

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066267.D
 Acq On : 18 Mar 2021 19:38
 Operator : JC/MD
 Sample : M1687-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1052-1053

Quant Time: Mar 19 04:30:25 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)

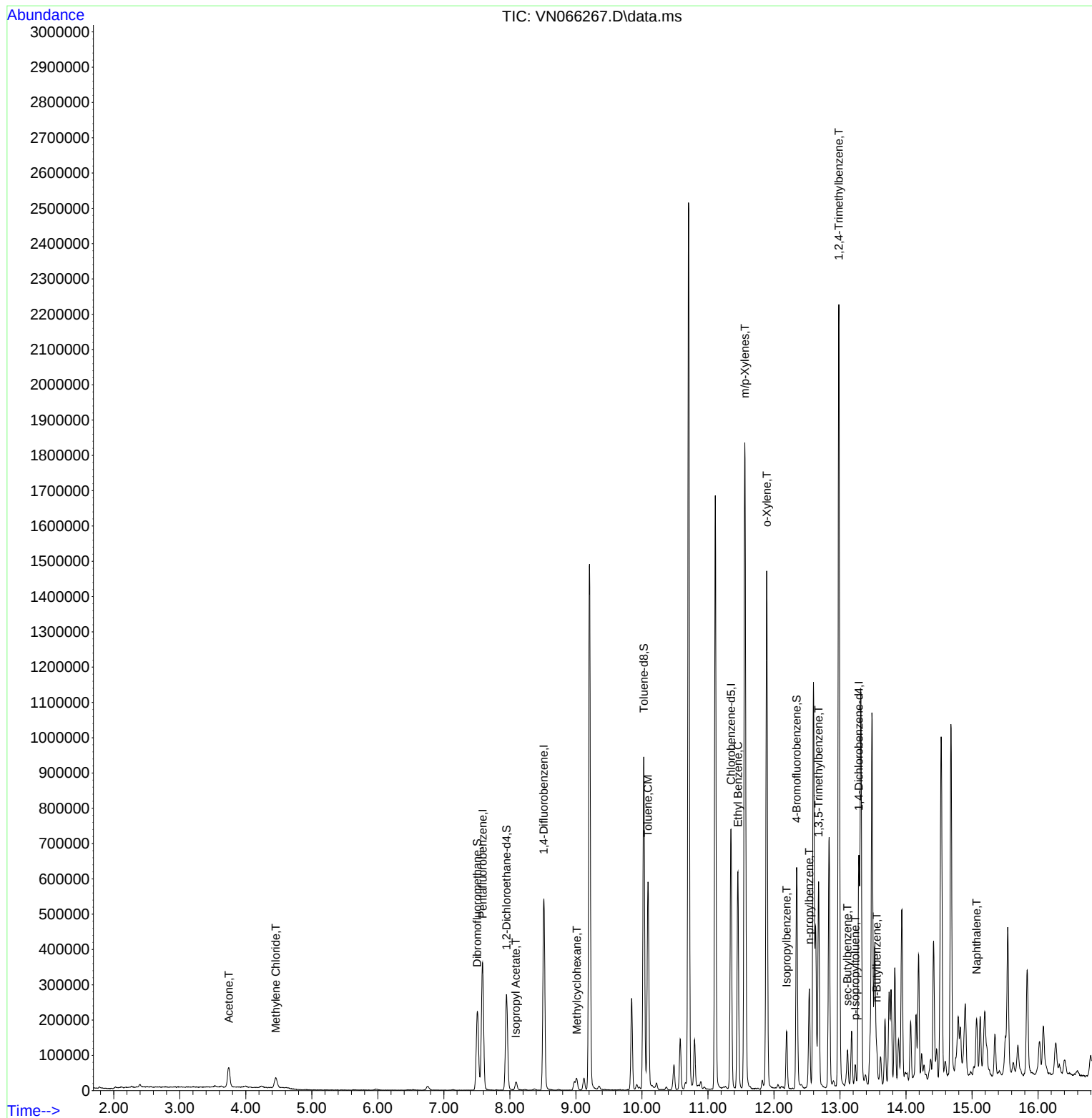
Internal Standards						
1) Pentafluorobenzene	7.587	168	313623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	466235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	404870	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	198743	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	217692	48.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.36%		
35) Dibromofluoromethane	7.507	113	172741	58.08	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.16%		
50) Toluene-d8	10.028	98	608825	52.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	105.88%		
62) 4-Bromofluorobenzene	12.345	95	215557	52.00	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.00%		
Target Compounds					Qvalue	
16) Acetone	3.741	43	95231	43.87	ug/l	96
20) Methylene Chloride	4.455	84	18150	5.34	ug/l	88
39) Methylcyclohexane	9.014	83	11753	2.32	ug/l	95
43) Isopropyl Acetate	8.091	43	27622	2.65	ug/l	95
52) Toluene	10.092	92	247706	30.15	ug/l	100
67) Ethyl Benzene	11.454	91	417211	28.96	ug/l	99
68) m/p-Xylenes	11.559	106	544974	101.95	ug/l	98
69) o-Xylene	11.892	106	388163	75.59	ug/l	96
73) Isopropylbenzene	12.192	105	100605	7.22	ug/l	97
78) n-propylbenzene	12.535	91	218891	13.66	ug/l	97
80) 1,3,5-Trimethylbenzene	12.677	105	314437	27.21	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	1260253	111.56	ug/l	94
85) sec-Butylbenzene	13.115	105	65069	5.04	ug/l	85
86) p-Isopropyltoluene	13.233	119	36527	3.22	ug/l	97
89) n-Butylbenzene	13.557	91	39299	5.54	ug/l #	73
95) Naphthalene	15.070	128	144535	12.40	ug/l	99

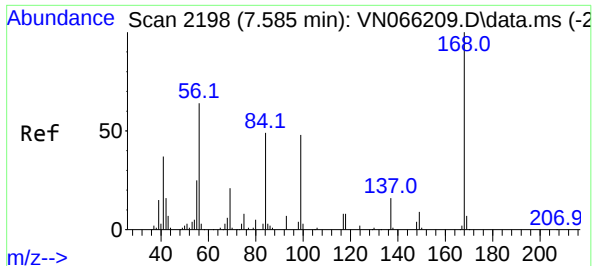
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
Data File : VN066267.D
Acq On : 18 Mar 2021 19:38
Operator : JC/MD
Sample : M1687-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

Quant Time: Mar 19 04:30:25 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

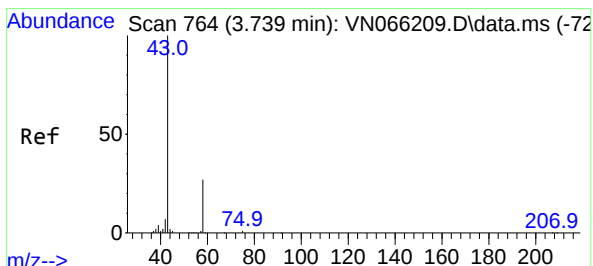
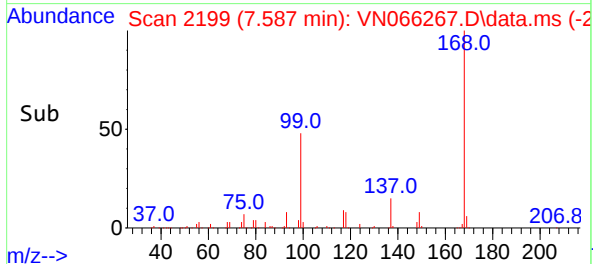
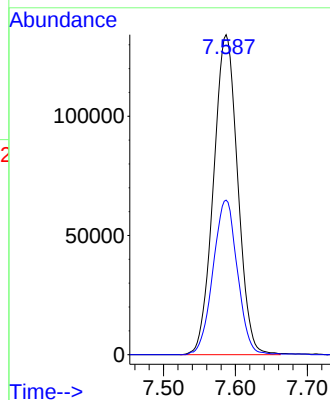
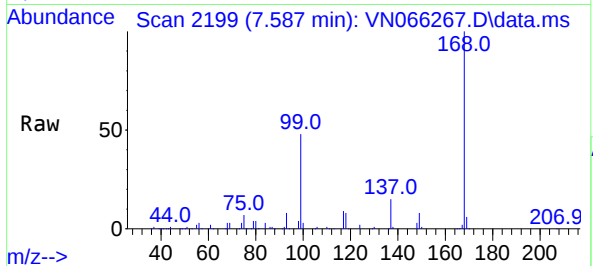




