

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068667.D
 Acq On : 25 Sep 2021 15:03
 Operator : JC/MD
 Sample : PB139230ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB139230ZHE#03

Manual Integrations
 APPROVED

MMDadoda
 9/27/2021 11:00:47 AM

Quant Time: Sep 27 04:43:56 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	503317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	835245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	765892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	373053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	372308	47.340	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.680%		
35) Dibromofluoromethane	8.024	113	278414	49.790	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.580%		
50) Toluene-d8	10.446	98	1086051	45.848	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.700%		
62) 4-Bromofluorobenzene	12.733	95	335196	41.375	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	82.740%		
Target Compounds						
16) Acetone	4.291	43	105713	26.854	ug/l	Qvalue 96
20) Methylene Chloride	5.109	84	24488m	2.213	ug/l	
25) 2-Butanone	7.343	43	24456	5.105	ug/l	100
43) Isopropyl Acetate	8.563	43	59283	3.619	ug/l #	87

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

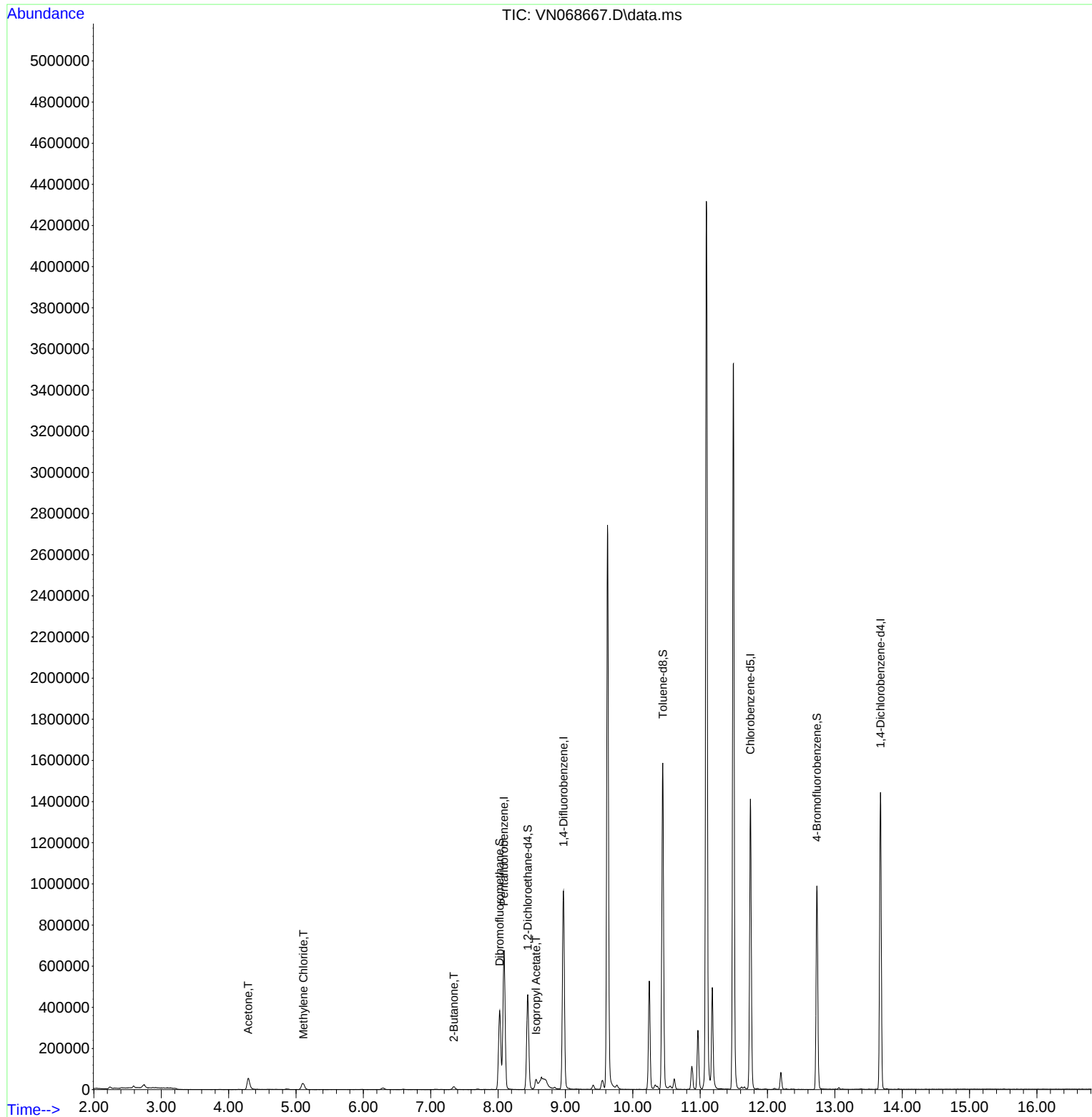
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
Data File : VN068667.D
Acq On : 25 Sep 2021 15:03
Operator : JC/MD
Sample : PB139230ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

