

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092619\
 Data File : VN058389.D
 Acq On : 26 Sep 2019 16:26
 Operator : JC/SP
 Sample : K5039-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30451-52

Manual Integrations
 APPROVED

MMDadoda
 9/27/2019 11:19:35 AM

Quant Time: Sep 27 05:01:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	474505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	758782	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	326699	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
35) Dibromofluoromethane	7.57	113	216712	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
50) Toluene-d8	10.09	98	924807	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.41	95	274438	41.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.22%	
Target Compounds						
					Qvalue	
16) Acetone	3.81	43	134318	59.874	ug/l	100
18) Methyl Acetate	4.30	43	154907	26.242	ug/l	100
20) Methylene Chloride	4.51	84	6196m	1.362	ug/l	
25) 2-Butanone	6.83	43	206460	67.553	ug/l	97
40) Benzene	8.02	78	54282	3.248	ug/l	96
52) Toluene	10.15	92	74871	7.148	ug/l	98
67) Ethyl Benzene	11.51	91	18581	1.035	ug/l	99
68) m/p-Xylenes	11.62	106	29688	4.393	ug/l	98
69) o-Xylene	11.95	106	13123	1.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	22962	1.919	ug/l	100
95) Naphthalene	15.14	128	58374	5.379	ug/l	97

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

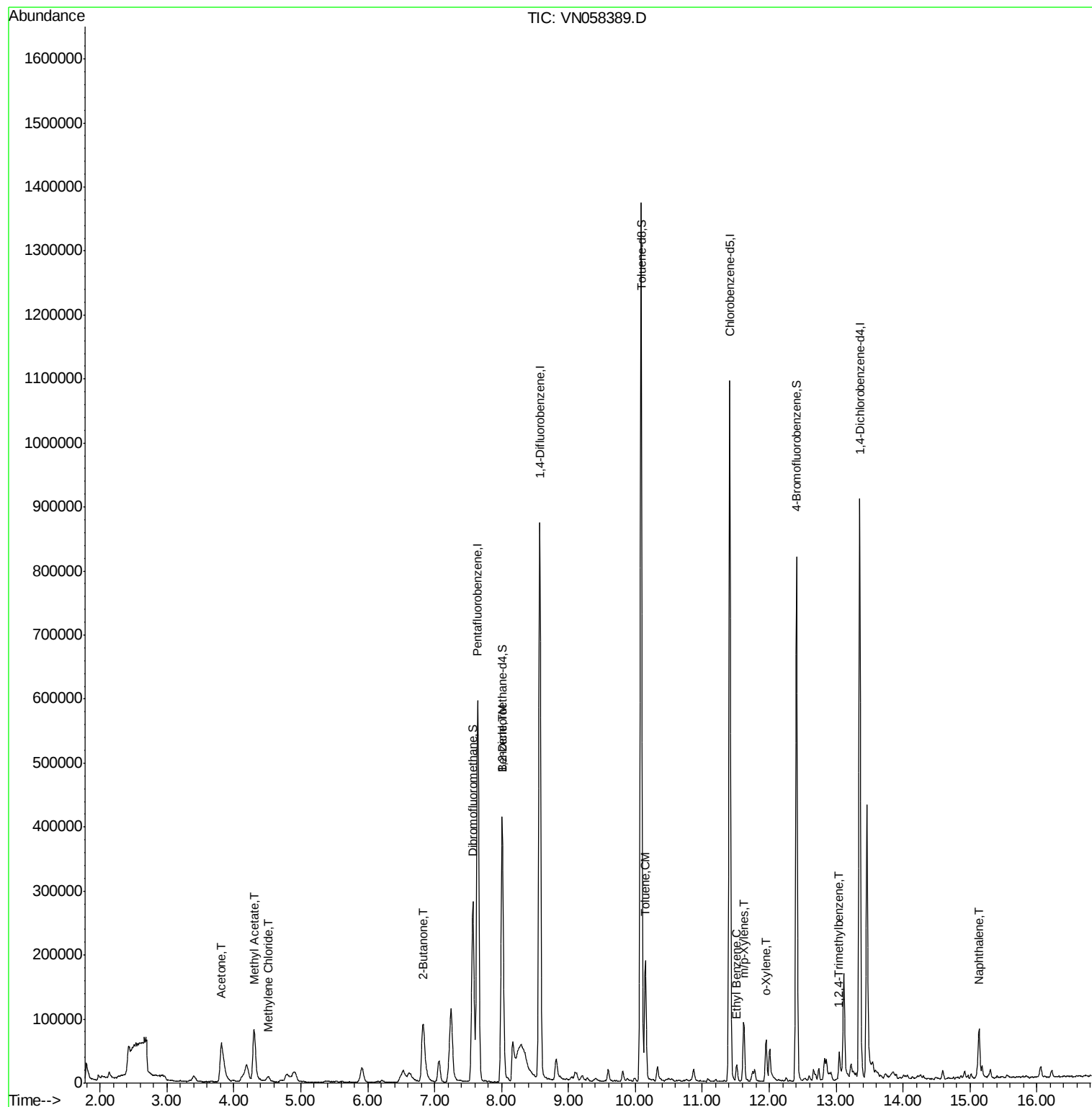
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092619\
Data File : VN058389.D
Acq On : 26 Sep 2019 16:26
Operator : JC/SP
Sample : K5039-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
30451-52

Manual Integrations
APPROVED

MMDadoda
9/27/2019 11:19:35 AM

Quant Time: Sep 27 05:01:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.01 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

30451-52

Tot Ion:168 Resp: 474505

Ion Ratio Lower Upper

168 100

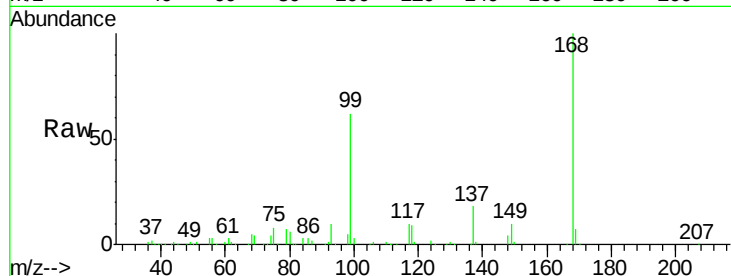
99 61.6 47.4 71.2

Manual Integrations

APPROVED

MMDadoda

9/27/2019 11:19:35 AM



Abundance Ion 167.90 (167.60 to 168.60): VN058389.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058389.D (-1735) (-)

