

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068409.D
 Acq On : 3 Sep 2021 16:01
 Operator : JC/MD
 Sample : M3644-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 191-0902-W

Manual Integrations
 APPROVED

MMDadoda
 9/7/2021 4:39:18 PM

Quant Time: Sep 04 03:12:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.662	128	94924	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	505042	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	417685	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	186880	33.207	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.700%#
60) 4-Bromofluorobenzene	12.733	95	162239	27.429	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.433%
63) Toluene-d8	10.443	98	589460	31.690	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.633%
Target Compounds						Qvalue
25) Chloroform	7.820	83	3919m	0.398	ug/l	

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

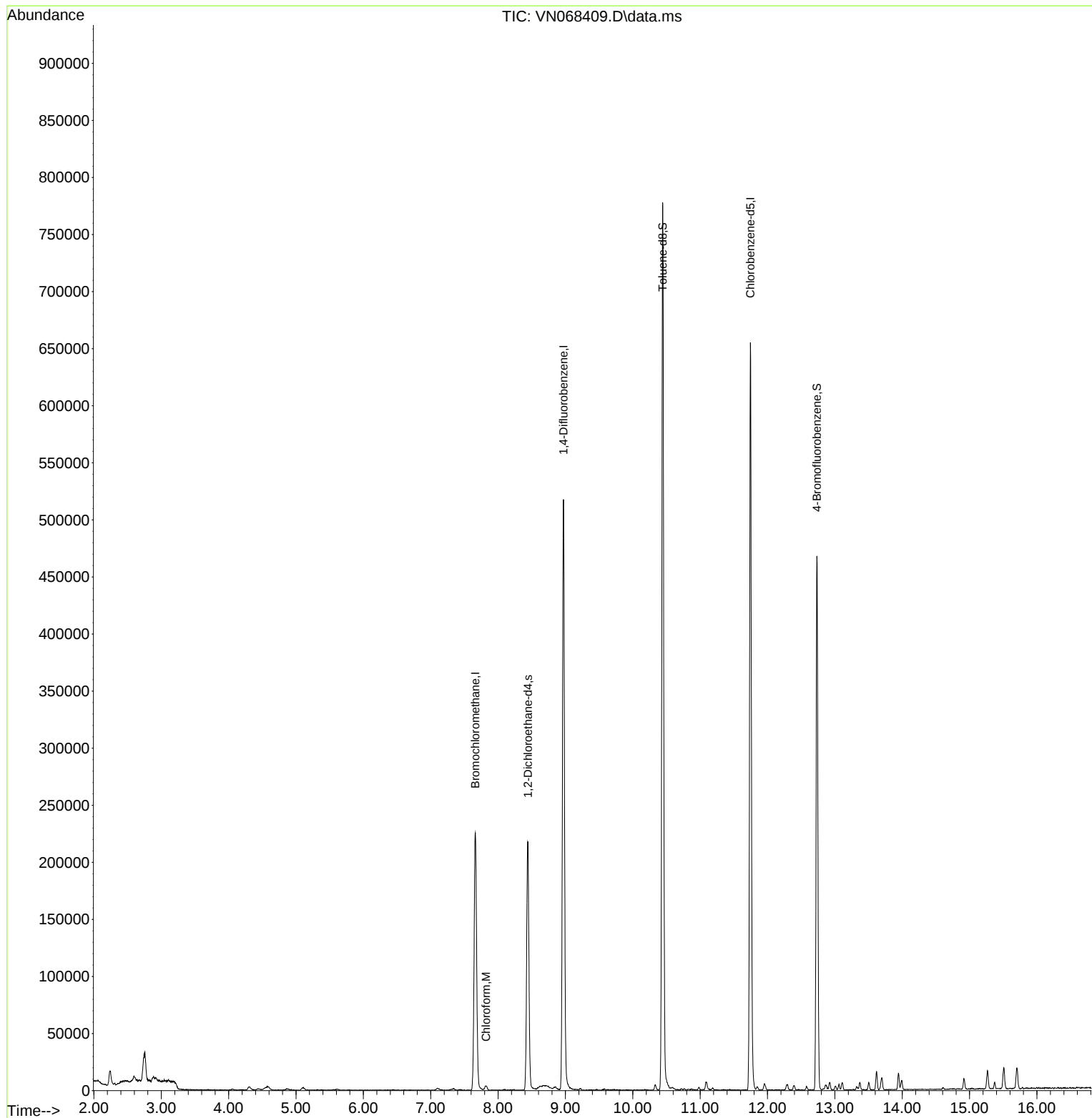
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
Data File : VN068409.D
Acq On : 3 Sep 2021 16:01
Operator : JC/MD
Sample : M3644-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