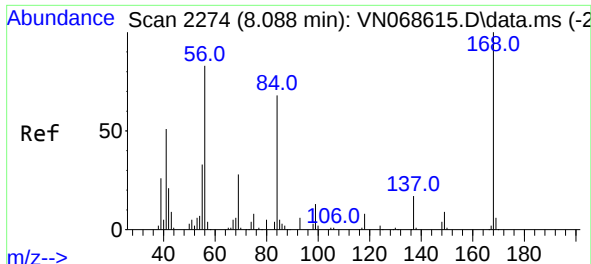
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03

Manual Integrations
APPROVED

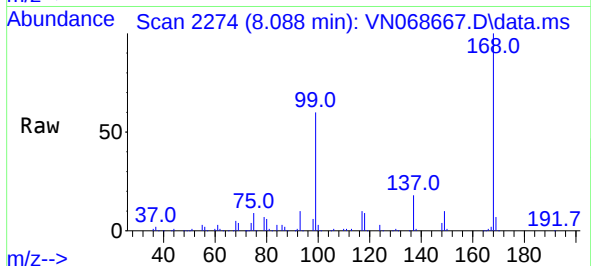
MMDadoda
9/27/2021 11:00:47 AM

Quant Time: Sep 27 04:43:56 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

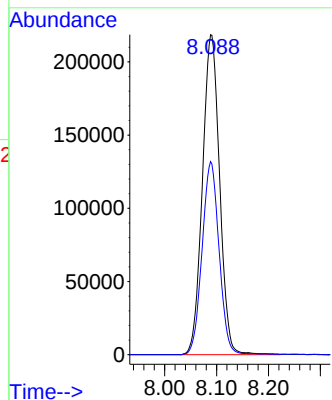
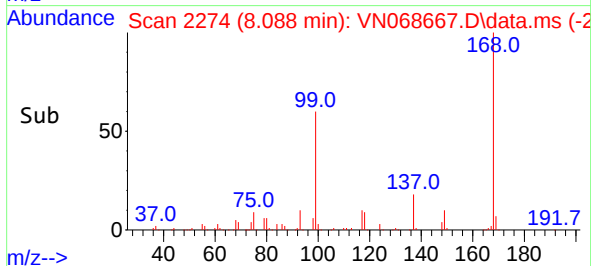




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



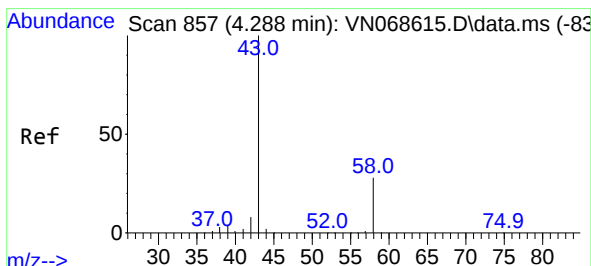
Tgt Ion: 168 Resp: 503317
Ion Ratio Lower Upper
168 100
99 60.4 62.9 94.3#



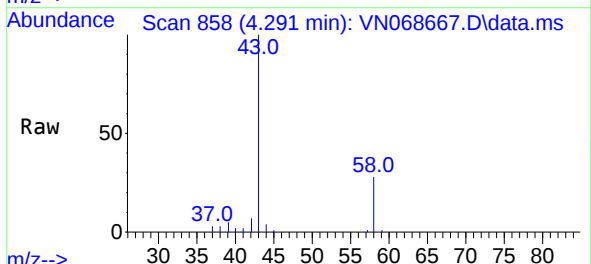
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03

