDadoda
 3/18/2021 2:19:27 PM

Quant Time: Mar 18 04:44:05 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	334438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	494628	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	455374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	180628	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	212257	44.05	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.10%		
35) Dibromofluoromethane	7.507	113	172443	54.65	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.30%		
50) Toluene-d8	10.028	98	663629	54.39	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	108.78%		
62) 4-Bromofluorobenzene	12.345	95	196746	44.74	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.48%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.717	59	9948m	12.10	ug/l	
16) Acetone	3.741	43	49793	21.51	ug/l	96
40) Benzene	7.963	78	101291	6.74	ug/l	96
52) Toluene	10.092	92	51827	5.95	ug/l	98
64) Tetrachloroethene	10.572	164	46129	12.21	ug/l	94
68) m/p-Xylenes	11.559	106	20245	3.37	ug/l	87
69) o-Xylene	11.886	106	8162	1.41	ug/l	90
70) Styrene	11.905	104	7695	2.84	ug/l	94
95) Naphthalene	15.070	128	47235	4.46	ug/l #	94

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

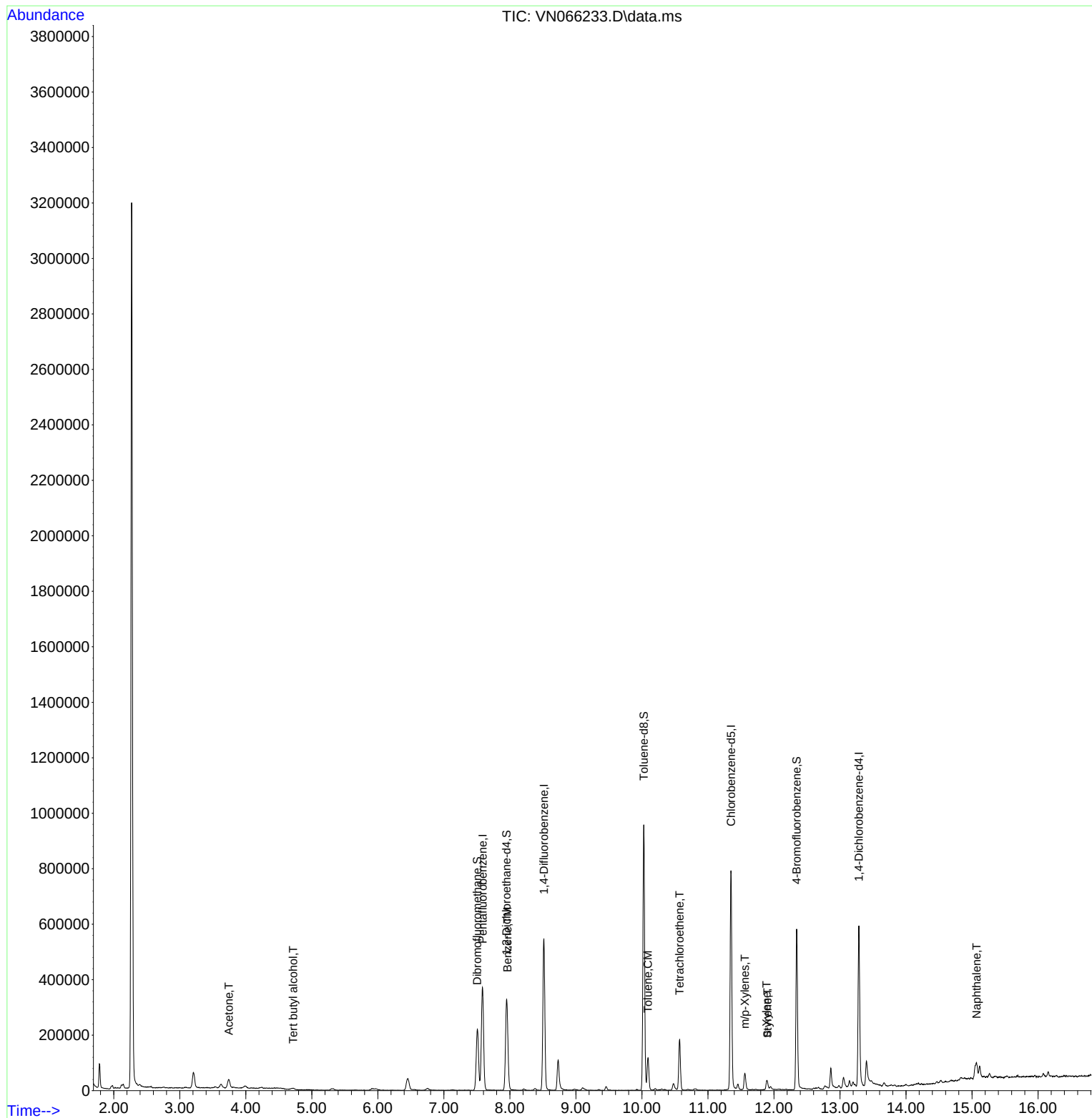
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
Data File : VN066233.D
Acq On : 17 Mar 2021 14:54
Operator : JC/MD
Sample : M1687-33
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

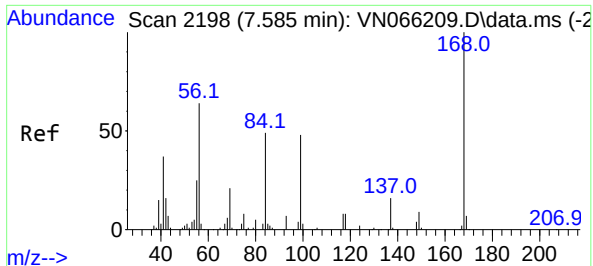
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