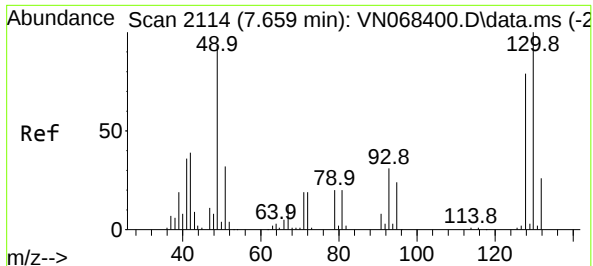
Instrument :
MSVOA_N
ClientSampleId :
191-0902-W

Manual Integrations
APPROVED

MMDadoda
9/7/2021 4:39:18 PM

Quant Time: Sep 04 03:12:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration





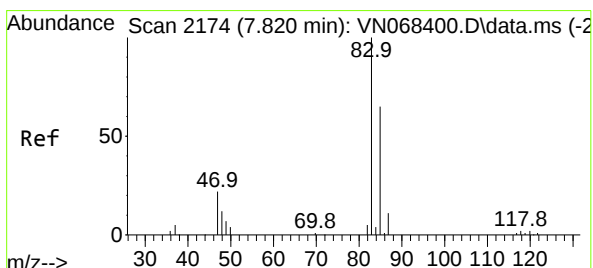
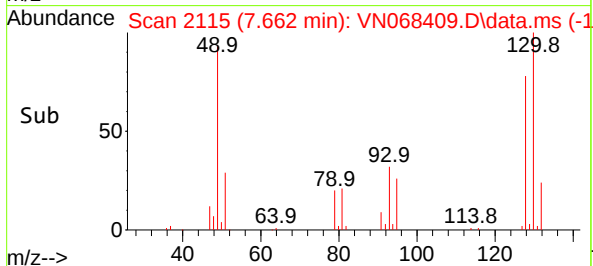
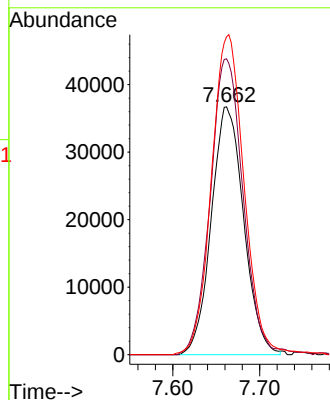
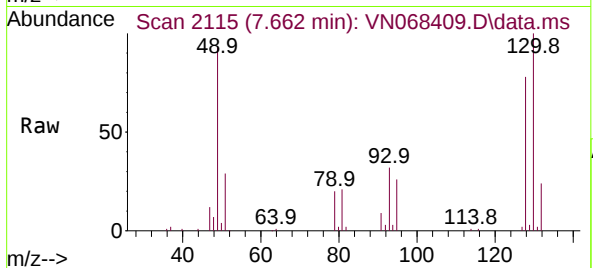
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01

Tgt Ion: 128 Resp: 94924
Ion Ratio Lower Upper
128 100
49 120.3 0.0 517.5
130 130.0 0.0 325.8

Instrument :
MSVOA_N
ClientSampled :
191-0902-W

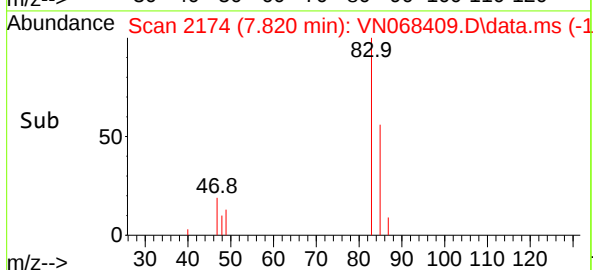
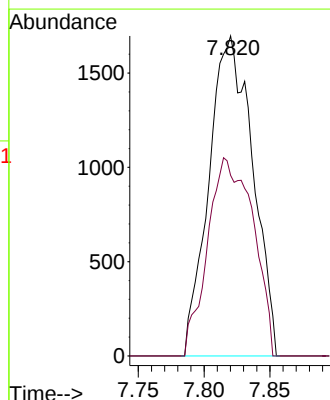
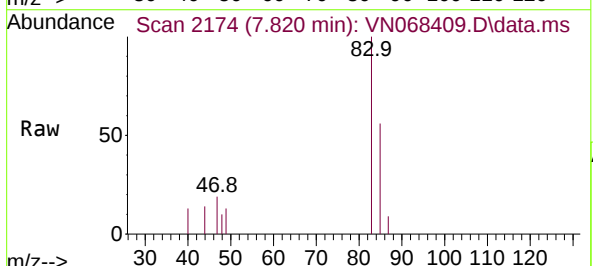
Manual Integrations
APPROVED

