

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092321\
 Data File : VN068623.D
 Acq On : 23 Sep 2021 16:35
 Operator : JC/MD
 Sample : M3826-05 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRIP-COMP-AUD-1181-1187

Quant Time: Sep 23 17:25:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

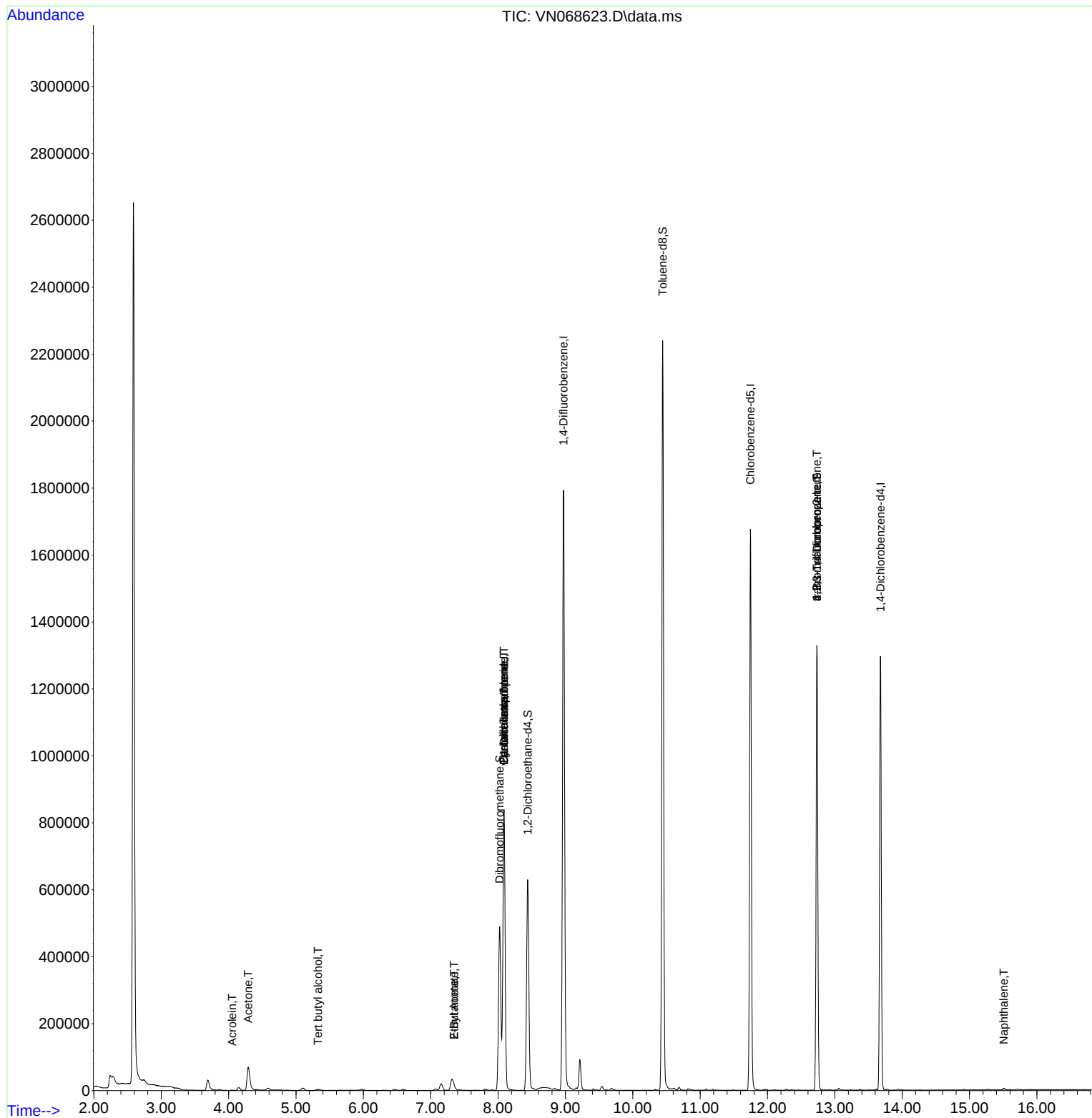
Internal Standards						
1) Pentafluorobenzene	8.088	168	604581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	1089559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	922167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	334703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	542516	57.692	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 115.380%			
35) Dibromofluoromethane	8.021	113	353037	48.373	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.740%			
50) Toluene-d8	10.443	98	1510141	48.871	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.740%			
62) 4-Bromofluorobenzene	12.733	95	449692	42.552	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 85.100%			
Target Compounds						Qvalue
5) Bromomethane	2.875	94	2069	Below Cal		96
11) Tert butyl alcohol	5.326	59	733	0.505 ug/l #		71
13) Acrolein	4.052	56	719	8.358 ug/l #		82
16) Acetone	4.291	43	133313	28.793 ug/l		98
20) Methylene Chloride	5.106	84	5548	Below Cal #		89
25) 2-Butanone	7.345	43	19751	3.433 ug/l		95
31) Cyclohexane	8.088	56	16202	1.223 ug/l #		25
36) 1,1-Dichloropropene	8.088	75	53635	4.874 ug/l #		52
37) Ethyl Acetate	7.345	43	19751	1.581 ug/l #		74
38) Carbon Tetrachloride	8.088	117	66598	5.860 ug/l #		16
76) 1,2,3-Trichloropropane	12.733	75	253087	30.582 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.733	75	253087	86.385 ug/l #		6
95) Naphthalene	15.507	128	4397	1.861 ug/l #		91

