

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
 Data File : VN054753.D
 Acq On : 28 Mar 2019 19:03
 Operator : JC/SP
 Sample : K2110-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-COMP

Manual Integrations
 APPROVED

MMDadoda
 3/29/2019 9:49:47 AM

Quant Time: Mar 29 07:40:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	533430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	873240	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	733166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	275051	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344076	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	7.59	113	270072	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	10.09	98	1039481	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	326838	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
Target Compounds						
11) Tert butyl alcohol	4.82	59	12127m	30.189	ug/l	
16) Acetone	3.82	43	108099	54.190	ug/l #	83
18) Methyl Acetate	4.33	43	448217	100.808	ug/l #	87
25) 2-Butanone	6.85	43	31263	12.234	ug/l #	83
40) Benzene	8.04	78	54373	2.329	ug/l	99
52) Toluene	10.16	92	32405	2.257	ug/l	99
95) Naphthalene	15.13	128	22482	2.292	ug/l #	96

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

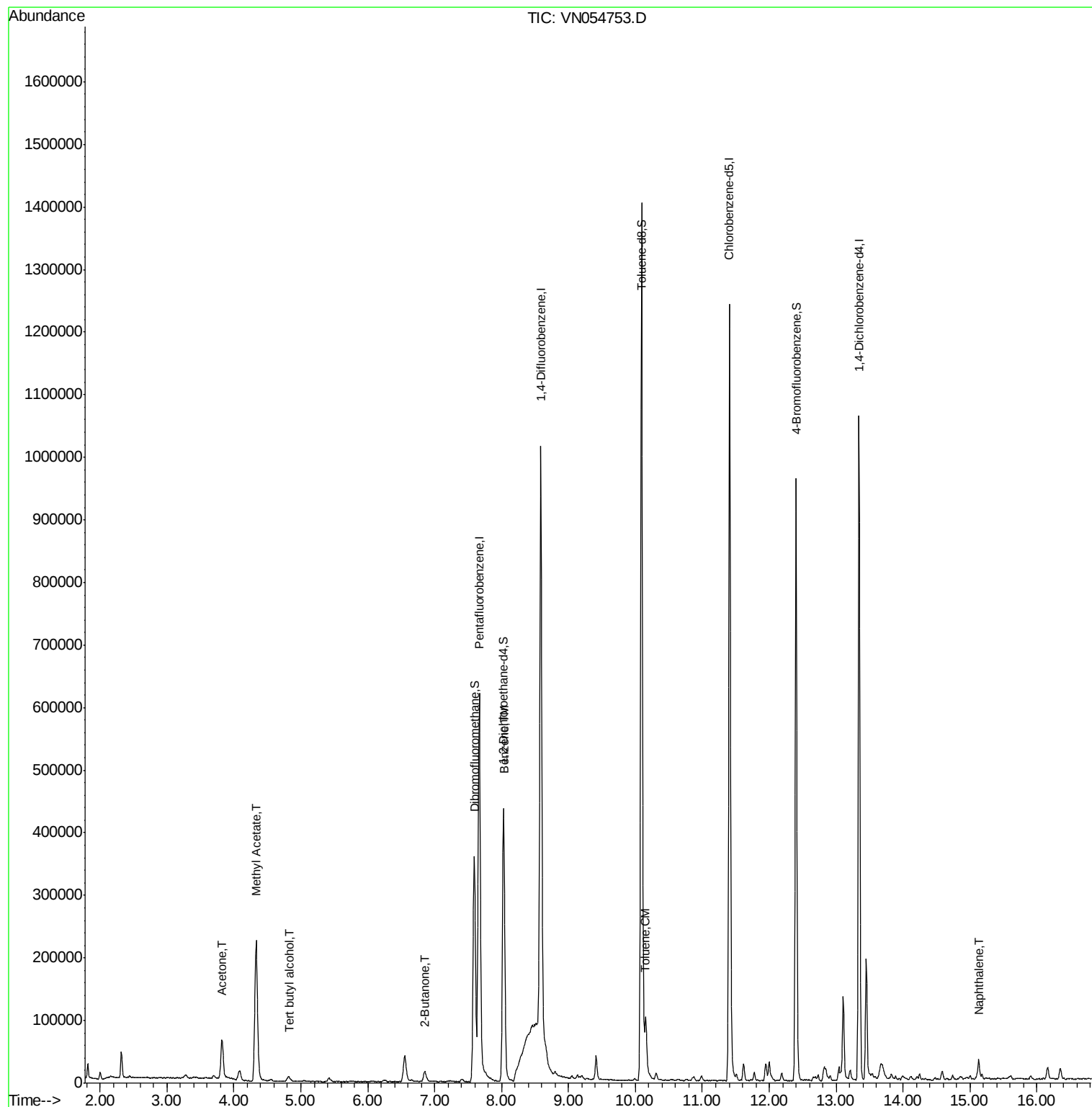
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032819\
Data File : VN054753.D
Acq On : 28 Mar 2019 19:03
Operator : JC/SP
Sample : K2110-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

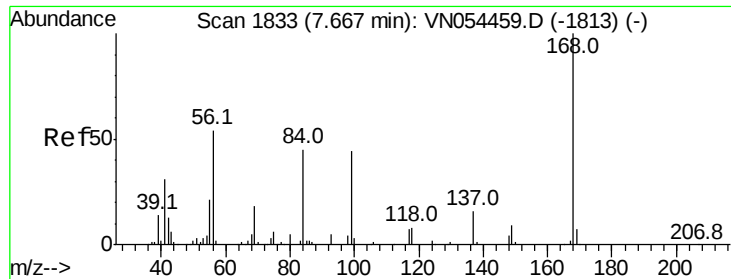
Instrument :
MSVOA_N
ClientSampleId :
BUR-COMP