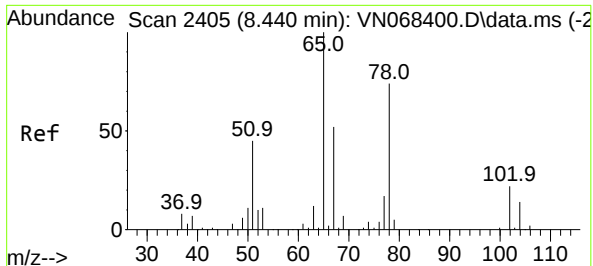
MMDadoda
9/7/2021 4:39:18 PM



#25
Chloroform
Concen: 0.398 ug/l m
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01

Tgt Ion: 83 Resp: 3919
Ion Ratio Lower Upper
83 100
85 56.5 51.5 77.3





#27

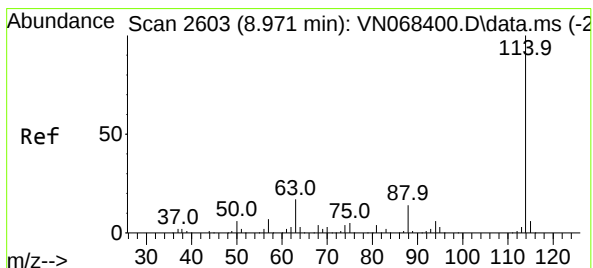
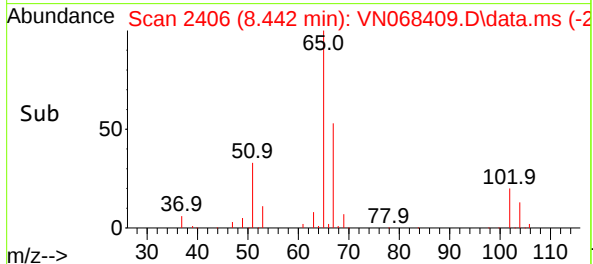
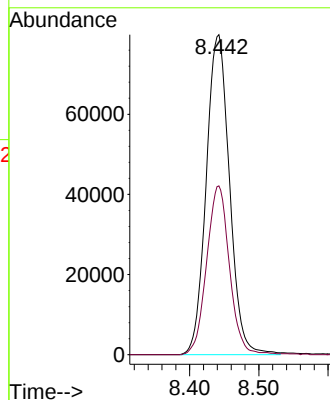
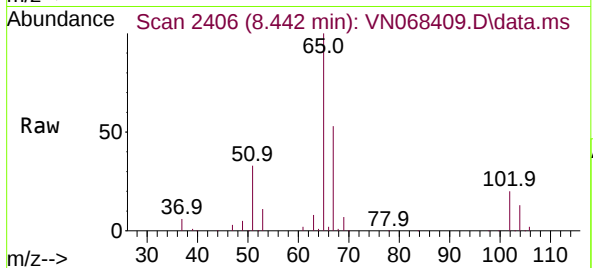
1,2-Dichloroethane-d4
Concen: 33.207 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01

