

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068031.D
 Acq On : 5 Aug 2021 21:24
 Operator : JC/MD
 Sample : M3291-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-2

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:43:28 PM

Quant Time: Aug 06 01:27:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	296999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	591653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	623063	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	214002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	235618	56.039	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.080%			
35) Dibromofluoromethane	8.024	113	179529	52.067	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.140%			
50) Toluene-d8	10.443	98	773011	48.687	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.380%			
62) 4-Bromofluorobenzene	12.733	95	260181	45.200	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.400%			
Target Compounds					Qvalue	
16) Acetone	4.288	43	28848	18.804	ug/l	96
18) Methyl Acetate	4.862	43	10536m	2.760	ug/l	
20) Methylene Chloride	5.095	84	32934	9.064	ug/l #	84
25) 2-Butanone	7.351	43	20607	9.259	ug/l	96
43) Isopropyl Acetate	8.568	43	40857	4.760	ug/l #	91

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

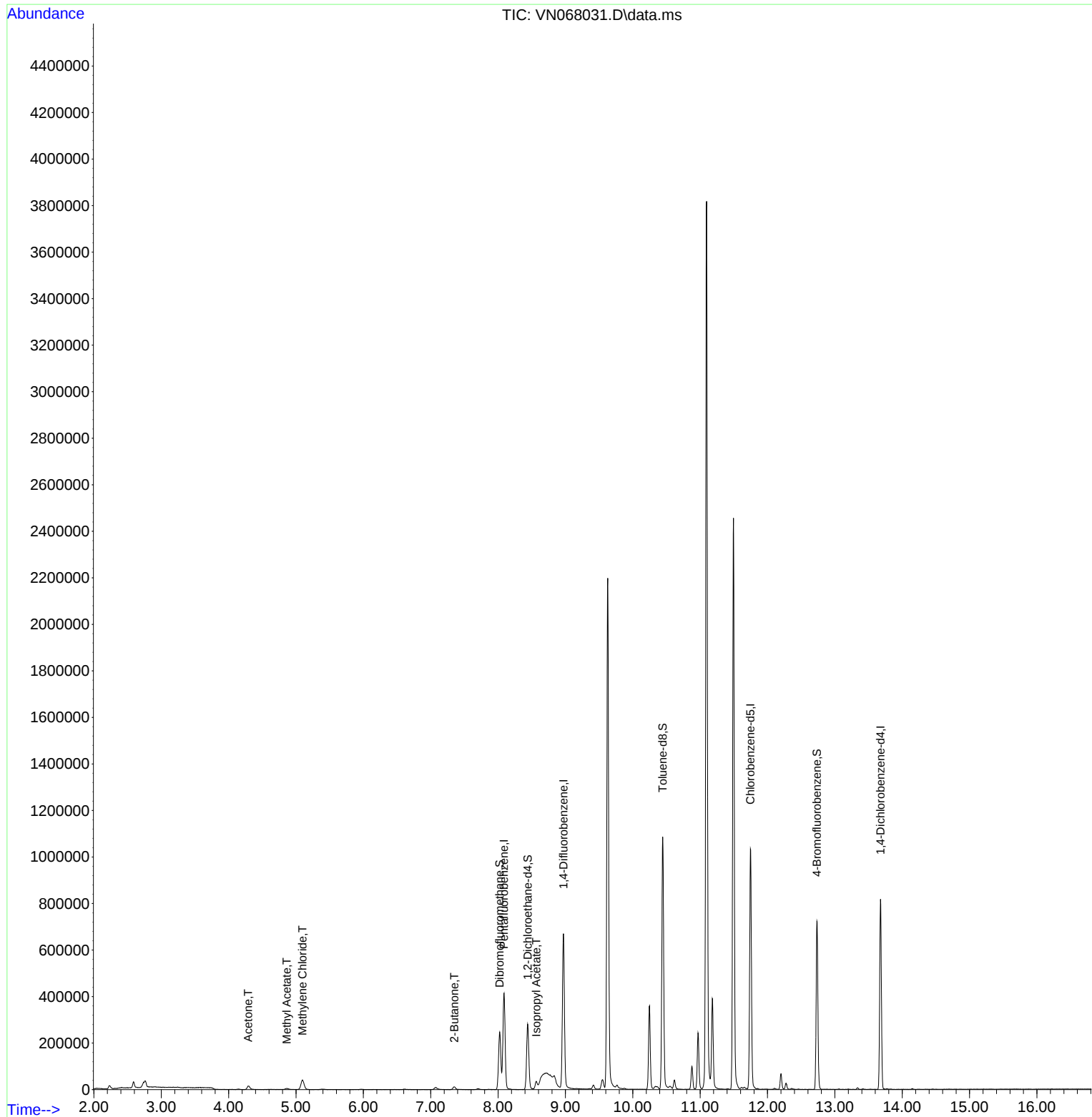
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
Data File : VN068031.D
Acq On : 5 Aug 2021 21:24
Operator : JC/MD
Sample : M3291-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