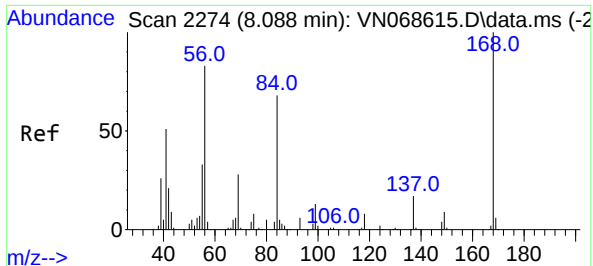
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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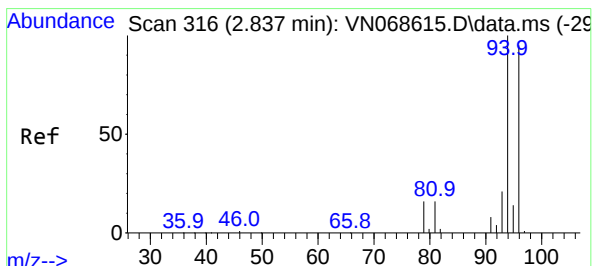
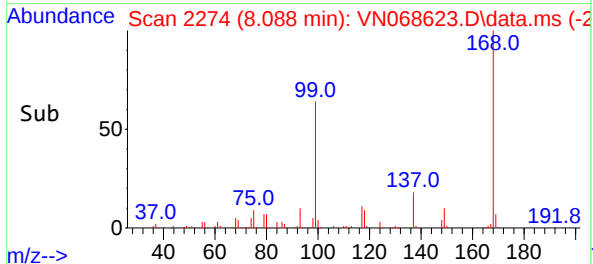
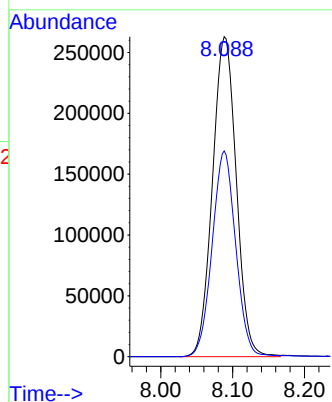
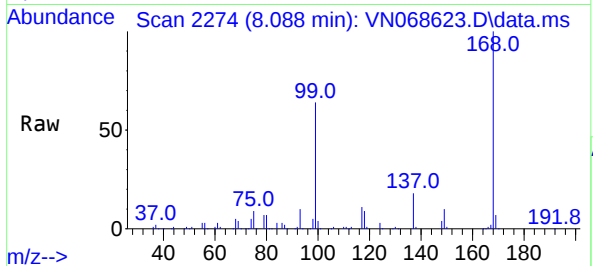




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

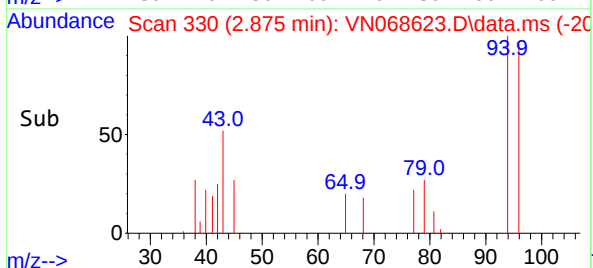
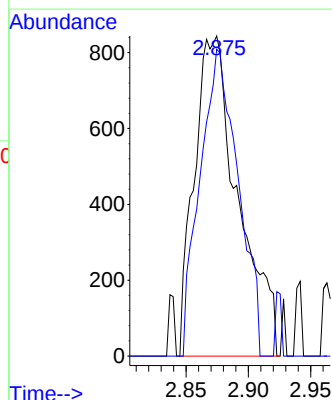
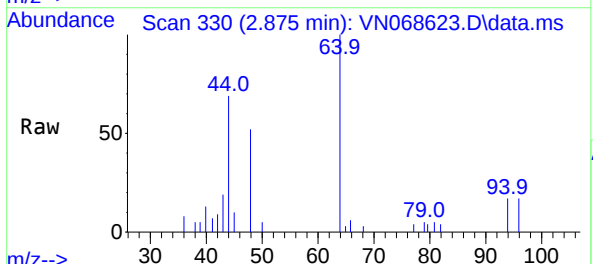
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

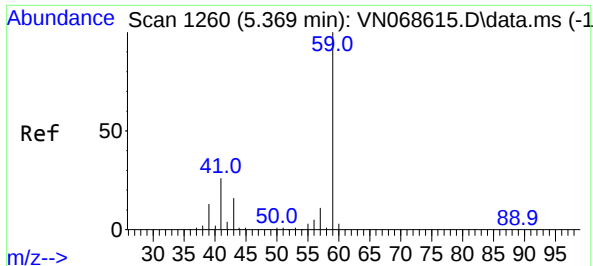
Tgt Ion:168 Resp: 604581
Ion Ratio Lower Upper
168 100
99 64.3 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 330
Delta R.T. 0.038 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 94 Resp: 2069
Ion Ratio Lower Upper
94 100
96 95.9 73.7 110.5

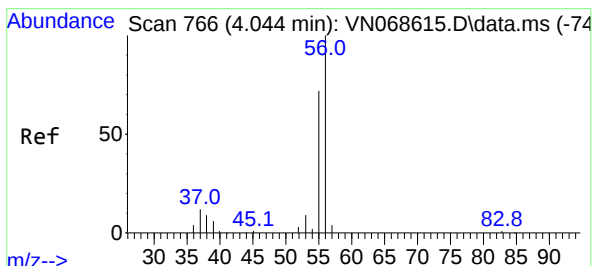
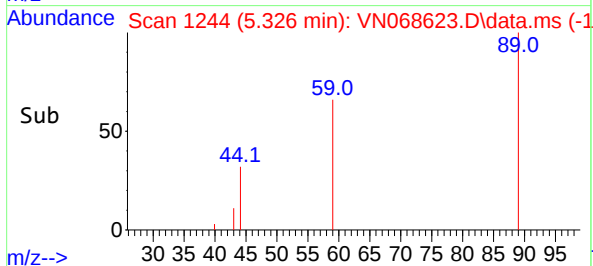
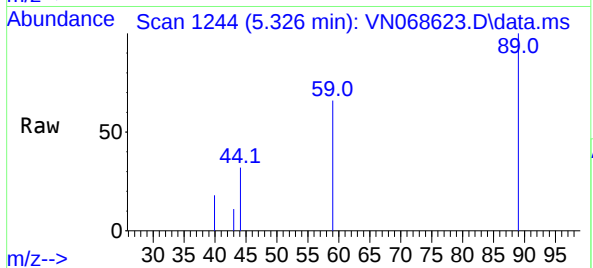




#11
Tert butyl alcohol
Concen: 0.505 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.043 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

