

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
 Data File : VN057585.D
 Acq On : 30 Aug 2019 13:27
 Operator : JC/SP
 Sample : K4599-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-20

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 10:01:00 AM

Quant Time: Aug 31 00:24:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N083019W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Aug 31 00:00:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	77562	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	458645	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	347127	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	189889	31.77	ug/l	0.00
Spiked Amount 30.000	Range	50 - 169	Recovery	=	105.90%	
60) 4-Bromofluorobenzene	12.40	95	114257	21.65	ug/l	0.00
Spiked Amount 30.000	Range	56 - 143	Recovery	=	72.17%	
63) Toluene-d8	10.09	98	528771	32.89	ug/l	0.00
Spiked Amount 30.000	Range	66 - 137	Recovery	=	109.63%	
Target Compounds						
22) cis-1,2-Dichloroethene	6.82	96	17066m	3.259	ug/l	Qvalue
91) Naphthalene	15.13	128	7393	0.951	ug/l #	93

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

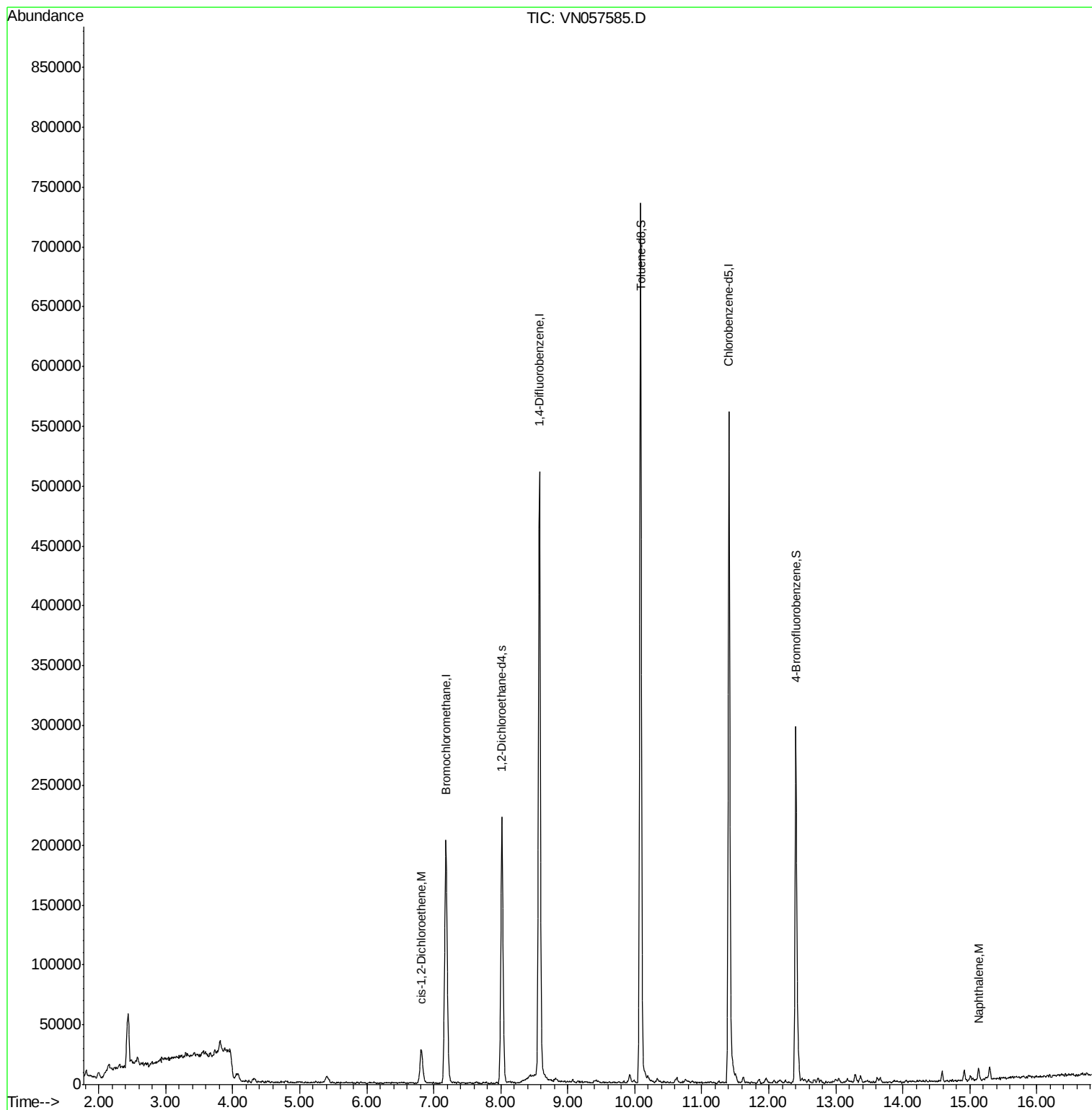
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN083019\
Data File : VN057585.D
Acq On : 30 Aug 2019 13:27
Operator : JC/SP
Sample : K4599-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