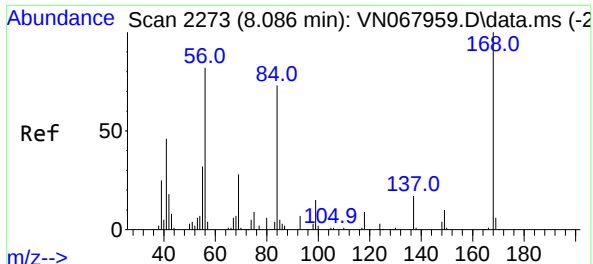
Instrument :
MSVOA_N
ClientSampleId :
WC-2

Manual Integrations
APPROVED

MMDadoda
8/6/2021 5:43:28 PM

Quant Time: Aug 06 01:27:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration





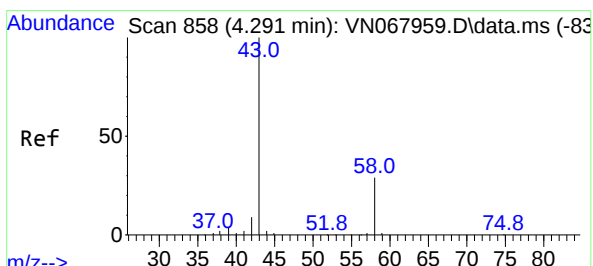
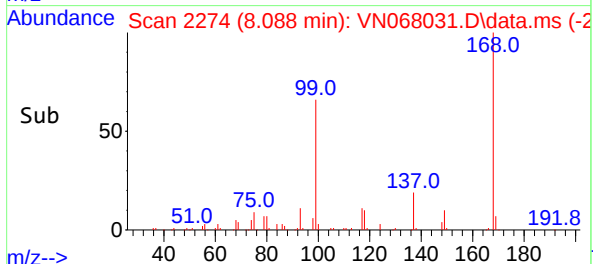
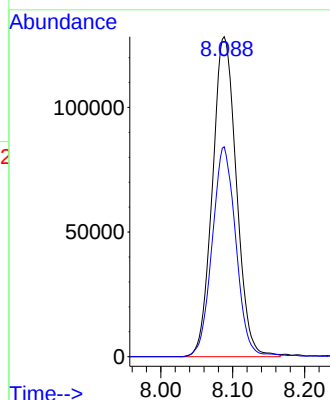
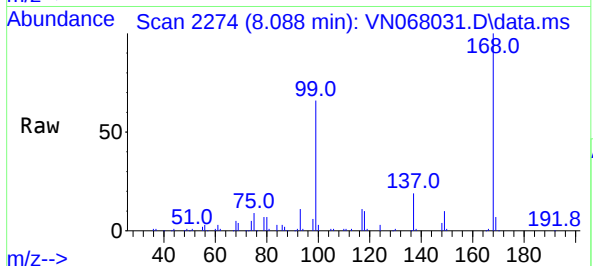
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 168 Resp: 296999
Ion Ratio Lower Upper
168 100
99 65.6 62.9 94.3

Instrument :
MSVOA_N
ClientSampled :
WC-2

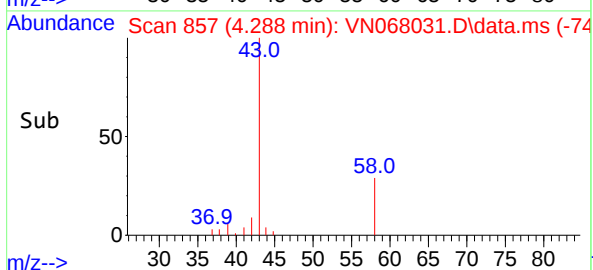
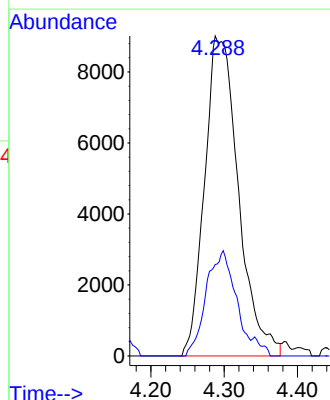
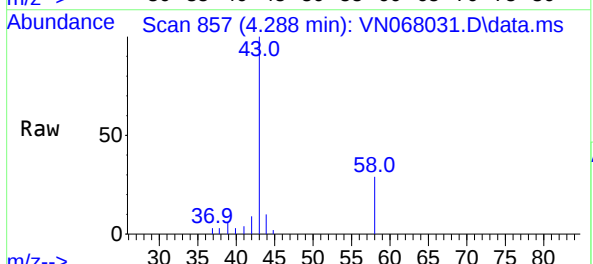
Manual Integrations
APPROVED