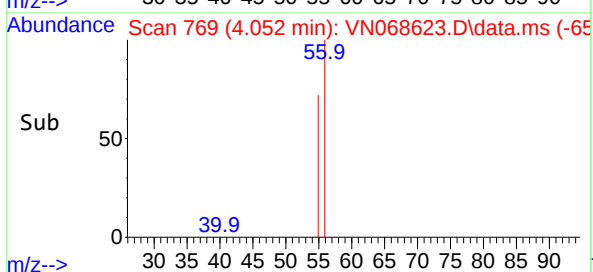
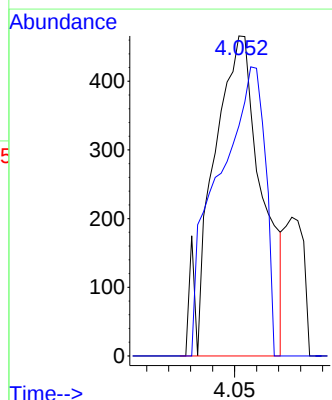
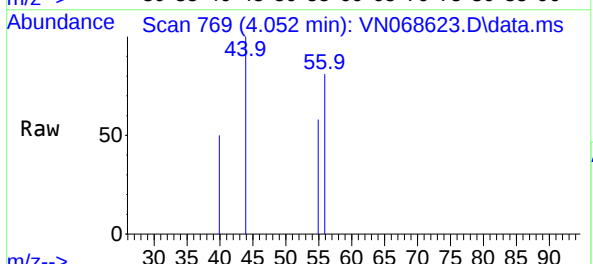
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

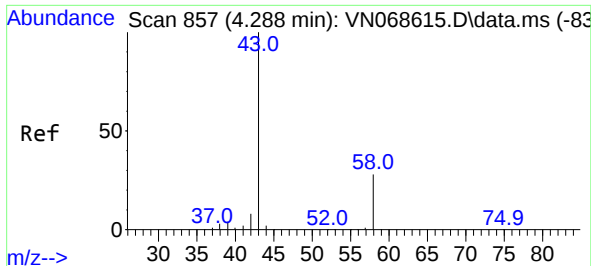
Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 8.358 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.008 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 56 Resp: 719
Ion Ratio Lower Upper
56 100
55 86.8 57.4 86.0#

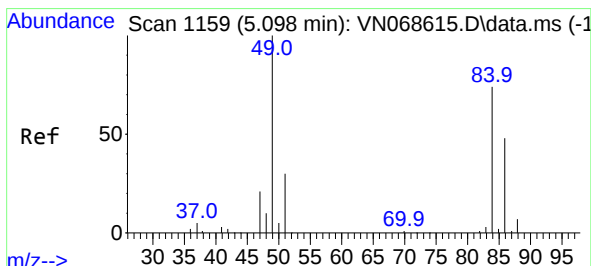
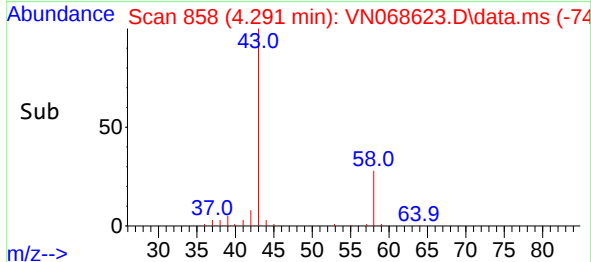
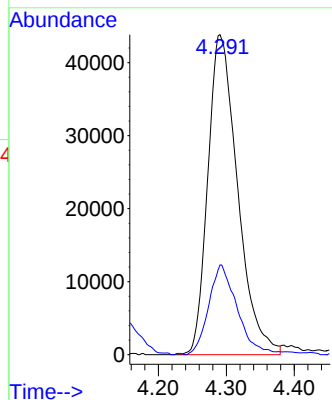
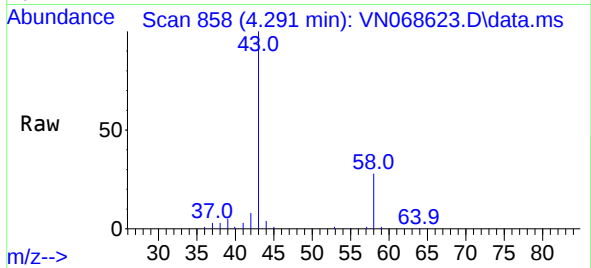




#16
Acetone
Concen: 28.793 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

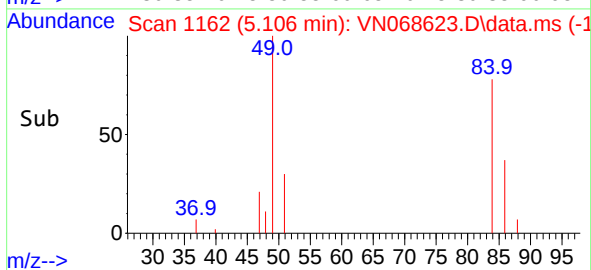
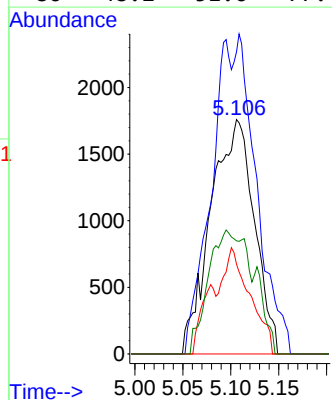
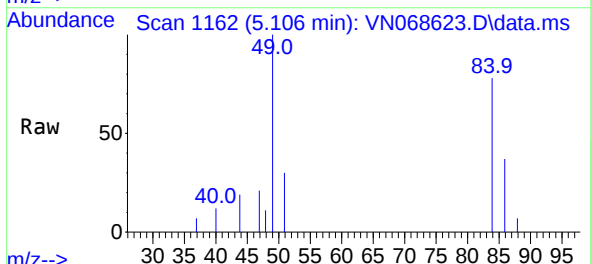
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

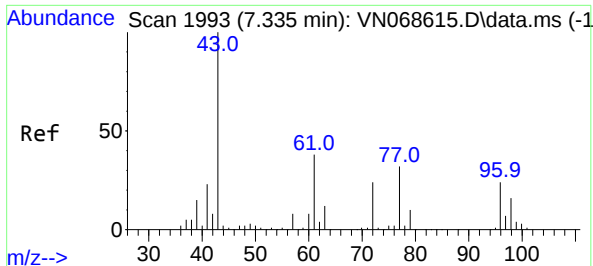
Tgt Ion: 43 Resp: 133313
Ion Ratio Lower Upper
43 100
58 27.6 21.2 31.8



#20
Methylene Chloride
Concen: Below Cal
RT: 5.106 min Scan# 1162
Delta R.T. 0.008 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 84 Resp: 5548
Ion Ratio Lower Upper
84 100
49 128.9 110.9 166.3
51 38.3 32.6 49.0
86 48.2 51.6 77.4#