Manual Integrations
APPROVED

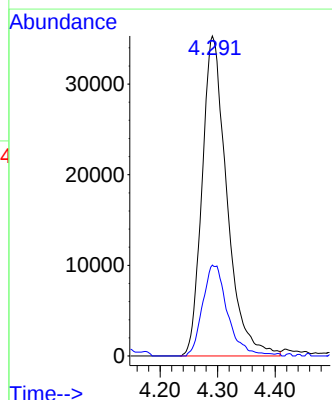
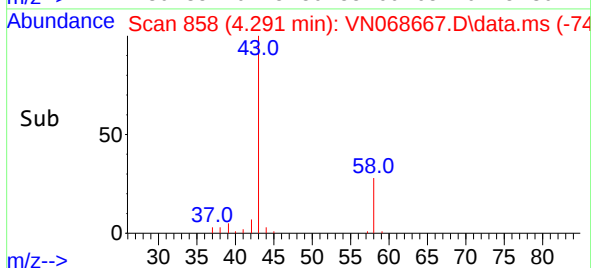
MMDadoda
9/27/2021 11:00:47 AM

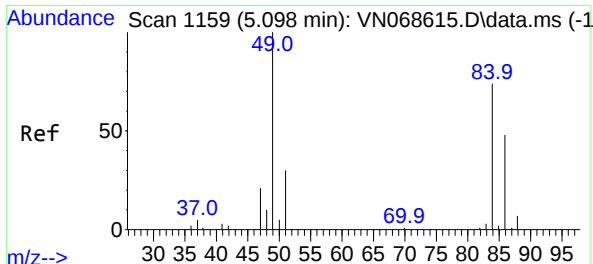


#16
Acetone
Concen: 26.854 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



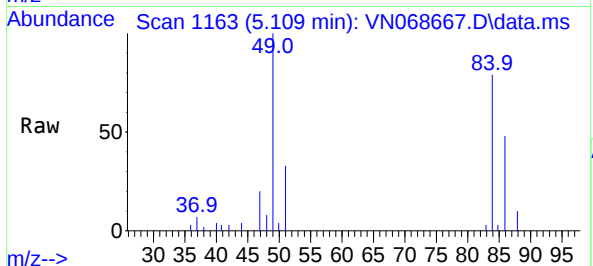
Tgt Ion: 43 Resp: 105713
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8





#20
Methylene Chloride
Concen: 2.213 ug/l m
RT: 5.109 min Scan# 1163
Delta R.T. 0.011 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03

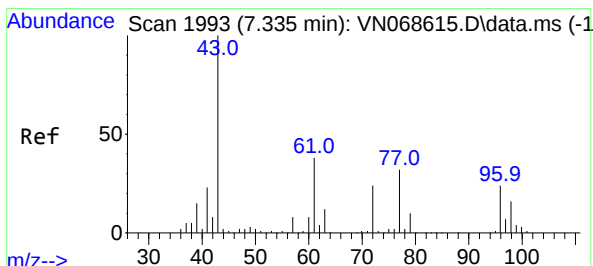
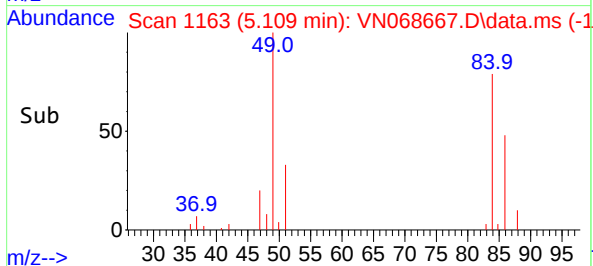
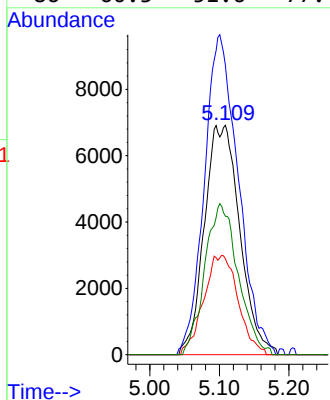
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03