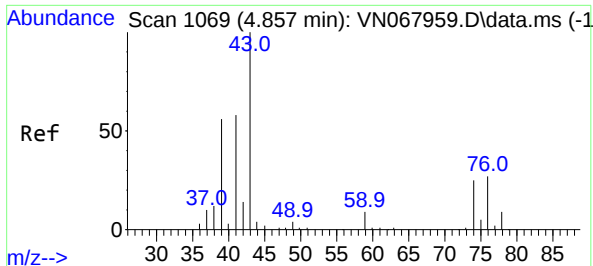
MMDadoda
8/6/2021 5:43:28 PM



#16
Acetone
Concen: 18.804 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 43 Resp: 28848
Ion Ratio Lower Upper
43 100
58 28.6 21.2 31.8





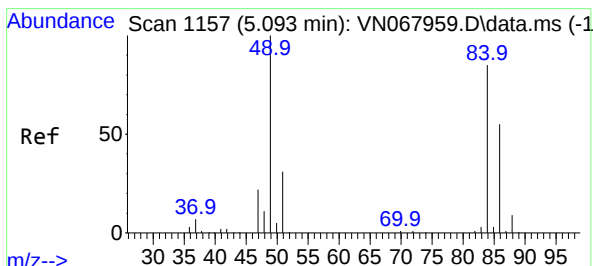
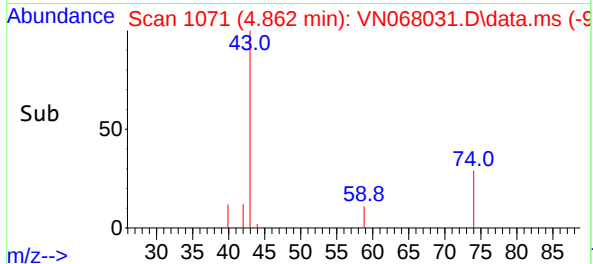
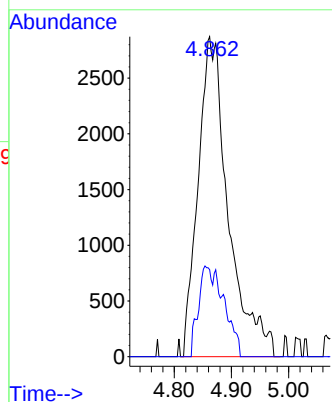
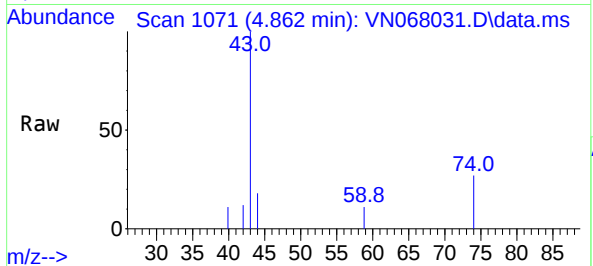
#18
Methyl Acetate
Concen: 2.760 ug/l m
RT: 4.862 min Scan# 1071
Delta R.T. 0.005 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 43 Resp: 10536
Ion Ratio Lower Upper
43 100
74 12.7 17.4 26.0#