7.64

200000

150000

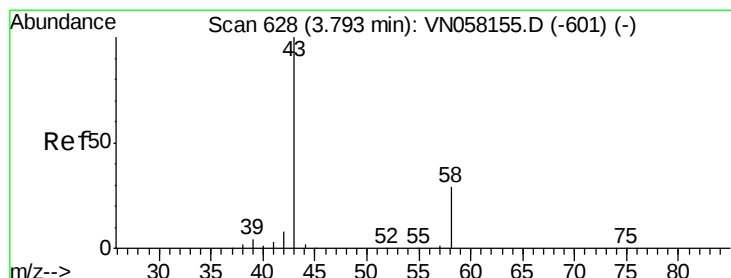
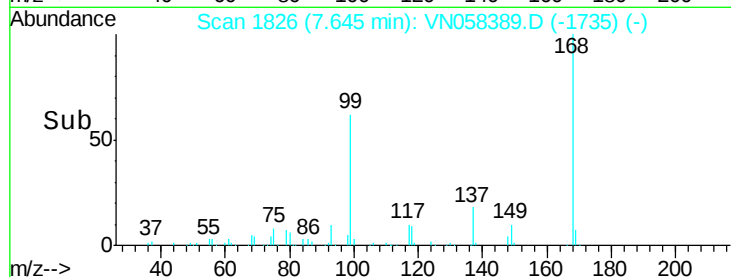
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 59.874 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058389.D

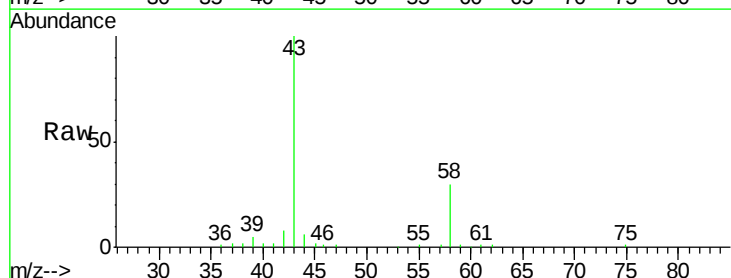
Acq: 26 Sep 2019 16:26

Tgt Ion: 43 Resp: 134318

Ion Ratio Lower Upper

43 100

58 29.3 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058389.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058389.D (-535) (-)

3.81

40000

30000

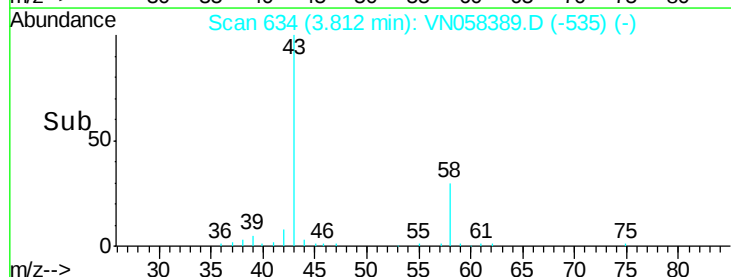
20000

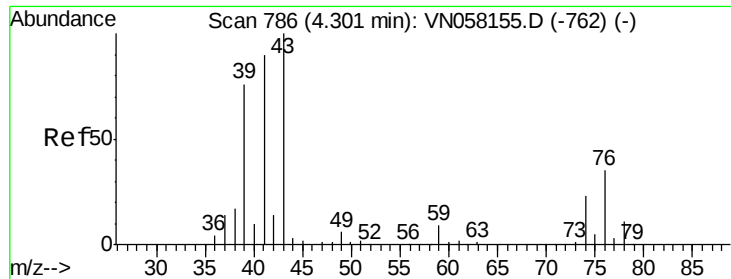
10000

0

3.70 3.80 3.90 4.00

Time-->





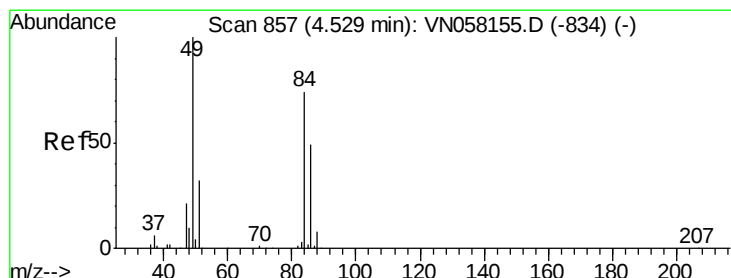
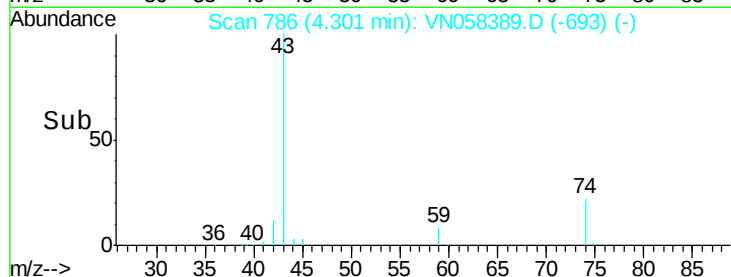
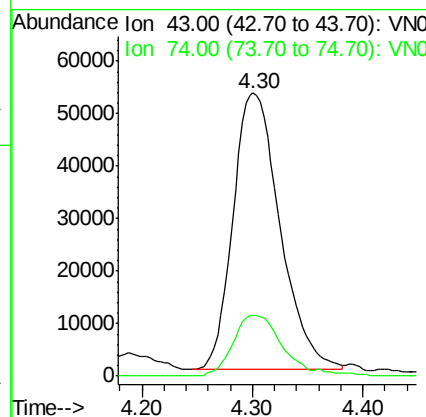
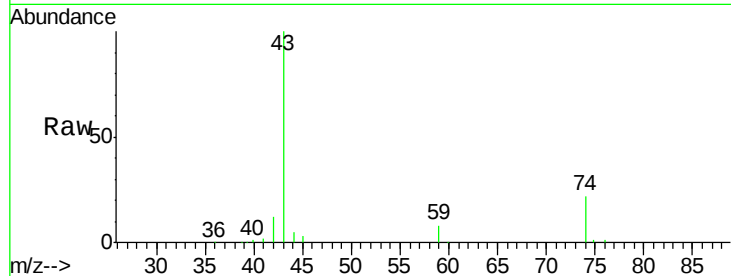
#18
Methvl Acetate
Concen: 26.242 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30451-52

Tot Ion: 43 Resp: 154907
Ion Ratio Lower Upper
43 100
74 22.4 18.0 27.0

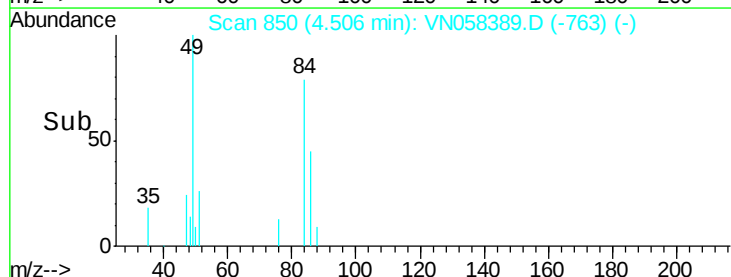
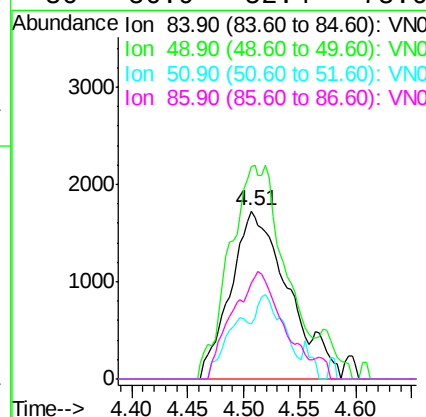
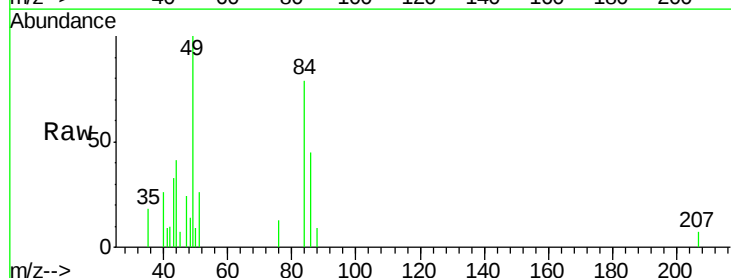
Manual Integrations
APPROVED