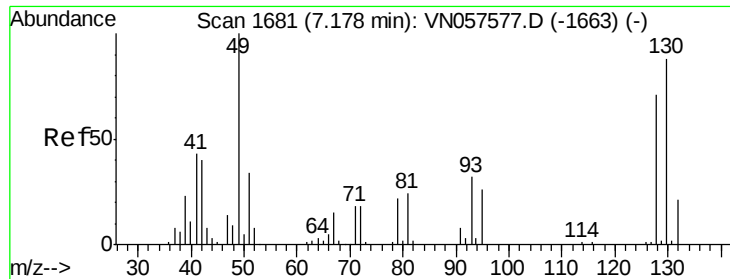
Instrument :
MSVOA_N
ClientSampleId :
55-ST-20

Manual Integrations
APPROVED

MMDadoda
8/31/2019 10:01:00 AM

Quant Time: Aug 31 00:24:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N083019W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Aug 31 00:00:09 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057585.D

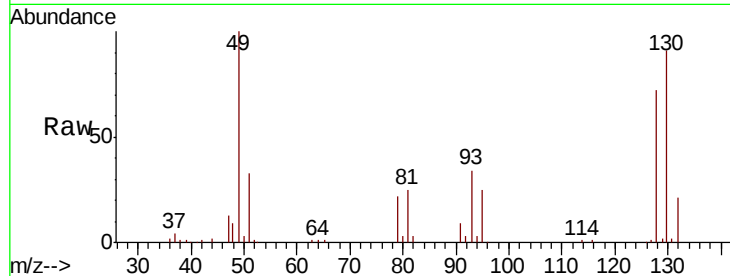
Acq: 30 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampled :

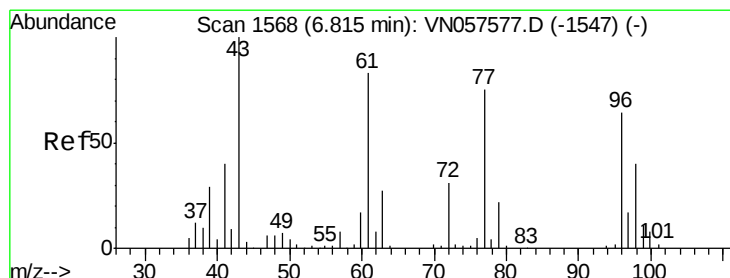
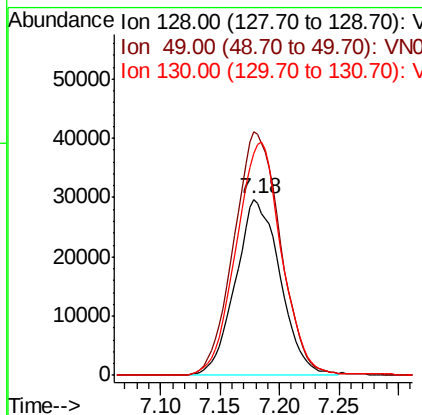
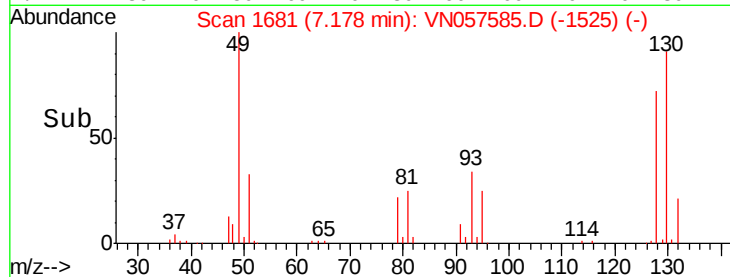
55-ST-20



