

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066237.D
 Acq On : 17 Mar 2021 16:23
 Operator : JC/MD
 Sample : M1687-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1022

Quant Time: Mar 18 04:45:47 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)

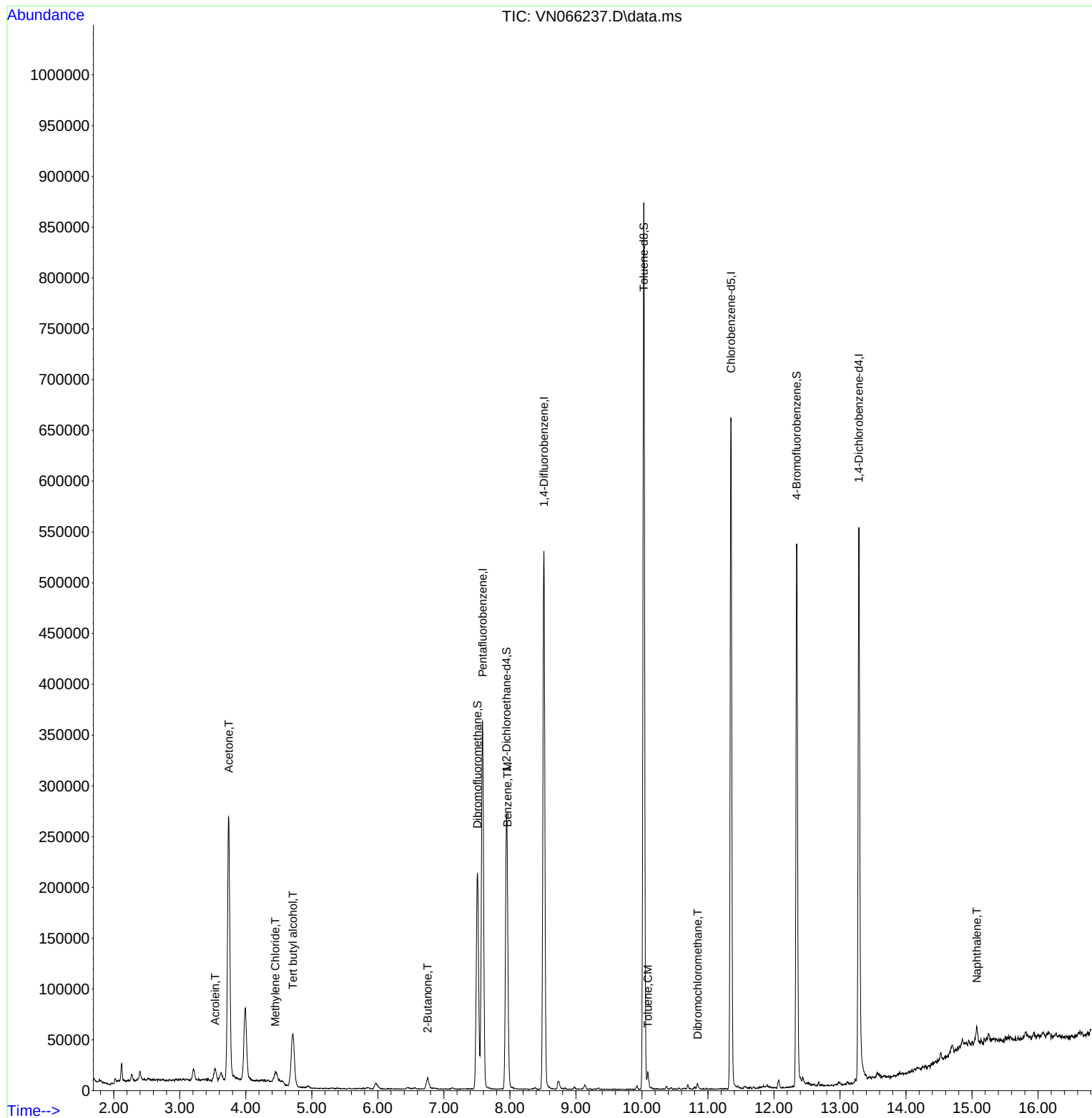
Internal Standards						
1) Pentafluorobenzene	7.587	168	318453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	474327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	409990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	165008	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	201803	43.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.96%		
35) Dibromofluoromethane	7.509	113	165115	54.57	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.14%		
50) Toluene-d8	10.028	98	597989	51.11	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.22%		
62) 4-Bromofluorobenzene	12.345	95	188015	44.58	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.16%		
Target Compounds						
11) Tert butyl alcohol	4.715	59	102088	130.35	ug/l #	89
13) Acrolein	3.537	56	11544	2.94	ug/l #	67
16) Acetone	3.741	43	428777	194.54	ug/l	100
20) Methylene Chloride	4.449	84	4968	1.44	ug/l #	75
25) 2-Butanone	6.756	43	17843	5.21	ug/l #	91
40) Benzene	7.963	78	49414	3.43	ug/l	97
52) Toluene	10.092	92	5905	0.71	ug/l	99
60) Dibromochloromethane	10.846	129	3081	0.86	ug/l	98
95) Naphthalene	15.075	128	14402	1.49	ug/l	100