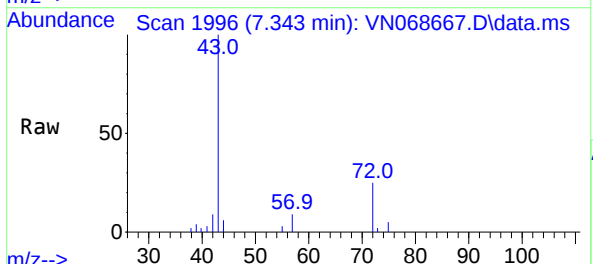
Tgt Ion:	84	Resp:	24488
Ion	Ratio	Lower	Upper
84	100		
49	126.1	110.9	166.3
51	41.8	32.6	49.0
86	60.3	51.6	77.4

Manual Integrations
APPROVED

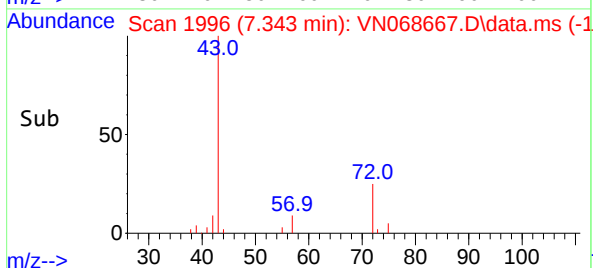
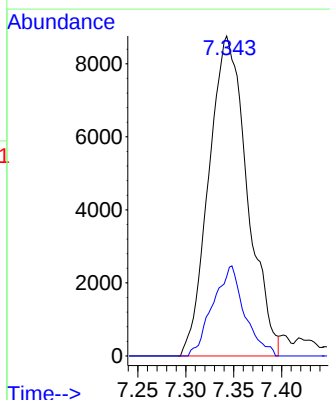
MMDadoda
9/27/2021 11:00:47 AM

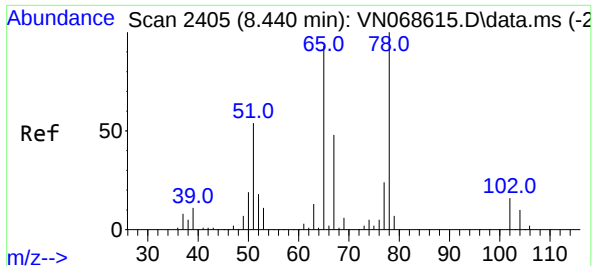


#25
2-Butanone
Concen: 5.105 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



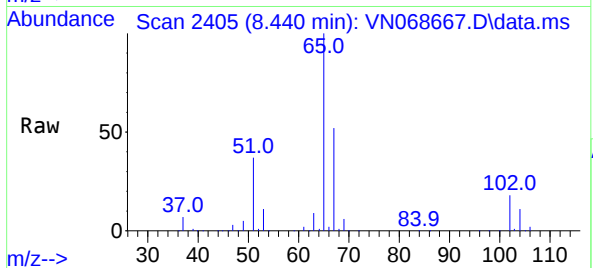
Tgt Ion:	43	Resp:	24456
Ion	Ratio	Lower	Upper
43	100		
72	24.8	19.7	29.5





#33
1,2-Dichloroethane-d4
Concen: 47.340 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03

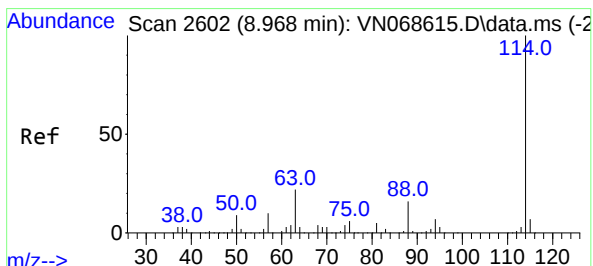
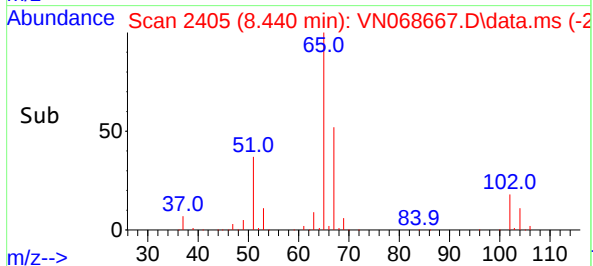
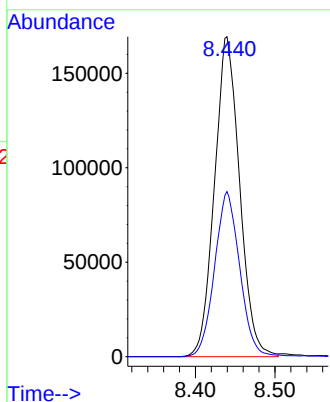
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03