Manual Integrations
APPROVED

MMDadoda
3/29/2019 9:49:47 AM

Quant Time: Mar 29 07:40:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054753.D

Acq: 28 Mar 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

BUR-COMP

Tot Ion:168 Resp: 533430

Ion Ratio Lower Upper

168 100

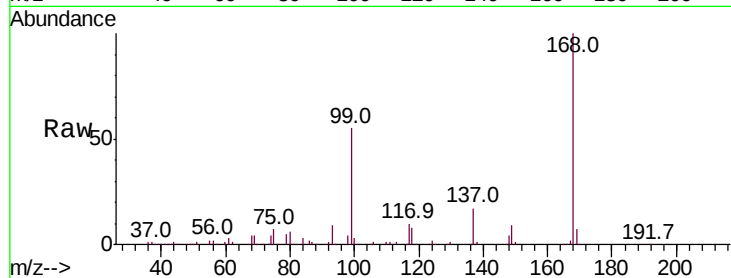
99 54.6 37.1 55.7

Manual Integrations

APPROVED

MMDadoda

3/29/2019 9:49:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

250000 Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

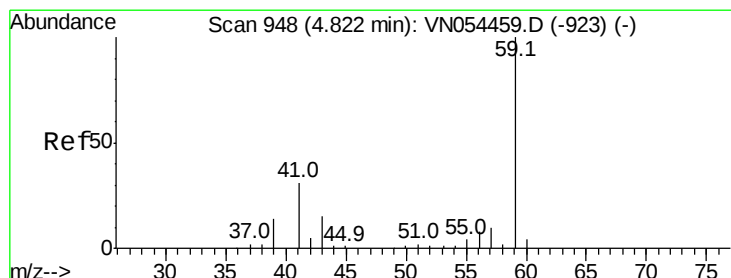
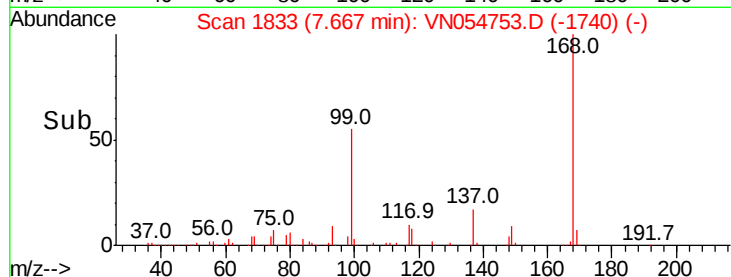
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 30.189 ug/l m