Tgt Ion:	128	Resp:	77562
Ion	Ratio	Lower	Upper
128	100		
49	143.6	0.0	352.3
130	133.9	0.0	324.7

Manual Integrations
APPROVED

MMDadoda
8/31/2019 10:01:00 AM



#22

cis-1,2-Dichloroethene

Concen: 3.259 ug/l m

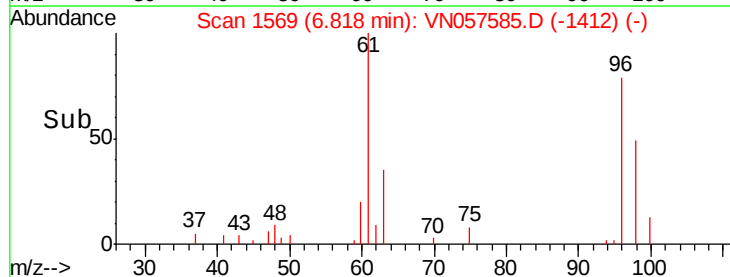
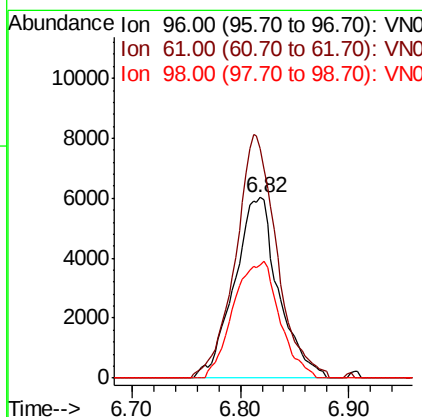
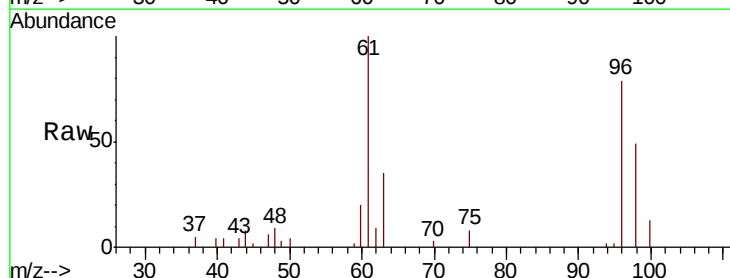
RT: 6.82 min Scan# 1569

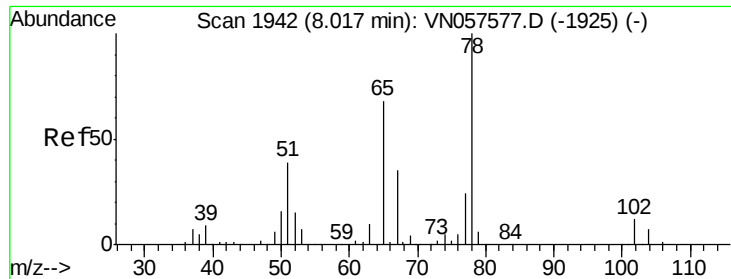
Delta R.T. 0.00 min

Lab File: VN057585.D

Acq: 30 Aug 2019 13:27

Tgt Ion:	96	Resp:	17066
Ion	Ratio	Lower	Upper
96	100		
61	125.8	110.5	165.7
98	67.1	51.1	76.7