Manual Integrations
APPROVED

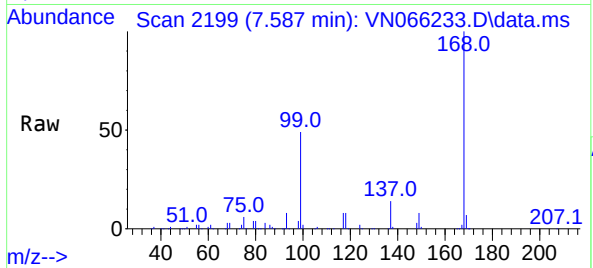
MMDadoda
3/18/2021 2:19:27 PM

Quant Time: Mar 18 04:44:05 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

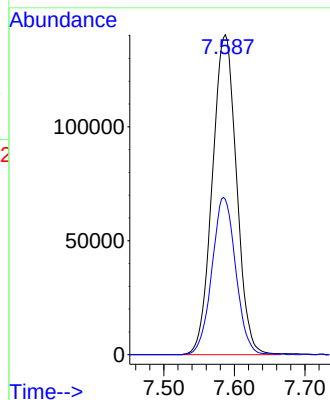
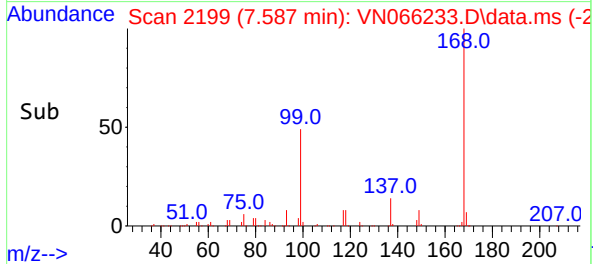




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



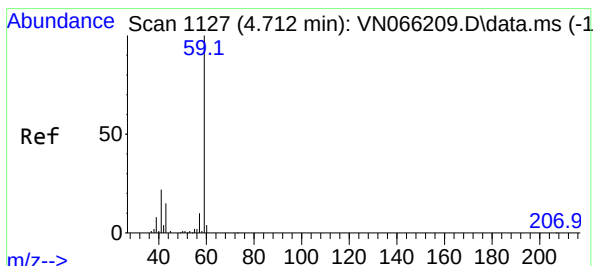
Tgt Ion: 168 Resp: 334438
Ion Ratio Lower Upper
168 100
99 48.6 45.4 68.0



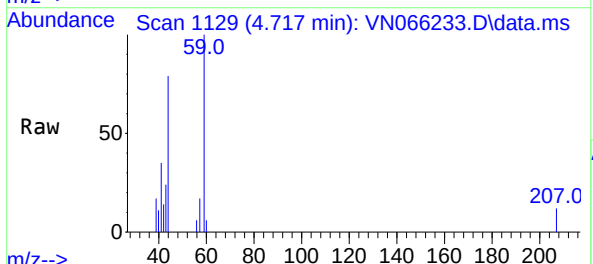
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

Manual Integrations
APPROVED

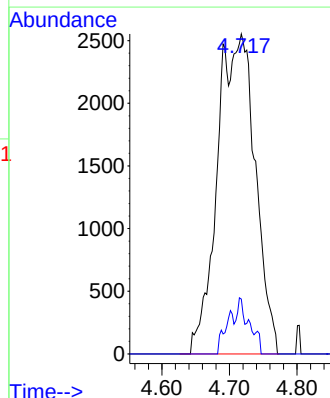
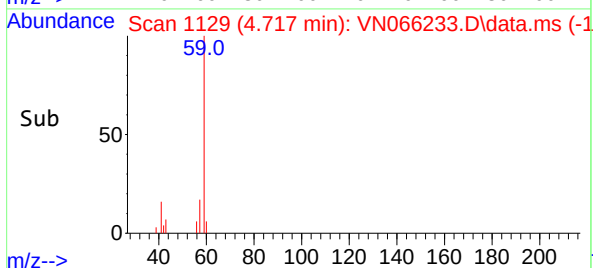
MMDadoda
3/18/2021 2:19:27 PM

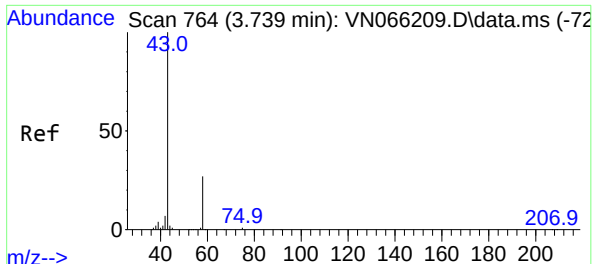


#11
Tert butyl alcohol
Concen: 12.10 ug/l m
RT: 4.717 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



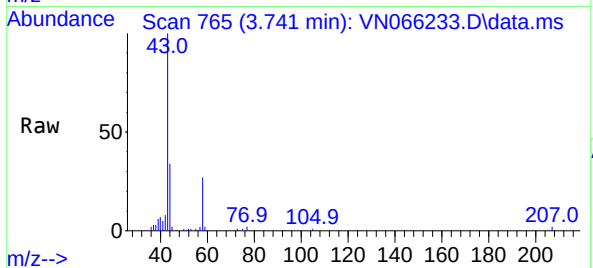
Tgt Ion: 59 Resp: 9948
Ion Ratio Lower Upper
59 100
57 3.4 8.0 12.0#