RT: 4.82 min Scan# 949

Delta R.T. 0.00 min

Lab File: VN054753.D

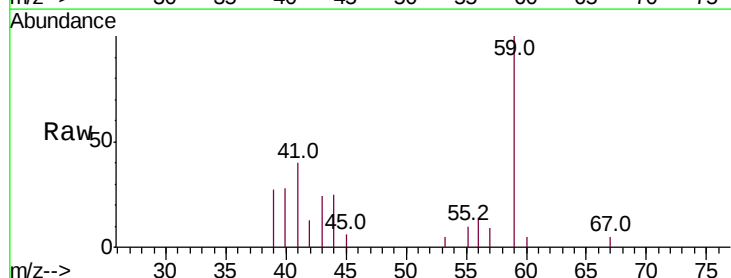
Acq: 28 Mar 2019 19:03

Tgt Ion: 59 Resp: 12127

Ion Ratio Lower Upper

59 100

57 6.1 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.82

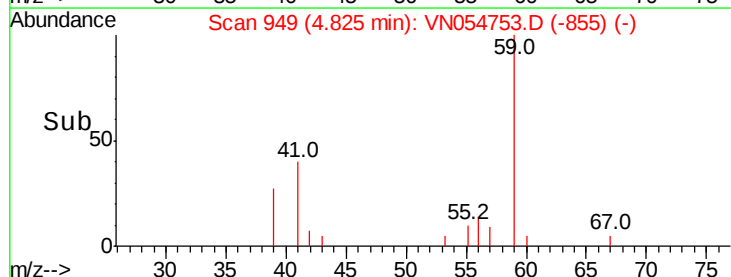
3000

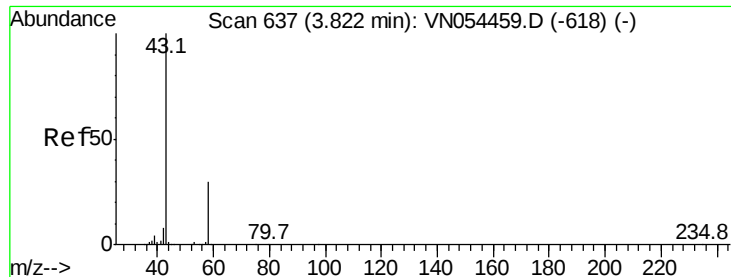
2000

1000

0

Time-->





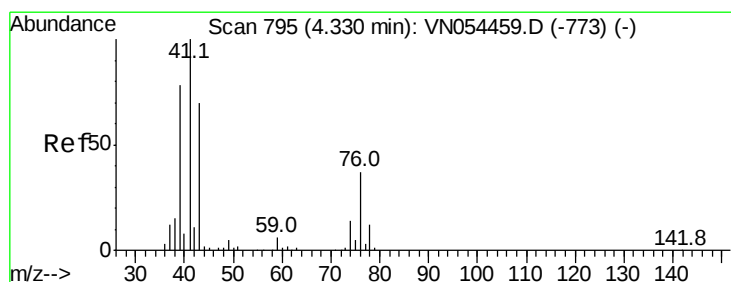
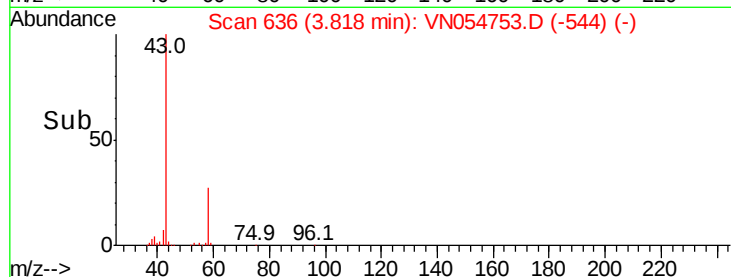
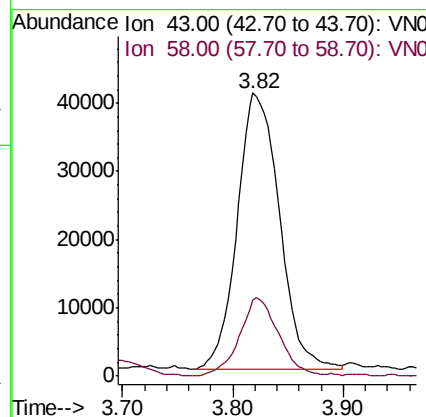
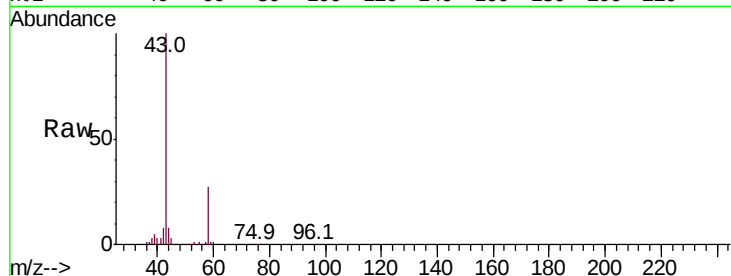
#16
Acetone
Concen: 54.190 ug/l
RT: 3.82 min Scan# 636
Delta R.T. -0.00 min
Lab File: VN054753.D
Acq: 28 Mar 2019 19:03

Instrument :
MSVOA_N
ClientSampleId :
BUR-COMP

Tot Ion: 43 Resp: 108099
Ion Ratio Lower Upper
43 100
58 27.3 29.9 44.9#

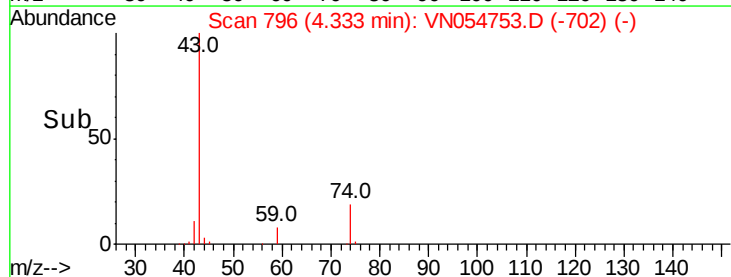
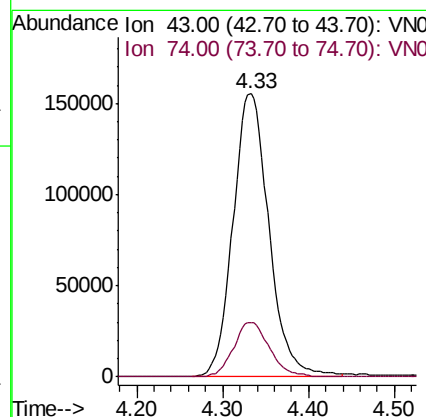
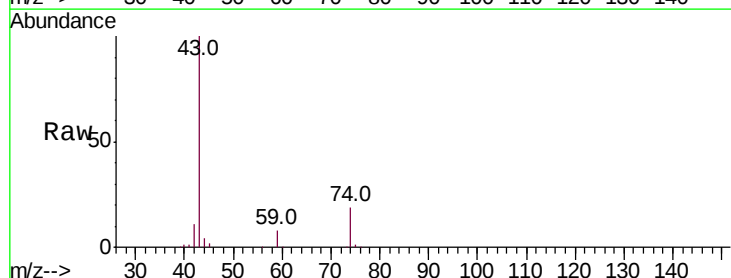
Manual Integrations
APPROVED

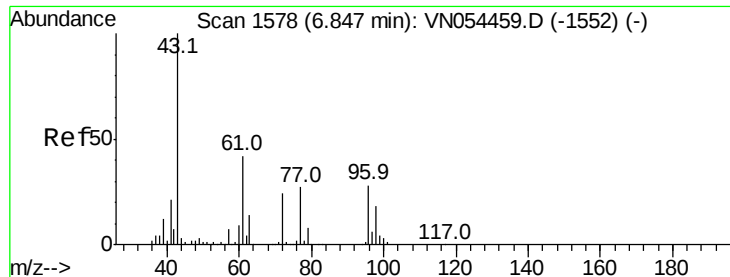
MMDadoda
3/29/2019 9:49:47 AM



#18
Methyl Acetate
Concen: 100.808 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054753.D
Acq: 28 Mar 2019 19:03

