

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
 Data File : VN066712.D
 Acq On : 22 Apr 2021 14:16
 Operator : JC/MD
 Sample : M2134-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 210421003-05-TRIP-BLANK

Manual Integrations
 APPROVED

MMDadoda
 4/23/2021 1:15:22 PM

Quant Time: Apr 23 06:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 21 16:55:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.114	128	50213	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.516	114	263531	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.348	117	218384	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.953	65	106734	29.50	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.33%	
60) 4-Bromofluorobenzene	12.349	95	74882	21.88	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	72.93%	
63) Toluene-d8	10.029	98	316847	31.53	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	105.10%	
Target Compounds						
15) Acetone	3.756	58	1383m	3.37	ug/l	Qvalue
18) Methylene Chloride	4.472	84	1132	0.34	ug/l #	80
25) Chloroform	7.285	83	2162m	0.39	ug/l	
91) Naphthalene	15.084	128	22741	3.15	ug/l #	89

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

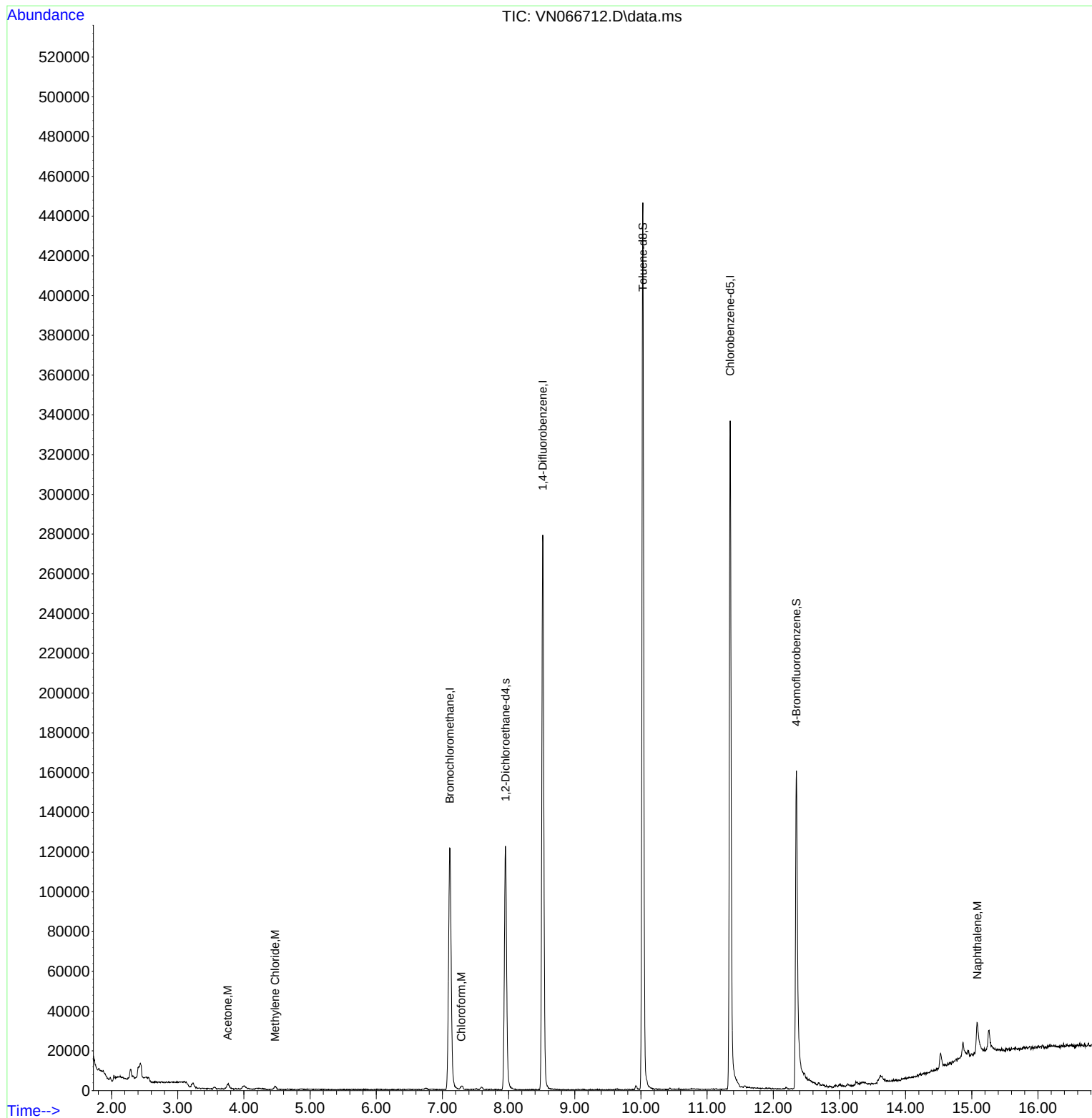
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042221\
Data File : VN066712.D
Acq On : 22 Apr 2021 14:16
Operator : JC/MD
Sample : M2134-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