#27

1,2-Dichloroethane-d4

Concen: 31.774 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057585.D

Acq: 30 Aug 2019 13:27

Instrument :

MSVOA_N

ClientSampleId :

55-ST-20

Tgt Ion: 65 Resp: 189889

Ion Ratio Lower Upper

65 100

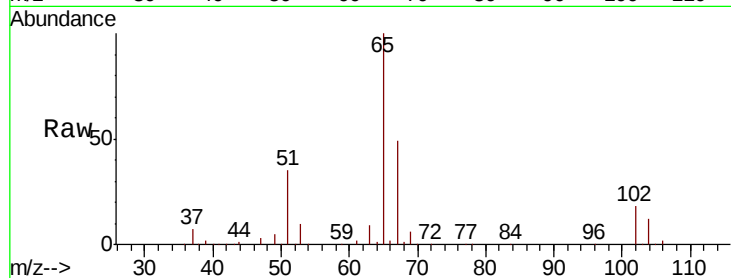
67 49.3 39.8 59.6

Manual Integrations

APPROVED

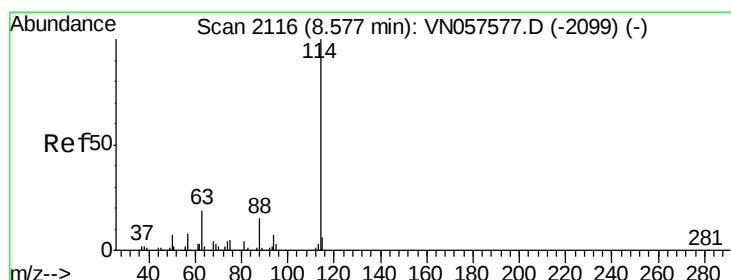
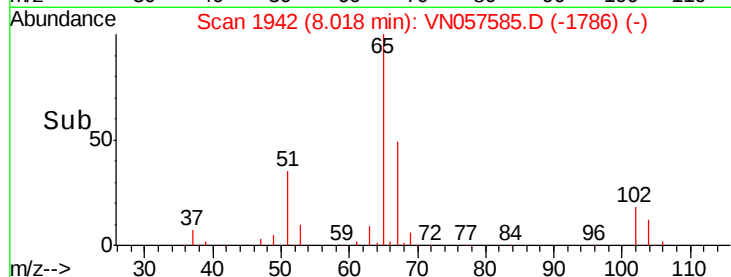
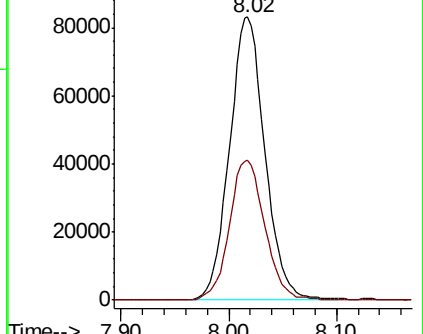
MMDadoda

8/31/2019 10:01:00 AM



Abundance Ion 65.00 (64.70 to 65.70): VN057577.D (-1925) (-)

Ion 67.00 (66.70 to 67.70): VN057577.D (-1925) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057585.D