Instrument :
MSVOA_N
ClientSampled :
WC-2

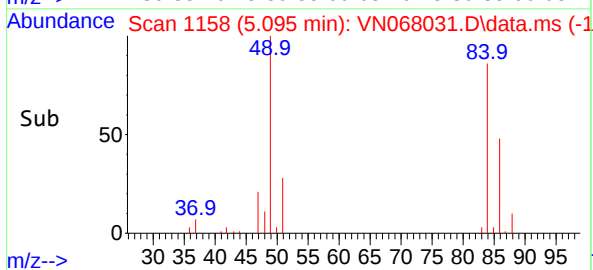
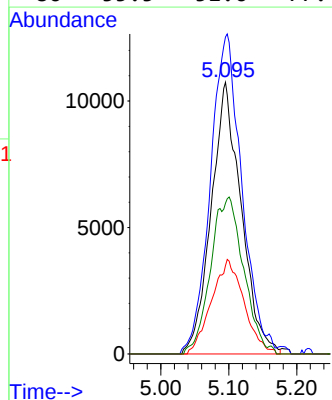
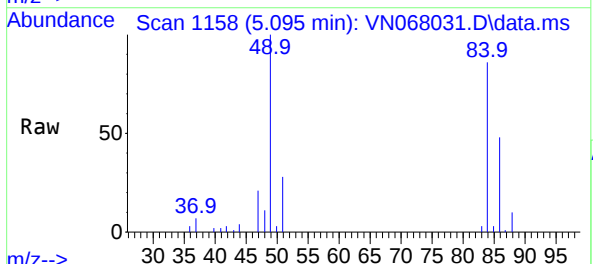
Manual Integrations
APPROVED

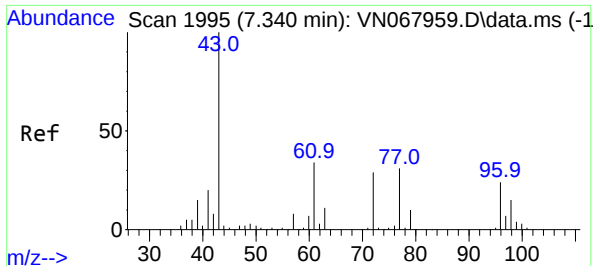
MMDadoda
8/6/2021 5:43:28 PM



#20
Methylene Chloride
Concen: 9.064 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 84 Resp: 32934
Ion Ratio Lower Upper
84 100
49 116.7 110.9 166.3
51 32.5 32.6 49.0#
86 55.5 51.6 77.4





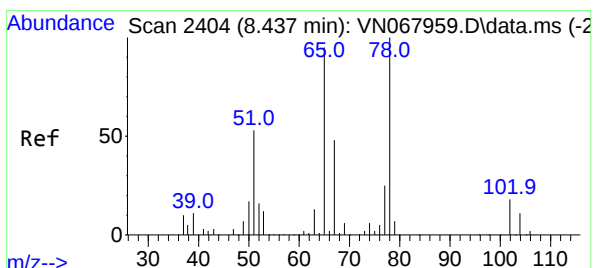
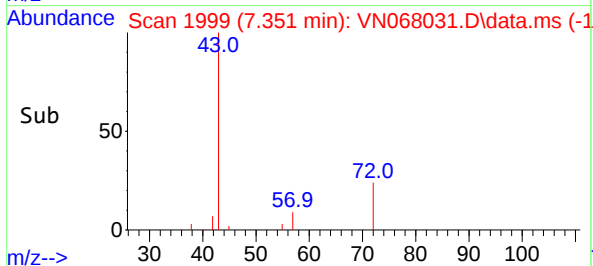
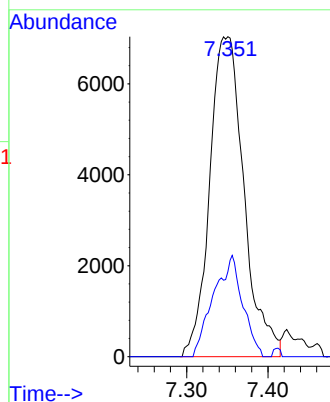
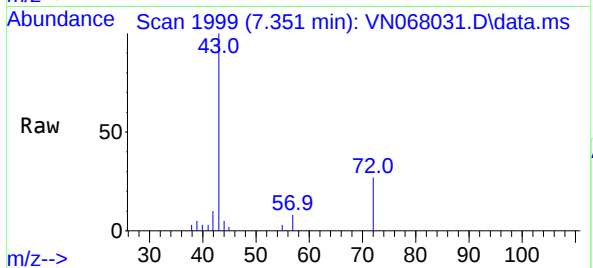
#25
2-Butanone
Concen: 9.259 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.011 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 43 Resp: 20607
Ion Ratio Lower Upper
43 100
72 26.6 19.7 29.5