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

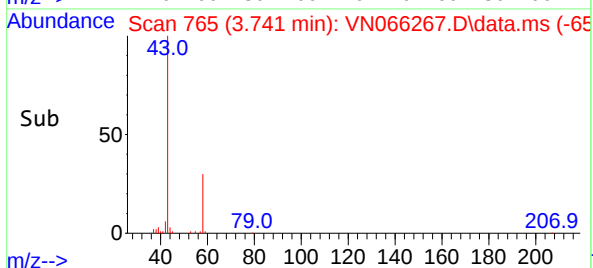
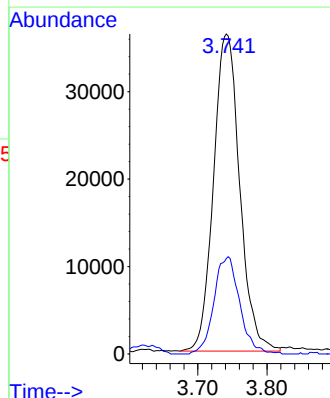
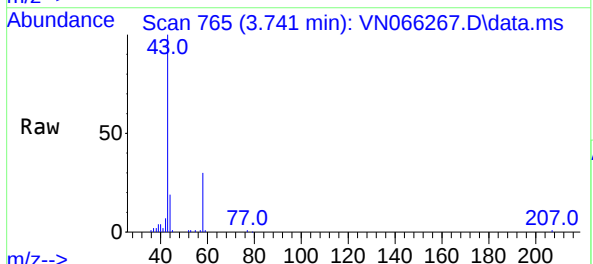
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

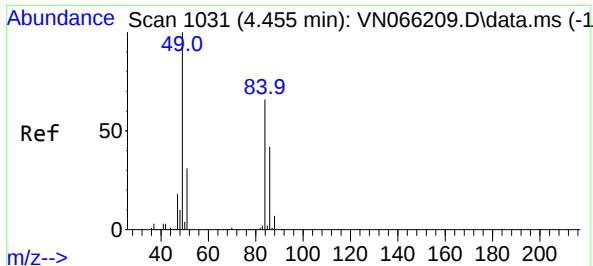
Tgt Ion:168 Resp: 313623
Ion Ratio Lower Upper
168 100
99 48.3 45.4 68.0



#16
Acetone
Concen: 43.87 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 43 Resp: 95231
Ion Ratio Lower Upper
43 100
58 30.1 22.3 33.5



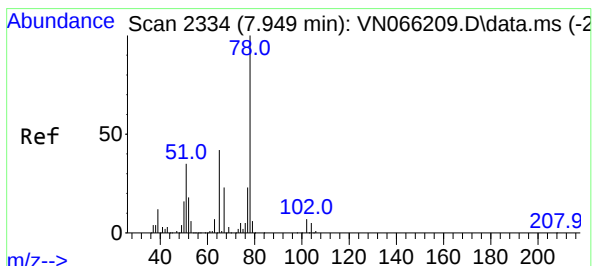
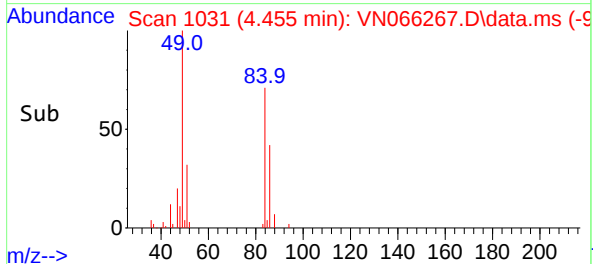
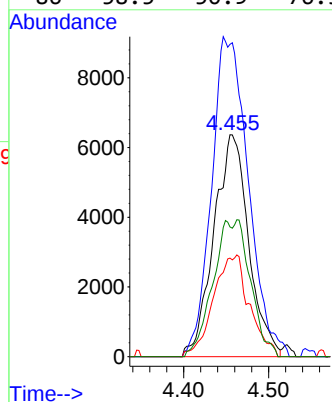
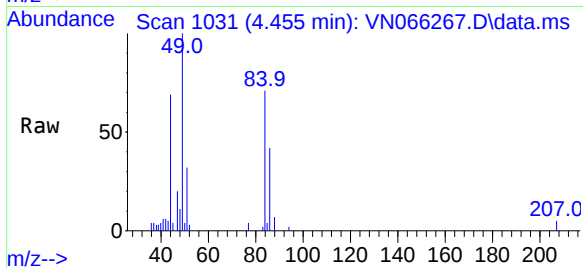


#20
Methylene Chloride
Concen: 5.34 ug/l
RT: 4.455 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

Tgt Ion: 84 Resp: 18150

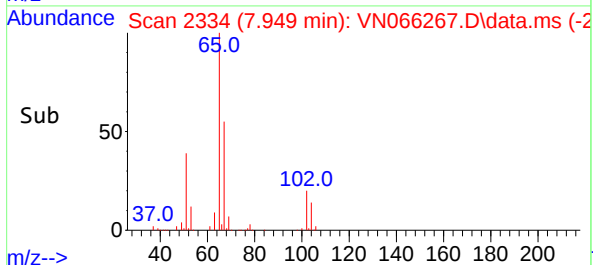
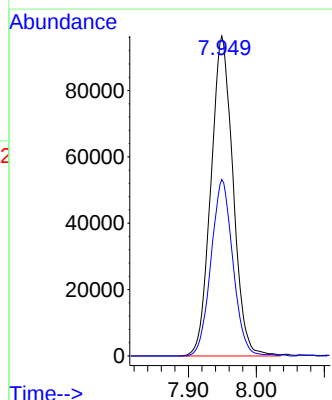
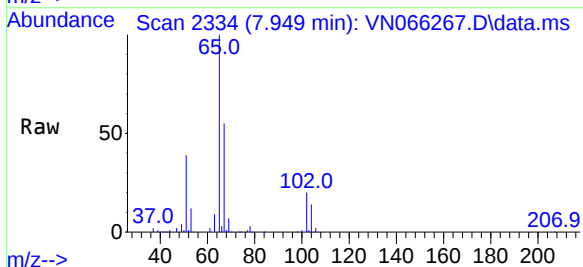
Ion	Ratio	Lower	Upper
84	100		
49	140.7	130.0	195.0
51	44.4	39.1	58.7
86	58.5	50.9	76.3