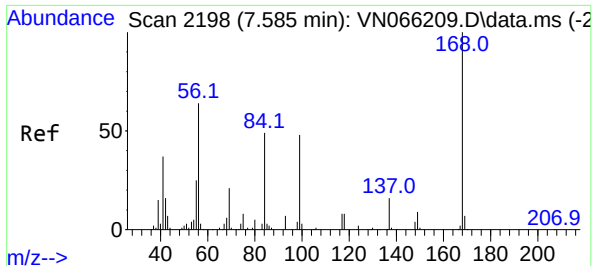
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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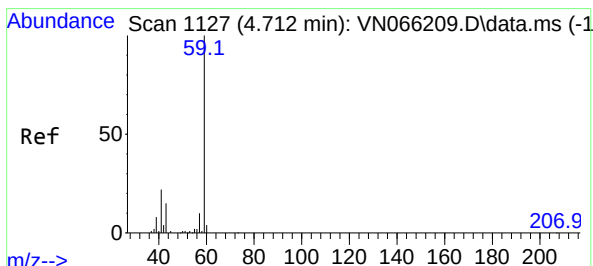
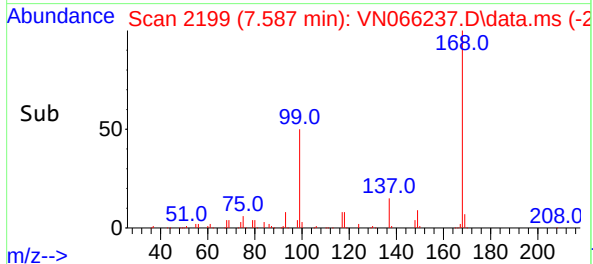
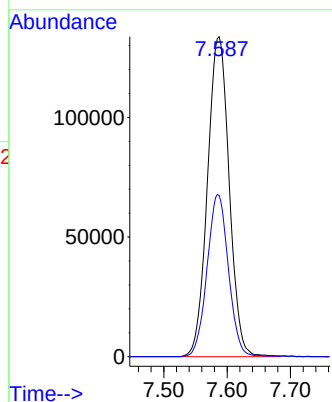
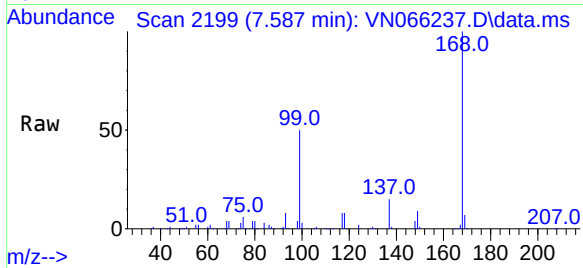




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.587 min Scan# 2199
Delta R.T. 0.002 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

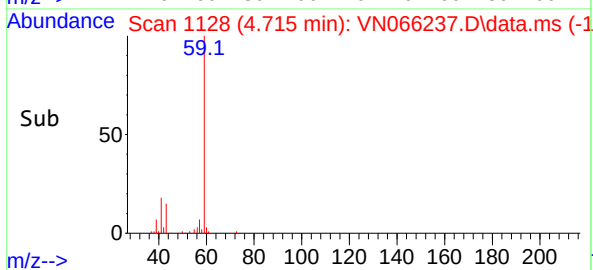
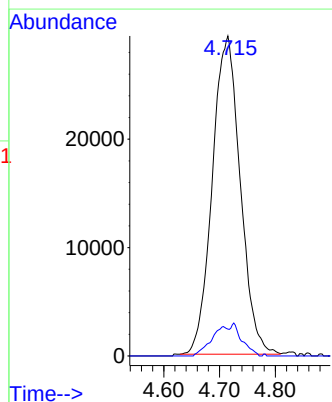
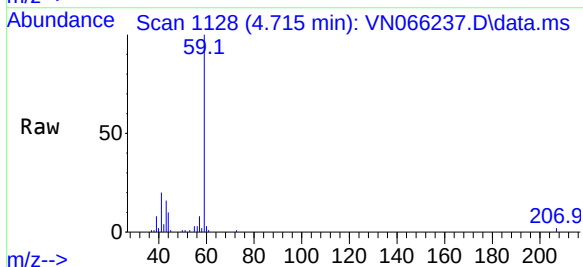
Instrument :
MSVOA_N
ClientSampled :
AUD-1022

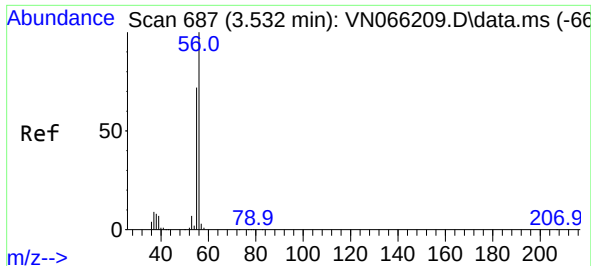
Tgt Ion:168 Resp: 318453
Ion Ratio Lower Upper
168 100
99 50.4 45.4 68.0



#11
Tert butyl alcohol
Concen: 130.35 ug/l
RT: 4.715 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 59 Resp: 102088
Ion Ratio Lower Upper
59 100
57 5.9 8.0 12.0#