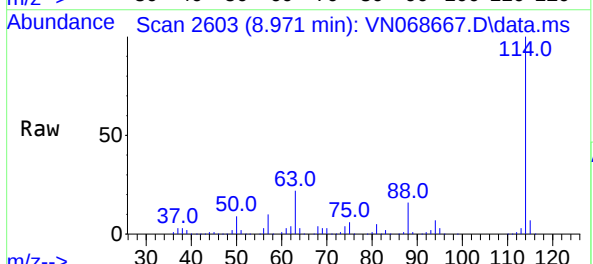
Tgt Ion: 65 Resp: 372308
Ion Ratio Lower Upper
65 100
67 51.7 0.0 98.6

Manual Integrations
APPROVED

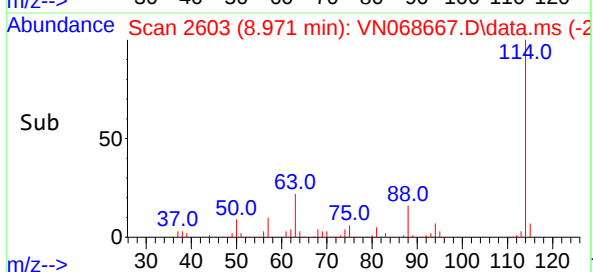
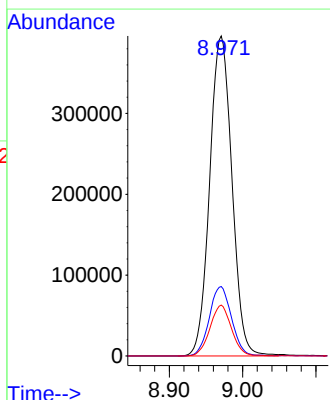
MMDadoda
9/27/2021 11:00:47 AM

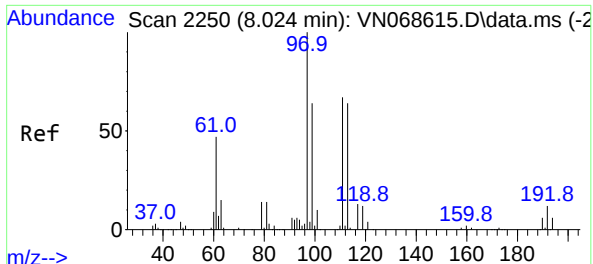


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03

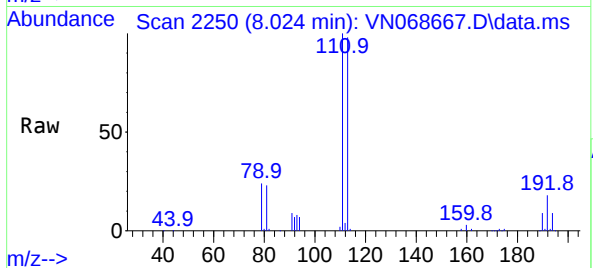


Tgt Ion: 114 Resp: 835245
Ion Ratio Lower Upper
114 100
63 21.7 0.0 49.0
88 15.9 0.0 36.6