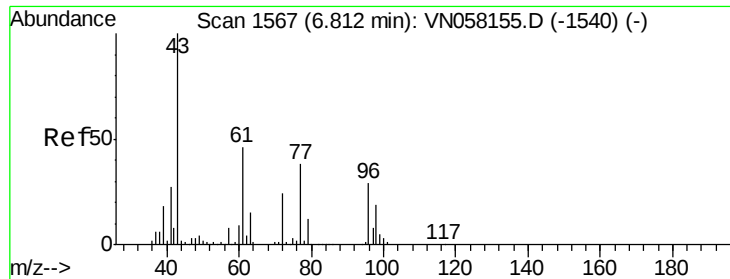
MMDadoda
9/27/2019 11:19:35 AM



#20
Methylene Chloride
Concen: 1.362 ug/l m
RT: 4.51 min Scan# 850
Delta R.T. -0.02 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Tgt Ion: 84 Resp: 6196
Ion Ratio Lower Upper
84 100
49 126.3 107.5 161.3
51 32.7 33.9 50.9#
86 56.9 52.4 78.6





#25

2-Butanone

Concen: 67.553 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.02 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

30451-52

Tot Ion: 43 Resp: 206460

Ion Ratio Lower Upper

43 100

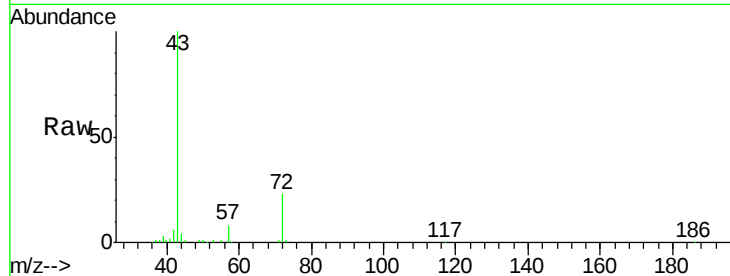
72 23.0 19.5 29.3

Manual Integrations

APPROVED

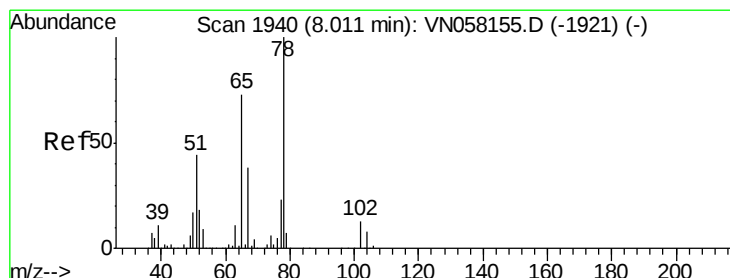
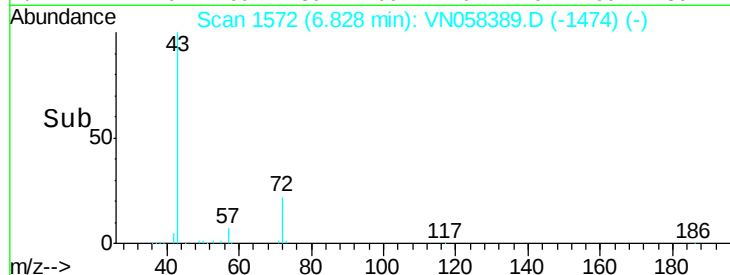
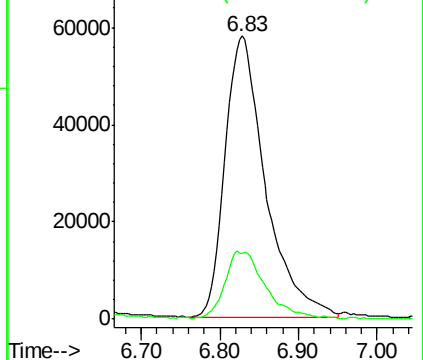
MMDadoda

9/27/2019 11:19:35 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.433 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN058389.D

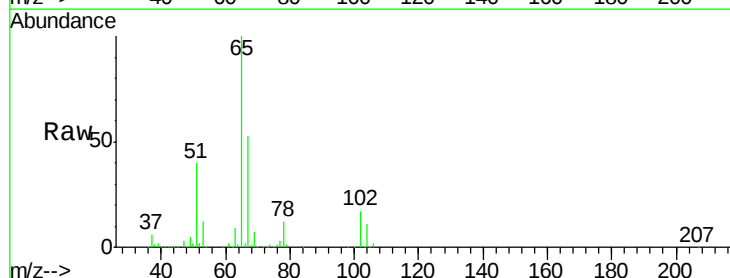
Acq: 26 Sep 2019 16:26

Tgt Ion: 65 Resp: 326699

Ion Ratio Lower Upper

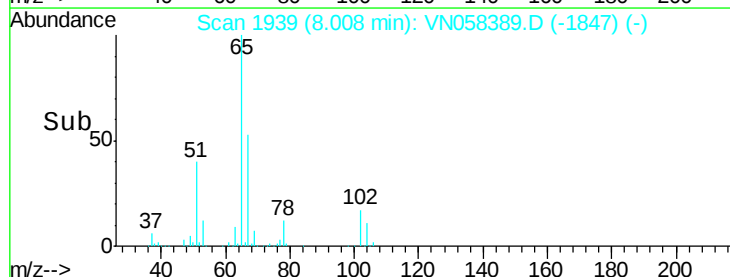
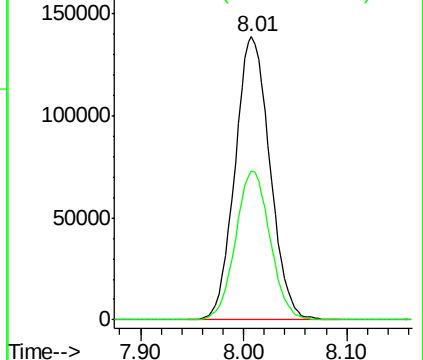
65 100