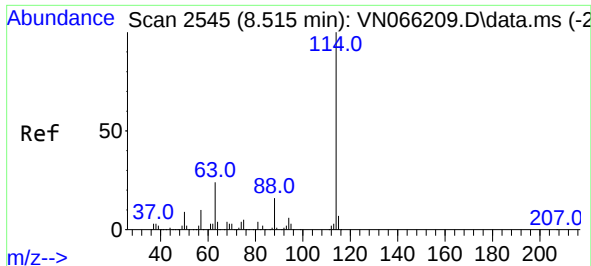


#33
1,2-Dichloroethane-d4
Concen: 48.18 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 65 Resp: 217692

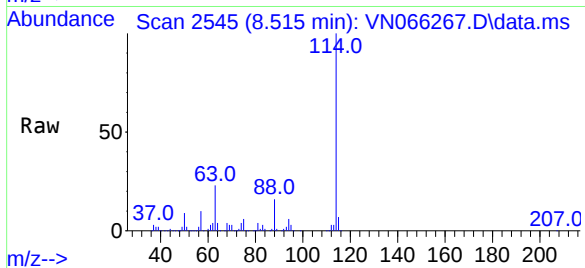
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.2



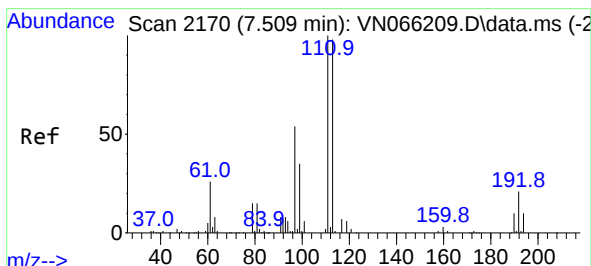
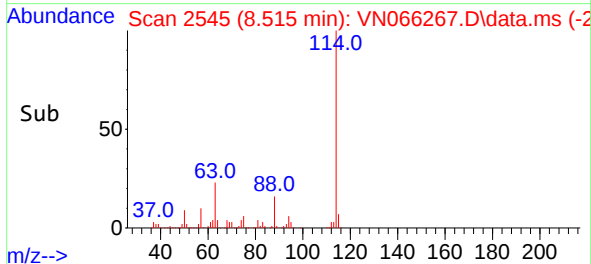
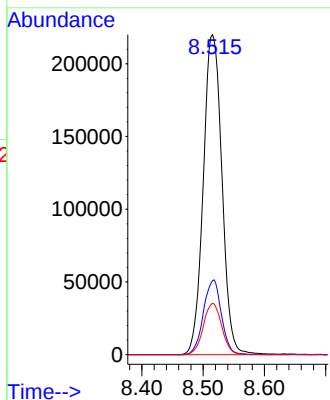


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

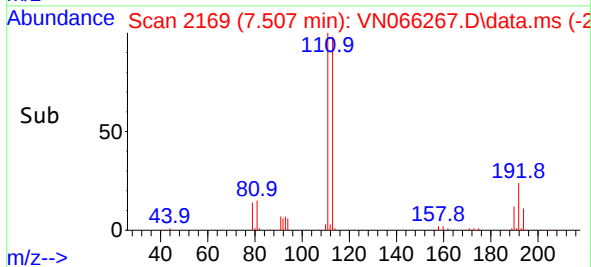
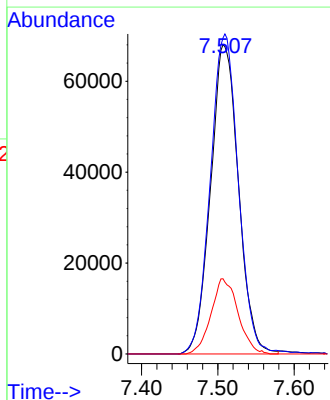
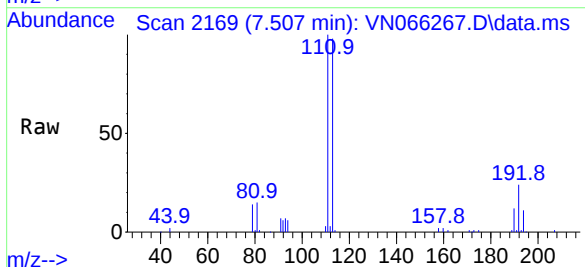


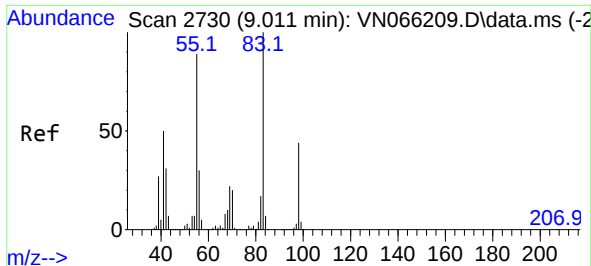
Tgt Ion:114 Resp: 466235
Ion Ratio Lower Upper
114 100
63 23.1 0.0 49.2
88 16.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 58.08 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion:113 Resp: 172741
Ion Ratio Lower Upper
113 100
111 103.4 84.0 126.0
192 23.6 16.7 25.1





#39

Methylcyclohexane

Concen: 2.32 ug/l

RT: 9.014 min Scan# 2731

Delta R.T. 0.003 min

Lab File: VN066267.D

Acq: 18 Mar 2021 19:38

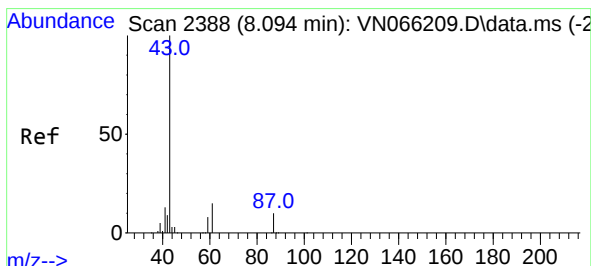
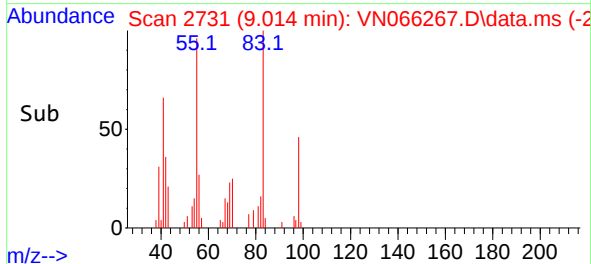
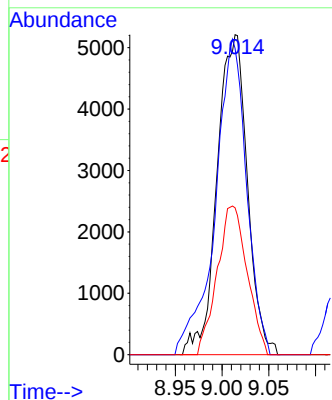
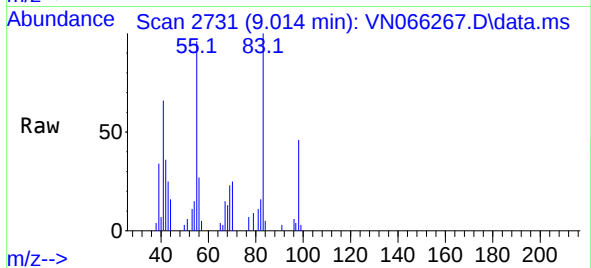
Instrument :

MSVOA_N

ClientSampleId :

AUD-1052-1053

Tgt Ion: 83	Resp: 11753
Ion Ratio	Lower Upper
83 100	
55 95.7	72.8 109.2
98 45.9	33.7 50.5



