

Data File : VW012692.D
Acq On : 06 Sep 2019 15:33
Operator : SY/VA
Sample : K4522-05
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-5

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:15 AM

Quant Time: Sep 07 05:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	251199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	288158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	136987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	144945	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
35) Dibromofluoromethane	7.88	113	109788	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
50) Toluene-d8	10.32	98	457934	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.62	95	149466	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
16) Acetone	4.14	43	14756	19.331	ug/l	99
20) Methylene Chloride	4.91	84	16707	5.790	ug/l	91
39) Methylcyclohexane	9.33	83	15526	3.466	ug/l	99
73) Isopropylbenzene	12.46	105	14372	1.400	ug/l	96
78) n-propylbenzene	12.80	91	41944	3.347	ug/l	97
85) sec-Butylbenzene	13.38	105	47446	4.558	ug/l #	64
89) n-Butylbenzene	13.82	91	55560m	6.010	ug/l	

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

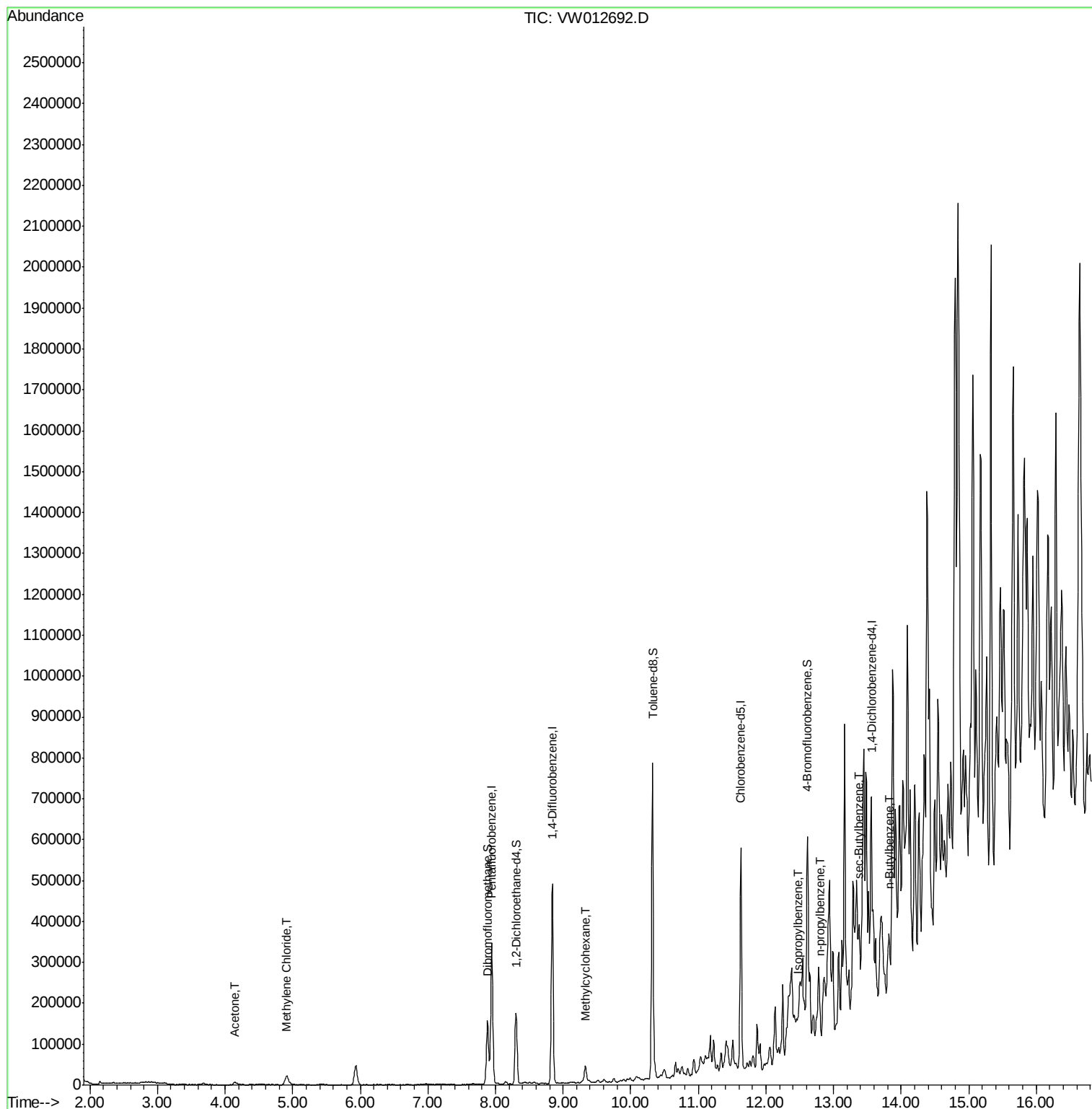
Data File : VW012692.D
Acq On : 06 Sep 2019 15:33
Operator : SY/VA
Sample : K4522-05
Misc : 5.01G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