Acq: 30 Aug 2019 13:27

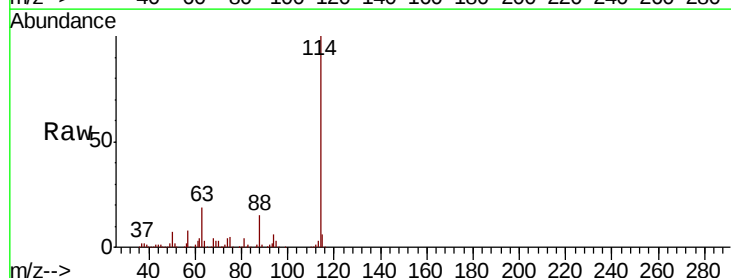
Tgt Ion: 114 Resp: 458645

Ion Ratio Lower Upper

114 100

63 18.7 15.4 23.0

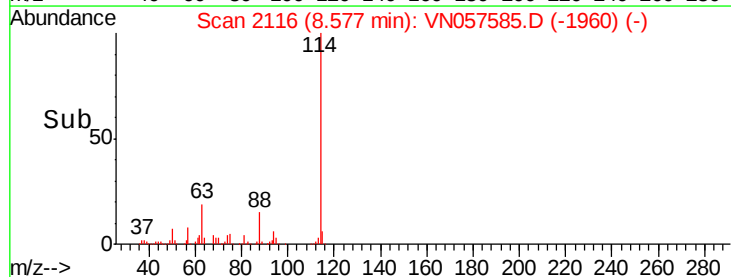
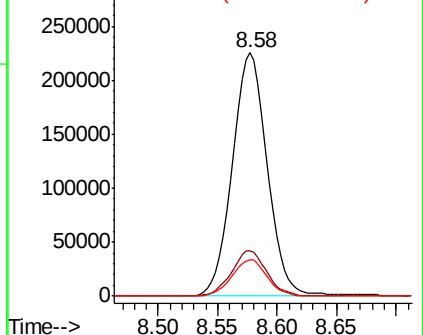
88 15.0 11.8 17.8

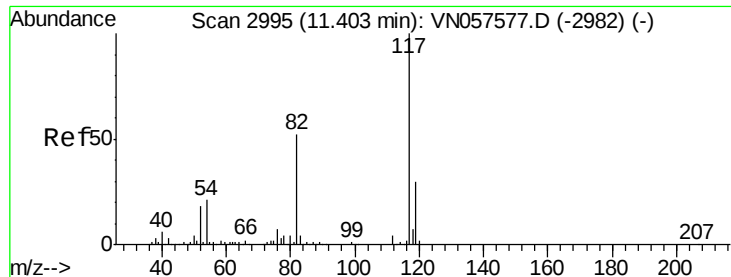


Abundance Ion 114.00 (113.70 to 114.70): VN057577.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN057577.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN057577.D (-2099) (-)