#16
Acetone
Concen: 21.51 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

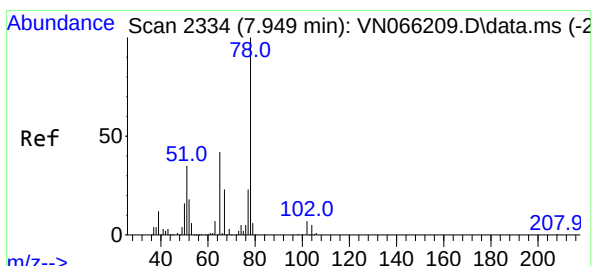
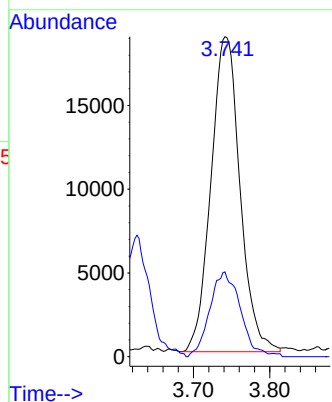
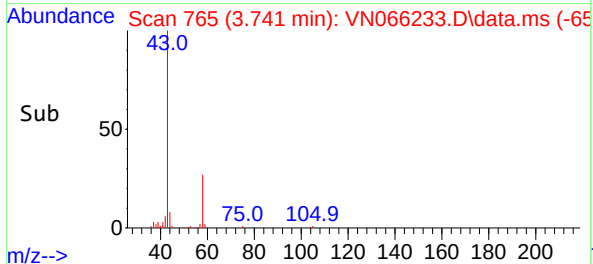
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



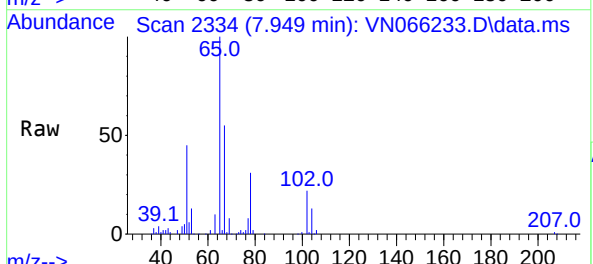
Tgt Ion: 43 Resp: 49793
Ion Ratio Lower Upper
43 100
58 26.0 22.3 33.5

Manual Integrations
APPROVED

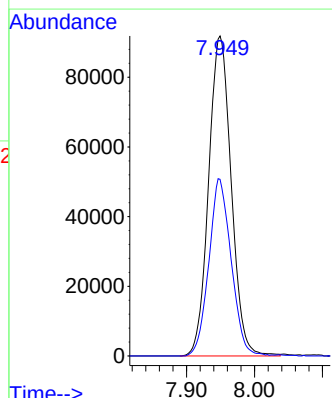
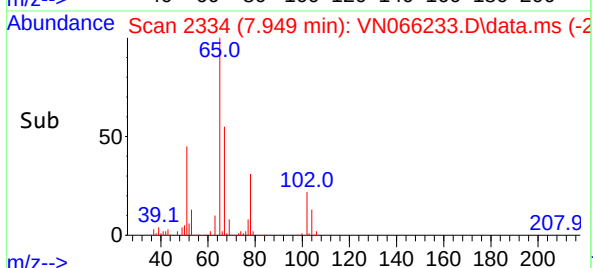
MMDadoda
3/18/2021 2:19:27 PM

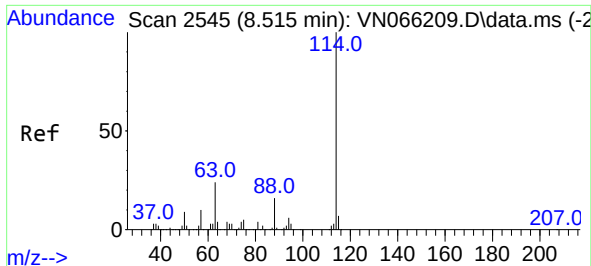


#33
1,2-Dichloroethane-d4
Concen: 44.05 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



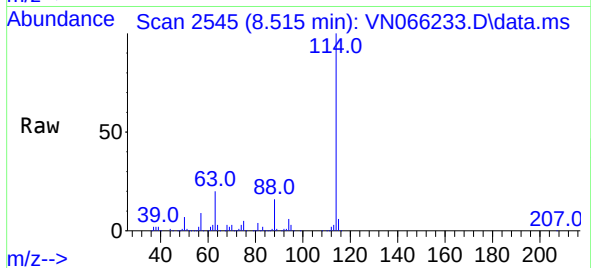
Tgt Ion: 65 Resp: 212257
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

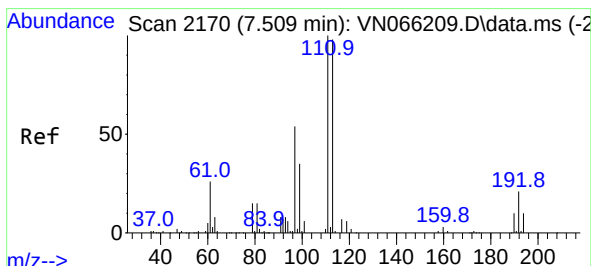
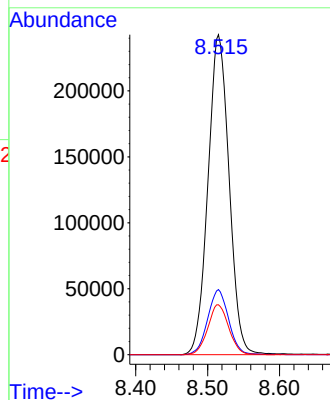
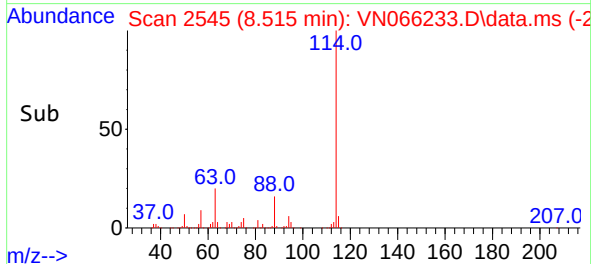
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