#43

Isopropyl Acetate

Concen: 2.65 ug/l

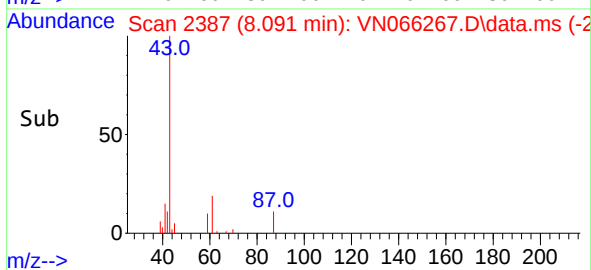
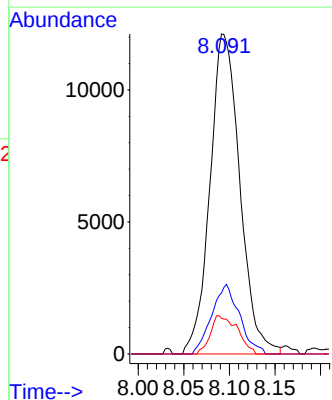
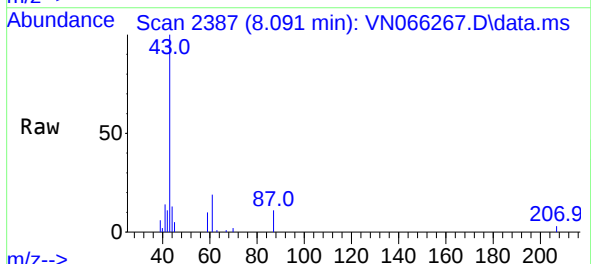
RT: 8.091 min Scan# 2387

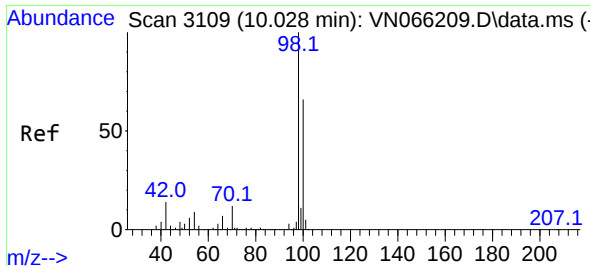
Delta R.T. -0.003 min

Lab File: VN066267.D

Acq: 18 Mar 2021 19:38

Tgt Ion: 43	Resp: 27622
Ion Ratio	Lower Upper
43 100	
61 20.2	14.0 21.0
87 10.7	7.9 11.9

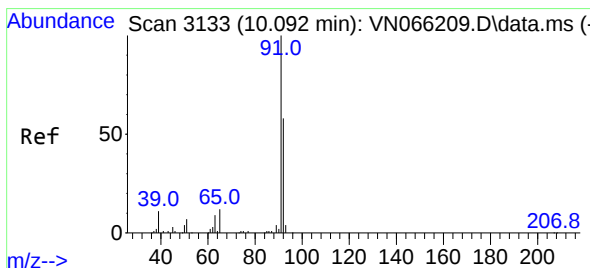
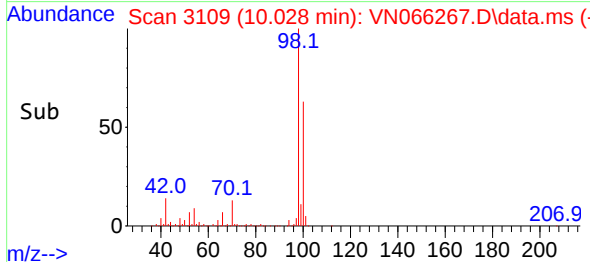
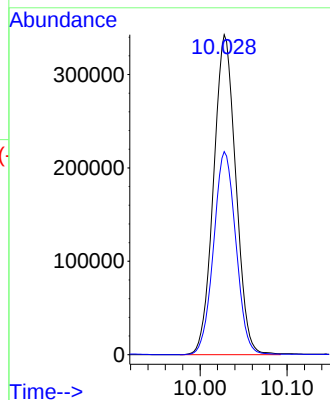
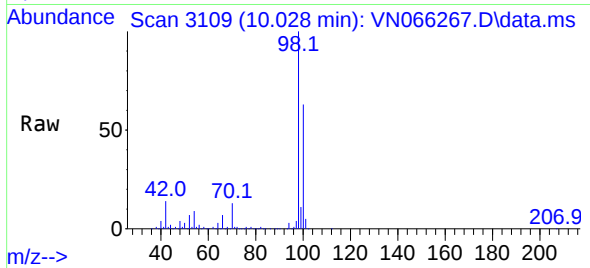




#50
Toluene-d8
Concen: 52.94 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

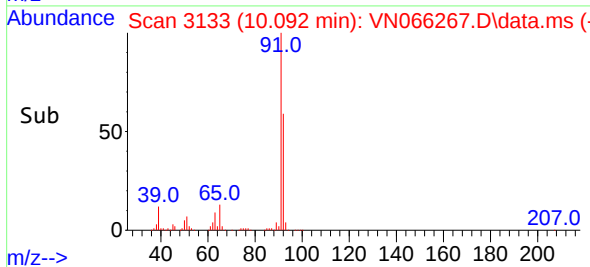
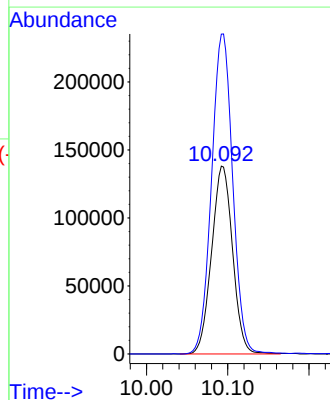
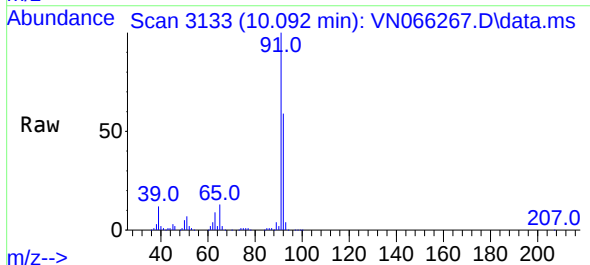
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

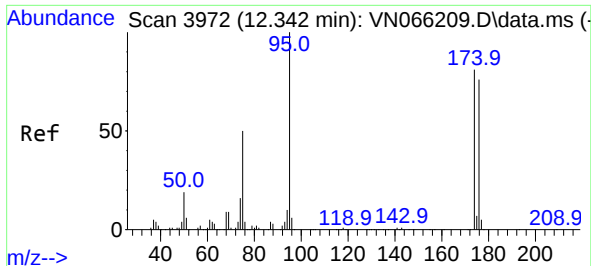
Tgt Ion: 98 Resp: 608825
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.6



#52
Toluene
Concen: 30.15 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 92 Resp: 247706
Ion Ratio Lower Upper
92 100
91 172.1 137.5 206.3