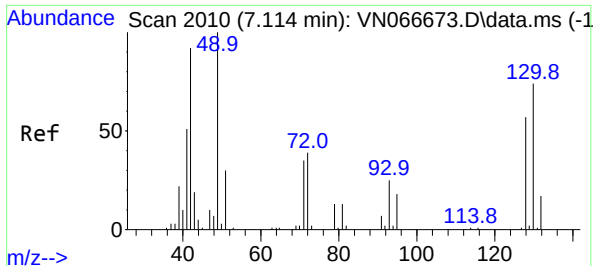
Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK

Manual Integrations
APPROVED

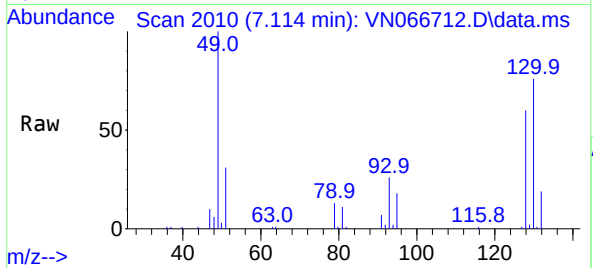
MMDadoda
4/23/2021 1:15:22 PM

Quant Time: Apr 23 06:30:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Apr 21 16:55:39 2021
Response via : Initial Calibration

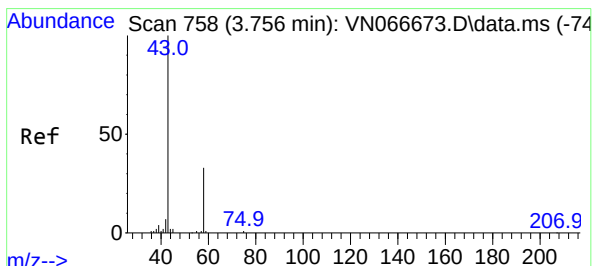
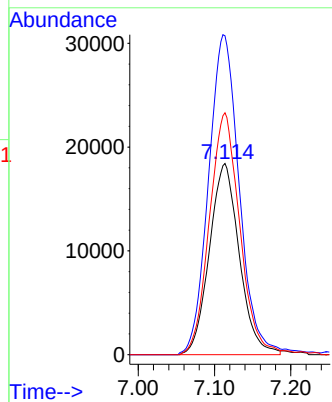
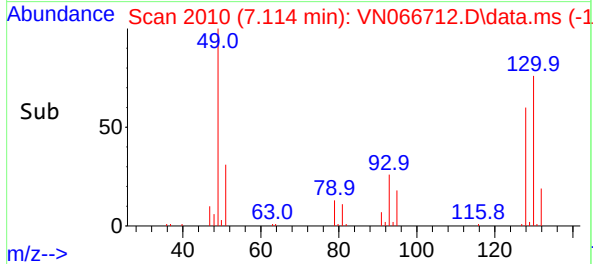