Tgt Ion: 43 Resp: 448217
Ion Ratio Lower Upper
43 100
74 19.5 20.8 31.2#





#25

2-Butanone

Concen: 12.234 ug/l

RT: 6.85 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VN054753.D

Acq: 28 Mar 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

BUR-COMP

Tot Ion: 43 Resp: 31263

Ion Ratio Lower Upper

43 100

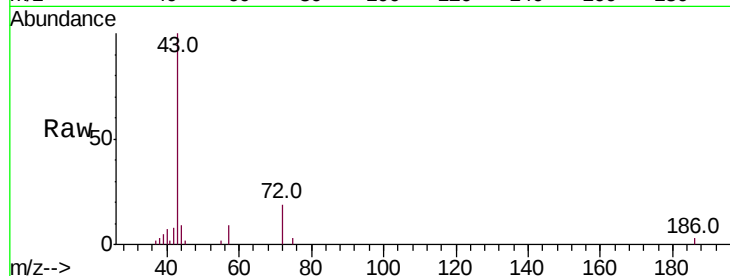
72 19.9 23.0 34.6#

Manual Integrations

APPROVED

MMDadoda

3/29/2019 9:49:47 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

12000

10000

8000

6000

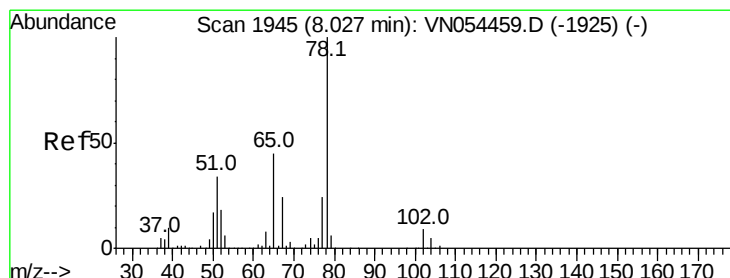
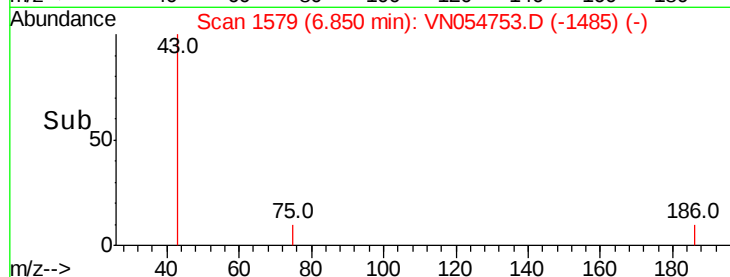
4000

2000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.858 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054753.D