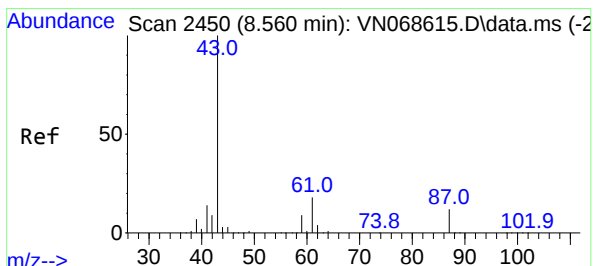
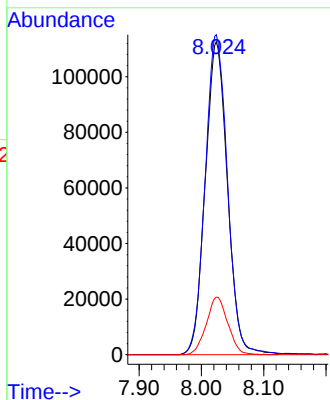
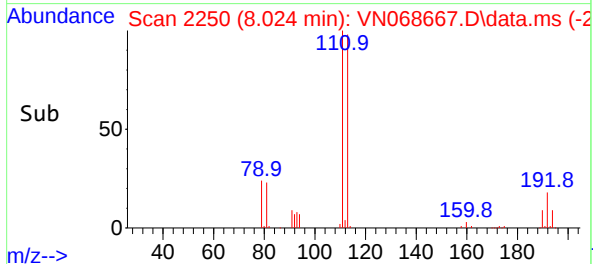




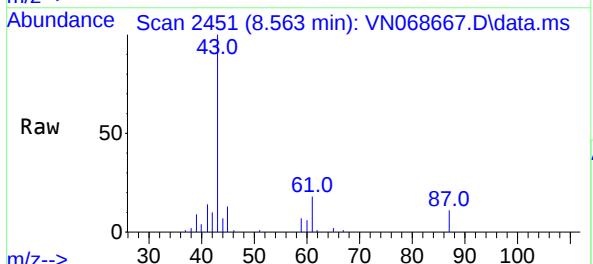
#35
Dibromofluoromethane
Concen: 49.790 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



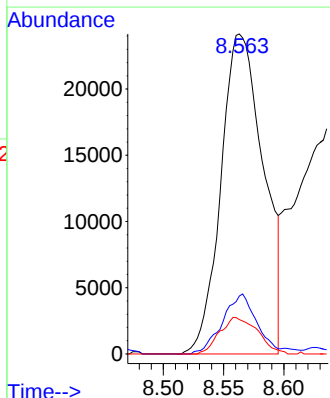
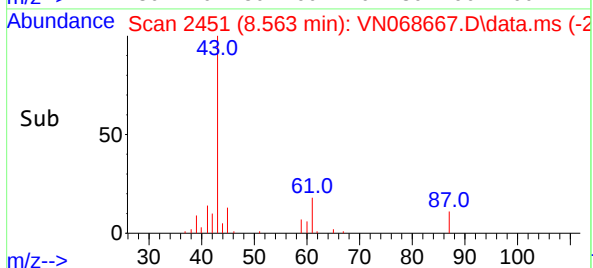
Tgt Ion: 113 Resp: 278414
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 17.9 13.4 20.0



#43
Isopropyl Acetate
Concen: 3.619 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



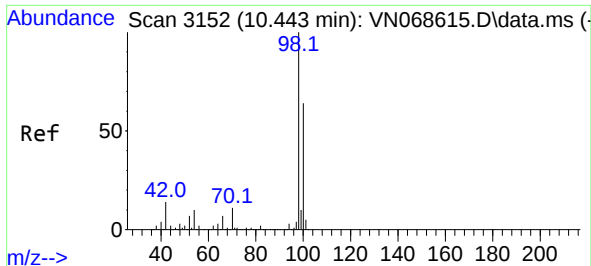
Tgt Ion: 43 Resp: 59283
Ion Ratio Lower Upper
43 100
61 15.1 19.0 28.4#
87 10.2 9.5 14.3



Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03

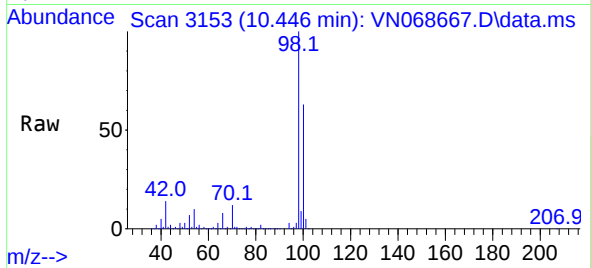
Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:00:47 AM