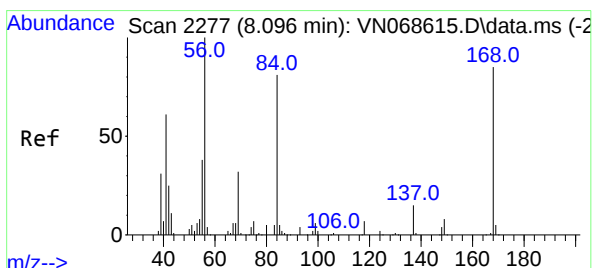
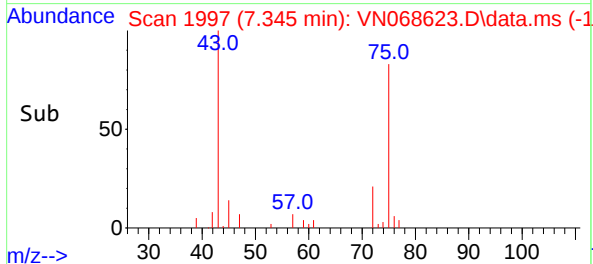
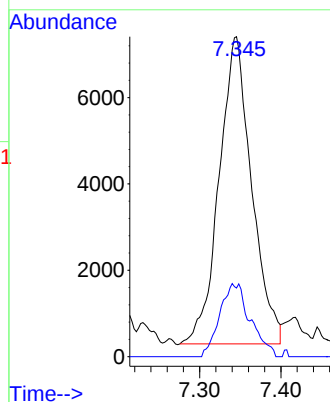
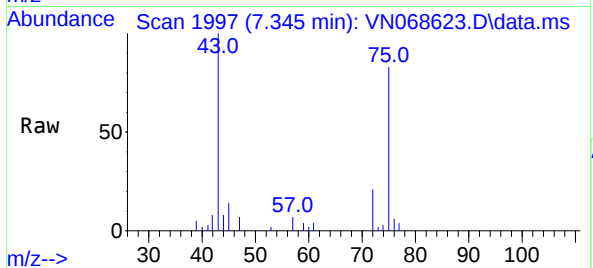




#25
2-Butanone
Concen: 3.433 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

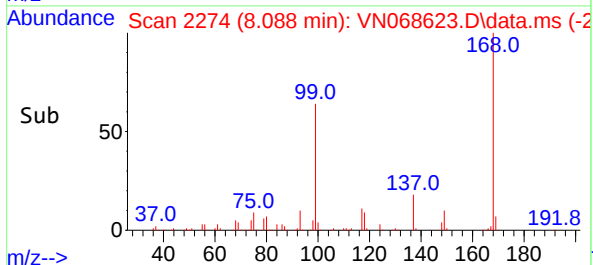
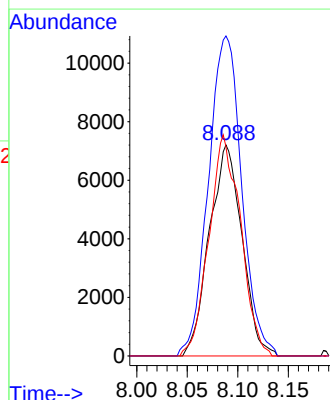
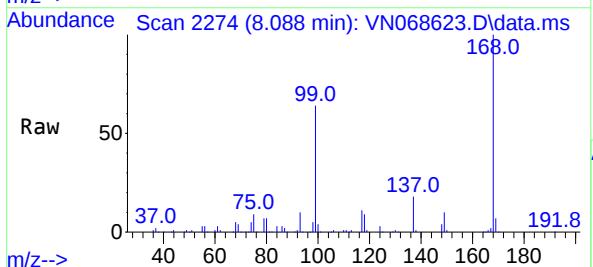
Instrument :
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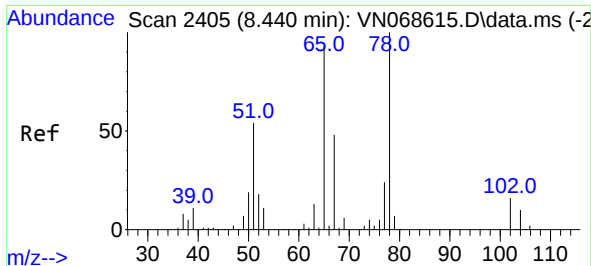
Tgt Ion: 43 Resp: 19751
Ion Ratio Lower Upper
43 100
72 22.3 19.7 29.5



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 56 Resp: 16202
Ion Ratio Lower Upper
56 100
69 151.7 27.3 40.9#
84 99.2 64.9 97.3#

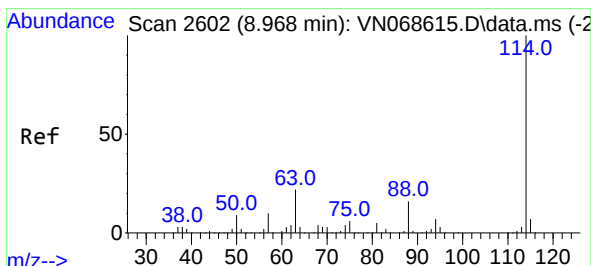
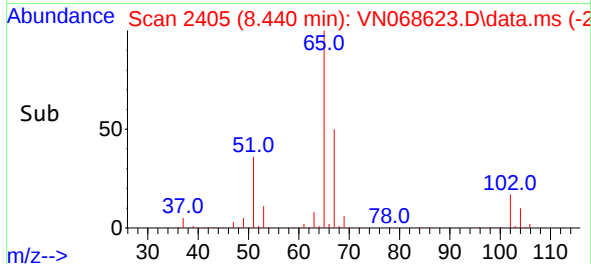
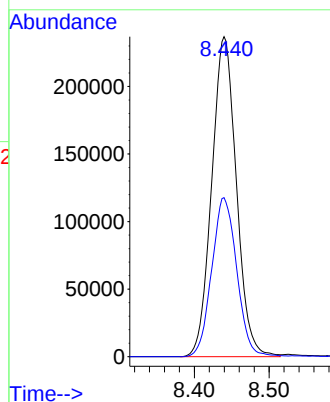
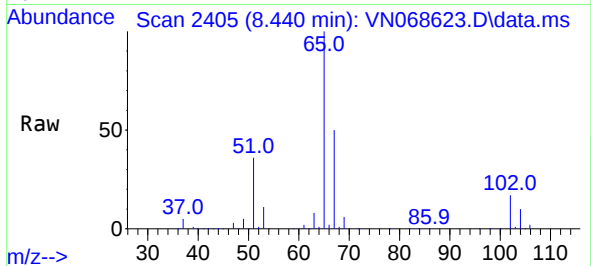