Tgt Ion: 65 Resp: 186880
Ion Ratio Lower Upper
65 100
67 51.3 39.8 59.8

Instrument :
MSVOA_N
ClientSampled :
191-0902-W

Manual Integrations
APPROVED

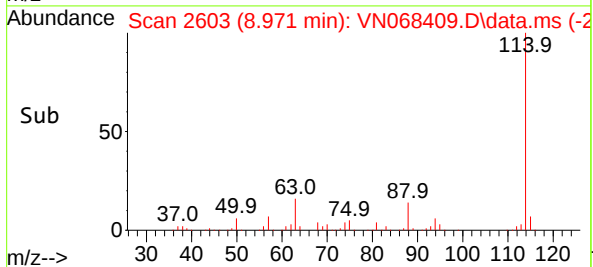
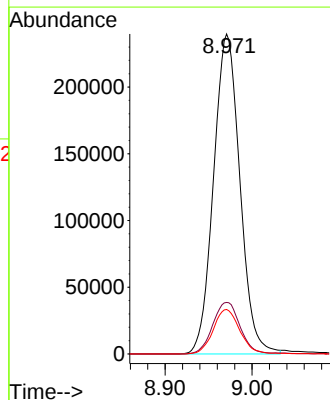
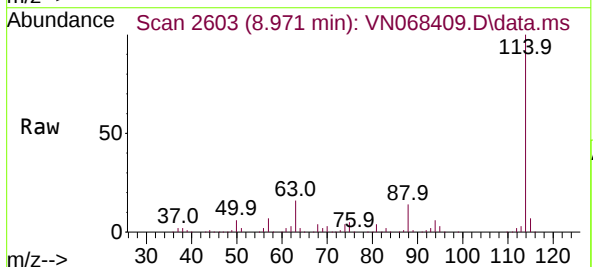
MMDadoda
9/7/2021 4:39:18 PM

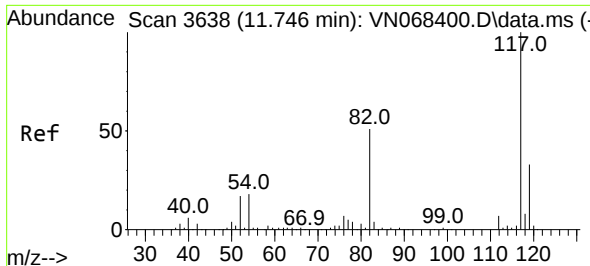


#28

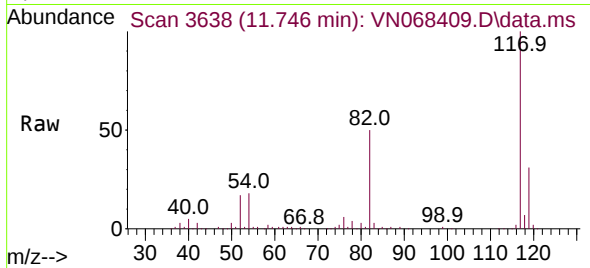
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01

Tgt Ion: 114 Resp: 505042
Ion Ratio Lower Upper
114 100
63 16.7 20.3 30.5#
88 14.0 14.6 22.0#

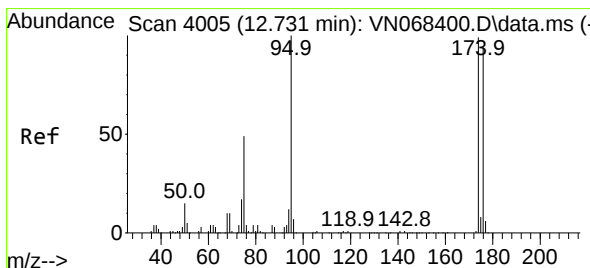
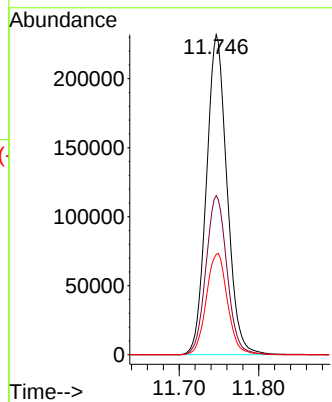
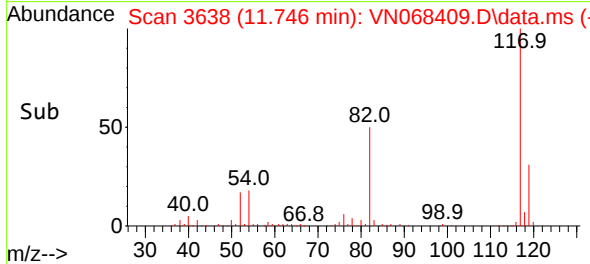