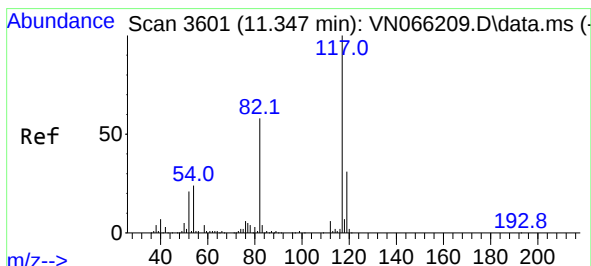
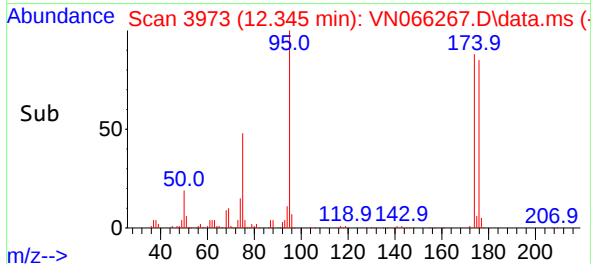
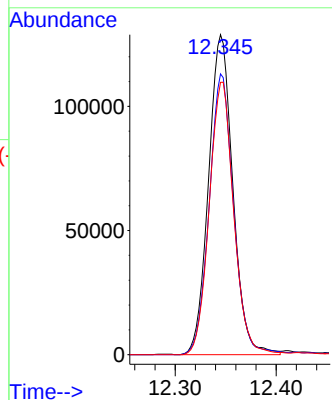
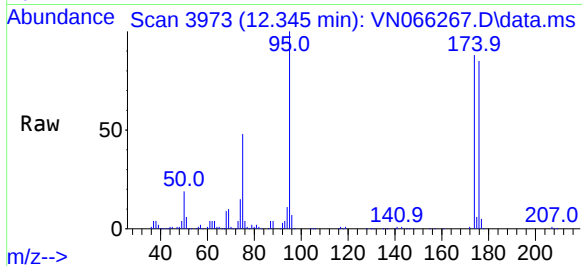


#62
4-Bromofluorobenzene
Concen: 52.00 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

Tgt Ion: 95 Resp: 215557

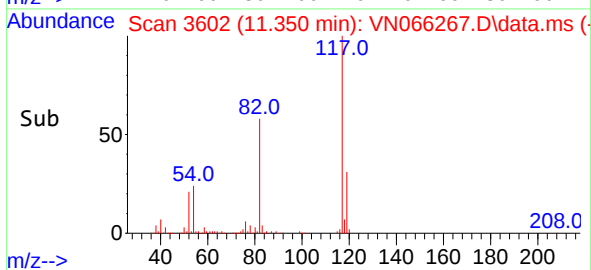
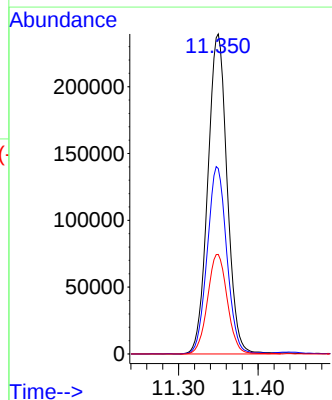
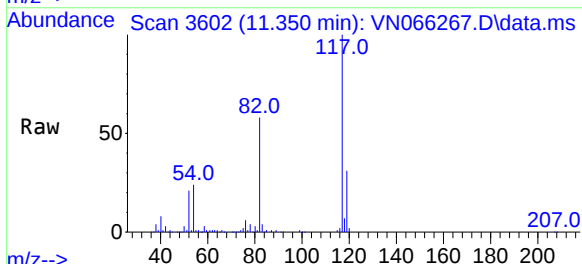
Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	162.4
176	85.8	0.0	156.2

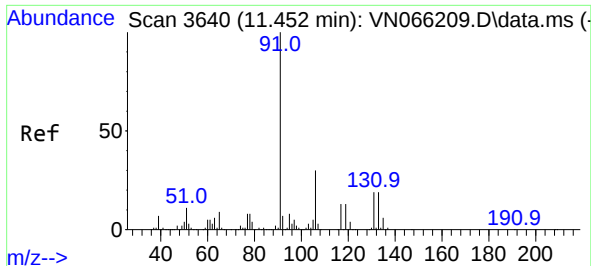


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 117 Resp: 404870

Ion	Ratio	Lower	Upper
117	100		
82	58.0	49.0	73.6
119	31.1	25.7	38.5

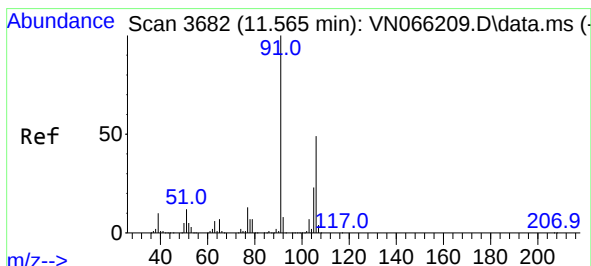
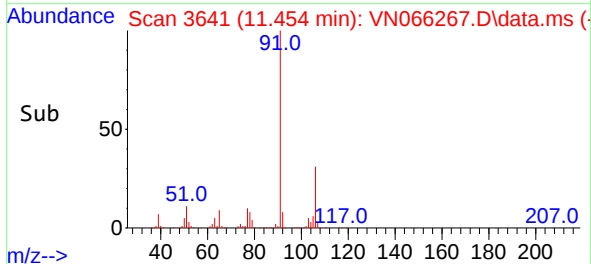
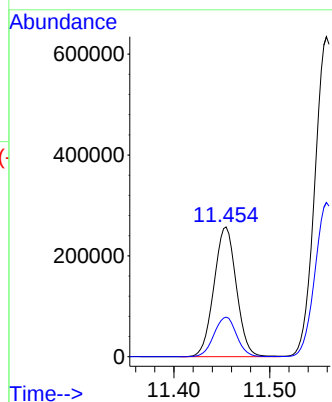
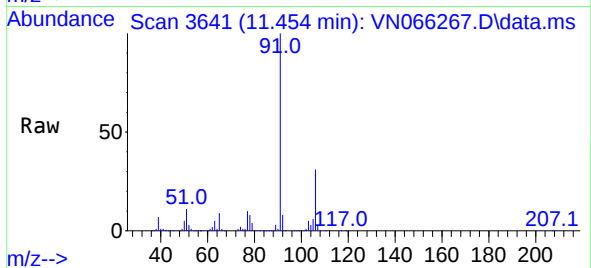




#67
Ethyl Benzene
Concen: 28.96 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. 0.002 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

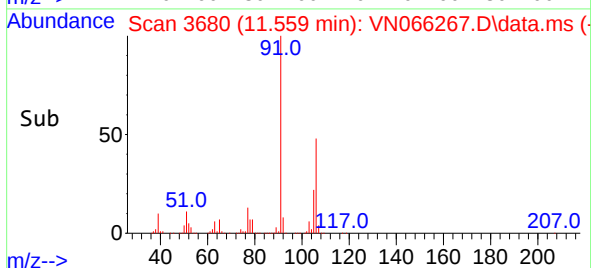
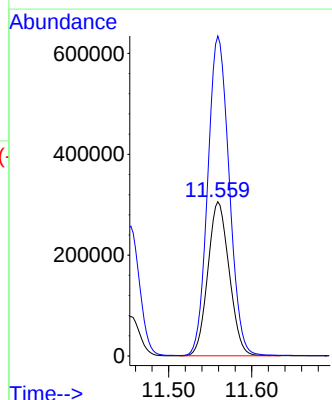
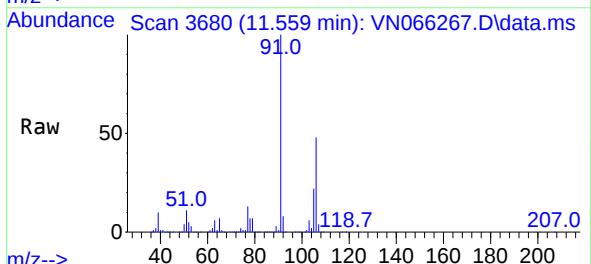
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