Instrument :
MSVOA_N
ClientSampled :
WC-2

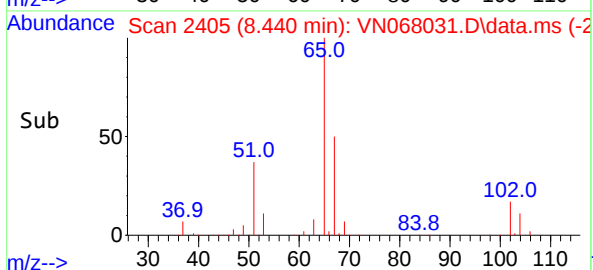
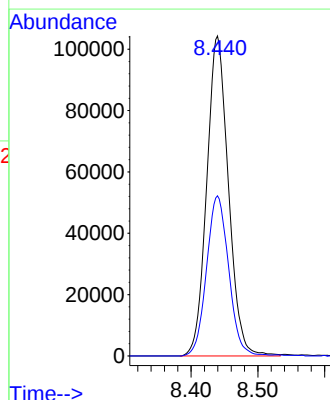
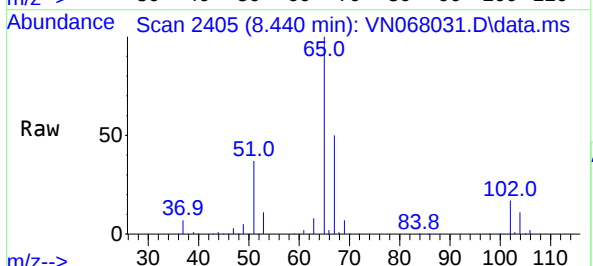
Manual Integrations
APPROVED

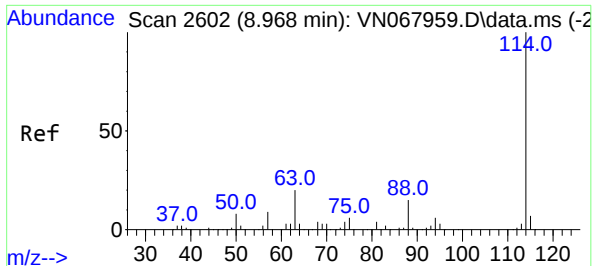
MMDadoda
8/6/2021 5:43:28 PM



#33
1,2-Dichloroethane-d4
Concen: 56.039 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 65 Resp: 235618
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6





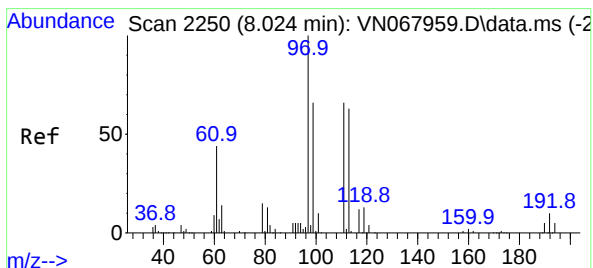
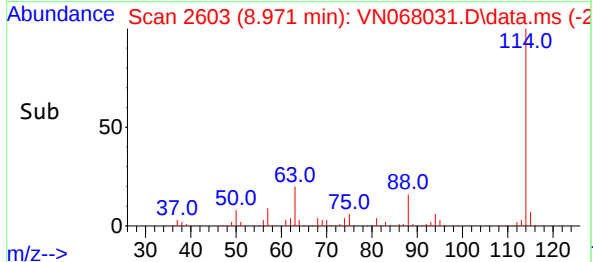
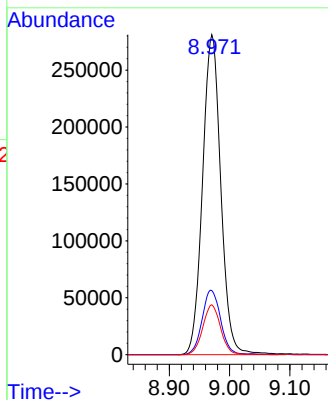
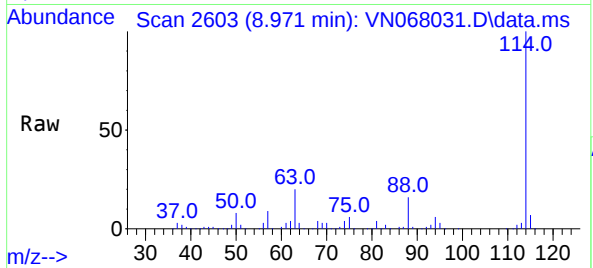
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion:114 Resp: 591653
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 15.6 0.0 36.6