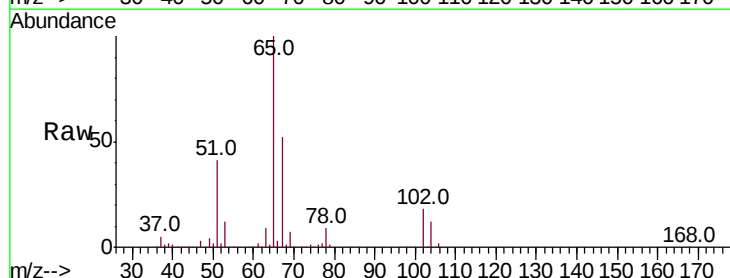
Acq: 28 Mar 2019 19:03

Tgt Ion: 65 Resp: 344076

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

150000

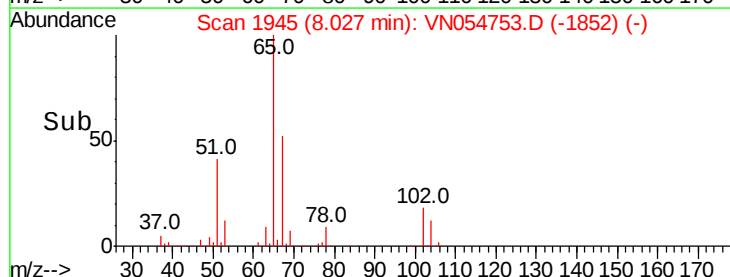
100000

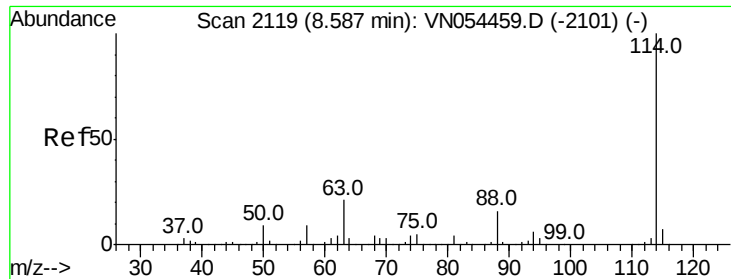
50000

0

7.90 8.00 8.10 8.20

Time-->





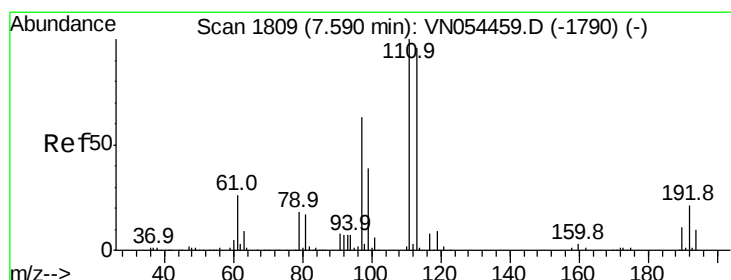
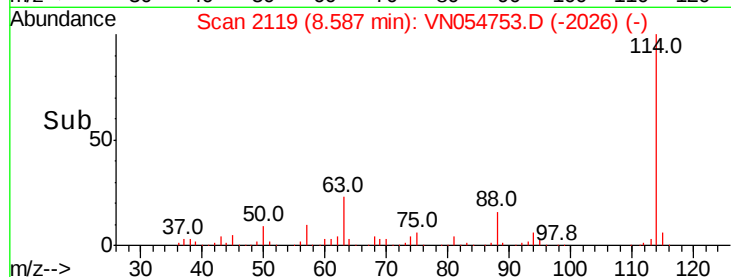
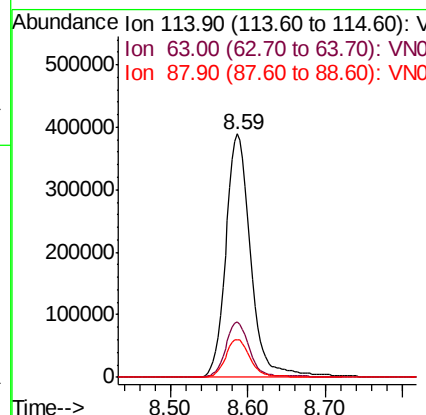
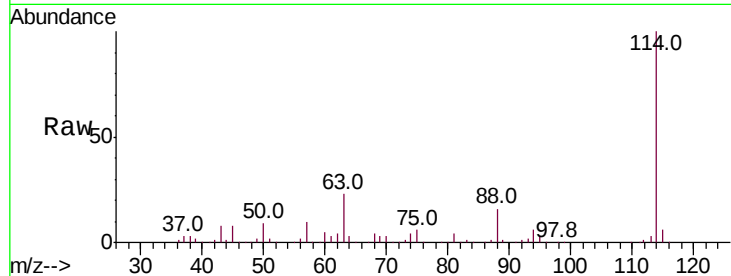
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054753.D
 Acq: 28 Mar 2019 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-COMP

Tot Ion	Ratio	Resp	Lower	Upper
114	100	873240		
63	22.7		0.0	35.2
88	15.6		0.0	30.2

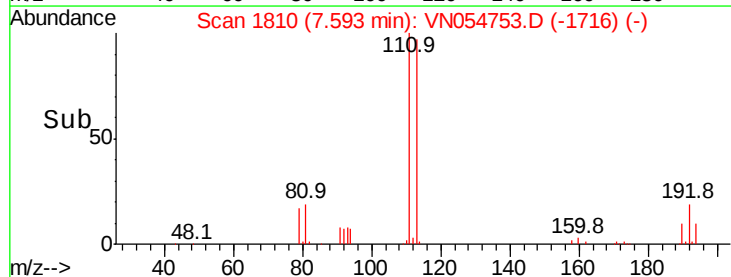
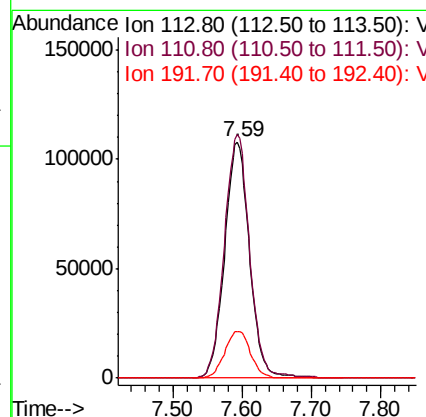
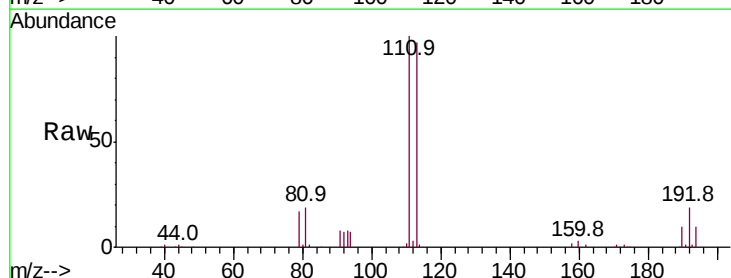
Manual Integrations
 APPROVED

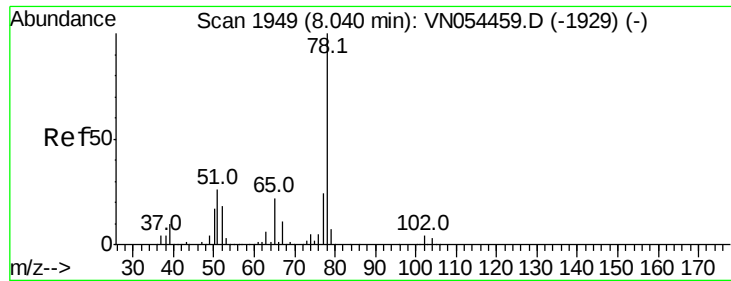
MMDadoda
 3/29/2019 9:49:47 AM



#35
 Dibromofluoromethane
 Concen: 48.006 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054753.D
 Acq: 28 Mar 2019 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	270072		
111	103.6		82.2	123.4
192	20.7		19.2	28.8





#40

Benzene

Concen: 2.329 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054753.D

Acq: 28 Mar 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

BUR-COMP

Tot Ion: 78 Resp: 54373

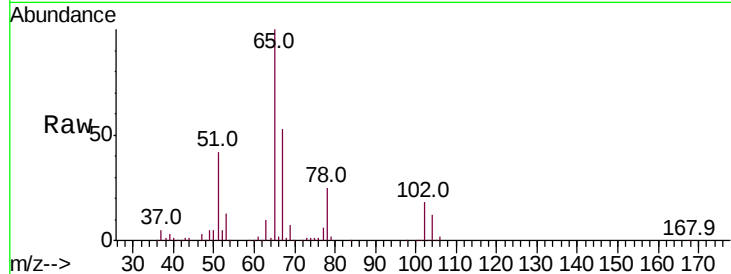
Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