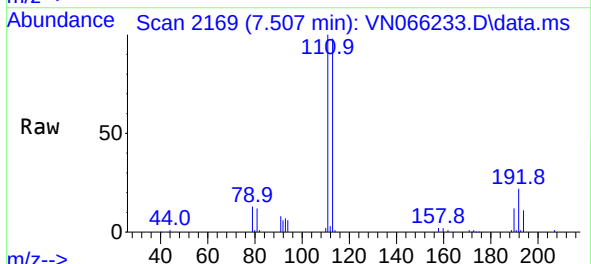
Tgt Ion:114 Resp: 494628
Ion Ratio Lower Upper
114 100
63 20.4 0.0 49.2
88 15.6 0.0 33.8

Manual Integrations
APPROVED

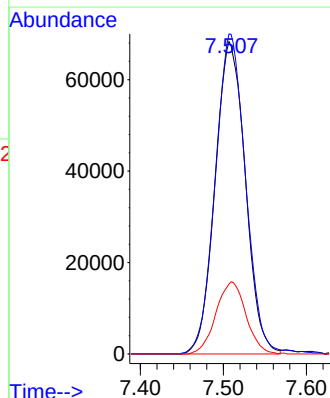
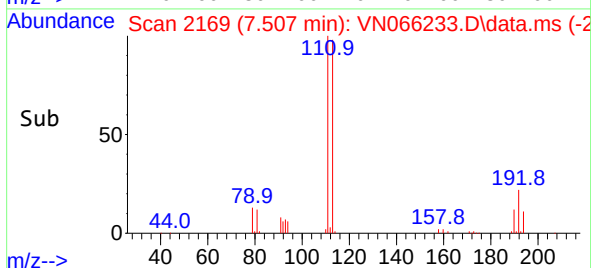
MMDadoda
3/18/2021 2:19:27 PM

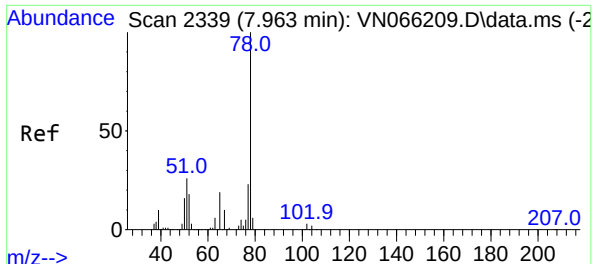


#35
Dibromofluoromethane
Concen: 54.65 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



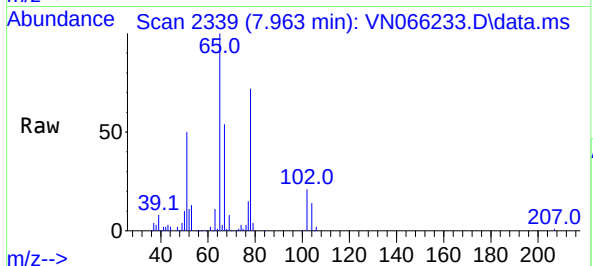
Tgt Ion:113 Resp: 172443
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 22.9 16.7 25.1





#40
Benzene
Concen: 6.74 ug/l
RT: 7.963 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

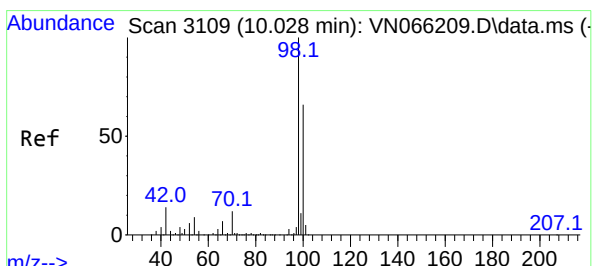
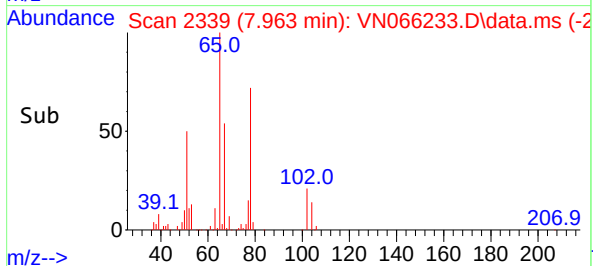
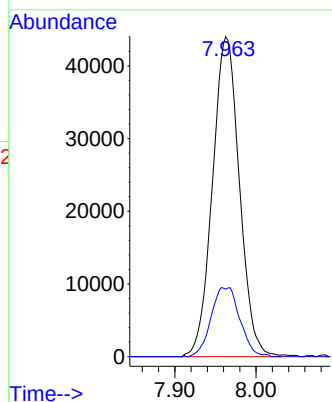
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