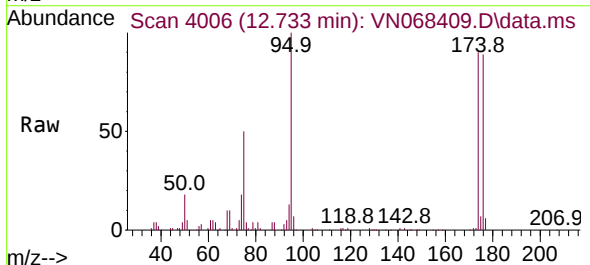
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01



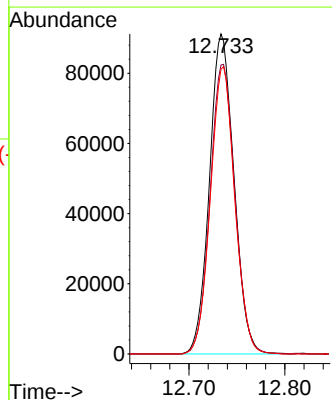
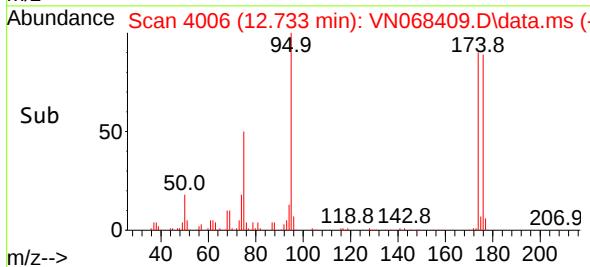
Tgt Ion: 117 Resp: 417685
Ion Ratio Lower Upper
117 100
82 50.9 52.5 78.7#
119 32.6 25.8 38.8



#60
4-Bromofluorobenzene
Concen: 27.429 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01



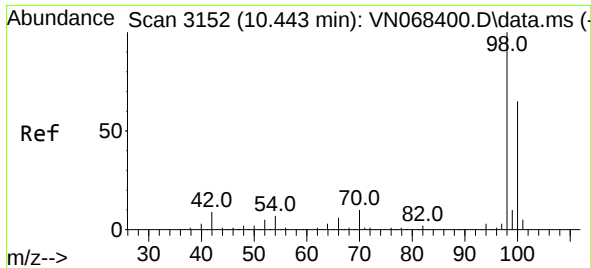
Tgt Ion: 95 Resp: 162239
Ion Ratio Lower Upper
95 100
174 91.5 47.7 71.5#
176 89.3 45.7 68.5#



Instrument :
MSVOA_N
ClientSampleId :
191-0902-W

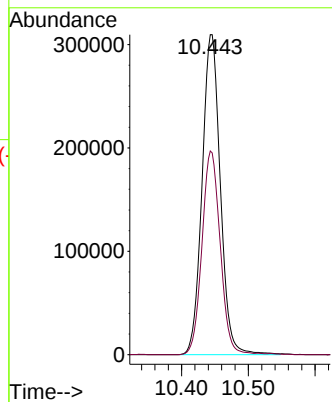
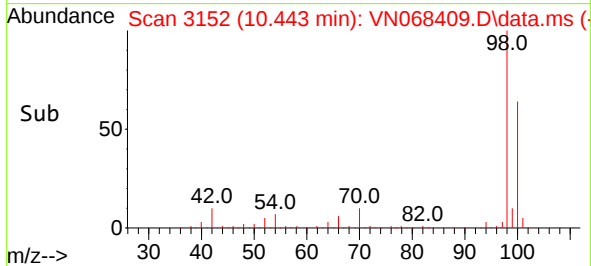
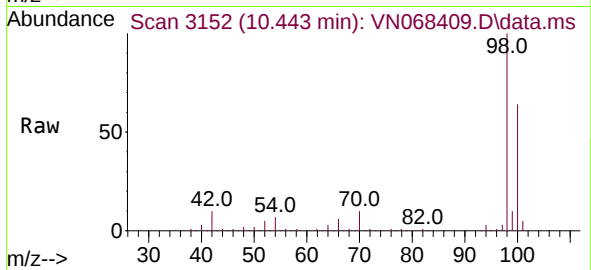
Manual Integrations
APPROVED

MMDadoda
9/7/2021 4:39:18 PM



#63
Toluene-d8
Concen: 31.690 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068409.D
Acq: 3 Sep 2021 16:01

Tgt Ion: 98 Resp: 589460
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



Instrument :
MSVOA_N
ClientSampleId :
191-0902-W

Manual Integrations
APPROVED

MMDadoda
9/7/2021 4:39:18 PM