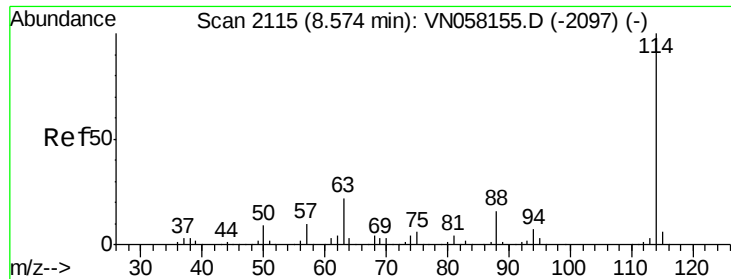
67 52.1 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





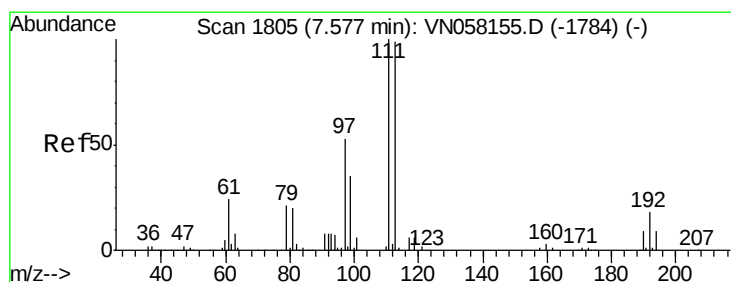
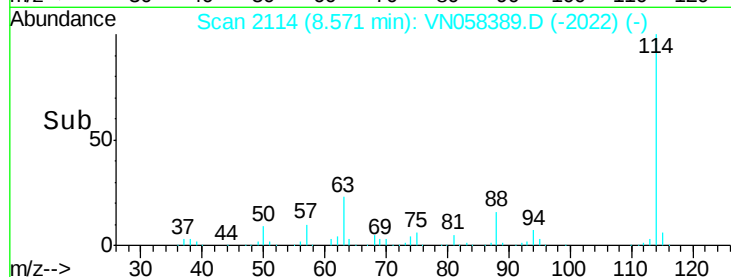
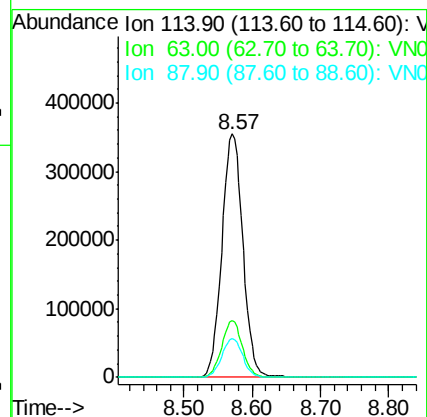
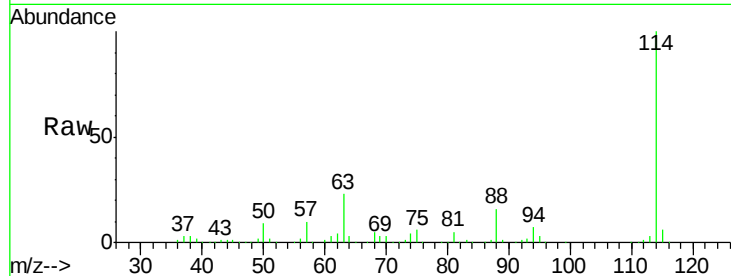
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30451-52

Tot Ion	Ratio	Resp	Lower	Upper
114	100	758782		
63	23.3	0.0	44.2	
88	15.9	0.0	31.6	

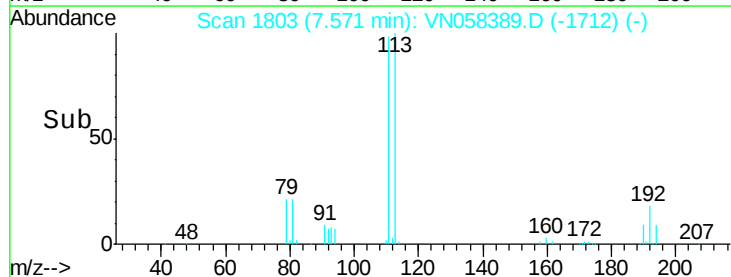
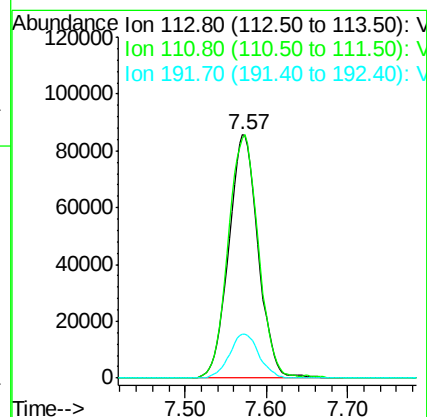
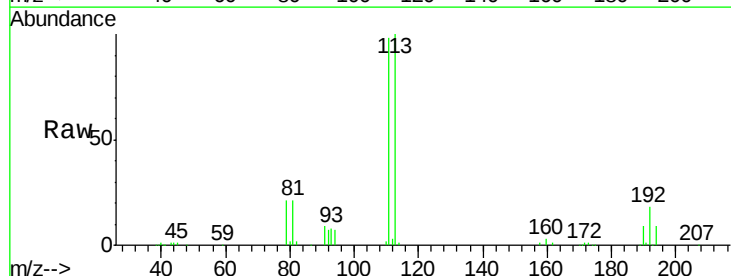
Manual Integrations
APPROVED

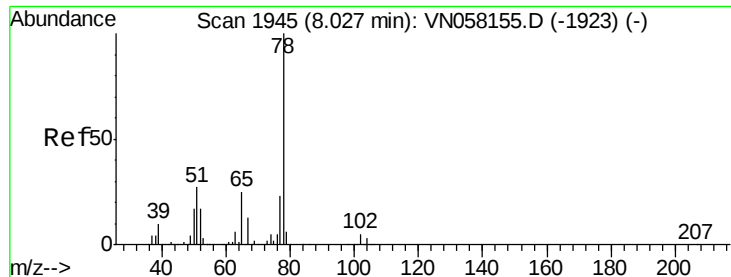
MMDadoda
9/27/2019 11:19:35 AM



#35
Dibromofluoromethane
Concen: 46.981 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	216712		
111	102.6	81.8	122.6	
192	18.4	14.5	21.7	