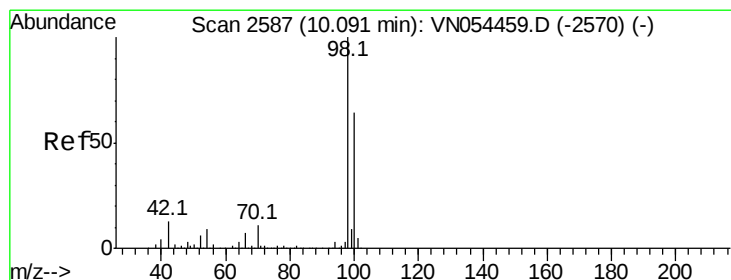
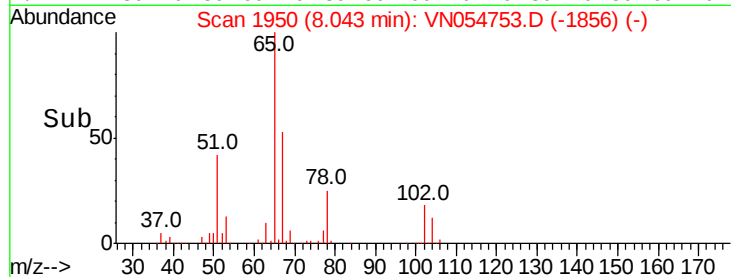
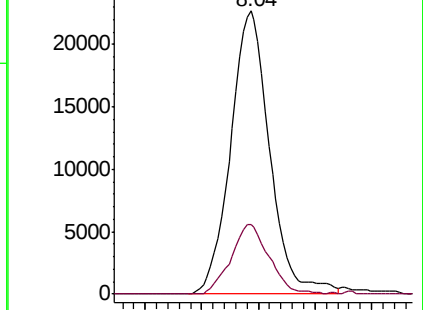
Manual Integrations
APPROVED

MMDadoda
3/29/2019 9:49:47 AM



Abundance Ion 78.00 (77.70 to 78.70): VN054459.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VN054459.D (-1929) (-)



#50

Toluene-d8

Concen: 49.149 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054753.D

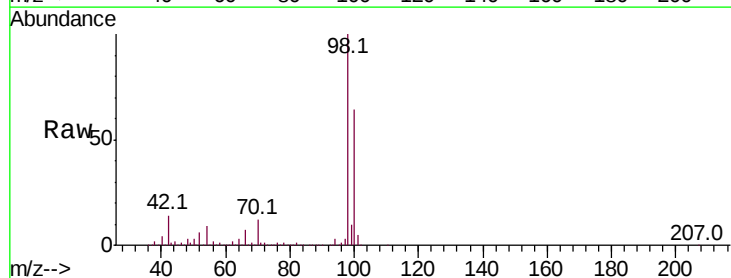
Acq: 28 Mar 2019 19:03

Tgt Ion: 98 Resp: 1039481

Ion Ratio Lower Upper

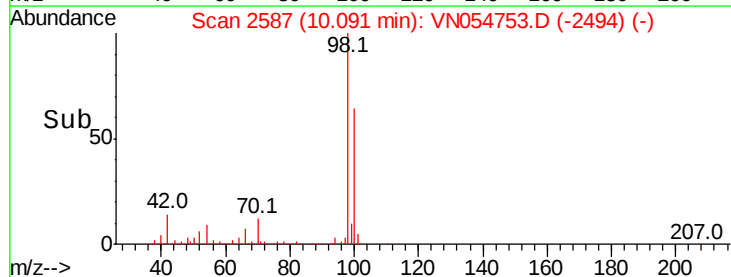
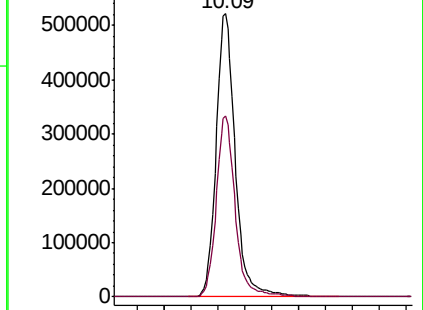
98 100

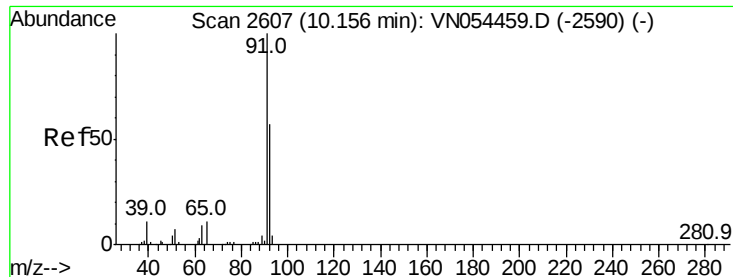
100 63.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)