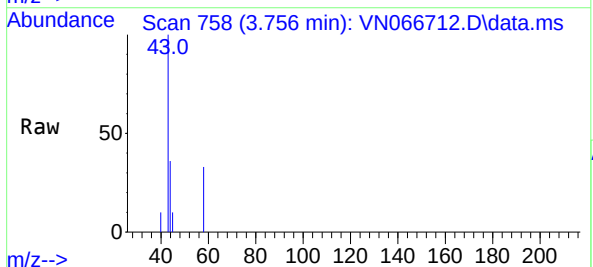
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.114 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16



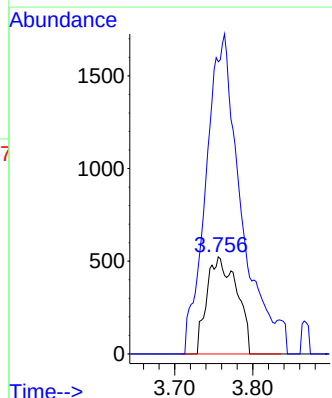
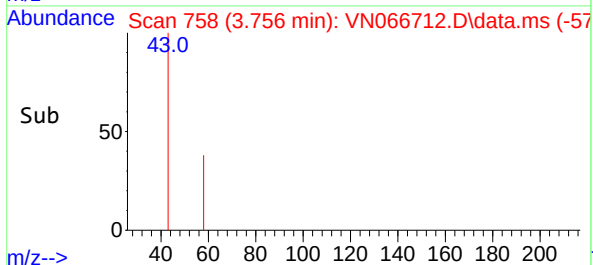
Tgt Ion:128 Resp: 50213
Ion Ratio Lower Upper
128 100
49 170.9 0.0 429.3
130 128.8 0.0 328.5



#15
Acetone
Concen: 3.37 ug/l m
RT: 3.756 min Scan# 758
Delta R.T. -0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16



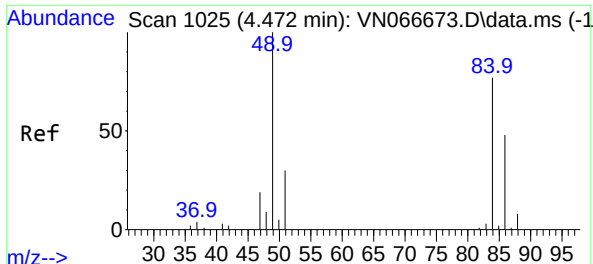
Tgt Ion: 58 Resp: 1383
Ion Ratio Lower Upper
58 100
43 300.8 267.3 400.9



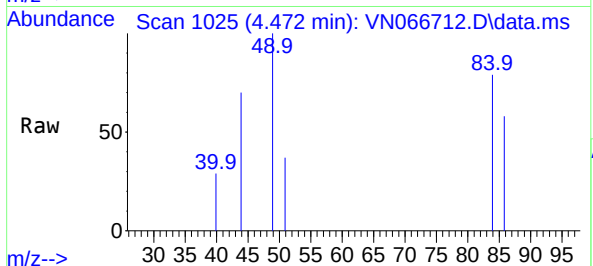
Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK

Manual Integrations
APPROVED

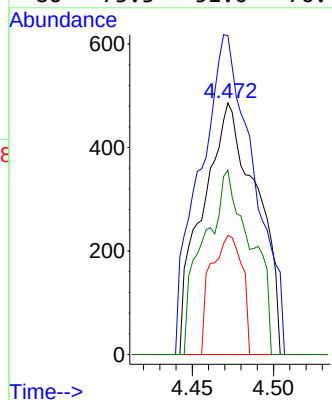
MMDadoda
4/23/2021 1:15:22 PM



#18
Methylene Chloride
Concen: 0.34 ug/l
RT: 4.472 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16