Tgt Ion: 78 Resp: 101291
Ion Ratio Lower Upper
78 100
77 21.1 18.5 27.7

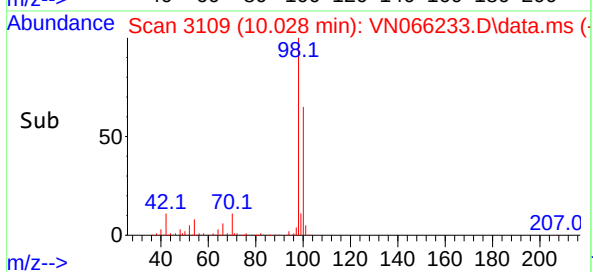
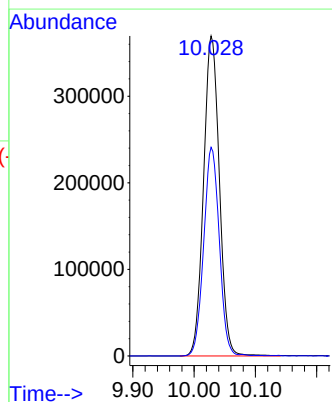
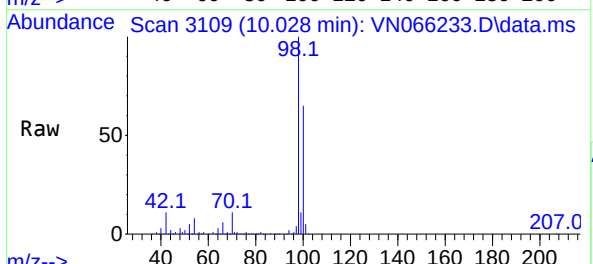
Manual Integrations
APPROVED

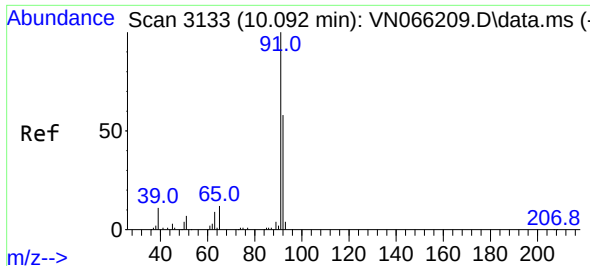
MMDadoda
3/18/2021 2:19:27 PM



#50
Toluene-d8
Concen: 54.39 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

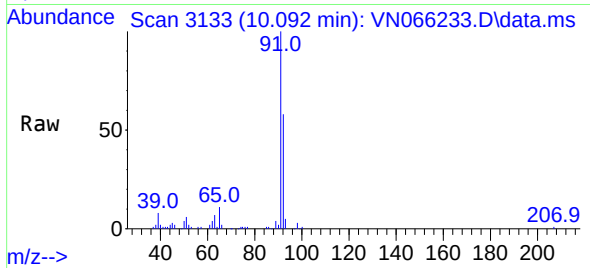
Tgt Ion: 98 Resp: 663629
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6





#52
Toluene
Concen: 5.95 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

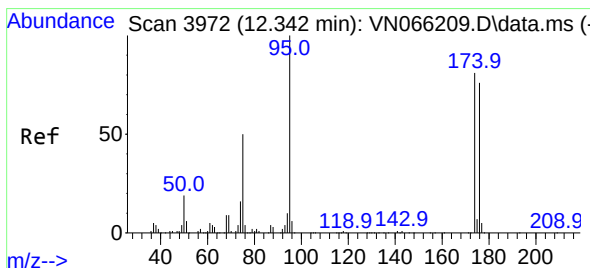
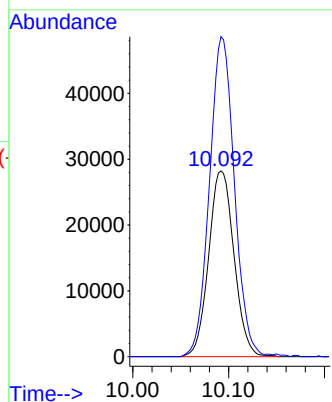
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



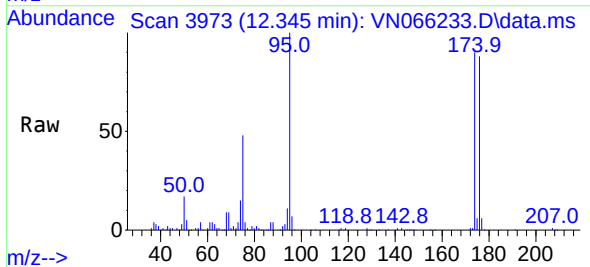
Tgt Ion: 92 Resp: 51827
Ion Ratio Lower Upper
92 100
91 169.3 137.5 206.3

Manual Integrations
APPROVED

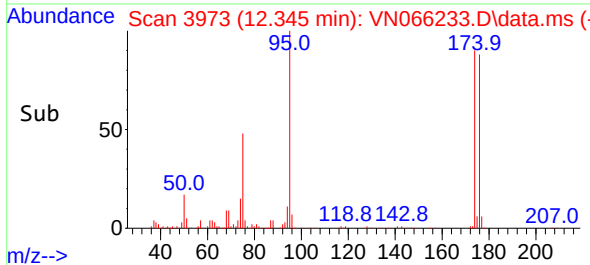
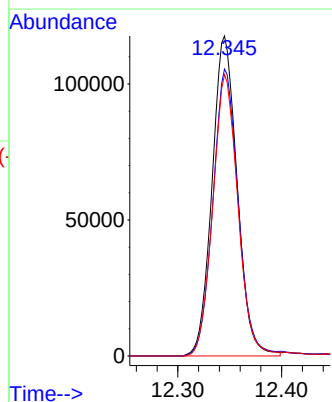
MMDadoda
3/18/2021 2:19:27 PM