Instrument :
MSVOA_N
ClientSampled :
WC-2

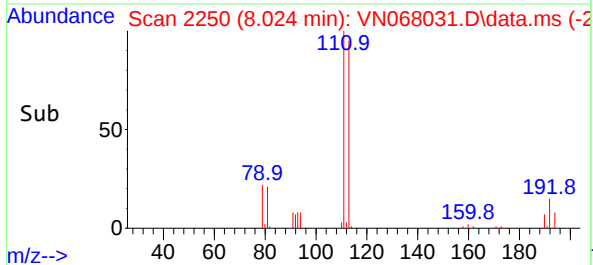
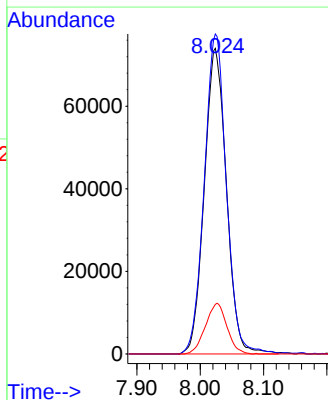
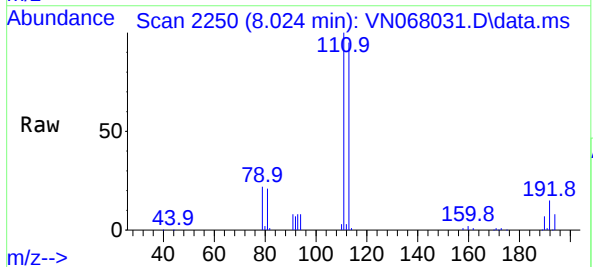
Manual Integrations
APPROVED

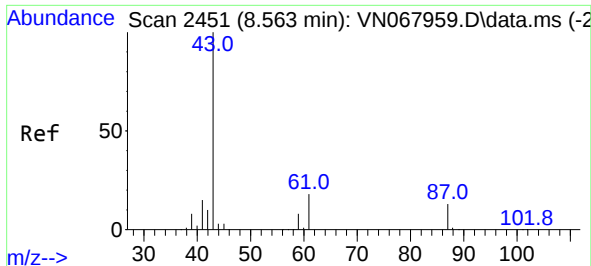
MMDadoda
8/6/2021 5:43:28 PM



#35
Dibromofluoromethane
Concen: 52.067 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion:113 Resp: 179529
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.8
192 16.1 13.4 20.0





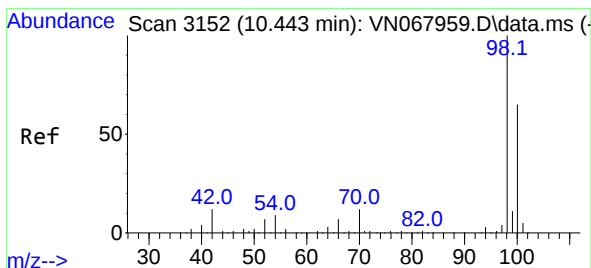
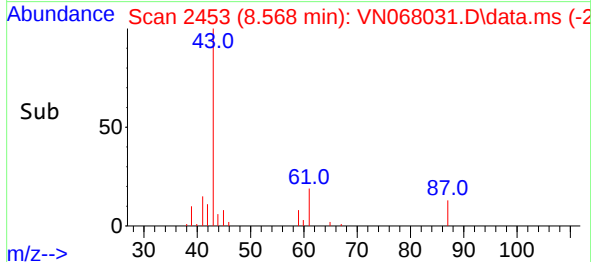
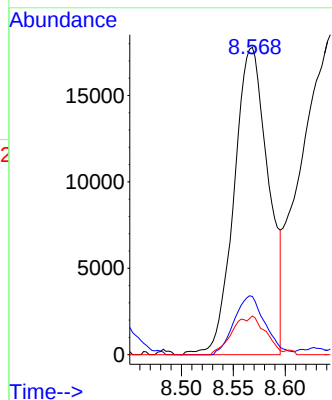
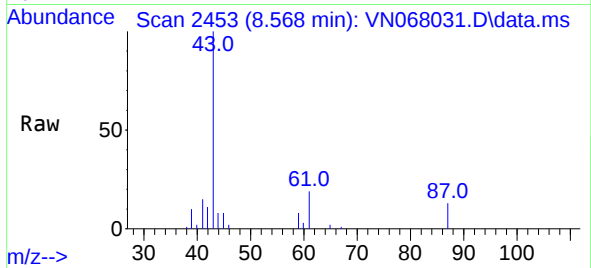
#43
Isopropyl Acetate
Concen: 4.760 ug/l
RT: 8.568 min Scan# 2453
Delta R.T. 0.005 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 43 Resp: 40857
Ion Ratio Lower Upper
43 100
61 17.3 19.0 28.4#
87 12.2 9.5 14.3