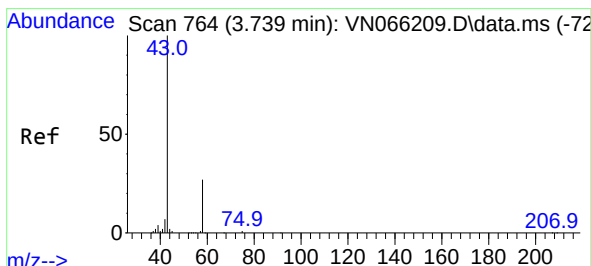
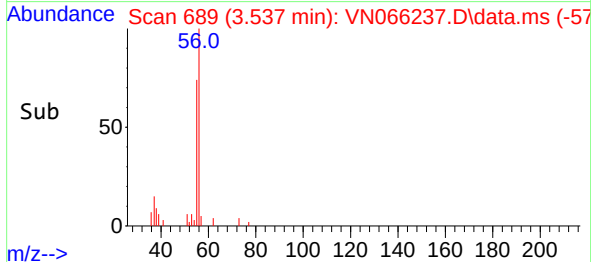
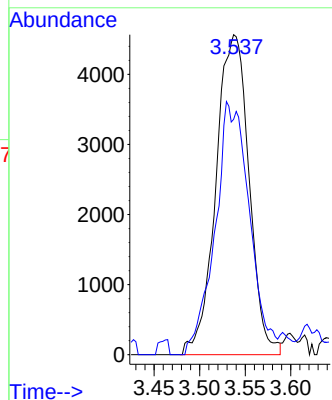
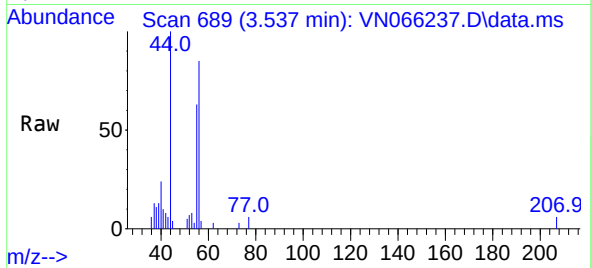




#13
Acrolein
Concen: 2.94 ug/l
RT: 3.537 min Scan# 689
Delta R.T. 0.005 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

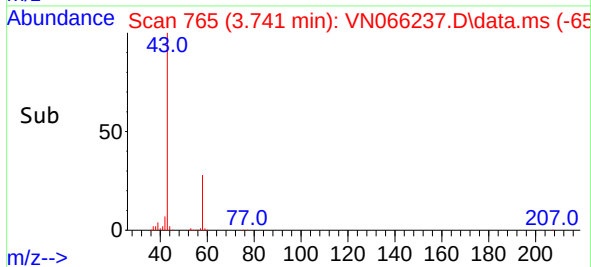
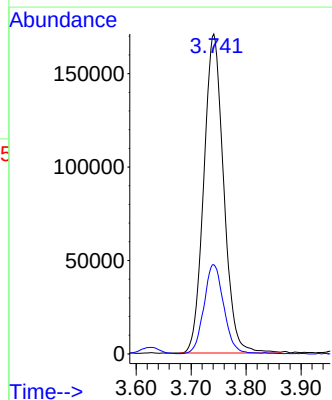
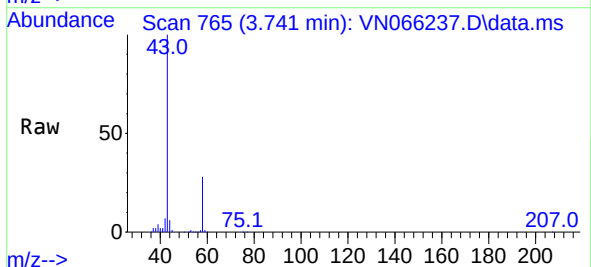
Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

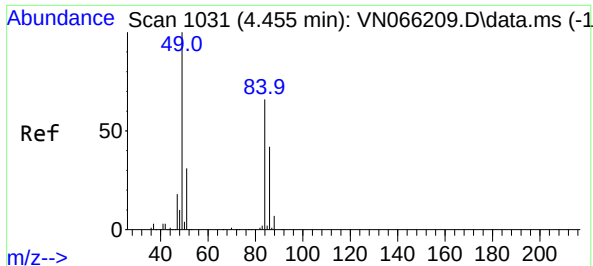
Tgt Ion: 56 Resp: 11544
Ion Ratio Lower Upper
56 100
55 45.3 58.0 87.0#



#16
Acetone
Concen: 194.54 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 43 Resp: 428777
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5



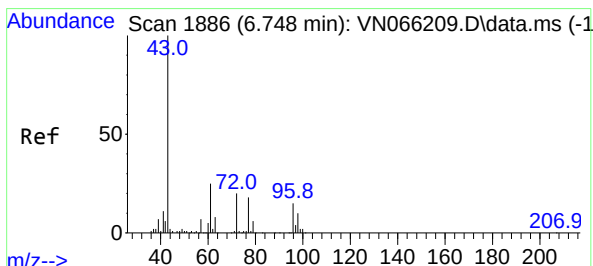
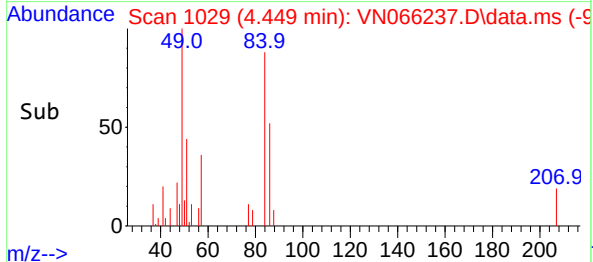
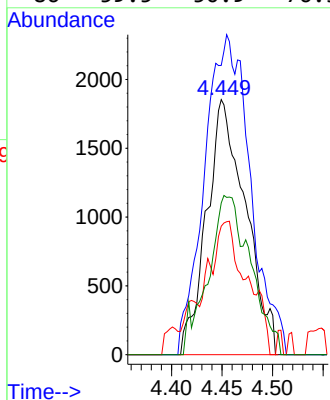
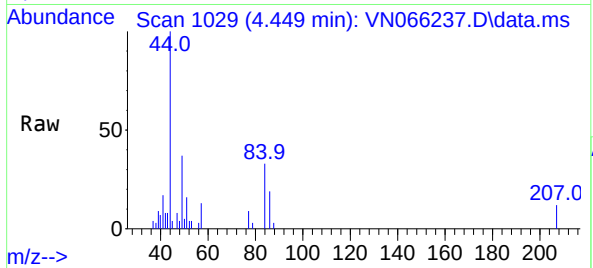