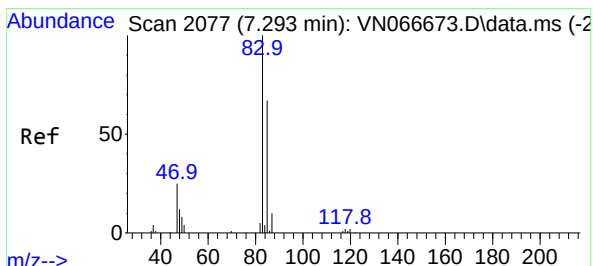
Tgt Ion:	84	Resp:	1132
Ion	Ratio	Lower	Upper
84	100		
49	94.0	98.9	148.3#
51	47.3	30.8	46.2#
86	73.3	51.0	76.4



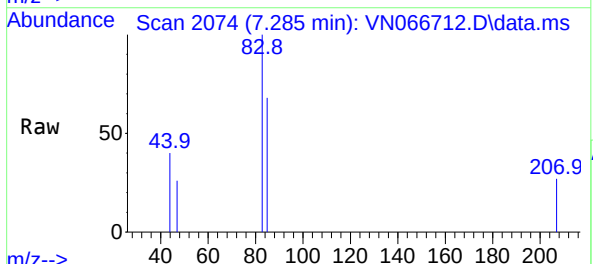
Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK

Manual Integrations
APPROVED

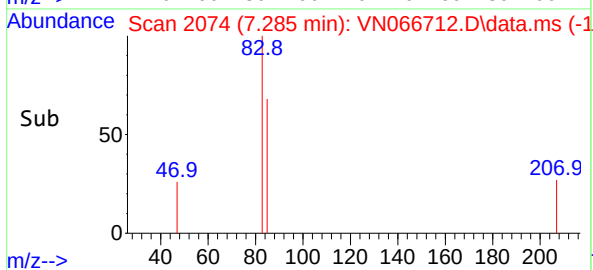
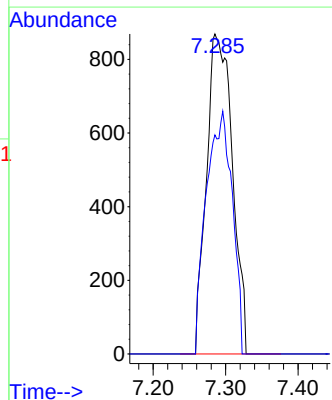
MMDadoda
4/23/2021 1:15:22 PM

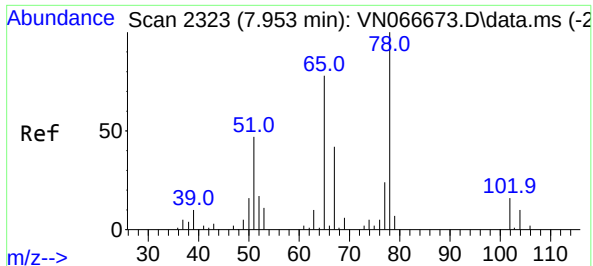


#25
Chloroform
Concen: 0.39 ug/l m
RT: 7.285 min Scan# 2074
Delta R.T. -0.008 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16