Instrument :
MSVOA_N
ClientSampled :
WC-2

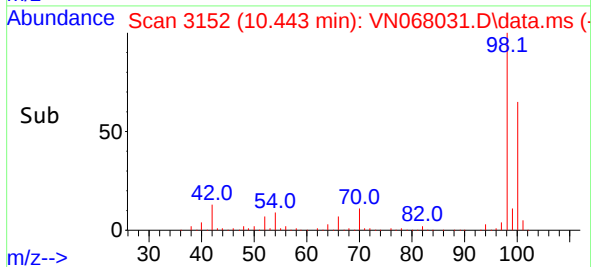
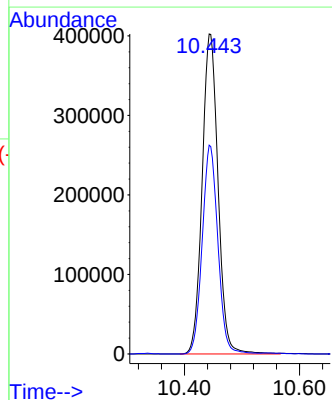
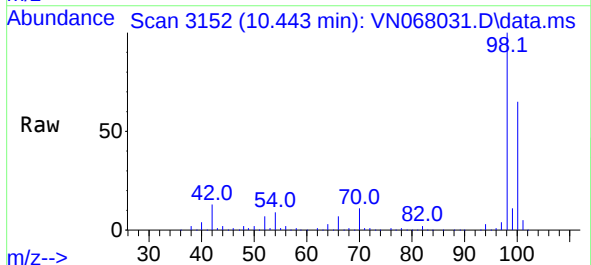
Manual Integrations
APPROVED

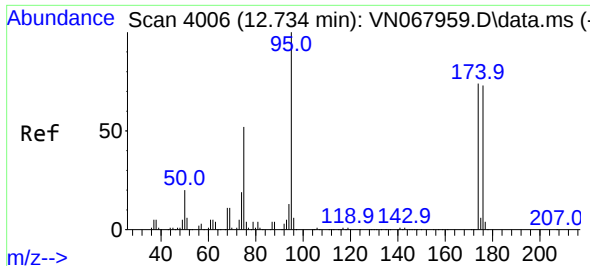
MMDadoda
8/6/2021 5:43:28 PM



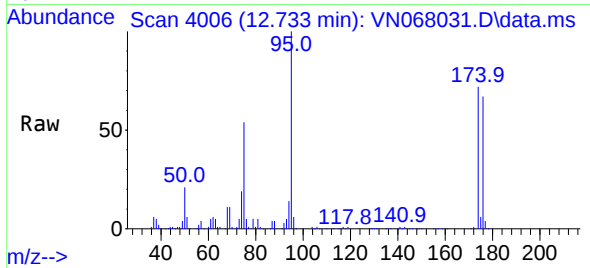
#50
Toluene-d8
Concen: 48.687 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24

Tgt Ion: 98 Resp: 773011
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

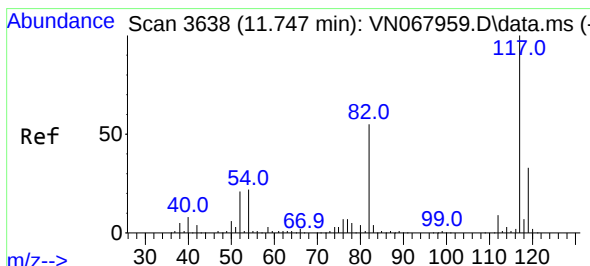
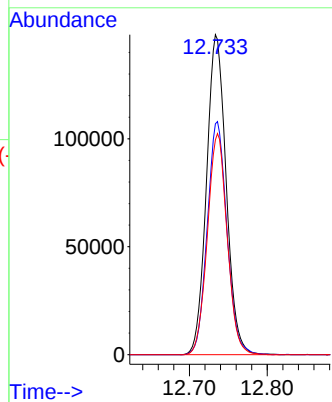
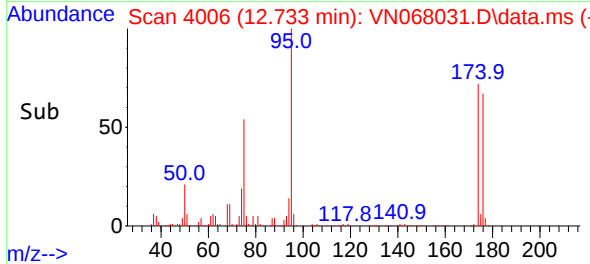