#20
Methylene Chloride
Concen: 1.44 ug/l
RT: 4.449 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Instrument :
MSVOA_N
ClientSampled :
AUD-1022

Tgt Ion: 84 Resp: 4968

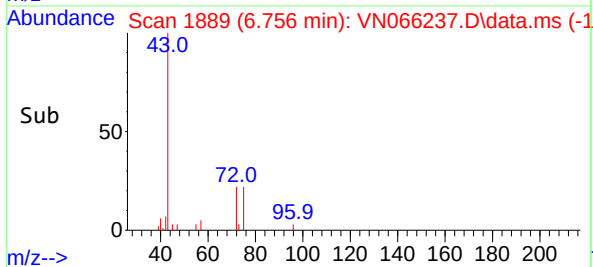
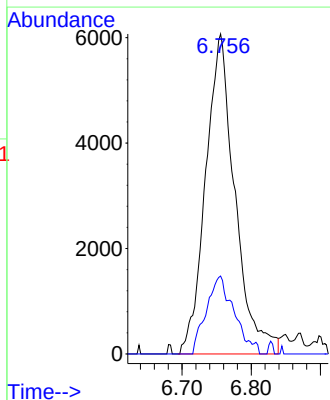
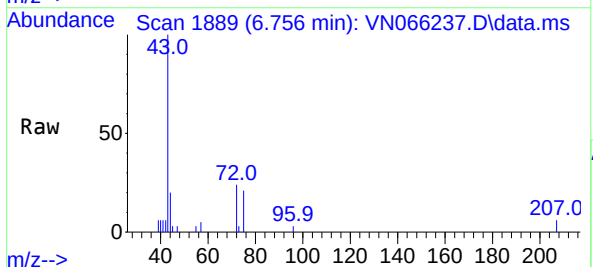
Ion	Ratio	Lower	Upper
84	100		
49	113.4	130.0	195.0#
51	41.3	39.1	58.7
86	59.5	50.9	76.3

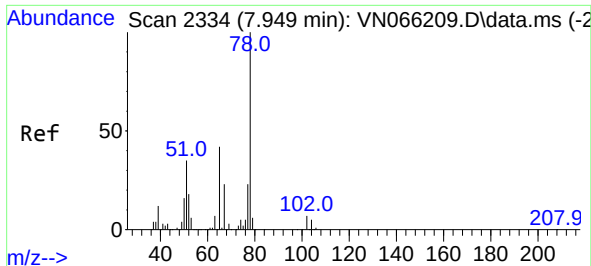


#25
2-Butanone
Concen: 5.21 ug/l
RT: 6.756 min Scan# 1889
Delta R.T. 0.008 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 43 Resp: 17843

Ion	Ratio	Lower	Upper
43	100		
72	24.3	16.2	24.2#

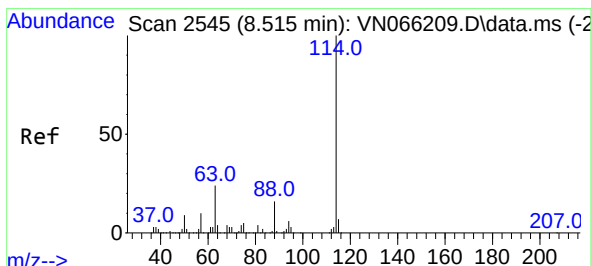
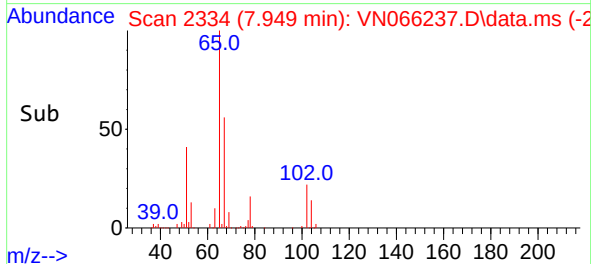
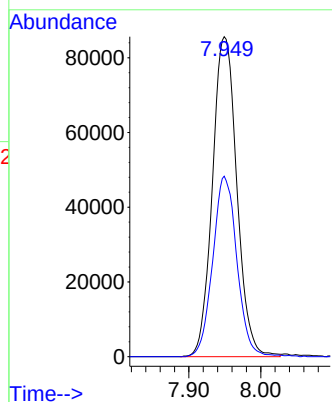
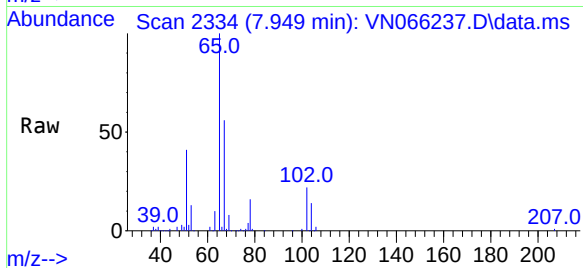