Tgt Ion:	83	Resp:	2162
Ion	Ratio	Lower	Upper
83	100		
85	68.5	49.4	74.2





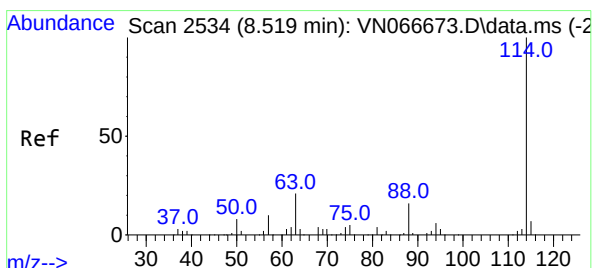
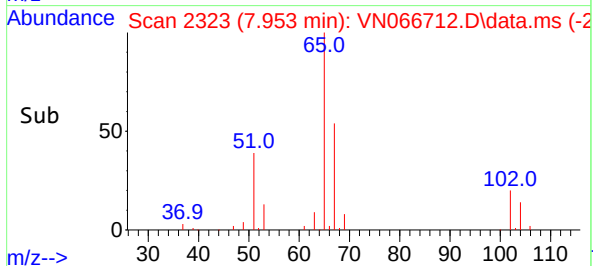
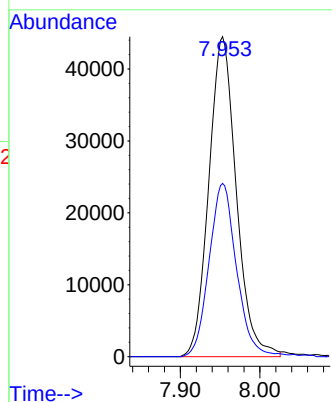
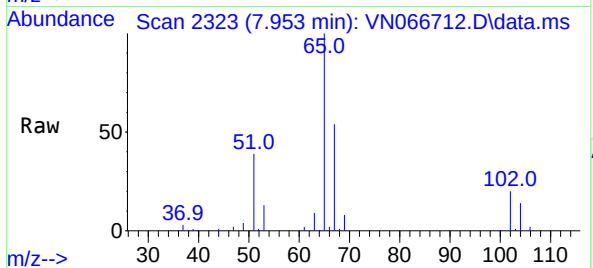
#27
1,2-Dichloroethane-d4
Concen: 29.50 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16

Tgt Ion: 65 Resp: 106734
Ion Ratio Lower Upper
65 100
67 53.9 42.2 63.4

Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK

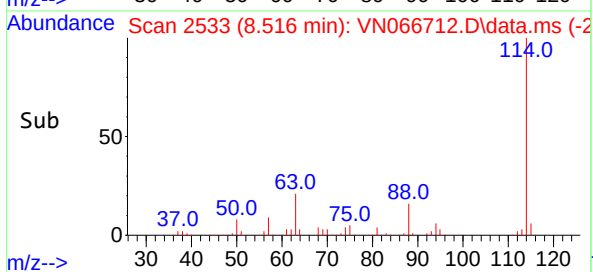
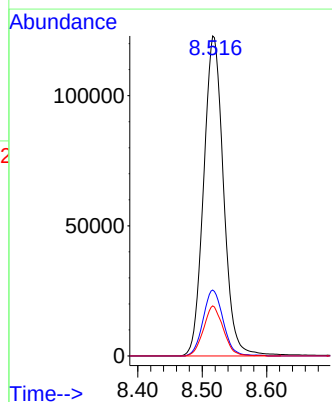
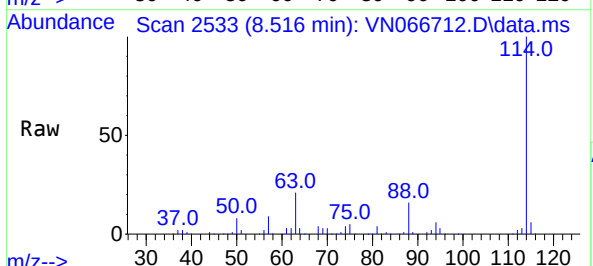
Manual Integrations
APPROVED

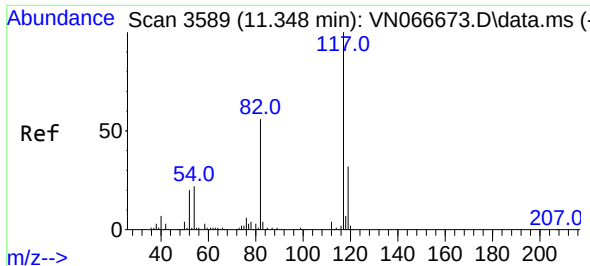
MMDadoda
4/23/2021 1:15:22 PM



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.516 min Scan# 2533
Delta R.T. -0.003 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16