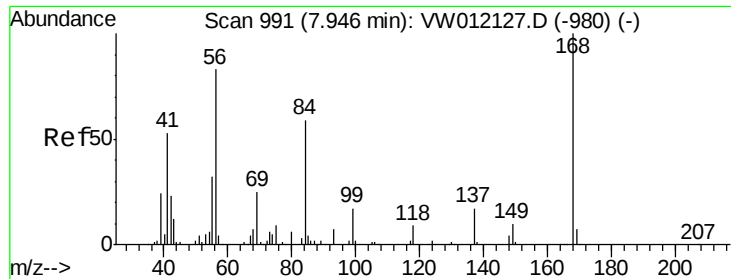
Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-5

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:15 AM

Quant Time: Sep 07 05:44:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-5

Tgt Ion: 168 Resp: 251199

Ion Ratio Lower Upper

168 100

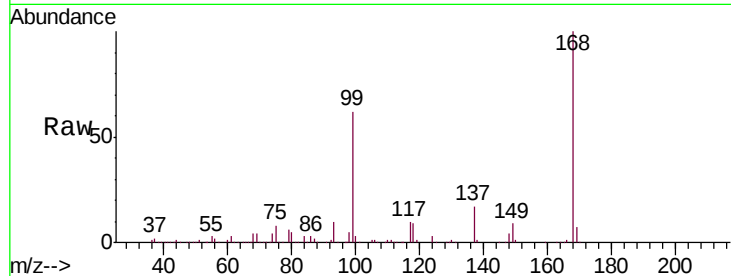
99 62.1 49.2 73.8

Manual Integrations

APPROVED

MMDadoda

9/9/2019 4:45:15 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

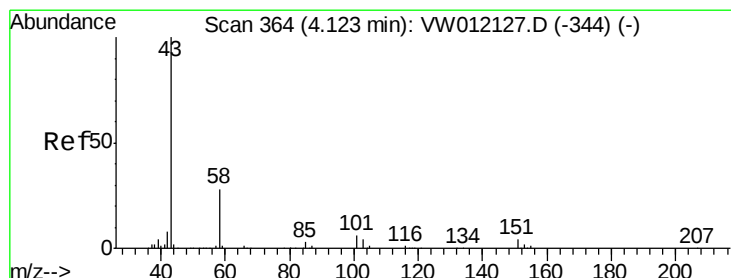
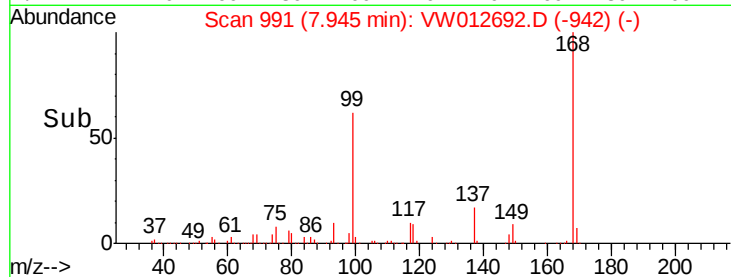
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 19.331 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012692.D