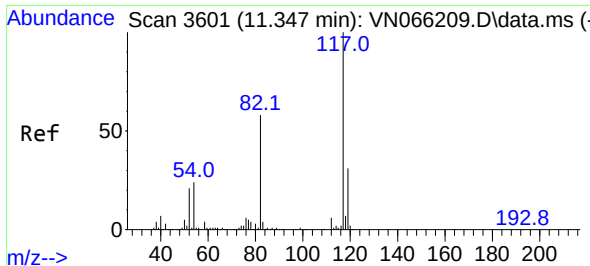


#62
4-Bromofluorobenzene
Concen: 44.74 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



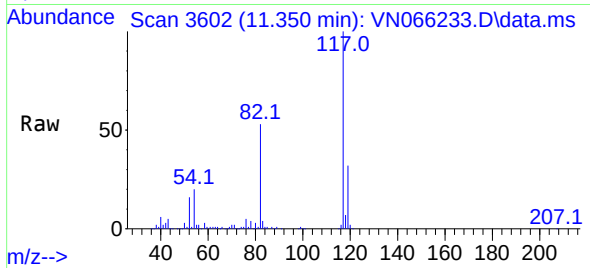
Tgt Ion: 95 Resp: 196746
Ion Ratio Lower Upper
95 100
174 91.6 0.0 162.4
176 89.1 0.0 156.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

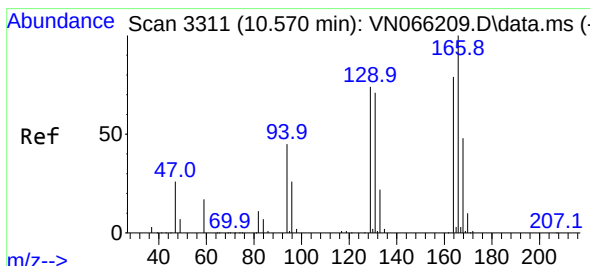
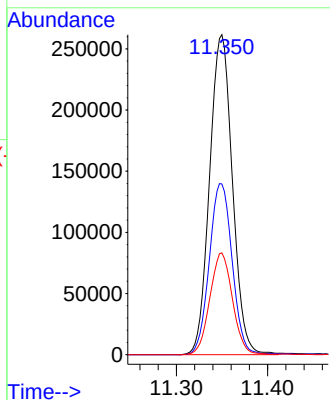
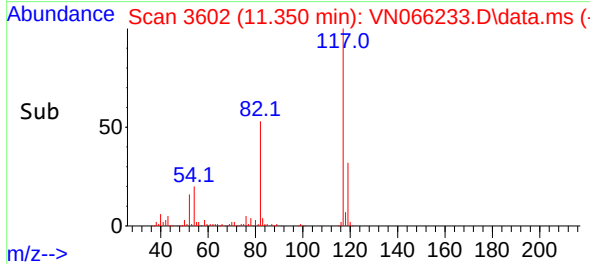
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



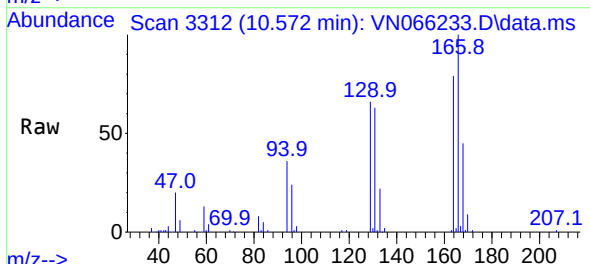
Tgt Ion:117 Resp: 455374
Ion Ratio Lower Upper
117 100
82 53.4 49.0 73.6
119 31.8 25.7 38.5

Manual Integrations
APPROVED

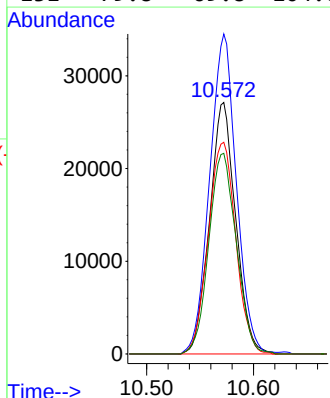
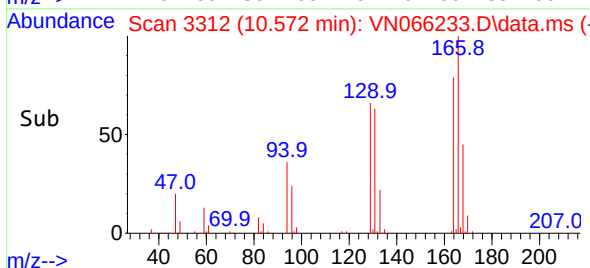
MMDadoda
3/18/2021 2:19:27 PM

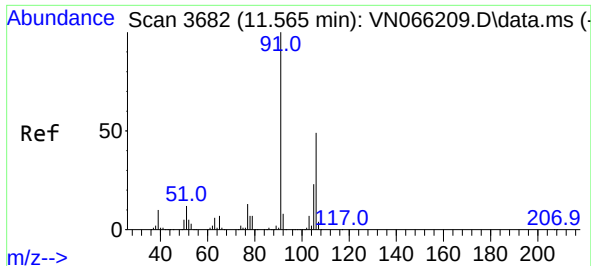


#64
Tetrachloroethene
Concen: 12.21 ug/l
RT: 10.572 min Scan# 3312
Delta R.T. 0.002 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



Tgt Ion:164 Resp: 46129
Ion Ratio Lower Upper
164 100
166 127.2 98.9 148.3
129 84.2 73.2 109.8
131 79.8 69.8 104.6