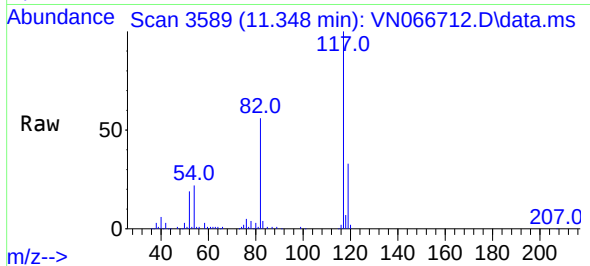
Tgt Ion: 114 Resp: 263531
Ion Ratio Lower Upper
114 100
63 20.8 17.4 26.0
88 15.5 12.6 19.0





#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. 0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16

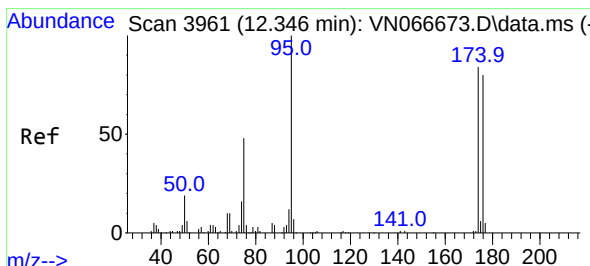
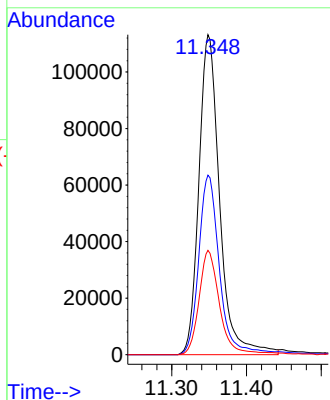
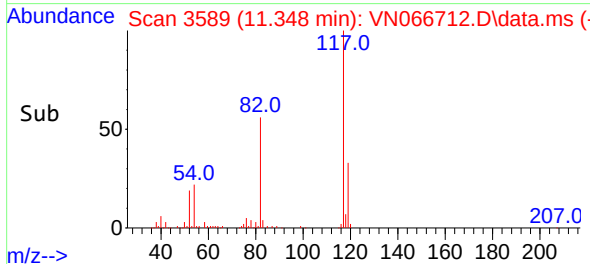
Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK



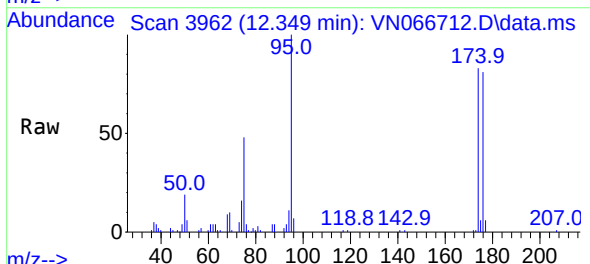
Tgt Ion:117 Resp: 218384
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.6
119 31.8 25.5 38.3

Manual Integrations
APPROVED

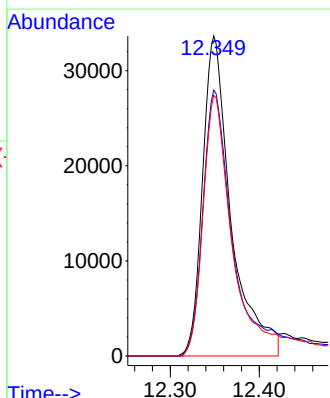
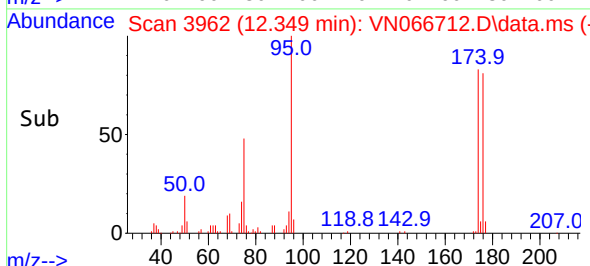
MMDadoda
4/23/2021 1:15:22 PM