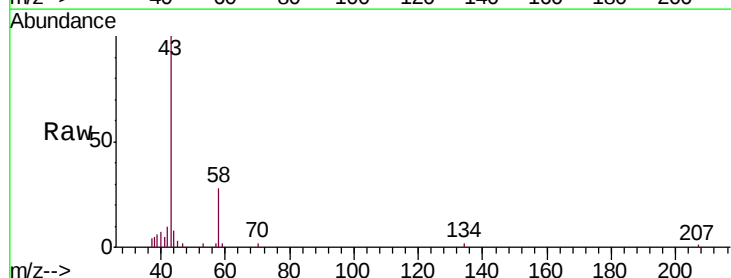
Acq: 06 Sep 2019 15:33

Tgt Ion: 43 Resp: 14756

Ion Ratio Lower Upper

43 100

58 28.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

4000

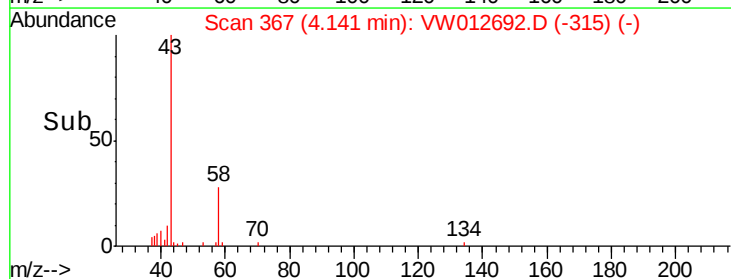
3000

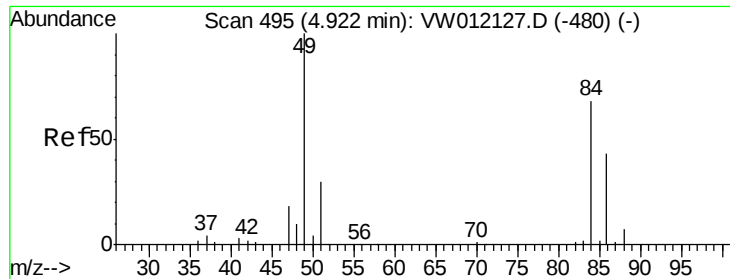
2000

1000

0

Time--> 4.00 4.10 4.20





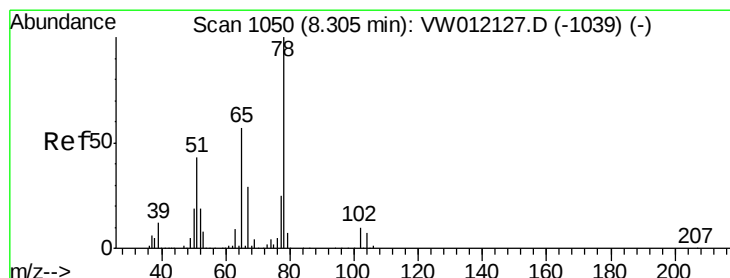
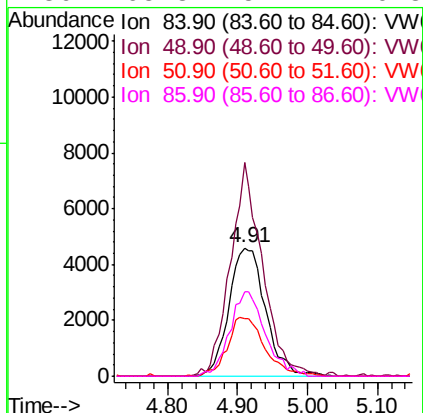
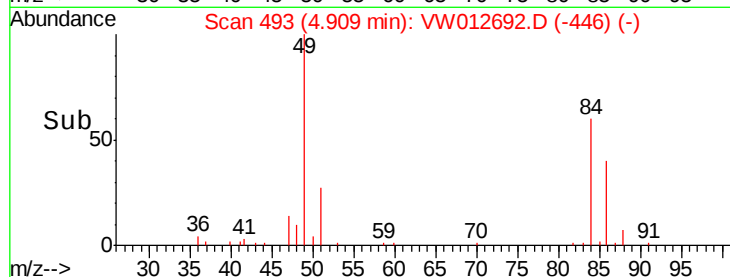
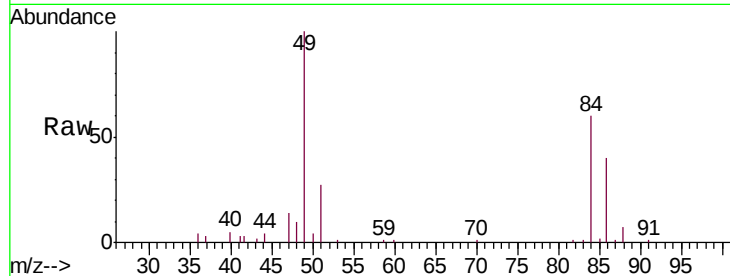
#20
Methylene Chloride
Concen: 5.790 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-5