#33
 1,2-Dichloroethane-d4
 Concen: 57.692 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN068623.D
 Acq: 23 Sep 2021 16:35

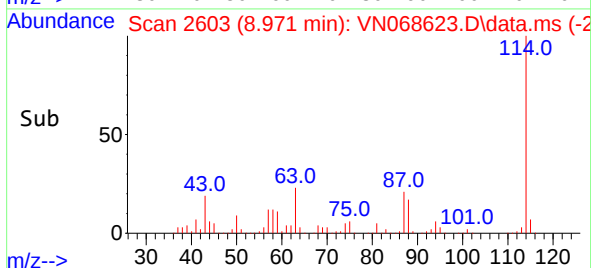
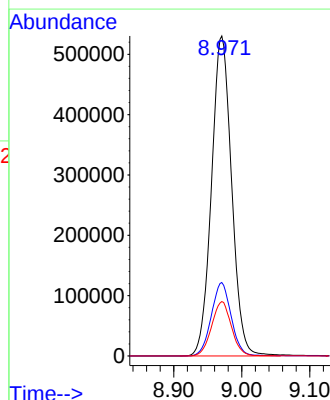
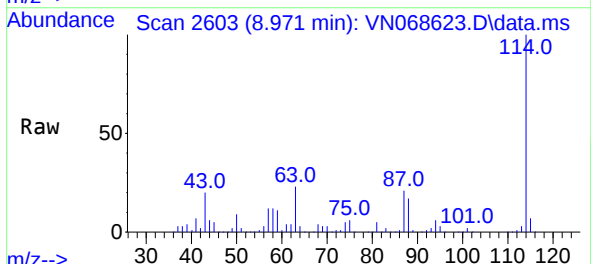
Instrument :
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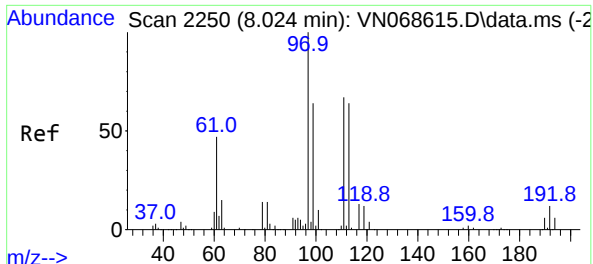
Tgt Ion: 65 Resp: 542516
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 98.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN068623.D
 Acq: 23 Sep 2021 16:35

Tgt Ion: 114 Resp: 1089559
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 49.0
 88 17.0 0.0 36.6



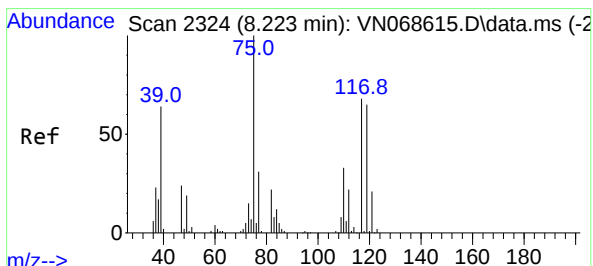
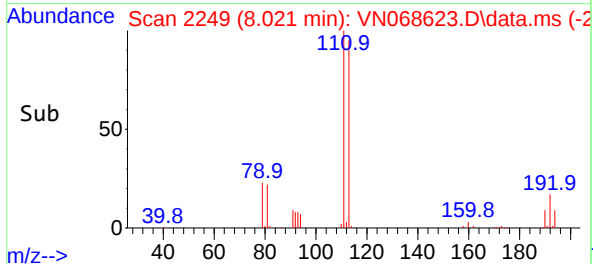
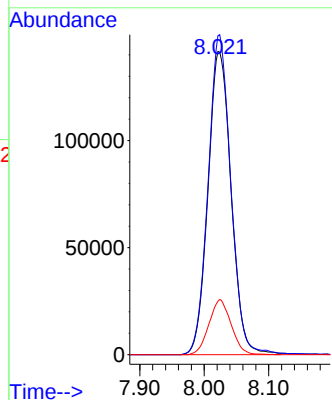
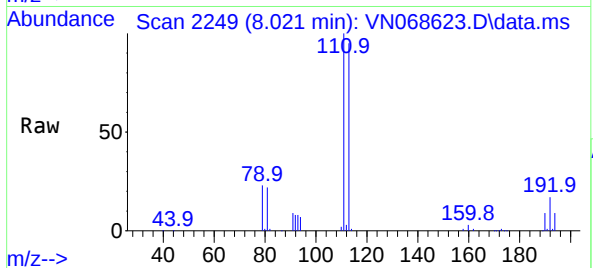


#35
Dibromofluoromethane
Concen: 48.373 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Instrument :
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Tgt Ion:113 Resp: 353037

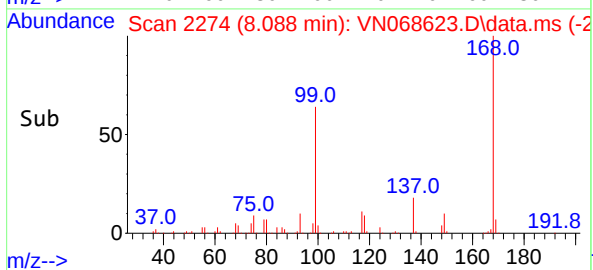
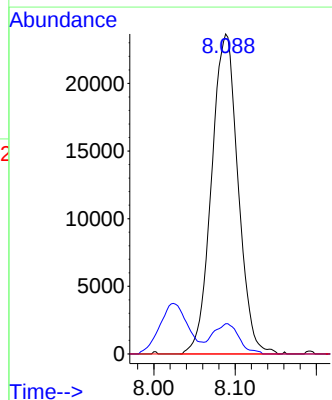
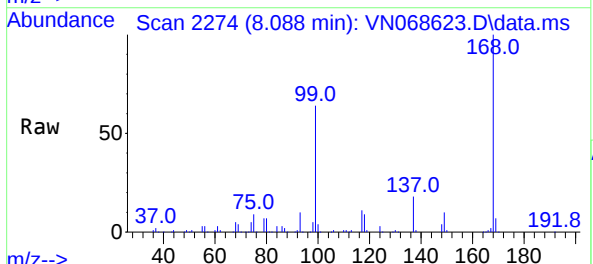
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.8
192	17.5	13.4	20.0