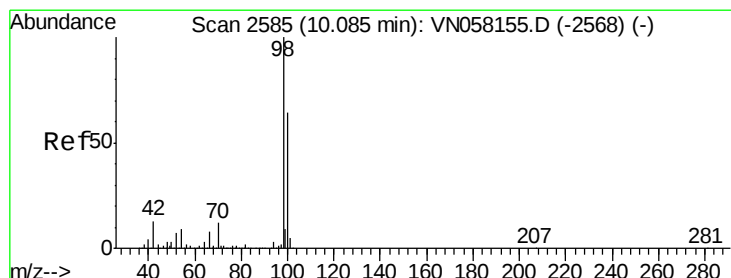
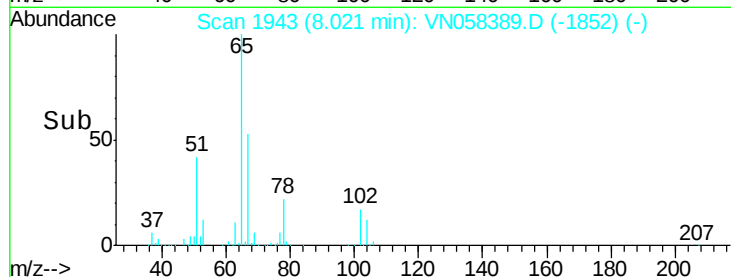
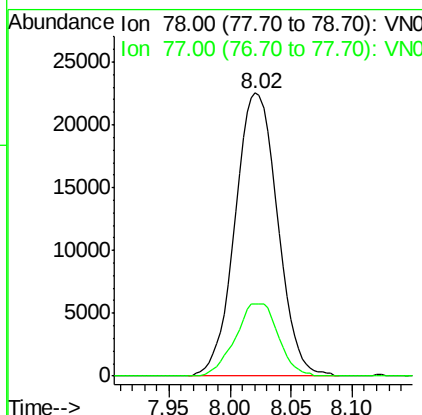
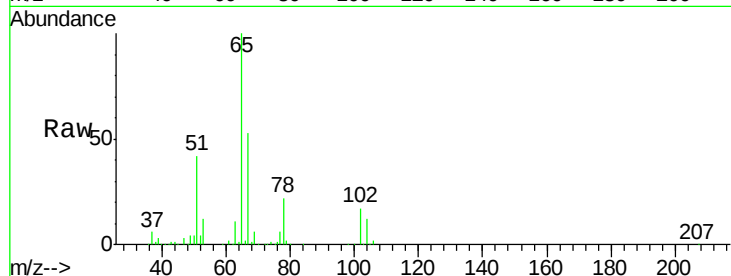
#40
Benzene
Concen: 3.248 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.01 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampled :
30451-52

Tot Ion	78	Resp	54282
Ion Ratio	100	Lower	Upper
77	25.6	18.8	28.2

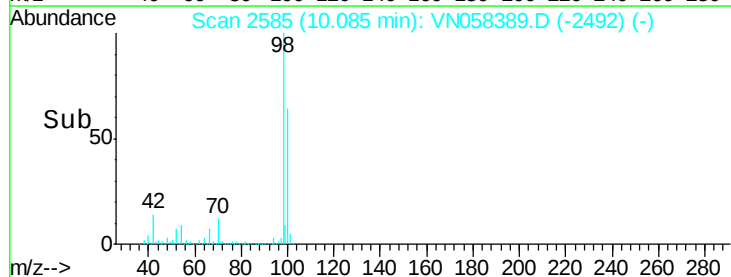
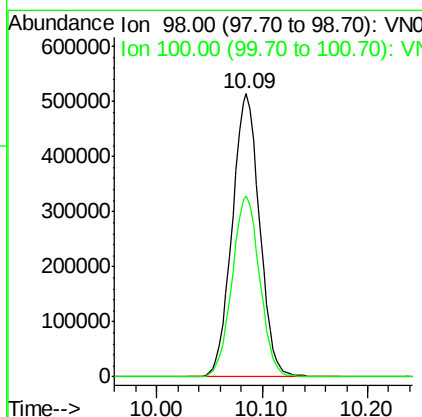
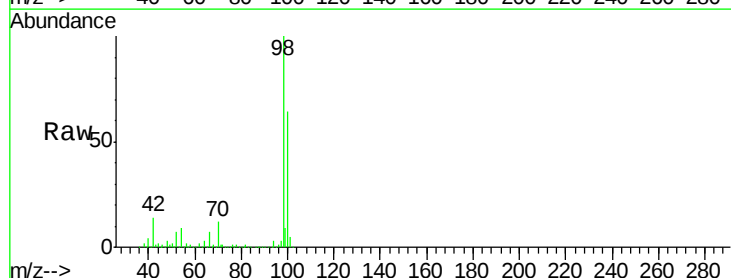
Manual Integrations
APPROVED

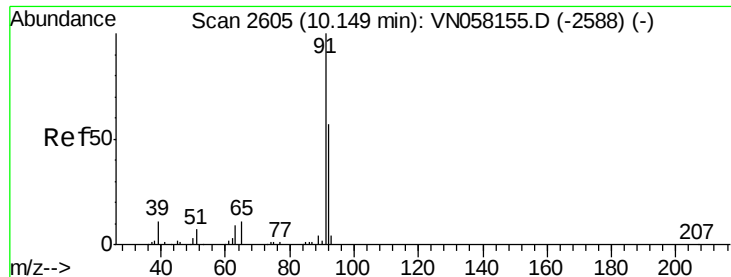
MMDadoda
9/27/2019 11:19:35 AM



#50
Toluene-d8
Concen: 51.457 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Tgt Ion	98	Resp	924807
Ion Ratio	100	Lower	Upper
100	64.3	51.1	76.7





#52

Toluene

Concen: 7.148 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_N

ClientSampleId :

30451-52

Tot Ion: 92 Resp: 74871

Ion Ratio Lower Upper

92 100

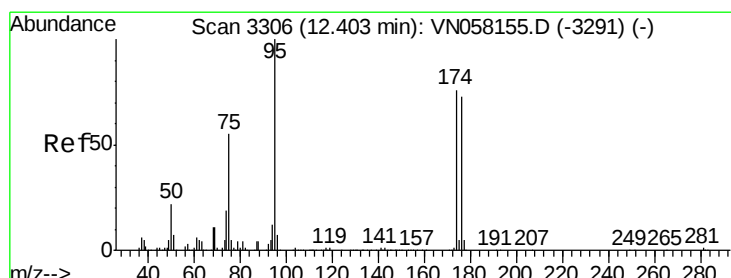
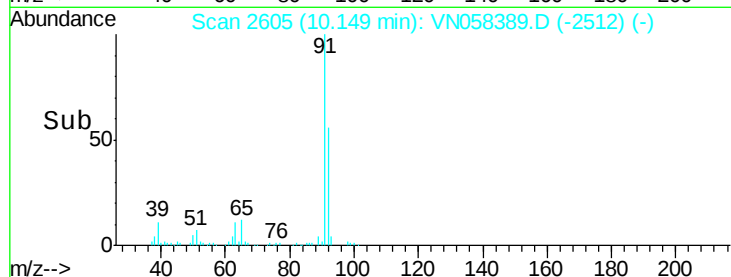
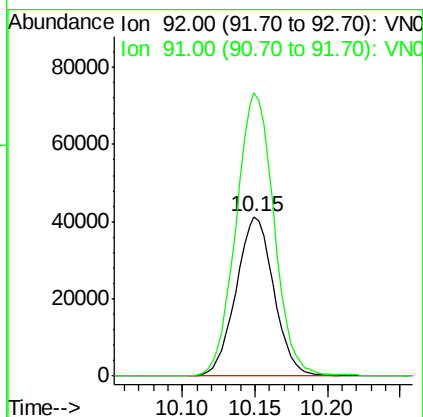
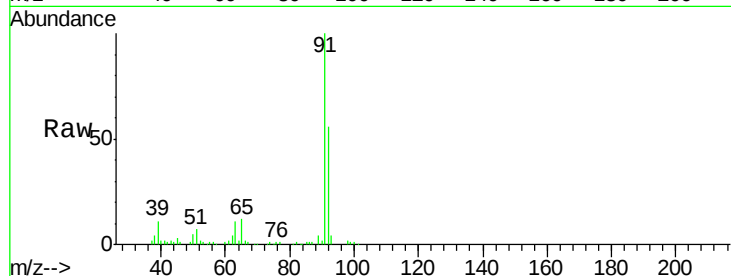
91 178.4 140.2 210.2