Tgt Ion:	84	Resp:	16707
Ion	Ratio	Lower	Upper
84	100		
49	166.2	117.8	176.8
51	44.9	35.6	53.4
86	65.8	51.2	76.8

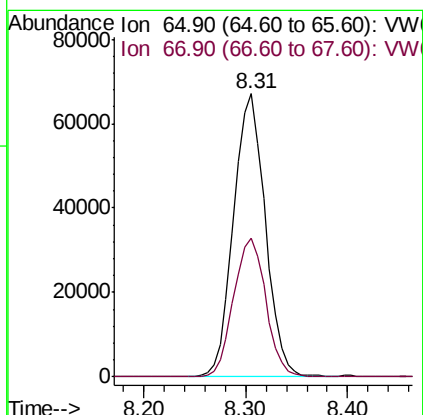
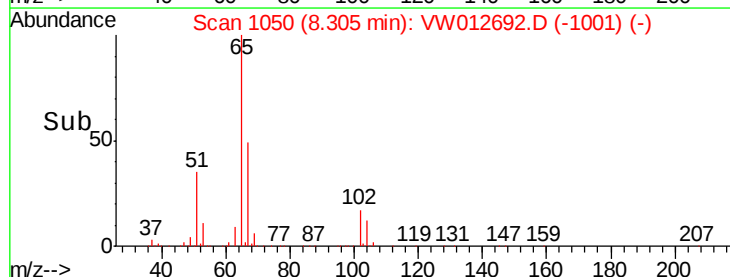
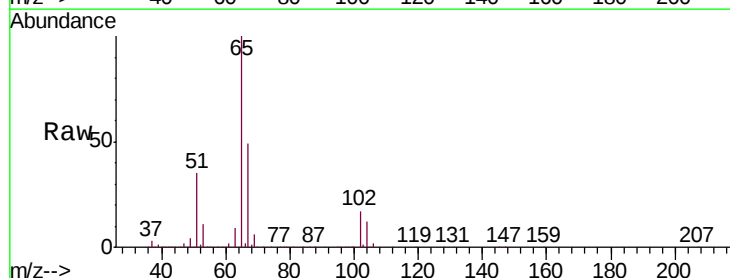
Manual Integrations
APPROVED

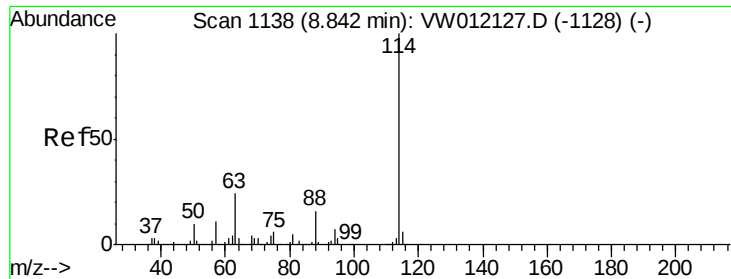
MMDadoda
9/9/2019 4:45:15 AM



#33
1,2-Dichloroethane-d4
Concen: 48.539 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Tgt Ion:	65	Resp:	144945
Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	102.6