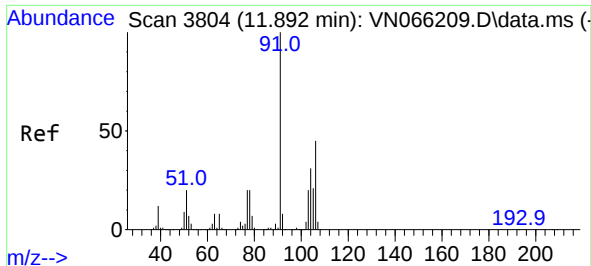
Tgt Ion: 91 Resp: 417211
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2



#68
m/p-Xylenes
Concen: 101.95 ug/l
RT: 11.559 min Scan# 3680
Delta R.T. -0.006 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion:106 Resp: 544974
Ion Ratio Lower Upper
106 100
91 207.9 168.2 252.4

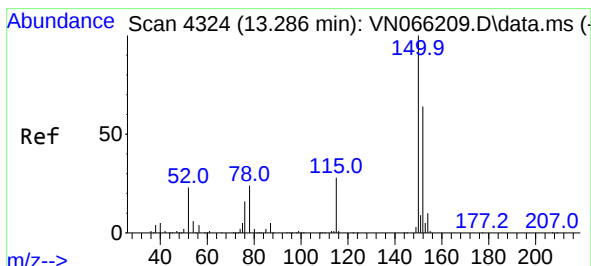
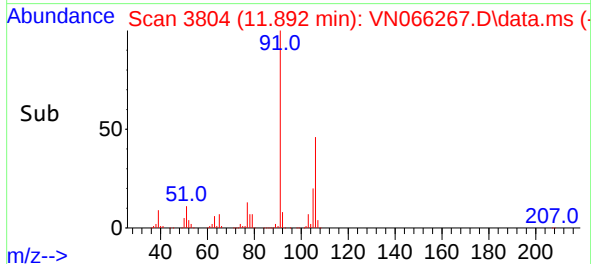
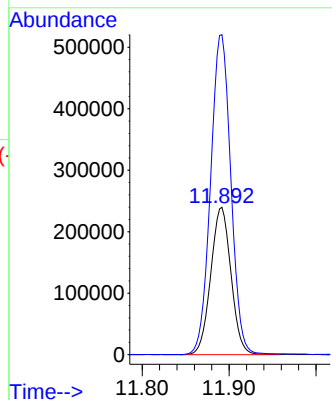
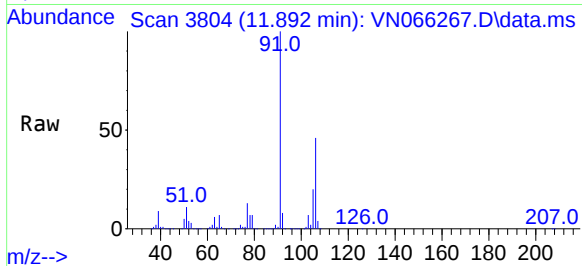




#69
o-Xylene
Concen: 75.59 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

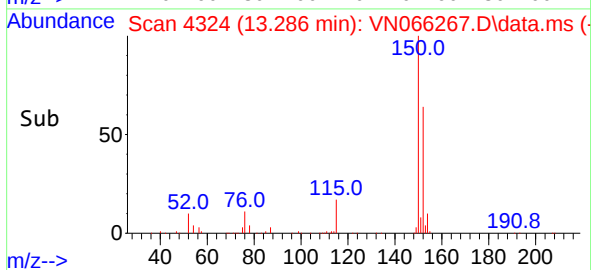
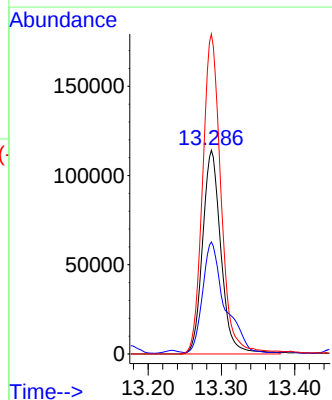
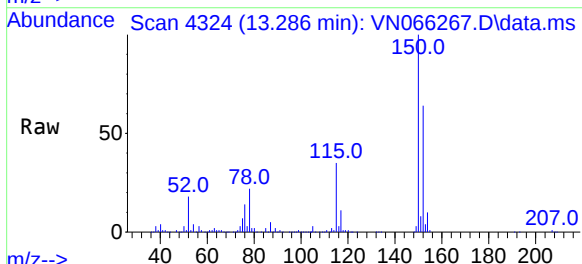
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

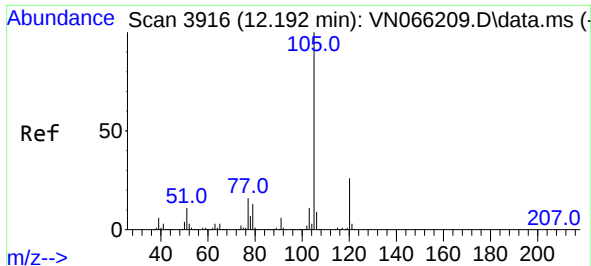
Tgt Ion:106 Resp: 388163
Ion Ratio Lower Upper
106 100
91 217.4 111.8 335.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion:152 Resp: 198743
Ion Ratio Lower Upper
152 100
115 65.1 29.4 88.3
150 156.7 0.0 352.2

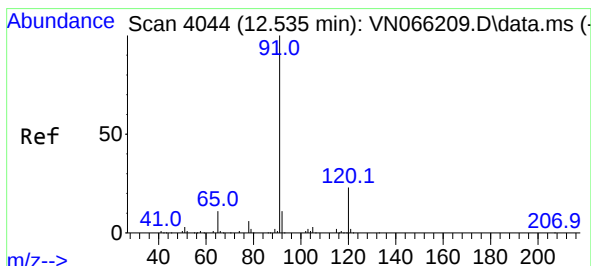
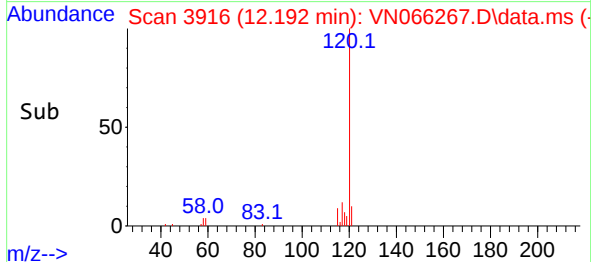
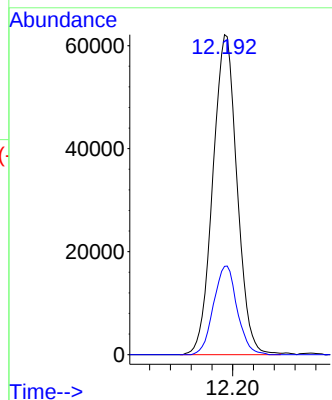
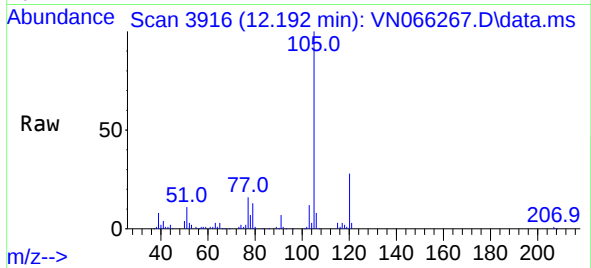