#50
Toluene-d8
Concen: 45.848 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03

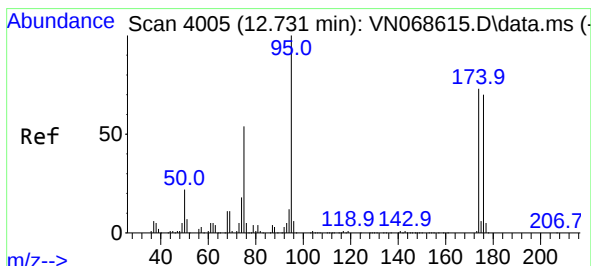
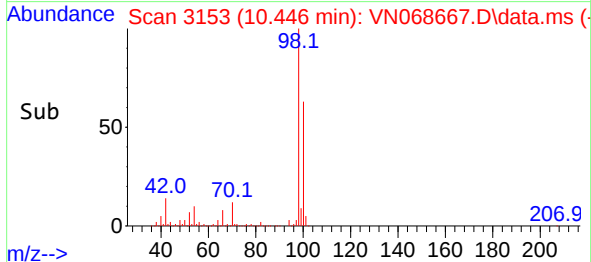
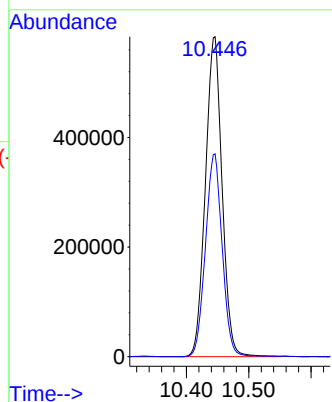
Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03



Tgt Ion: 98 Resp: 1086051
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5

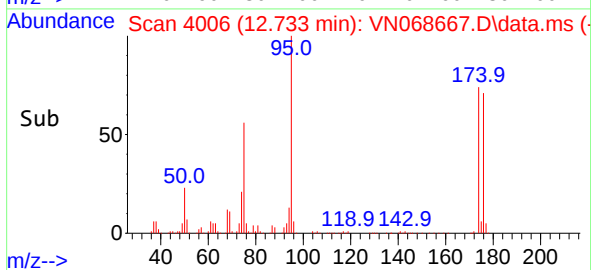
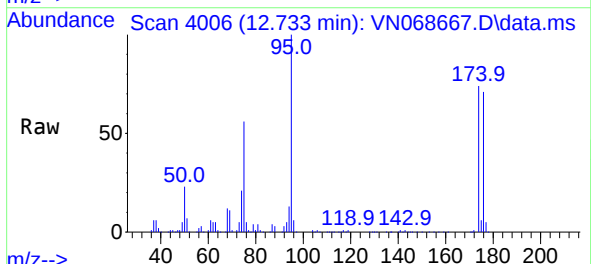
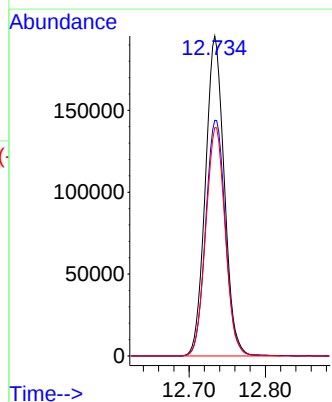
Manual Integrations
APPROVED

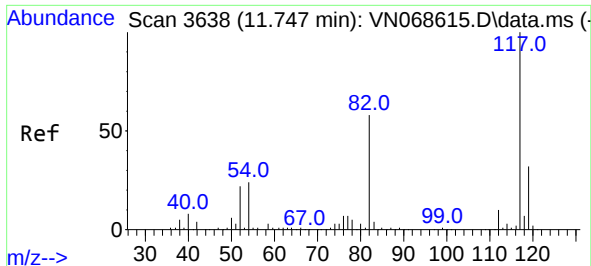
MMDadoda
9/27/2021 11:00:47 AM



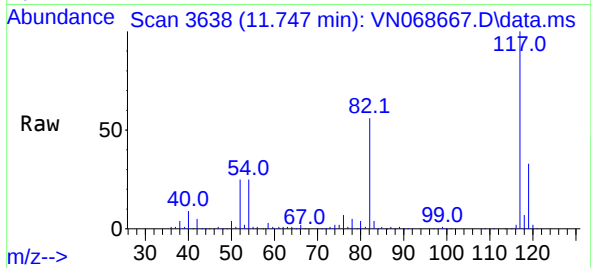
#62
4-Bromofluorobenzene
Concen: 41.375 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03