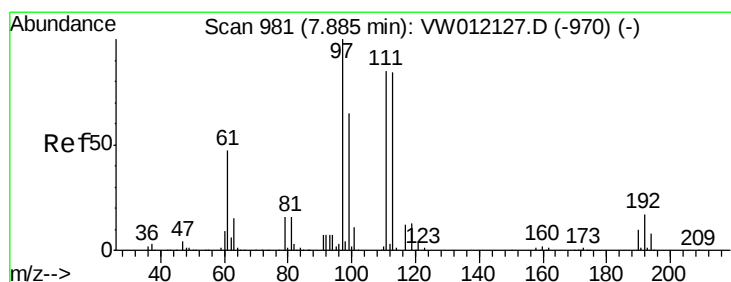
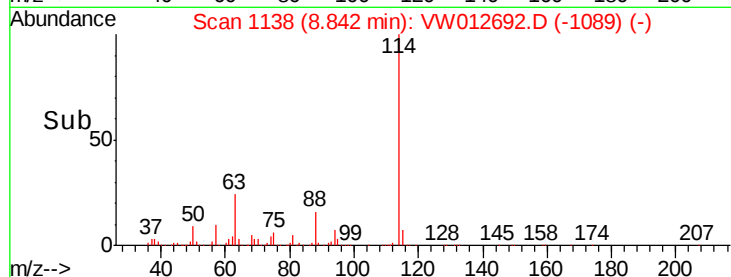
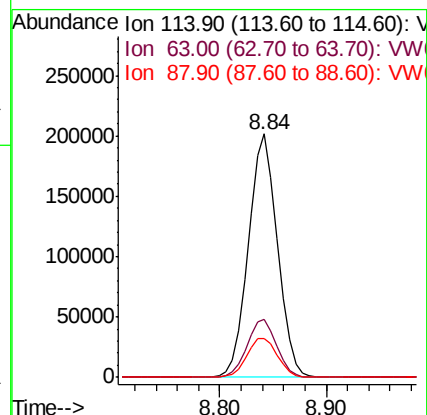
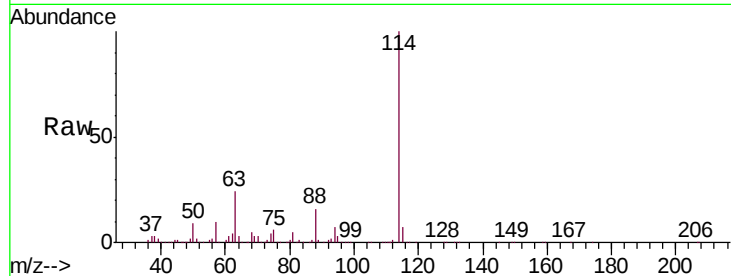
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012692.D
 Acq: 06 Sep 2019 15:33

Instrument :
 MSVOA_W
 ClientSampled :
 BOTTOM-5

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	23.7	0.0	48.6
88	15.9	0.0	32.2

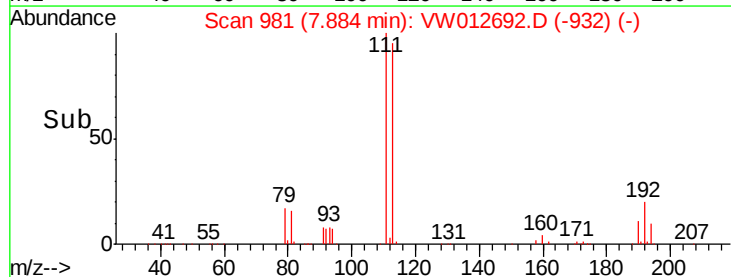
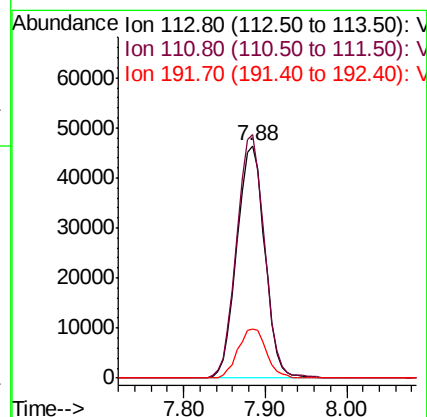
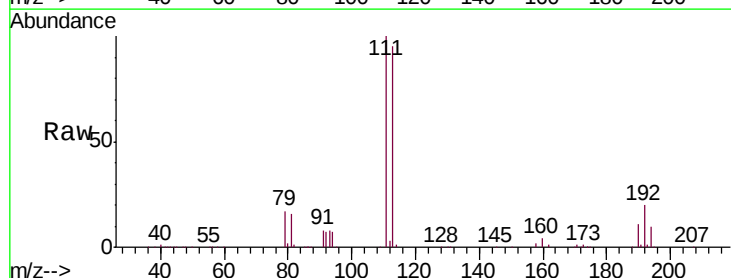
Manual Integrations
 APPROVED