#73
Isopropylbenzene
Concen: 7.22 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

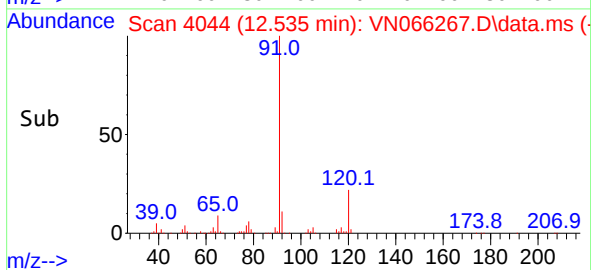
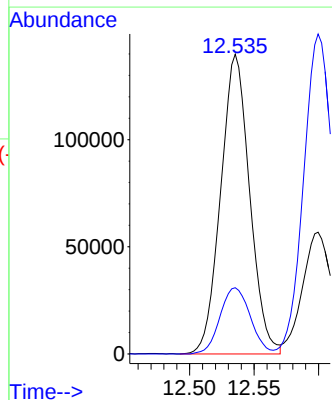
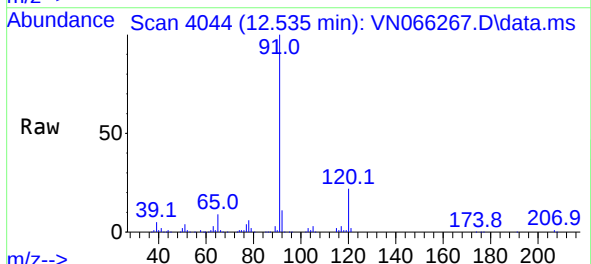
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

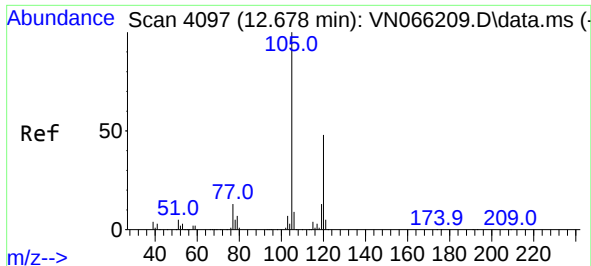
Tgt Ion:105 Resp: 100605
Ion Ratio Lower Upper
105 100
120 27.0 12.8 38.3



#78
n-propylbenzene
Concen: 13.66 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 91 Resp: 218891
Ion Ratio Lower Upper
91 100
120 23.1 10.8 32.4

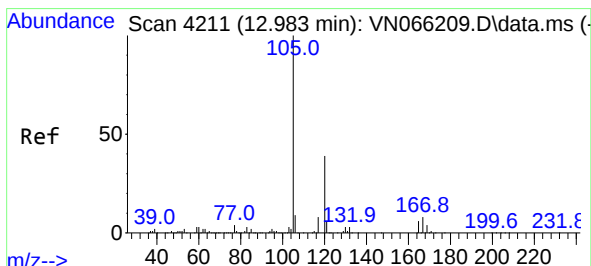
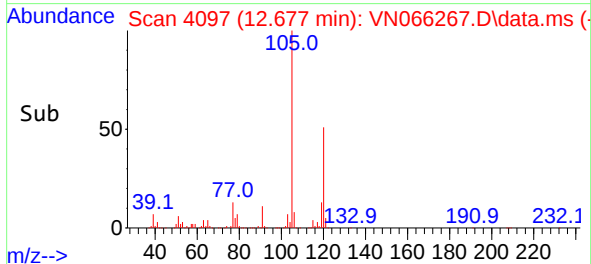
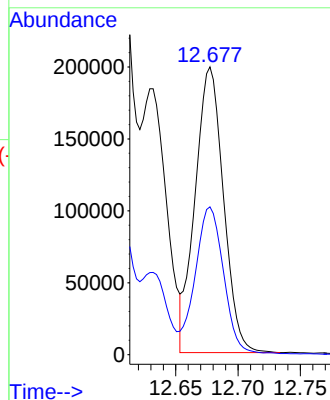
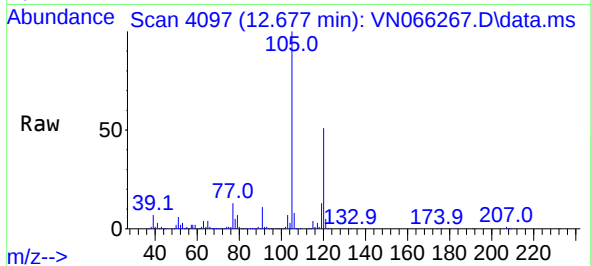




#80
1,3,5-Trimethylbenzene
Concen: 27.21 ug/l
RT: 12.677 min Scan# 4097
Delta R.T. -0.001 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

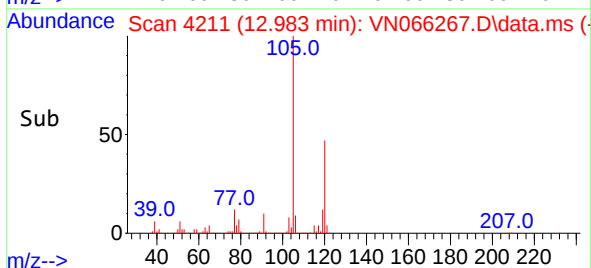
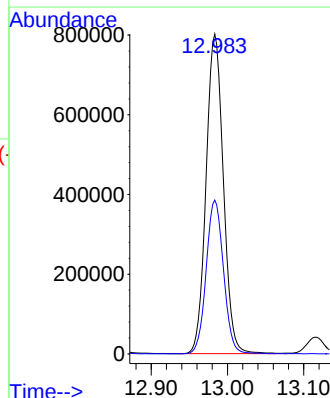
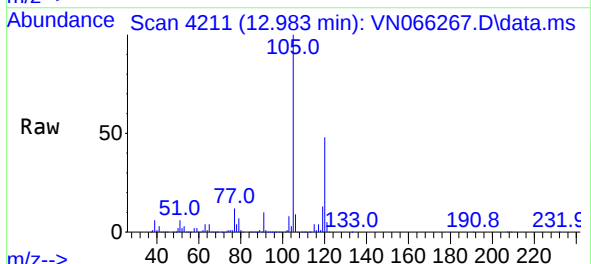
Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

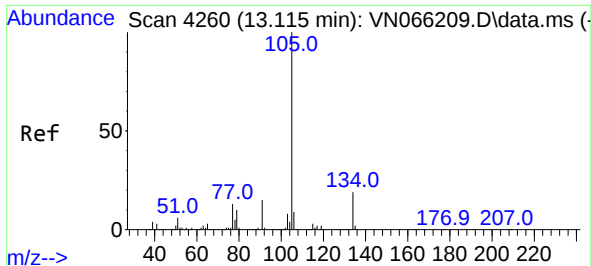
Tgt Ion:105 Resp: 314437
Ion Ratio Lower Upper
105 100
120 51.0 23.9 71.8



#84
1,2,4-Trimethylbenzene
Concen: 111.56 ug/l
RT: 12.983 min Scan# 4211
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion:105 Resp: 1260253
Ion Ratio Lower Upper
105 100
120 48.3 22.1 66.5