#33
1,2-Dichloroethane-d4
Concen: 43.98 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

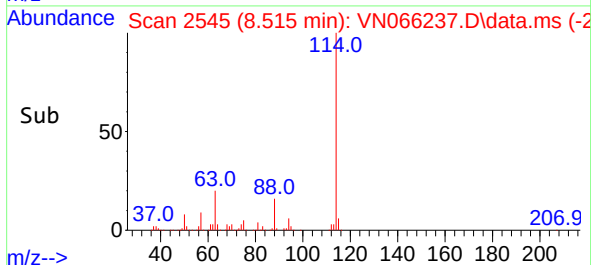
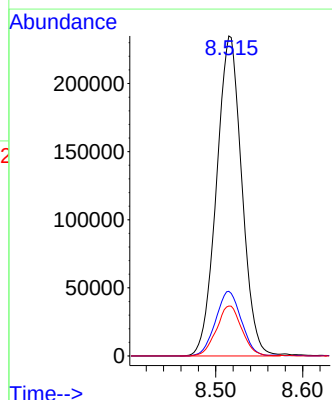
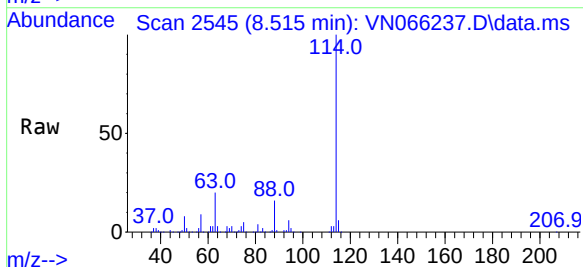
Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

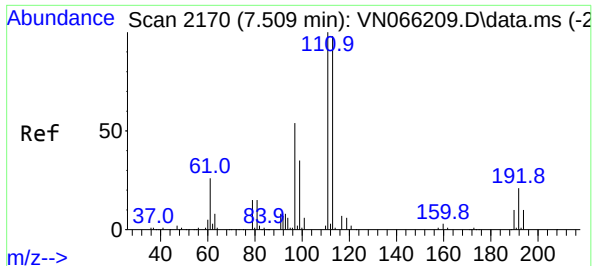
Tgt Ion: 65 Resp: 201803
Ion Ratio Lower Upper
65 100
67 55.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 114 Resp: 474327
Ion Ratio Lower Upper
114 100
63 20.2 0.0 49.2
88 15.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.57 ug/l

RT: 7.509 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN066237.D

Acq: 17 Mar 2021 16:23

Instrument :

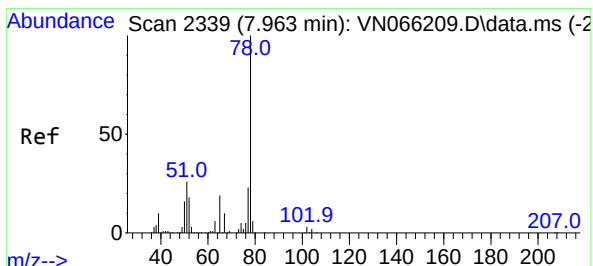
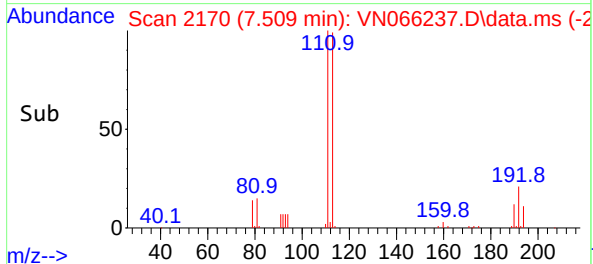
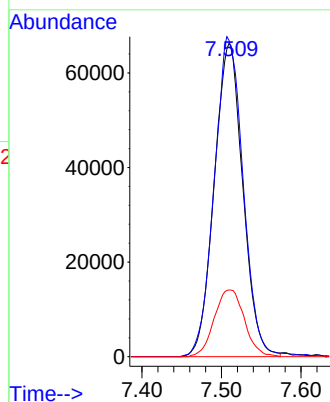
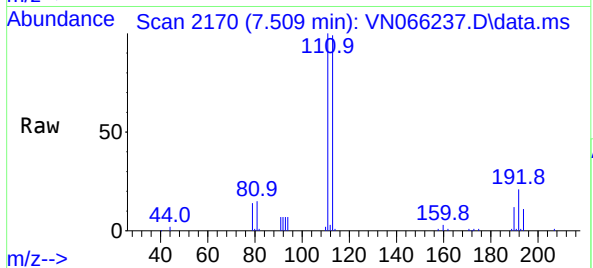
MSVOA_N

ClientSampleId :