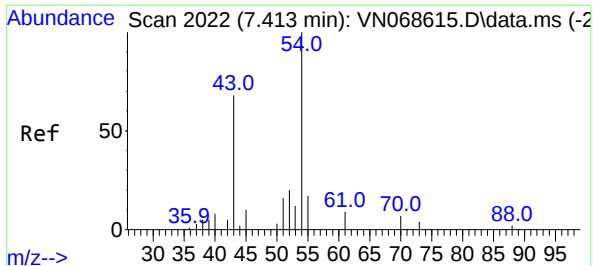


#36
1,1-Dichloropropene
Concen: 4.874 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 75 Resp: 53635

Ion	Ratio	Lower	Upper
75	100		
110	9.4	15.7	47.0#
77	0.0	24.6	37.0#





#37

Ethyl Acetate

Concen: 1.581 ug/l

RT: 7.345 min Scan# 1997

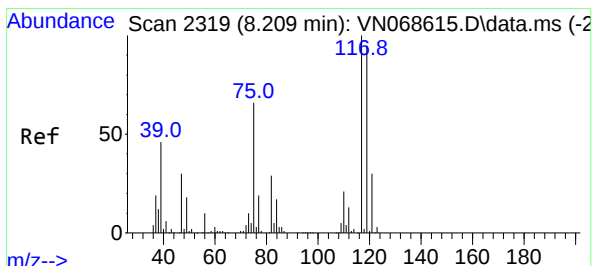
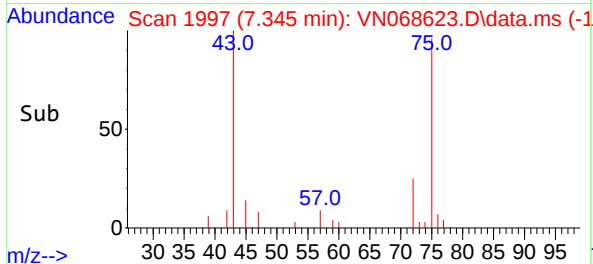
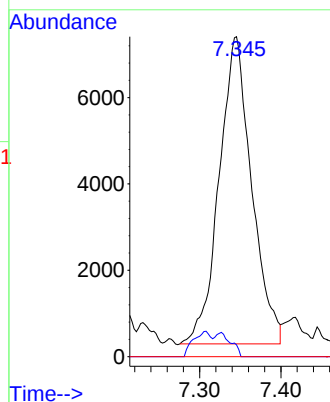
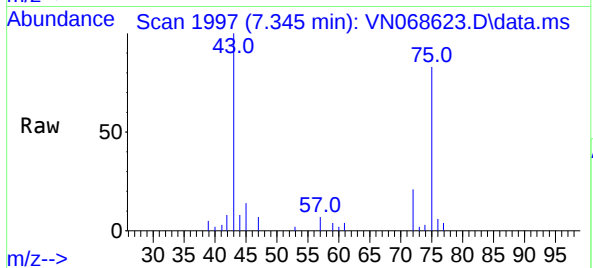
Delta R.T. -0.068 min

Lab File: VN068623.D

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DRIP-COMP-AUD-1181-1187

Tgt Ion:	43	Resp:	19751
Ion	Ratio	Lower	Upper
43	100		
61	3.5	10.6	16.0#
70	0.0	8.1	12.1#



#38

Carbon Tetrachloride

Concen: 5.860 ug/l

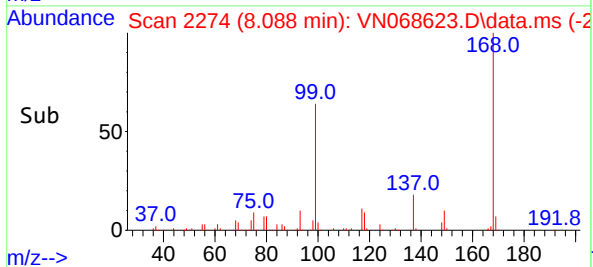
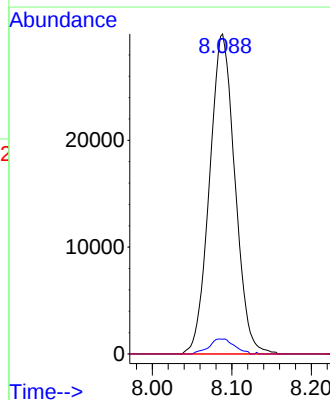
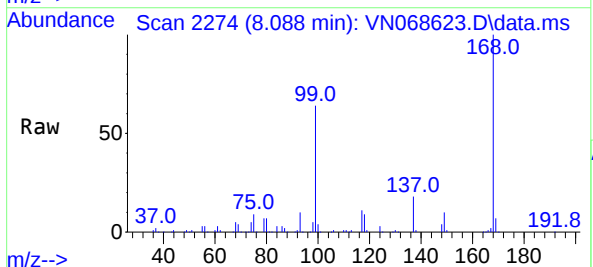
RT: 8.088 min Scan# 2274

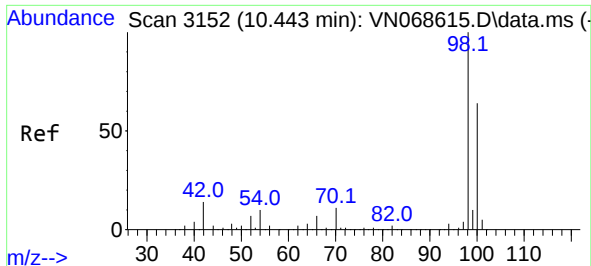
Delta R.T. -0.121 min

Lab File: VN068623.D

Acq: 23 Sep 2021 16:35

Tgt Ion:	117	Resp:	66598
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.4	113.2#
121	0.0	23.5	35.3#