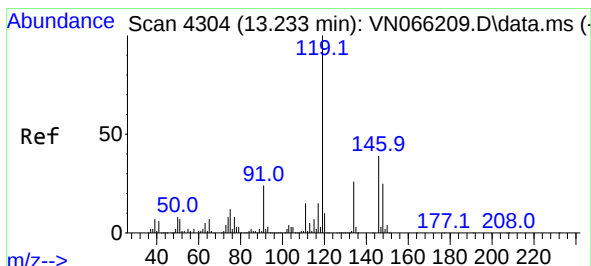
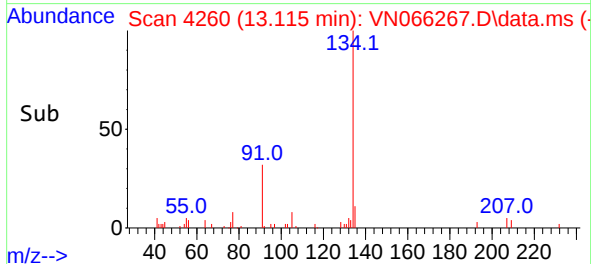
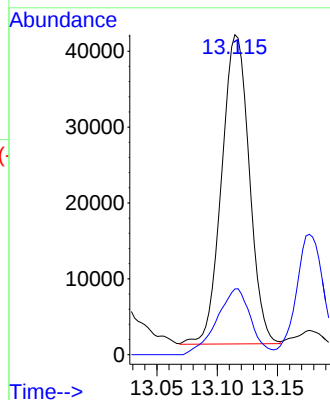
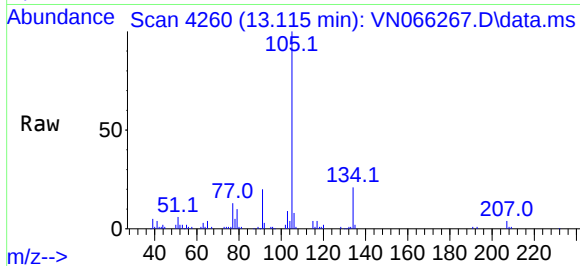




#85
 sec-Butylbenzene
 Concen: 5.04 ug/l
 RT: 13.115 min Scan# 4260
 Delta R.T. -0.000 min
 Lab File: VN066267.D
 Acq: 18 Mar 2021 19:38

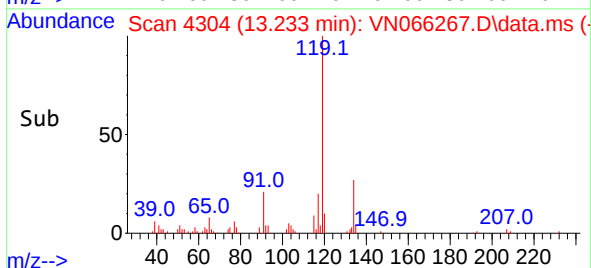
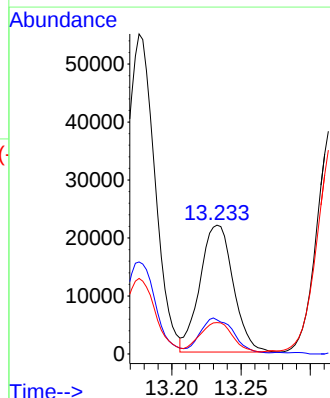
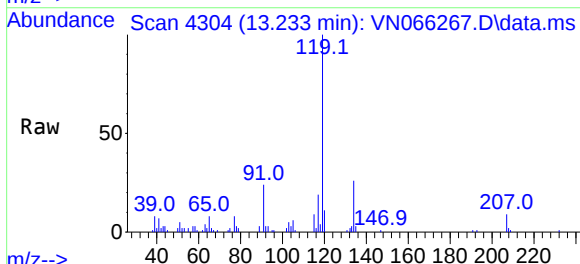
Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1052-1053

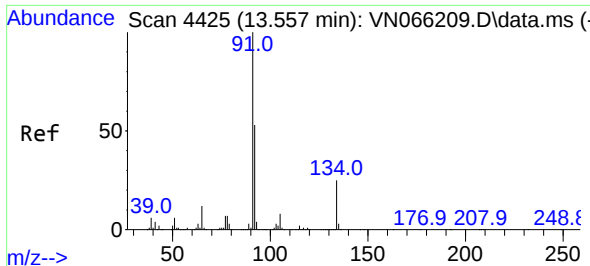
Tgt Ion:105 Resp: 65069
 Ion Ratio Lower Upper
 105 100
 134 26.2 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 3.22 ug/l
 RT: 13.233 min Scan# 4304
 Delta R.T. -0.000 min
 Lab File: VN066267.D
 Acq: 18 Mar 2021 19:38

Tgt Ion:119 Resp: 36527
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.1 39.1
 91 22.4 12.0 36.0

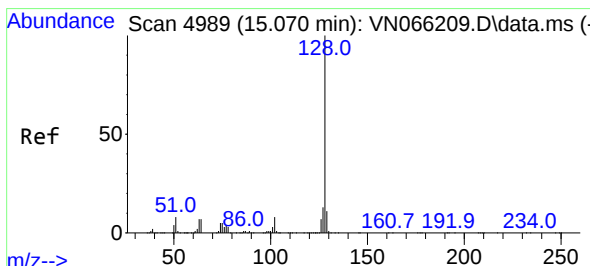
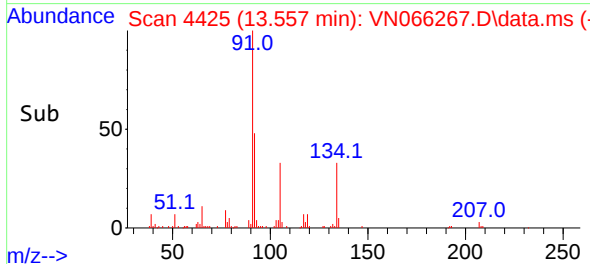
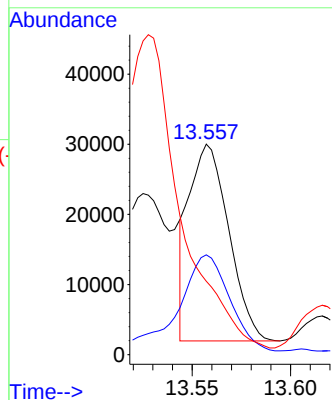
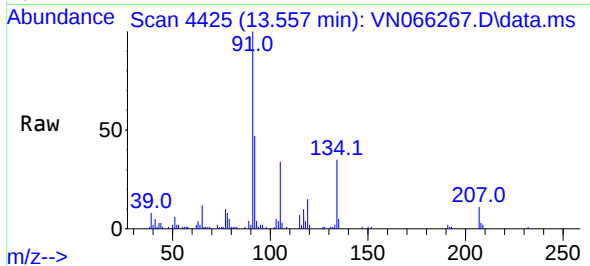




#89
n-Butylbenzene
Concen: 5.54 ug/l
RT: 13.557 min Scan# 4425
Delta R.T. 0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Instrument :
MSVOA_N
ClientSampleId :
AUD-1052-1053

Tgt Ion: 91 Resp: 39299
Ion Ratio Lower Upper
91 100
92 63.8 25.7 77.0
134 0.0 11.8 35.4#



#95
Naphthalene
Concen: 12.40 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066267.D
Acq: 18 Mar 2021 19:38

Tgt Ion: 128 Resp: 144535
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.8 8.4 12.6