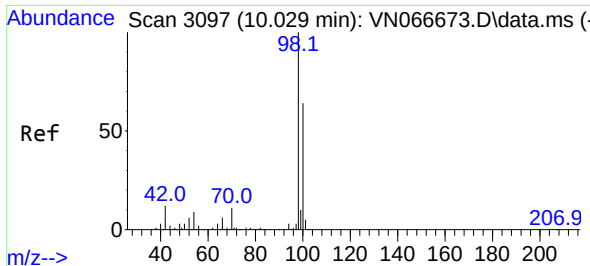


#60
4-Bromofluorobenzene
Concen: 21.88 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.003 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16



Tgt Ion: 95 Resp: 74882
Ion Ratio Lower Upper
95 100
174 83.0 68.1 102.1
176 81.4 65.4 98.0





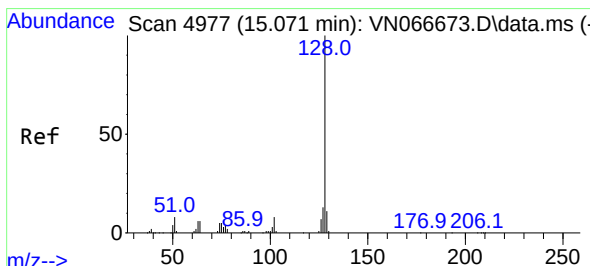
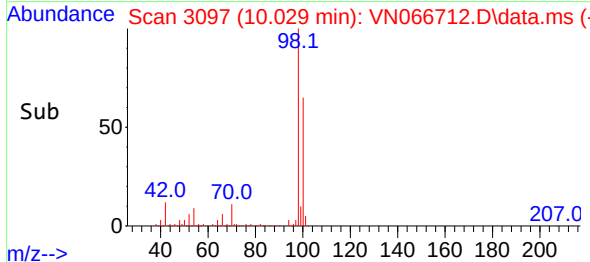
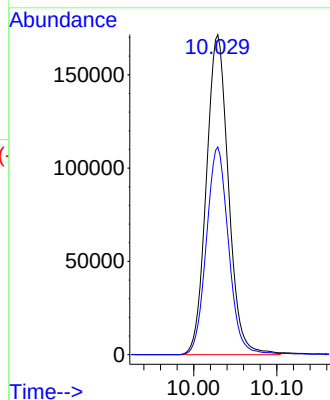
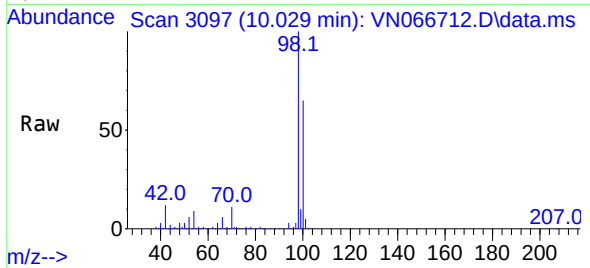
#63
Toluene-d8
Concen: 31.53 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16

Tgt Ion: 98 Resp: 316847
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7

Instrument :
MSVOA_N
ClientSampleId :
210421003-05-TRIP-BLANK

Manual Integrations
APPROVED

MMDadoda
4/23/2021 1:15:22 PM



#91
Naphthalene
Concen: 3.15 ug/l
RT: 15.084 min Scan# 4982
Delta R.T. 0.013 min
Lab File: VN066712.D
Acq: 22 Apr 2021 14:16

Tgt Ion:128 Resp: 22741
Ion Ratio Lower Upper
128 100
127 7.1 10.2 15.2#
129 8.1 8.6 13.0#