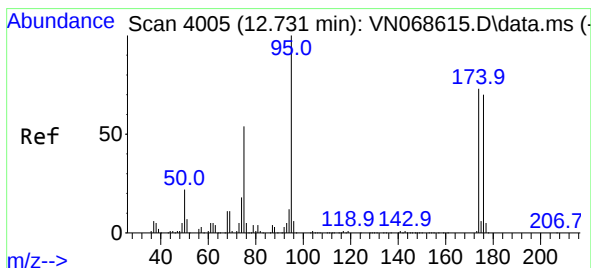
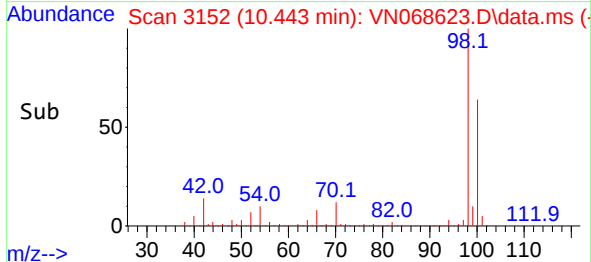
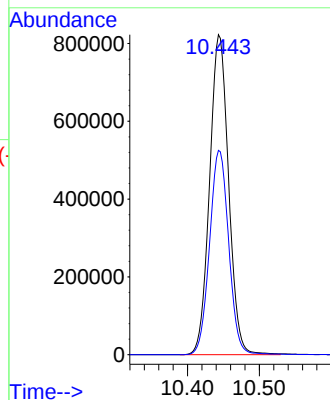
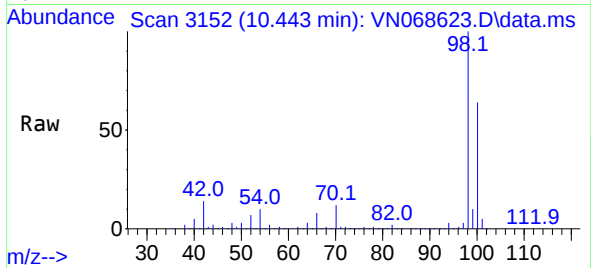




#50
Toluene-d8
Concen: 48.871 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

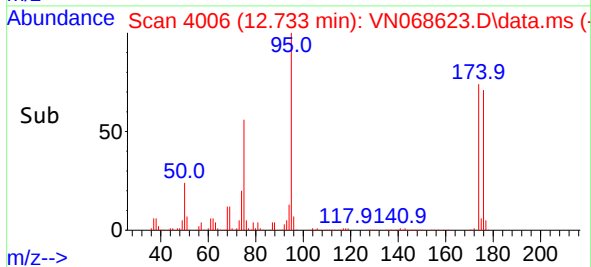
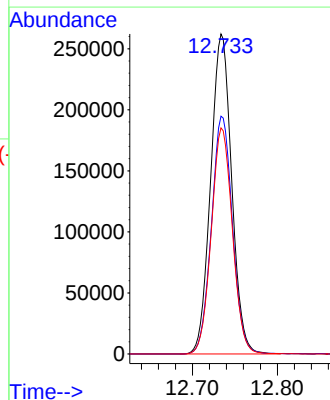
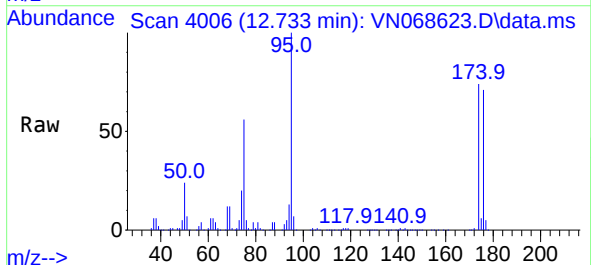
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

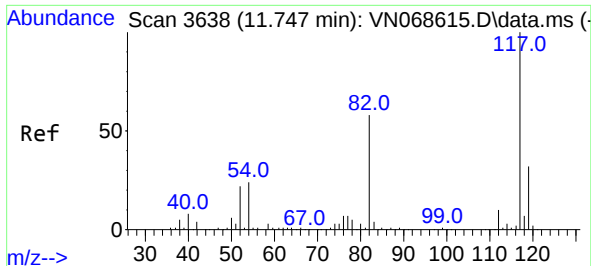
Tgt Ion: 98 Resp: 1510141
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 42.552 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 95 Resp: 449692
Ion Ratio Lower Upper
95 100
174 74.6 0.0 122.0
176 71.0 0.0 117.6

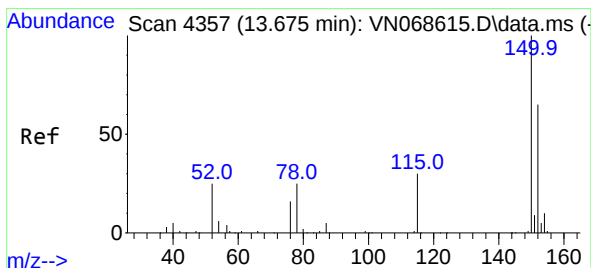
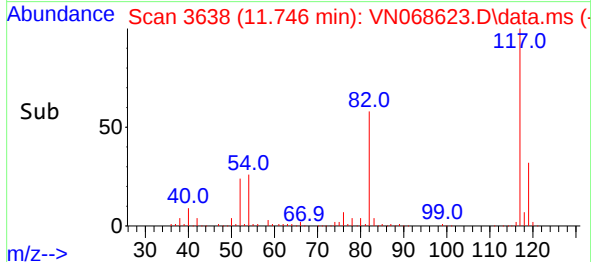
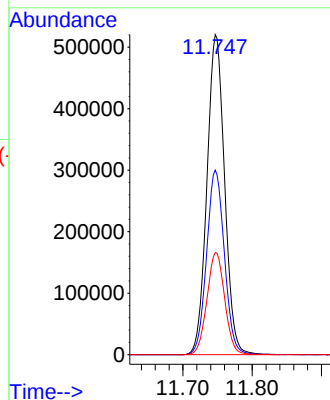
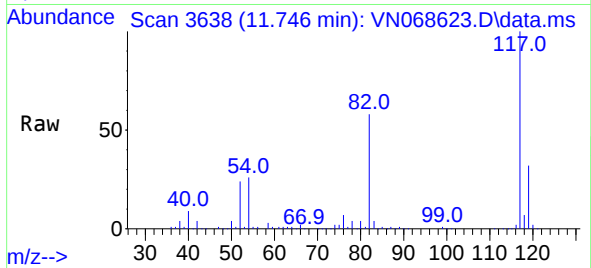