Tgt Ion: 95 Resp: 335196
Ion Ratio Lower Upper
95 100
174 76.7 0.0 122.0
176 73.6 0.0 117.6

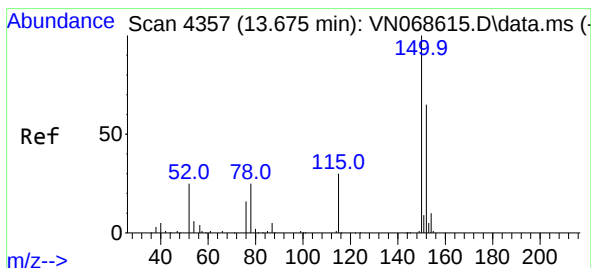
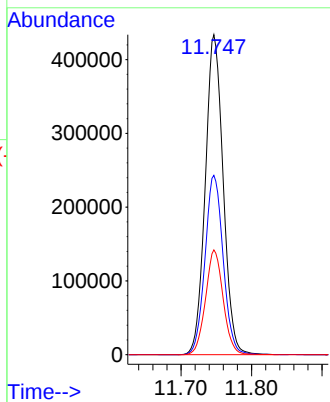
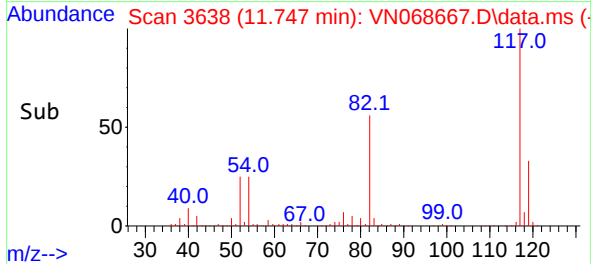




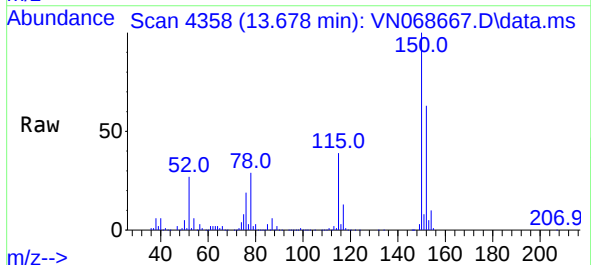
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



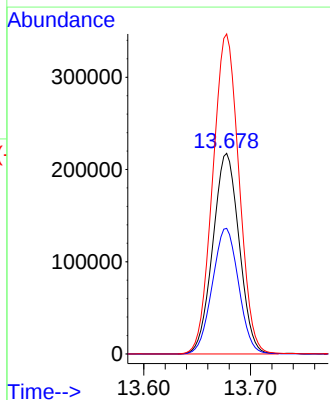
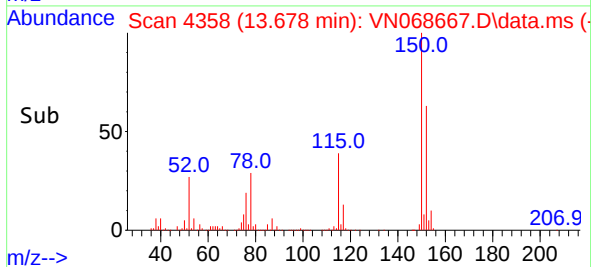
Tgt Ion:117 Resp: 765892
Ion Ratio Lower Upper
117 100
82 56.1 53.1 79.7
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068667.D
Acq: 25 Sep 2021 15:03



Tgt Ion:152 Resp: 373053
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 159.3 0.0 351.8



Instrument :
MSVOA_N
ClientSampleId :
PB139230ZHE#03

Manual Integrations
APPROVED

MMDadoda
9/27/2021 11:00:47 AM