Manual Integrations

APPROVED

MMDadoda

9/27/2019 11:19:35 AM



#62

4-Bromofluorobenzene

Concen: 41.108 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

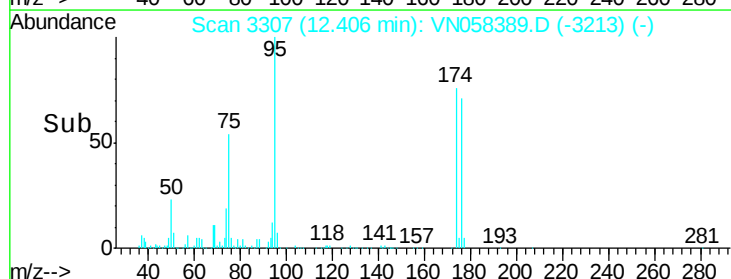
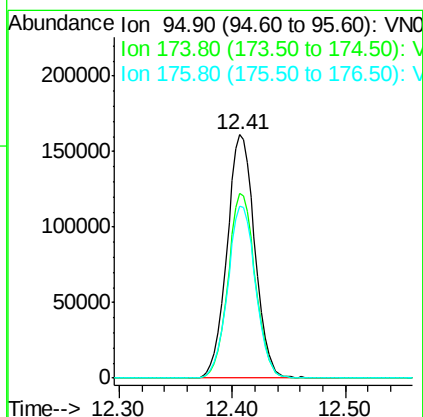
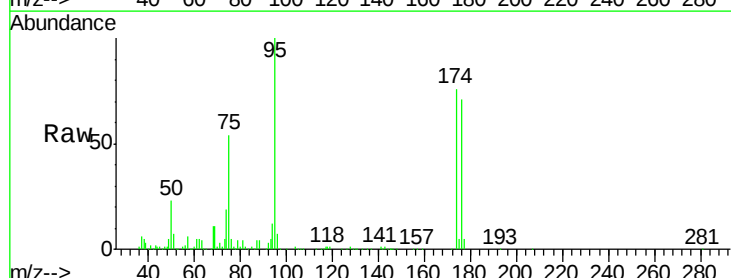
Tgt Ion: 95 Resp: 274438

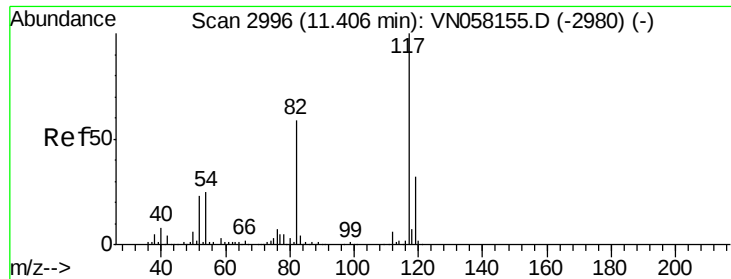
Ion Ratio Lower Upper

95 100

174 74.4 0.0 152.2

176 70.7 0.0 148.0





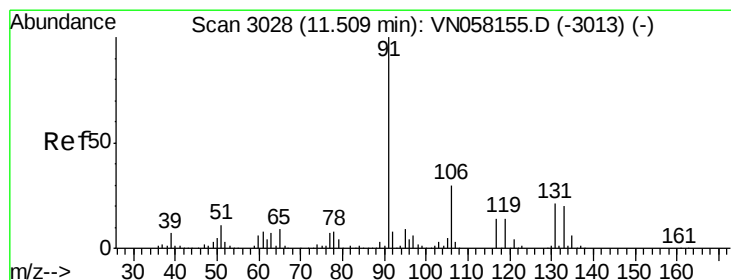
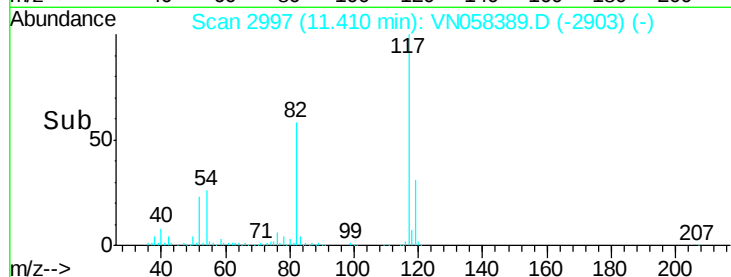
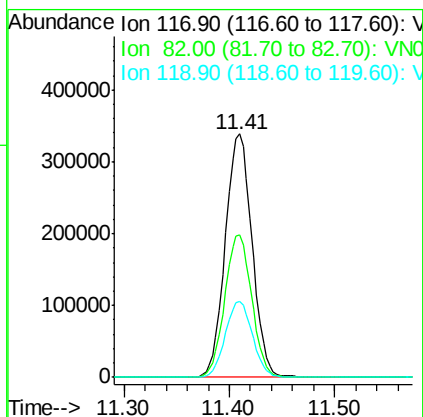
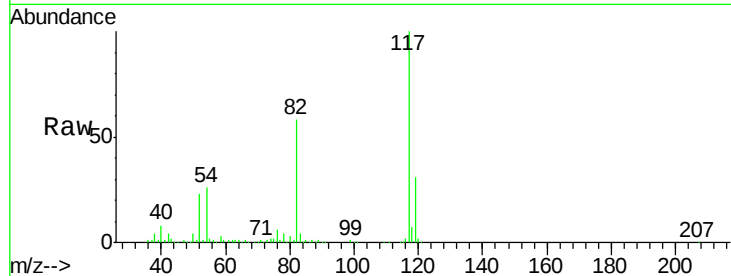
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampled :
30451-52

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.5	46.9	70.3
119	31.1	25.3	37.9