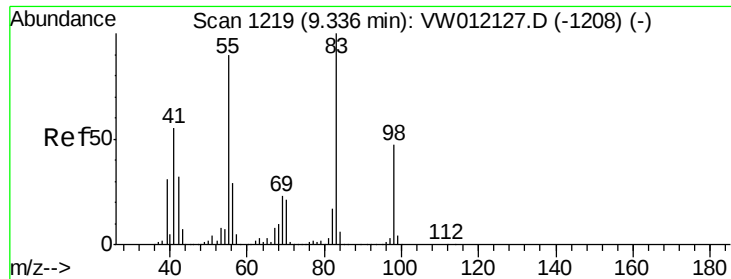
MMDadoda
 9/9/2019 4:45:15 AM



#35
 Dibromofluoromethane
 Concen: 47.668 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012692.D
 Acq: 06 Sep 2019 15:33

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	104.2	82.7	124.1
192	21.5	16.2	24.2





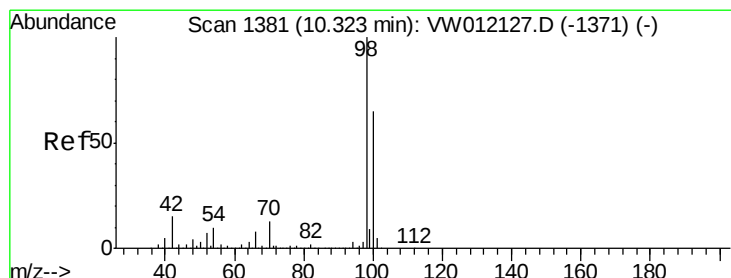
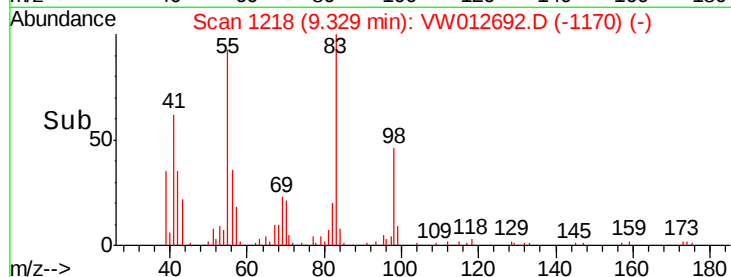
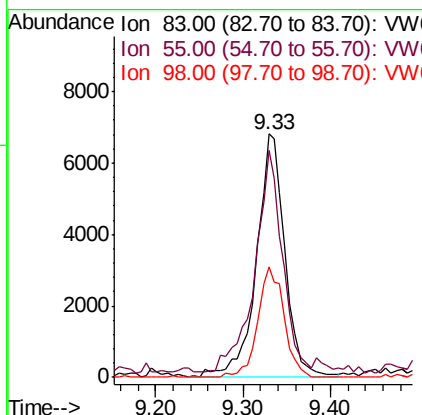
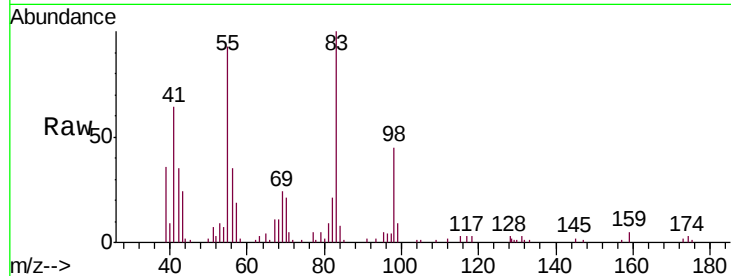
#39
Methylcyclohexane
Concen: 3.466 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Instrument :
MSVOA_W
ClientSampled :
BOTTOM-5

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.7	71.8	107.8
98	45.3	37.8	56.8