#52

Toluene

Concen: 2.257 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054753.D

Acq: 28 Mar 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

BUR-COMP

Tot Ion: 92 Resp: 32405

Ion Ratio Lower Upper

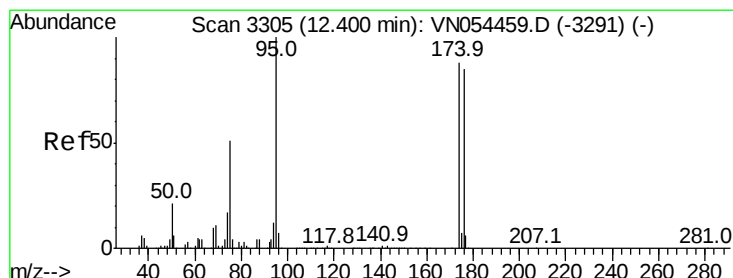
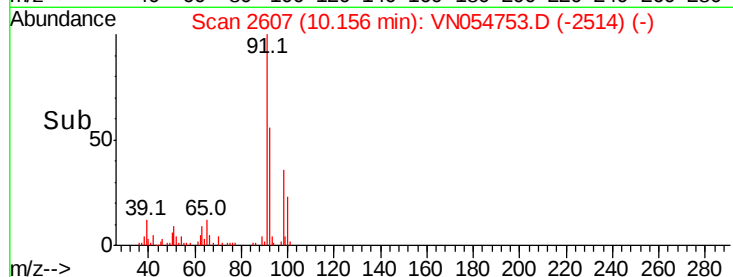
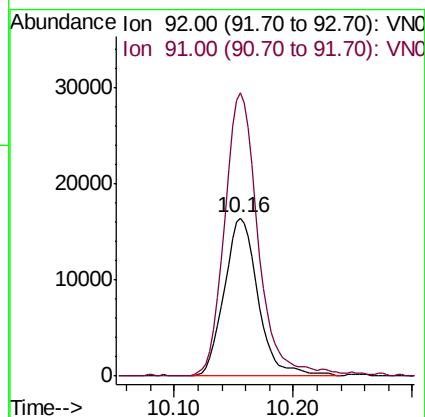
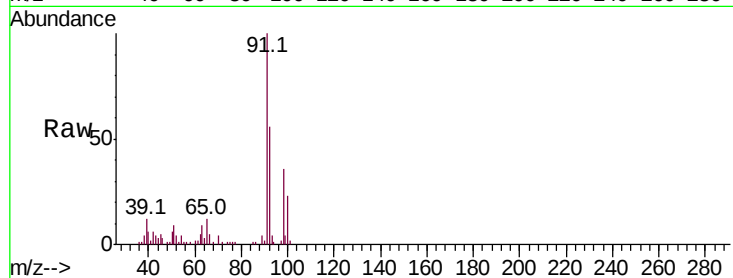
92 100

91 177.6 140.7 211.1

Manual Integrations
APPROVED

MMDadoda

3/29/2019 9:49:47 AM



#62

4-Bromofluorobenzene

Concen: 45.414 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054753.D

Acq: 28 Mar 2019 19:03

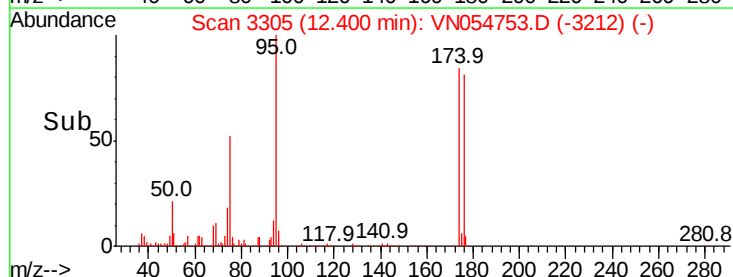
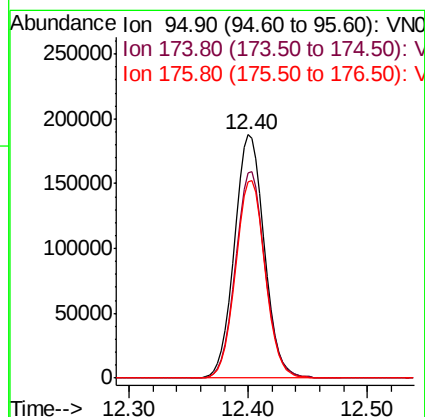
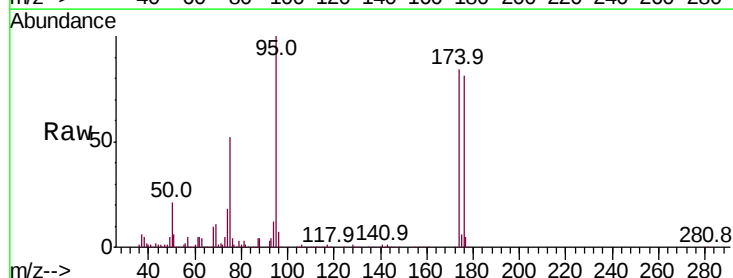
Tgt Ion: 95 Resp: 326838