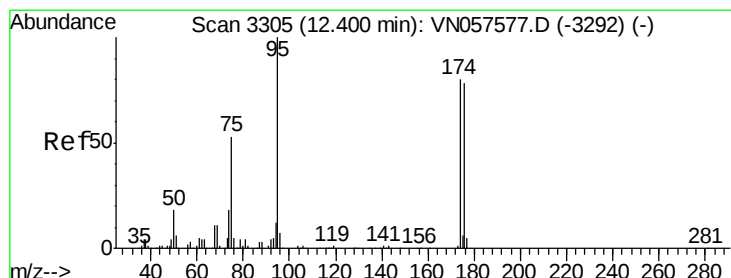
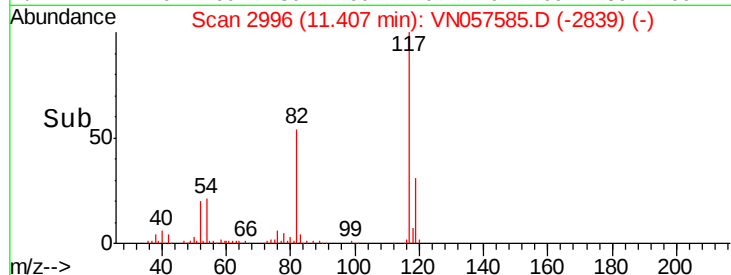
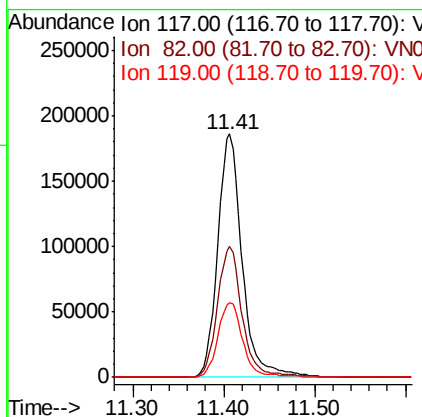
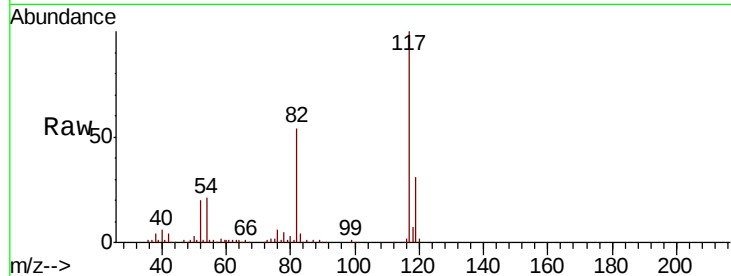
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057585.D
Acq: 30 Aug 2019 13:27

Instrument :
MSVOA_N
ClientSampled :
55-ST-20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	347127		
82	53.7	42.6	63.8	
119	30.9	25.0	37.6	

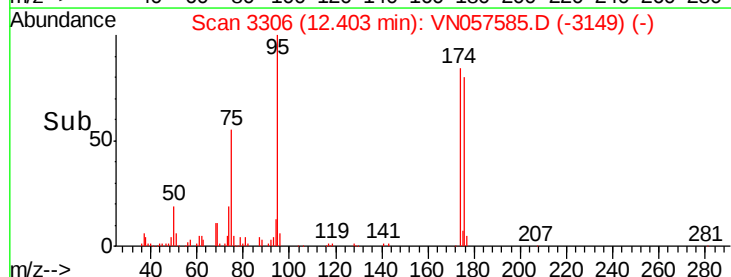
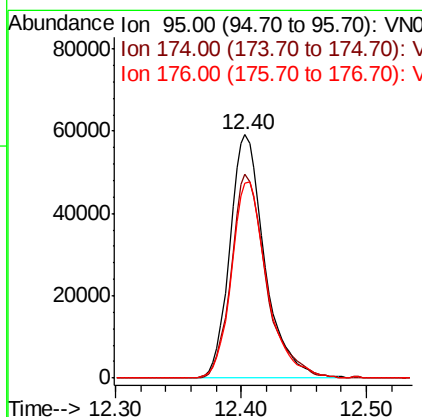
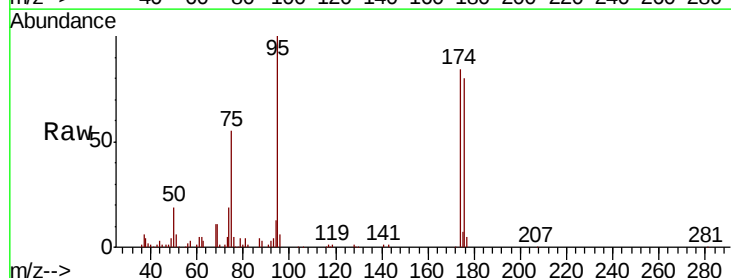
Manual Integrations
APPROVED