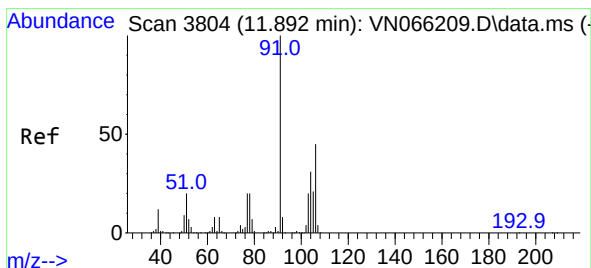
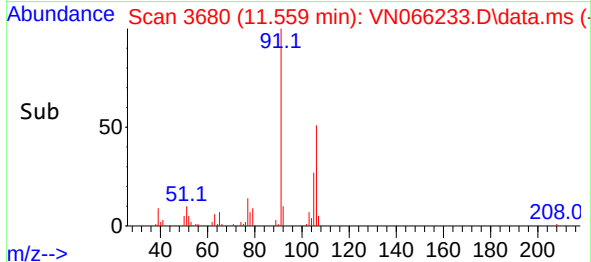
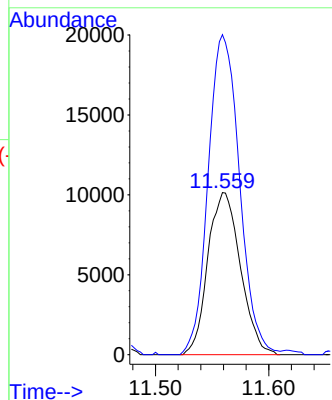
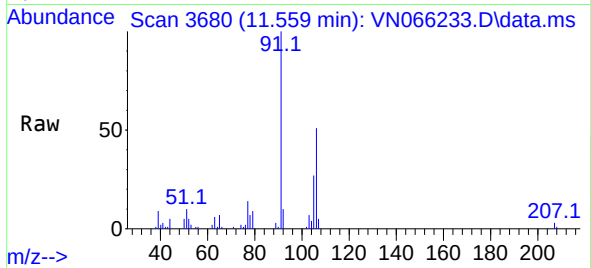
#68
m/p-Xylenes
Concen: 3.37 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.006 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

Tgt Ion:106 Resp: 20245
Ion Ratio Lower Upper
106 100
91 190.0 168.2 252.4

Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

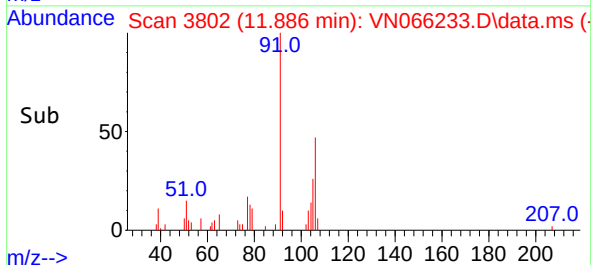
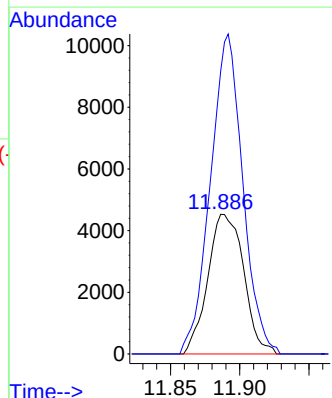
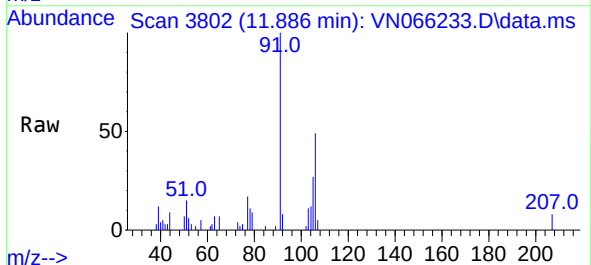
Manual Integrations
APPROVED

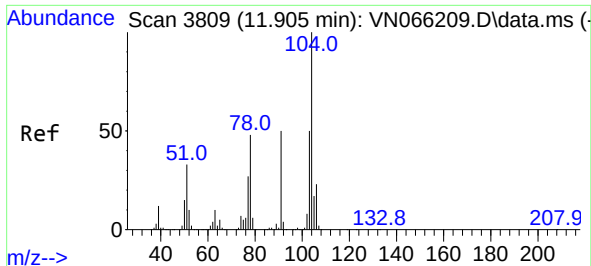
MMDadoda
3/18/2021 2:19:27 PM



#69
o-Xylene
Concen: 1.41 ug/l
RT: 11.886 min Scan# 3802
Delta R.T. -0.006 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

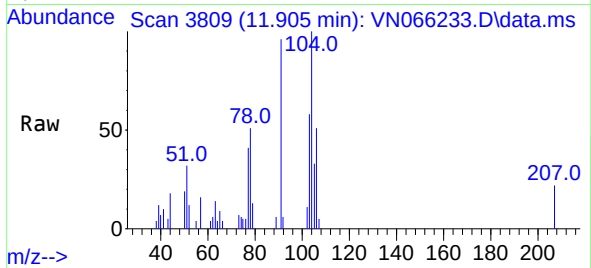
Tgt Ion:106 Resp: 8162
Ion Ratio Lower Upper
106 100
91 206.8 111.8 335.3