AUD-1022

Tgt Ion:113 Resp: 165115

Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.0	126.0
192	22.6	16.7	25.1



#40

Benzene

Concen: 3.43 ug/l

RT: 7.963 min Scan# 2339

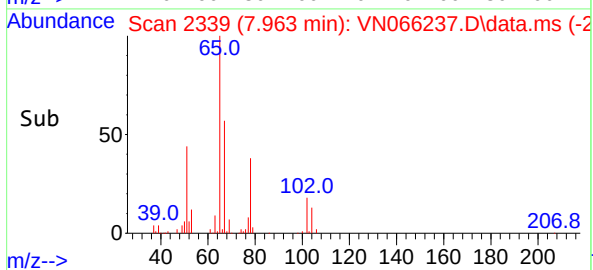
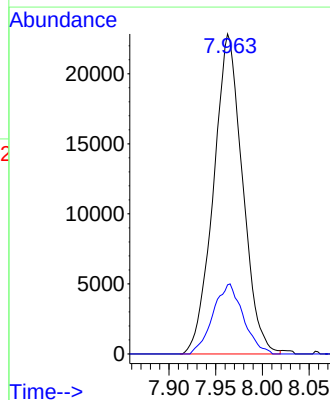
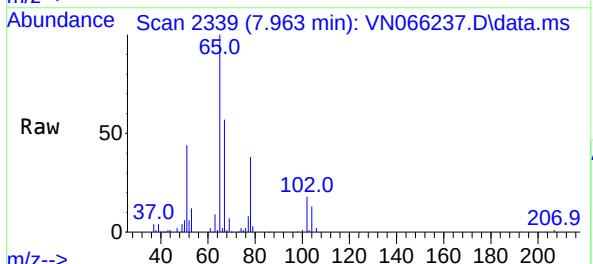
Delta R.T. -0.000 min

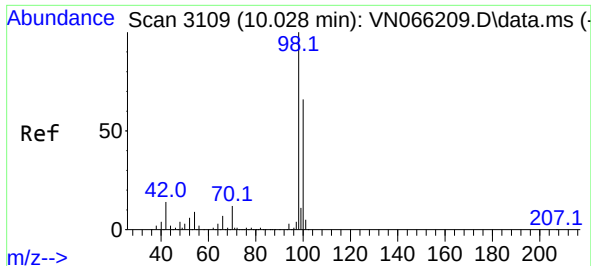
Lab File: VN066237.D

Acq: 17 Mar 2021 16:23

Tgt Ion: 78 Resp: 49414

Ion	Ratio	Lower	Upper
78	100		
77	21.6	18.5	27.7

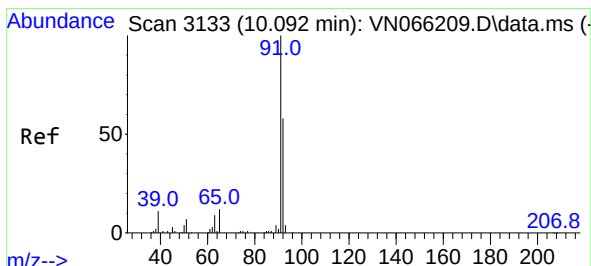
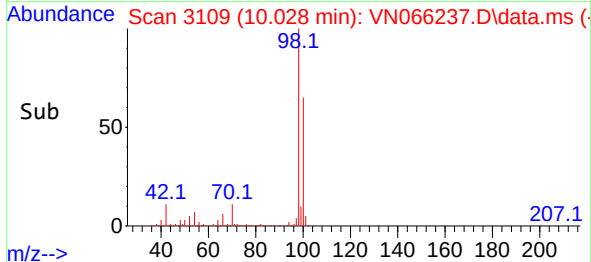
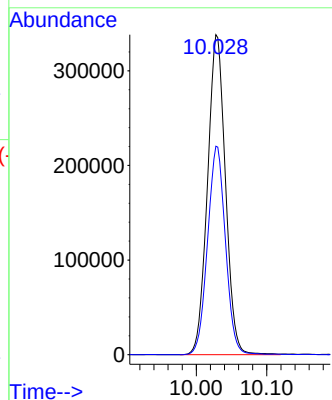
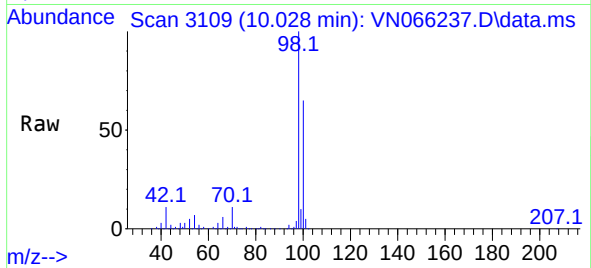




#50
Toluene-d8
Concen: 51.11 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

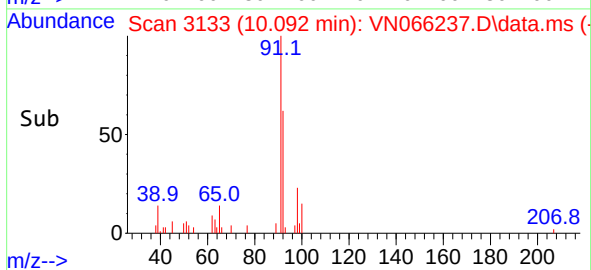
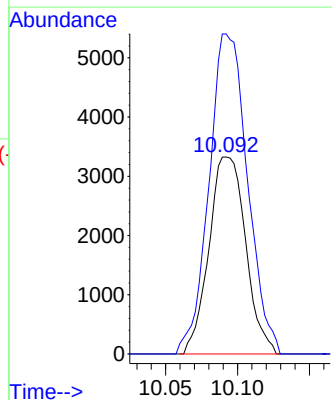
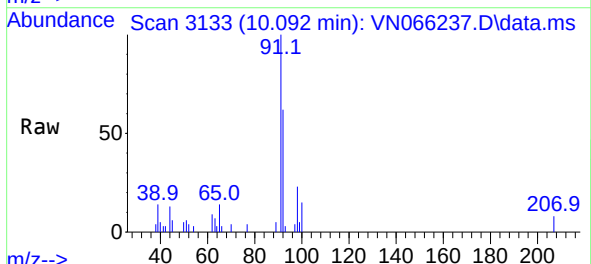
Instrument :
MSVOA_N
ClientSampled :
AUD-1022