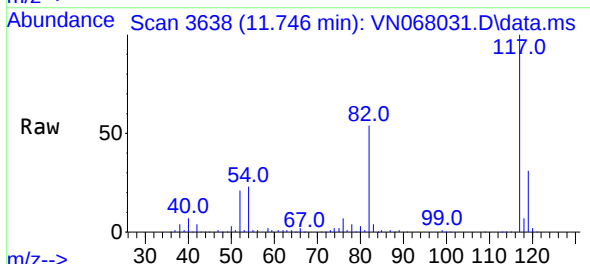
#62
4-Bromofluorobenzene
Concen: 45.200 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24



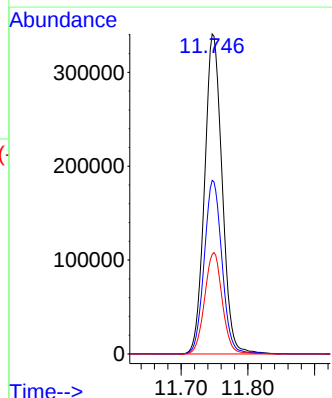
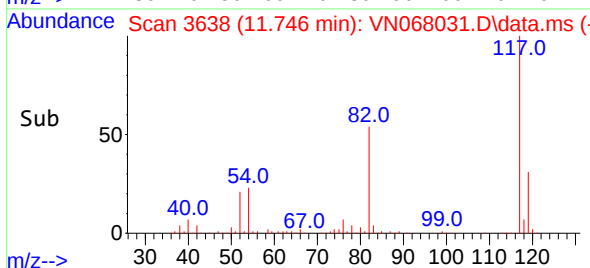
Tgt Ion: 95 Resp: 260181
Ion Ratio Lower Upper
95 100
174 73.1 0.0 122.0
176 69.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068031.D
Acq: 5 Aug 2021 21:24



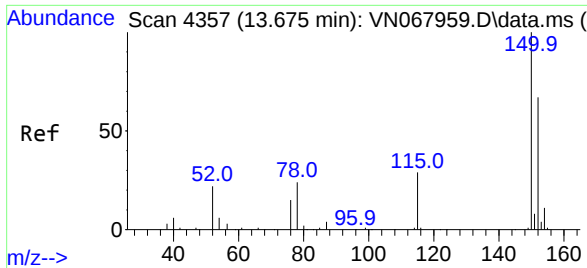
Tgt Ion: 117 Resp: 623063
Ion Ratio Lower Upper
117 100
82 54.3 53.1 79.7
119 31.1 25.5 38.3



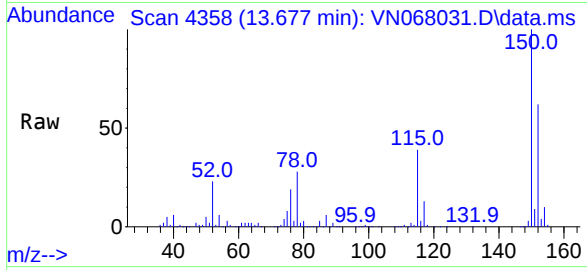
Instrument :
MSVOA_N
ClientSampleId :
WC-2

Manual Integrations
APPROVED

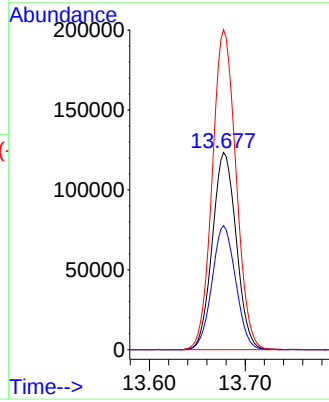
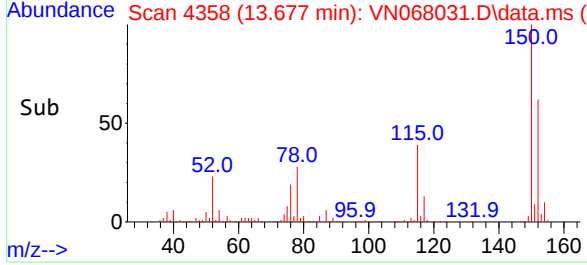
MMDadoda
8/6/2021 5:43:28 PM



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN068031.D
 Acq: 5 Aug 2021 21:24



Tgt Ion:152 Resp: 214002
 Ion Ratio Lower Upper
 152 100
 115 62.4 36.1 108.5
 150 161.1 0.0 351.8



Instrument :
 MSVOA_N
 ClientSampled :
 WC-2

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:43:28 PM