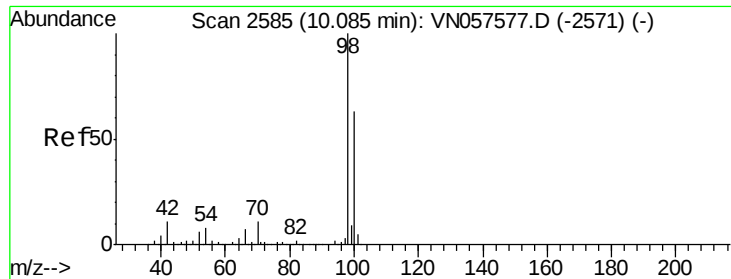
MMDadoda
8/31/2019 10:01:00 AM



#60
4-Bromofluorobenzene
Concen: 21.651 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057585.D
Acq: 30 Aug 2019 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	114257		
174	84.1	66.2	99.2	
176	82.1	65.0	97.6	





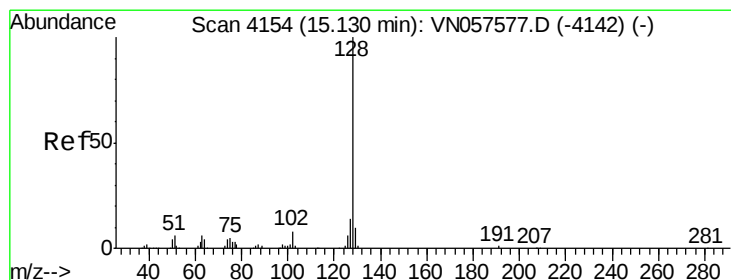
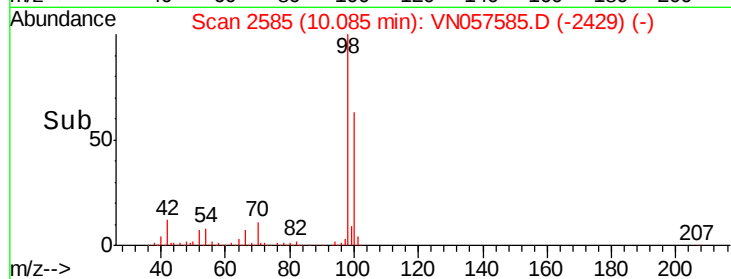
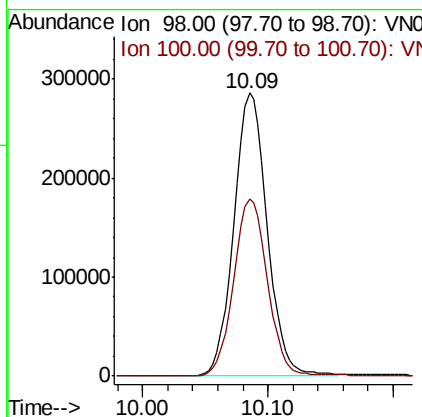
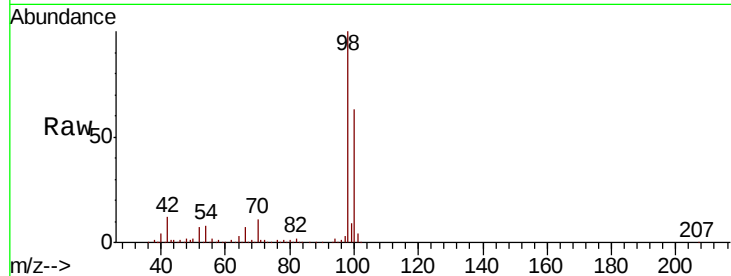
#63
Toluene-d8
Concen: 32.893 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057585.D
Acq: 30 Aug 2019 13:27

Instrument :
MSVOA_N
ClientSampleId :
55-ST-20

Tgt Ion: 98 Resp: 528771
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

Manual Integrations
APPROVED

MMDadoda
8/31/2019 10:01:00 AM



#91
Naphthalene
Concen: 0.951 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057585.D
Acq: 30 Aug 2019 13:27

Tgt Ion: 128 Resp: 7393
Ion Ratio Lower Upper
128 100
127 8.8 10.6 16.0#
129 10.6 8.1 12.1