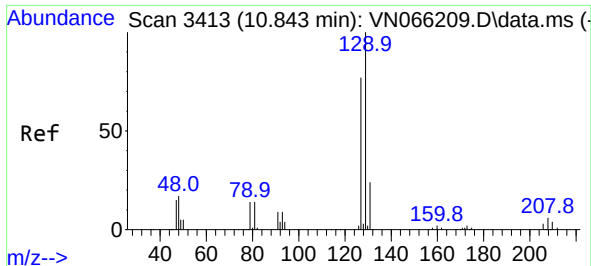
Tgt Ion: 98 Resp: 597989
Ion Ratio Lower Upper
98 100
100 64.9 51.0 76.6



#52
Toluene
Concen: 0.71 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 92 Resp: 5905
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3

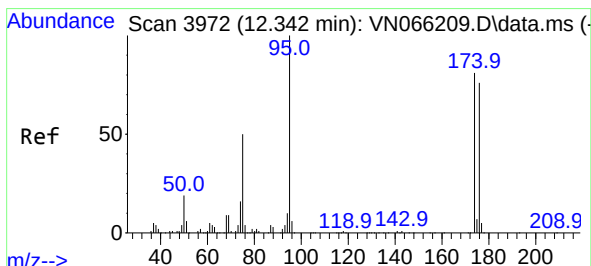
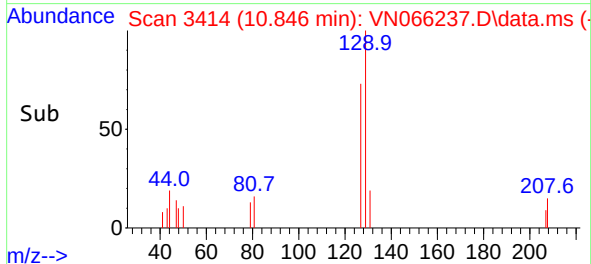
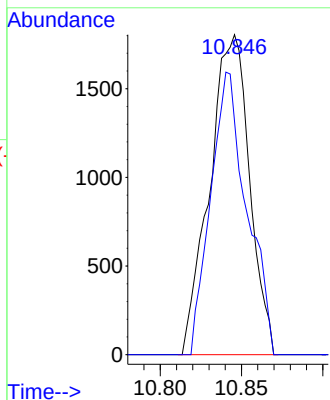
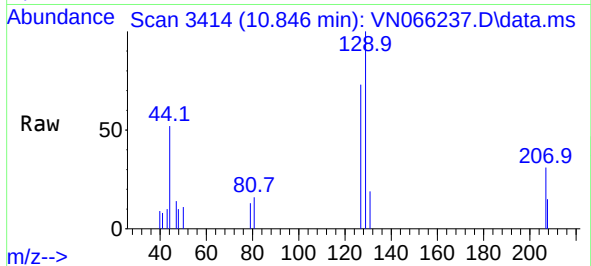




#60
Dibromochloromethane
Concen: 0.86 ug/l
RT: 10.846 min Scan# 3414
Delta R.T. 0.003 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

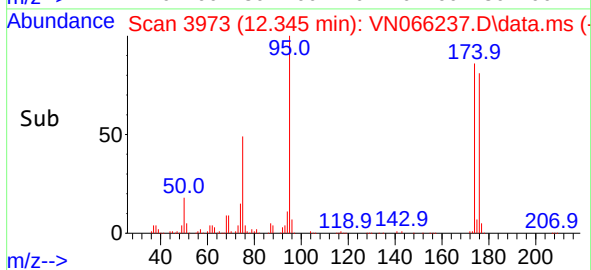
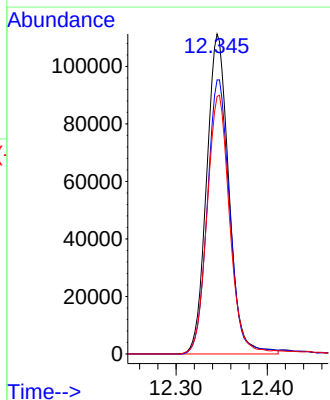
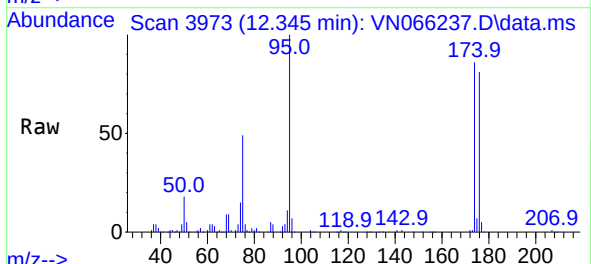
Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