#70
Styrene
Concen: 2.84 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

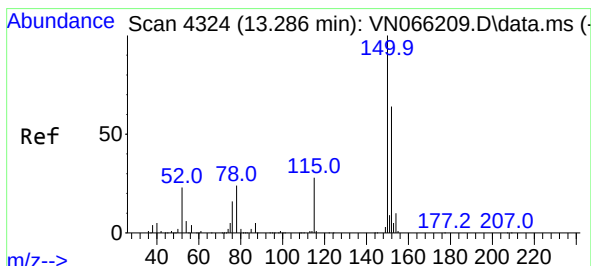
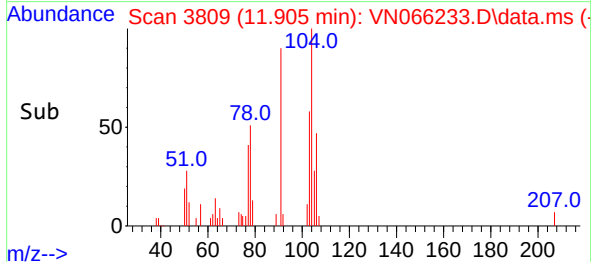
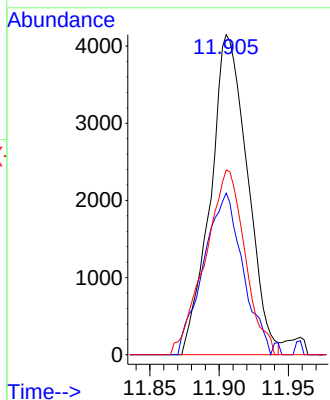
Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046



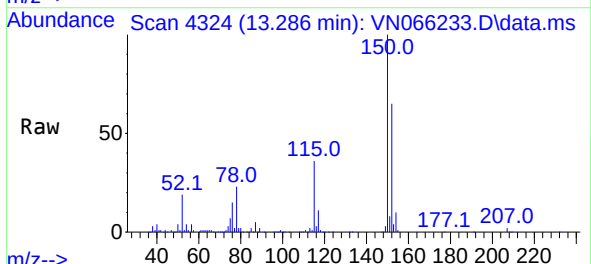
Tgt Ion:	104	Resp:	7695
Ion	Ratio	Lower	Upper
104	100		
78	53.6	43.8	65.6
103	62.1	43.7	65.5

Manual Integrations
APPROVED

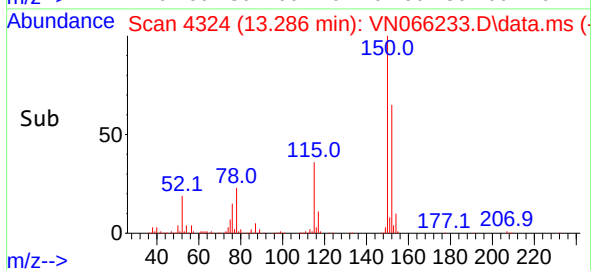
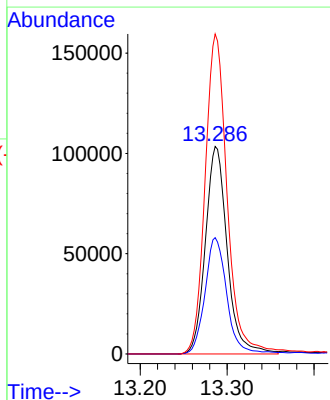
MMDadoda
3/18/2021 2:19:27 PM

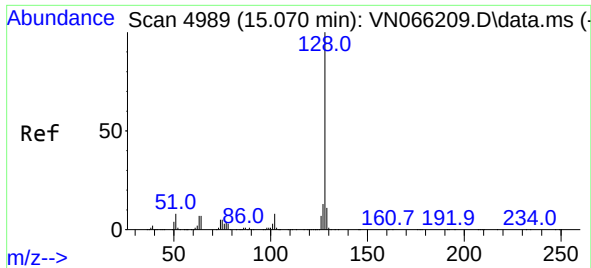


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54

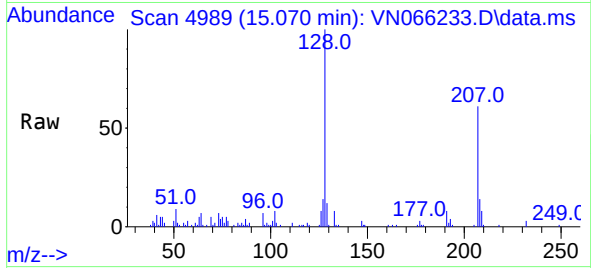


Tgt Ion:	152	Resp:	180628
Ion	Ratio	Lower	Upper
152	100		
115	56.2	29.4	88.3
150	156.7	0.0	352.2

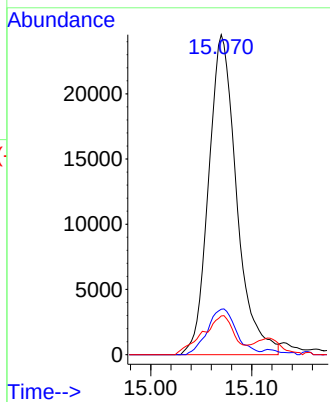
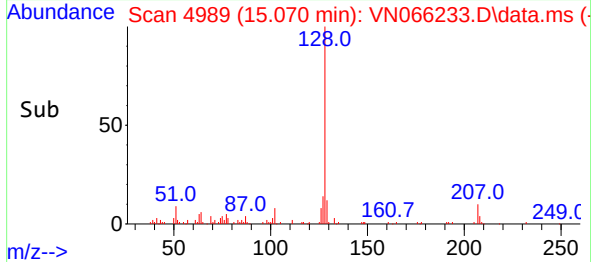




#95
Naphthalene
Concen: 4.46 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066233.D
Acq: 17 Mar 2021 14:54



Tgt Ion:128 Resp: 47235
Ion Ratio Lower Upper
128 100
127 14.7 10.3 15.5
129 13.6 8.4 12.6#



Instrument :
MSVOA_N
ClientSampleId :
AUD-1044-1046

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:19:27 PM