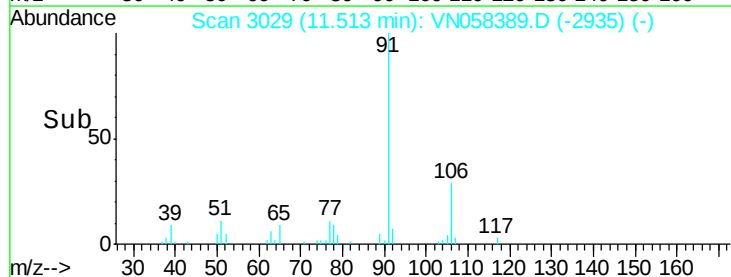
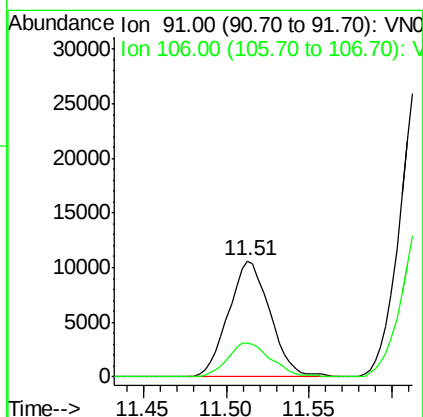
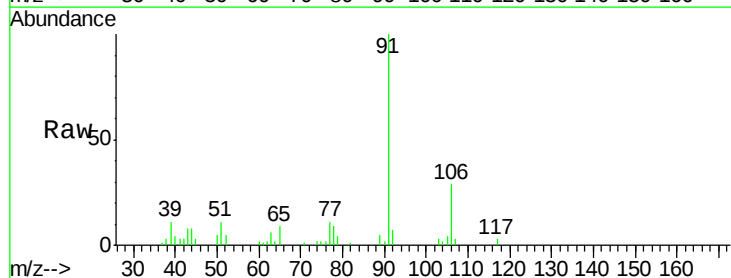
Manual Integrations
APPROVED

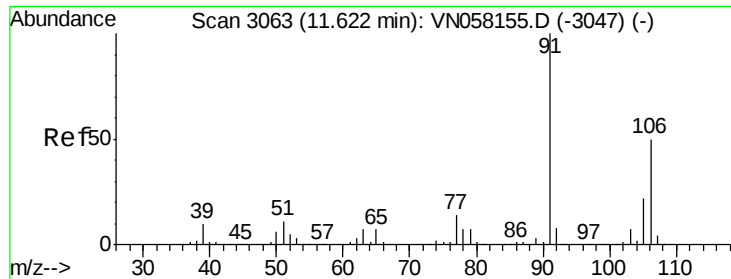
MMDadoda
9/27/2019 11:19:35 AM



#67
Ethyl Benzene
Concen: 1.035 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.0	36.0





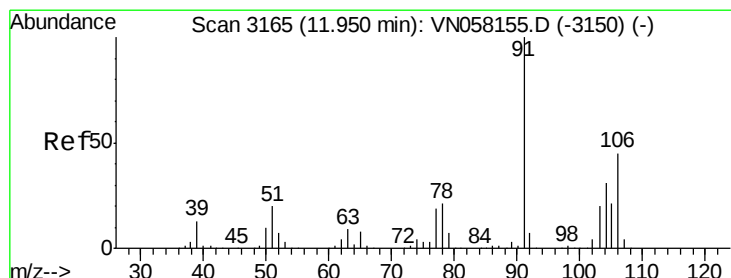
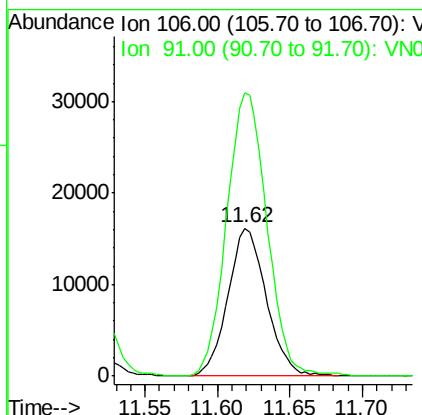
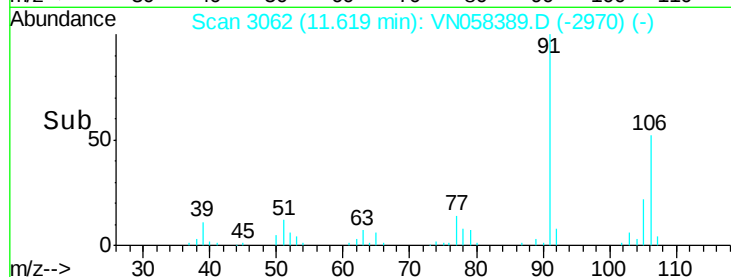
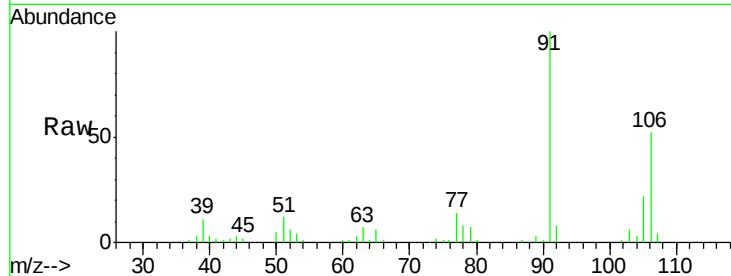
#68
m/p-Xylenes
Concen: 4.393 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30451-52

Tot Ion:106 Resp: 29688
Ion Ratio Lower Upper
106 100
91 200.7 163.6 245.4

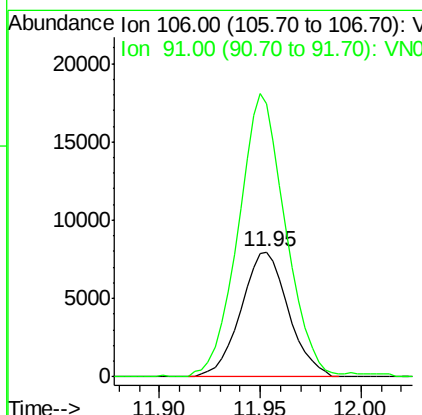
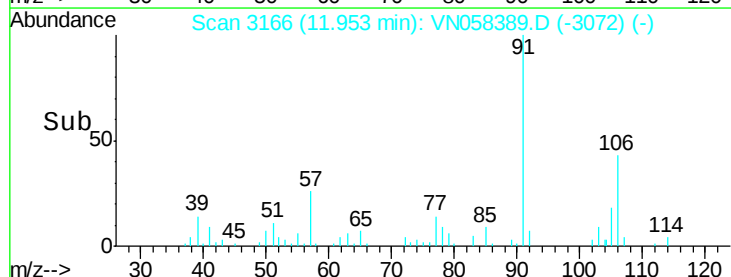
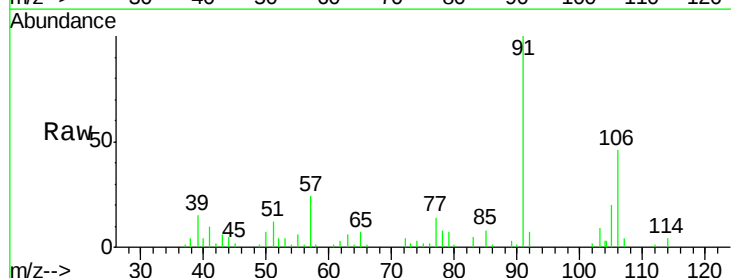
Manual Integrations
APPROVED