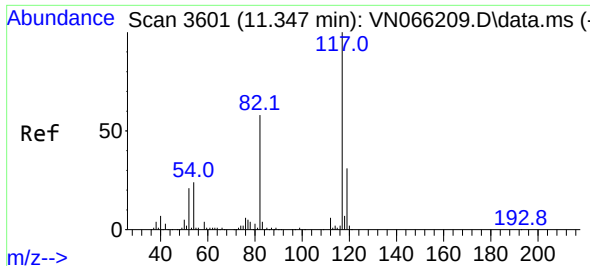
Tgt Ion:129 Resp: 3081
Ion Ratio Lower Upper
129 100
127 80.2 39.2 117.6



#62
4-Bromofluorobenzene
Concen: 44.58 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion: 95 Resp: 188015
Ion Ratio Lower Upper
95 100
174 86.7 0.0 162.4
176 81.8 0.0 156.2

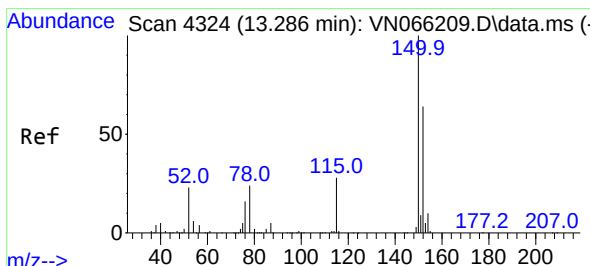
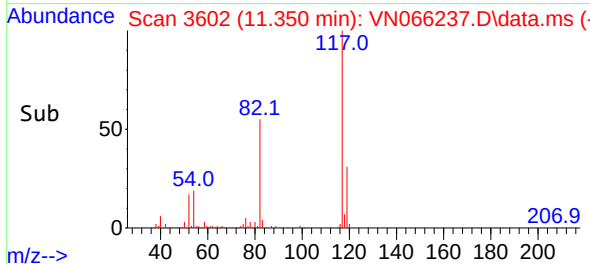
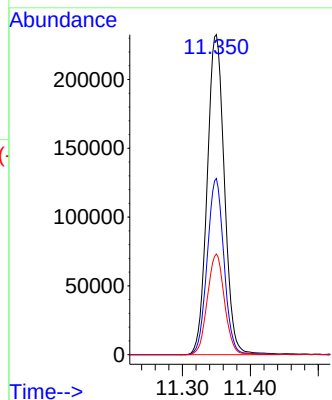
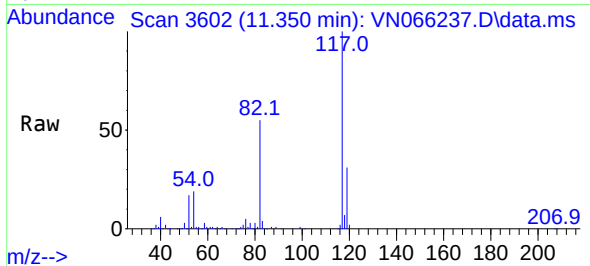




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

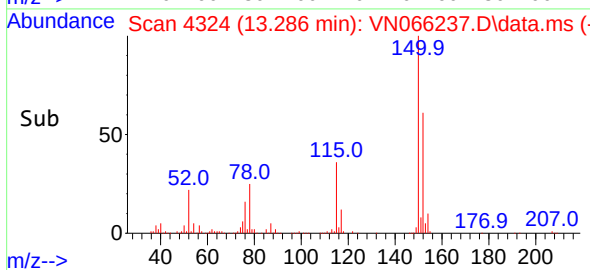
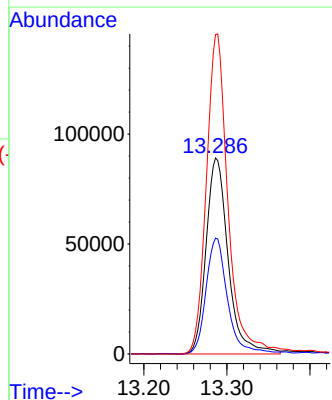
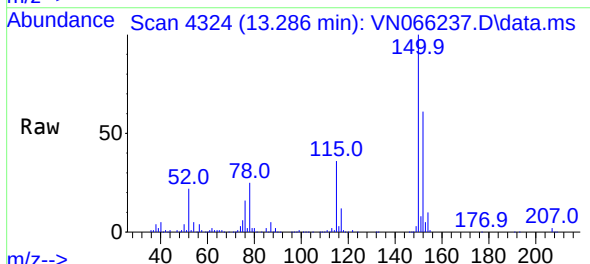
Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

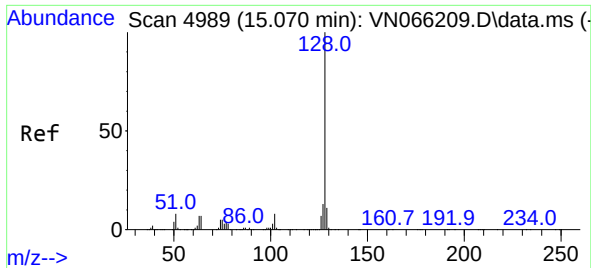
Tgt Ion:	117	Resp:	409990
Ion	Ratio	Lower	Upper
117	100		
82	55.0	49.0	73.6
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Tgt Ion:	152	Resp:	165008
Ion	Ratio	Lower	Upper
152	100		
115	57.4	29.4	88.3
150	160.2	0.0	352.2





#95
Naphthalene
Concen: 1.49 ug/l
RT: 15.075 min Scan# 4991
Delta R.T. 0.005 min
Lab File: VN066237.D
Acq: 17 Mar 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
AUD-1022

Tgt Ion:	128	Resp:	14402
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.3	8.4	12.6