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

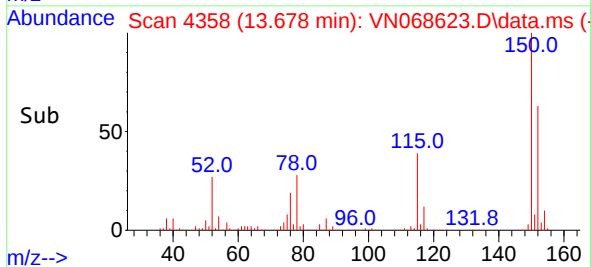
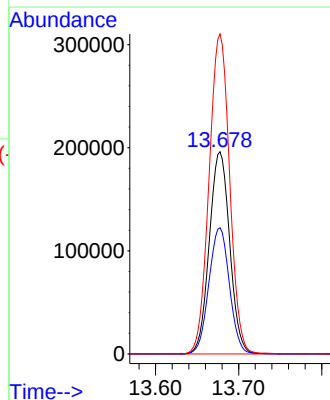
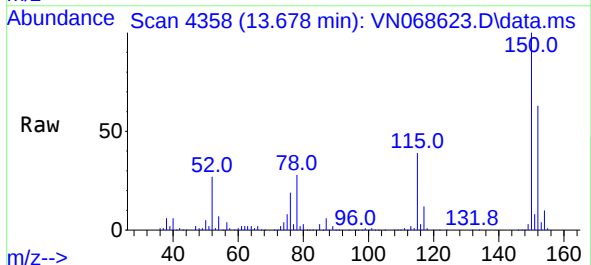
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

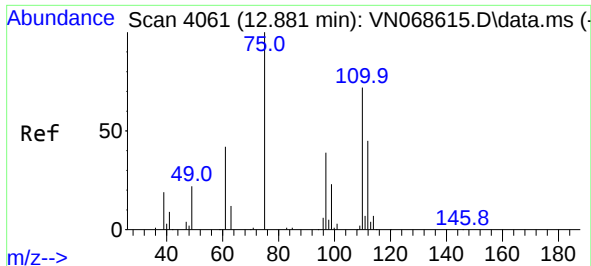
Tgt Ion:117 Resp: 922167
Ion Ratio Lower Upper
117 100
82 57.7 53.1 79.7
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion:152 Resp: 334703
Ion Ratio Lower Upper
152 100
115 62.9 36.1 108.5
150 159.4 0.0 351.8

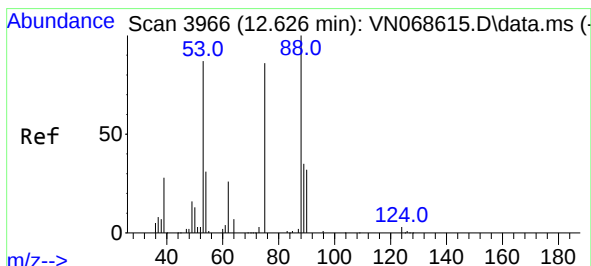
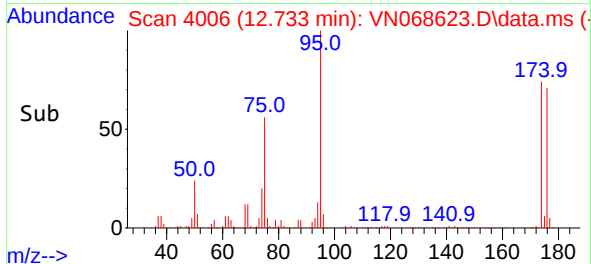
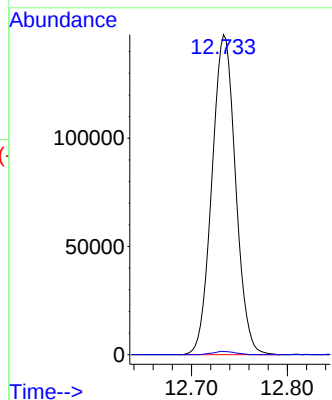
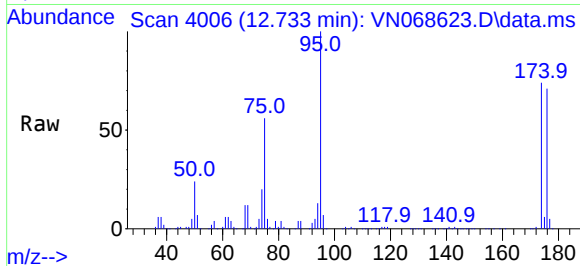




#76
1,2,3-Trichloropropane
Concen: 30.582 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

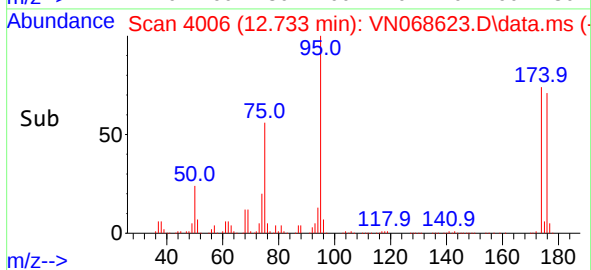
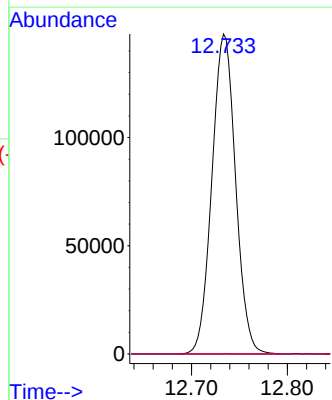
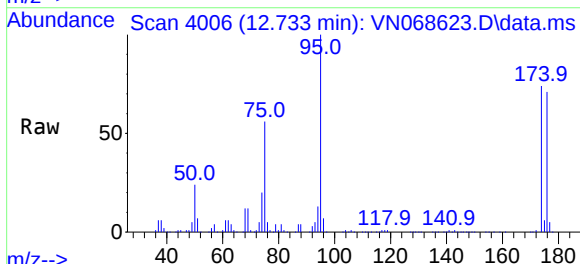
Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

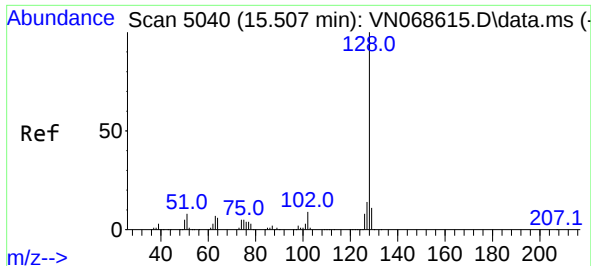
Tgt Ion: 75 Resp: 253087
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.385 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Tgt Ion: 75 Resp: 253087
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 1.861 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068623.D
Acq: 23 Sep 2021 16:35

Instrument :
MSVOA_N
ClientSampleId :
DRIP-COMP-AUD-1181-1187

Tgt Ion:128 Resp: 4397
Ion Ratio Lower Upper
128 100
127 13.8 10.6 15.8
129 4.0 8.6 12.8#