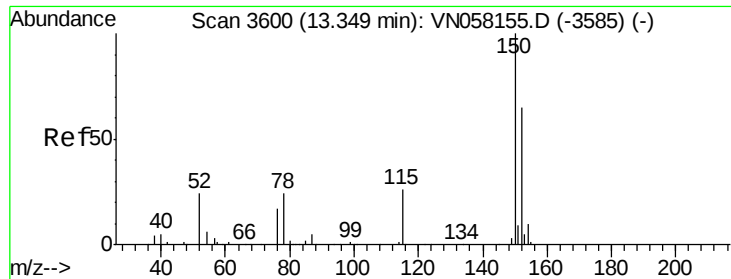
MMDadoda
9/27/2019 11:19:35 AM



#69
o-Xylene
Concen: 1.975 ug/l
RT: 11.95 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Tgt Ion:106 Resp: 13123
Ion Ratio Lower Upper
106 100
91 224.7 111.8 335.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

Instrument :

MSVOA_N

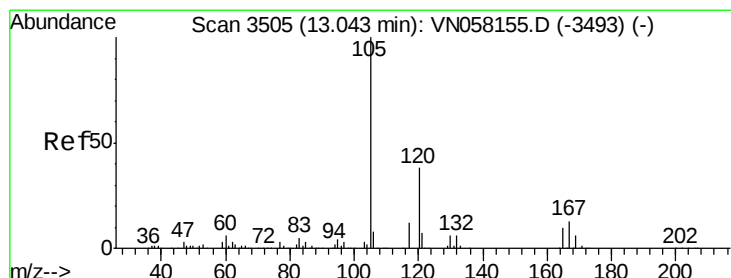
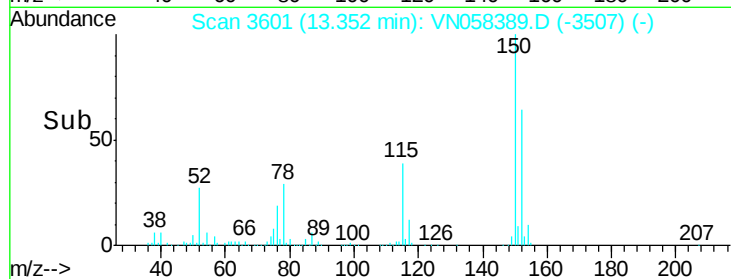
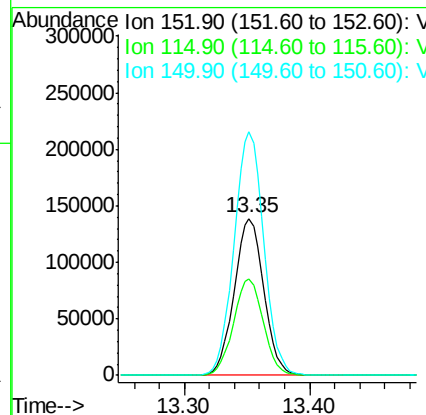
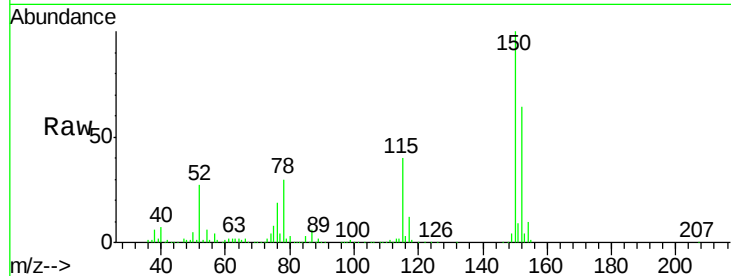
ClientSampled :

30451-52

Tot Ion:	152	Resp:	227215
Ion Ratio	Lower	Upper	
152	100		
115	62.2	30.1	90.3
150	155.8	0.0	346.4

Manual Integrations
APPROVED

MMDadoda
9/27/2019 11:19:35 AM



#84

1,2,4-Trimethylbenzene

Concen: 1.919 ug/l

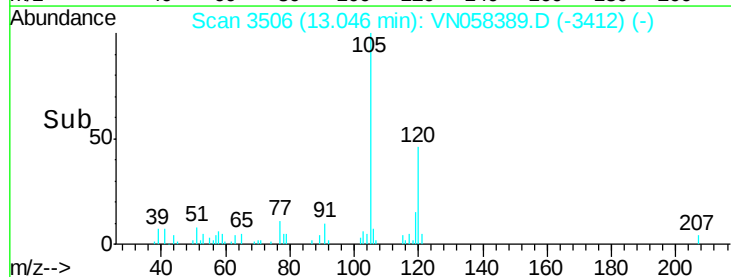
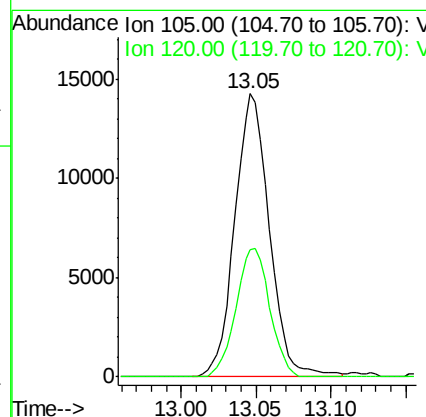
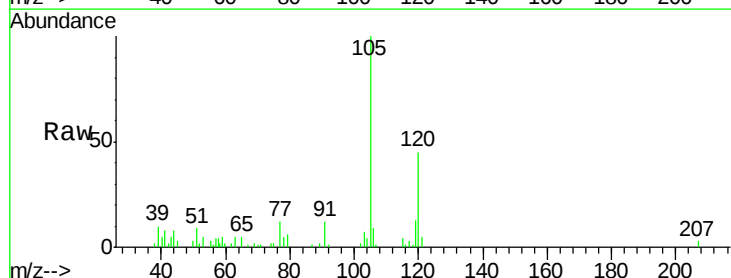
RT: 13.05 min Scan# 3506

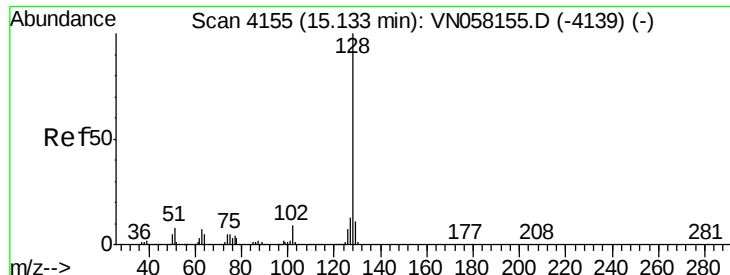
Delta R.T. 0.00 min

Lab File: VN058389.D

Acq: 26 Sep 2019 16:26

Tgt Ion:	105	Resp:	22962
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.1	66.5





#95
Naphthalene
Concen: 5.379 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN058389.D
Acq: 26 Sep 2019 16:26

Instrument :
MSVOA_N
ClientSampleId :
30451-52

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	12.1	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/27/2019 11:19:35 AM