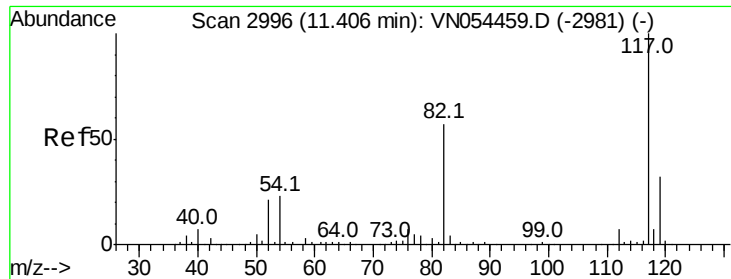
Ion Ratio Lower Upper

95 100

174 84.1 0.0 191.0

176 80.7 0.0 187.4





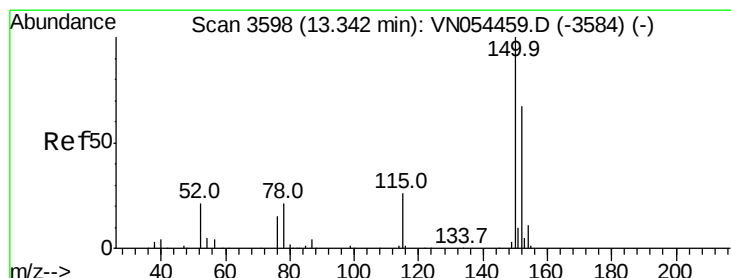
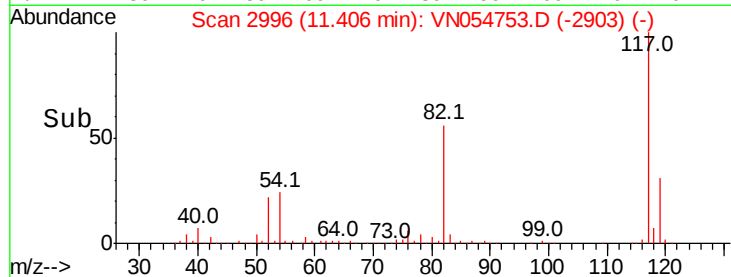
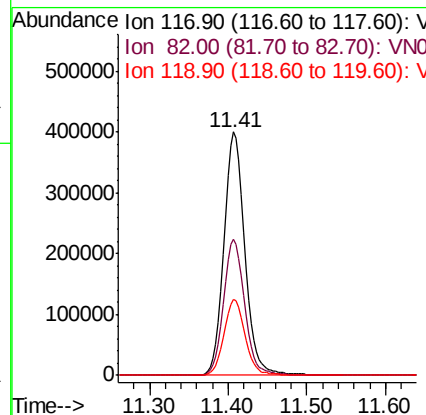
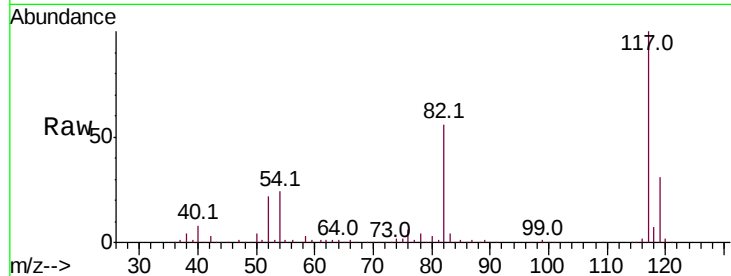
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054753.D
Acq: 28 Mar 2019 19:03

Instrument :
MSVOA_N
ClientSampleId :
BUR-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	40.0	60.0
119	31.3	25.8	38.6

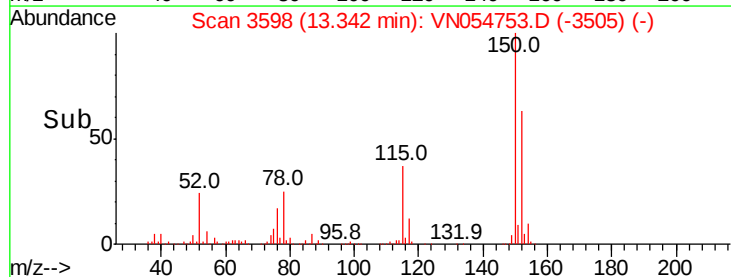
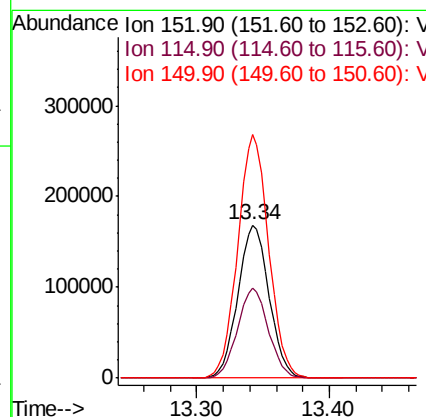
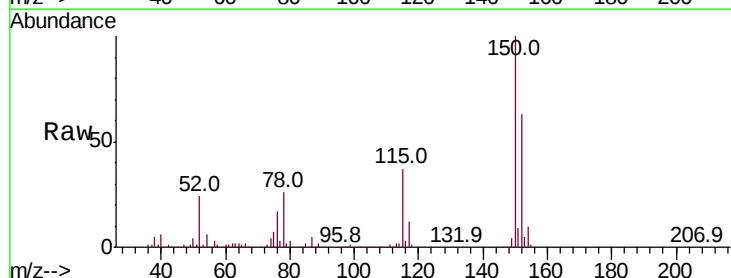
Manual Integrations
APPROVED

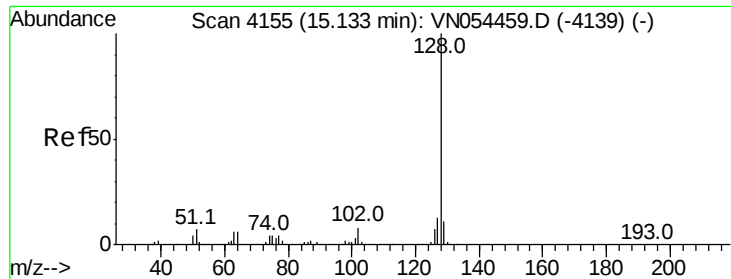
MMDadoda
3/29/2019 9:49:47 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054753.D
Acq: 28 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	27.2	81.6
150	157.5	0.0	349.2





#95
Naphthalene
Concen: 2.292 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN054753.D
Acq: 28 Mar 2019 19:03

Instrument :
MSVOA_N
ClientSampleId :
BUR-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.6	10.1	15.1#
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/29/2019 9:49:47 AM