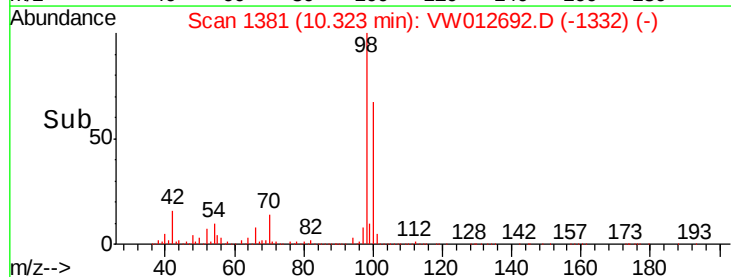
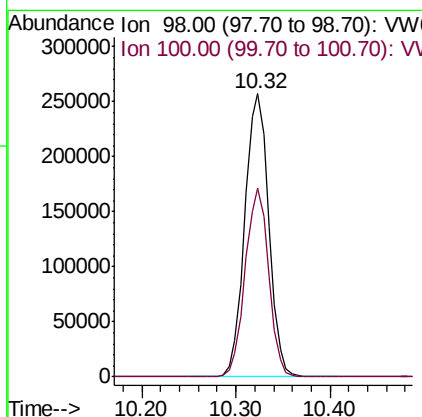
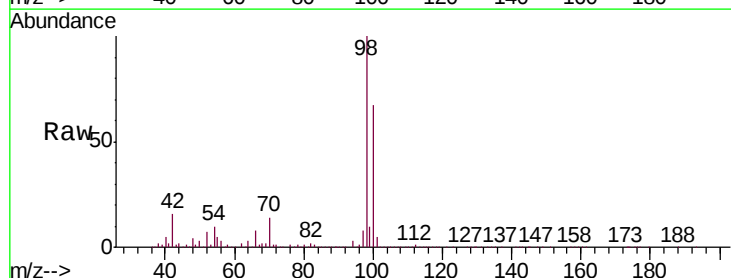
Manual Integrations
APPROVED

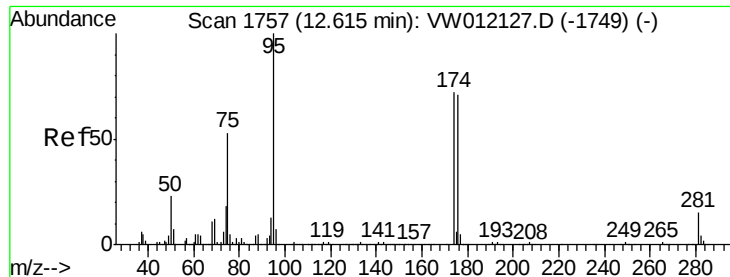
MMDadoda
9/9/2019 4:45:15 AM



#50
Toluene-d8
Concen: 49.036 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 45.404 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Instrument :

MSVOA_W

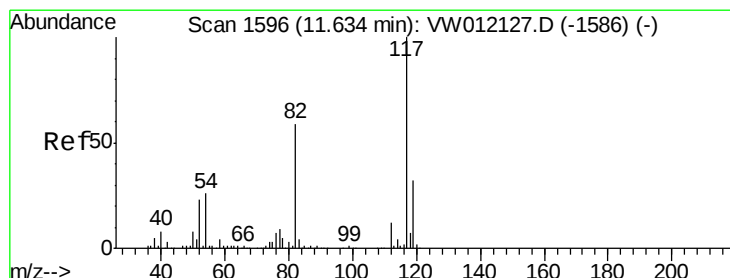
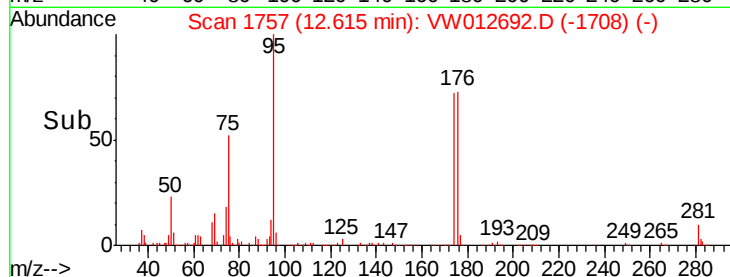
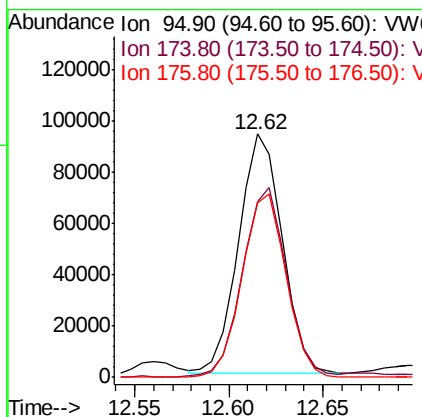
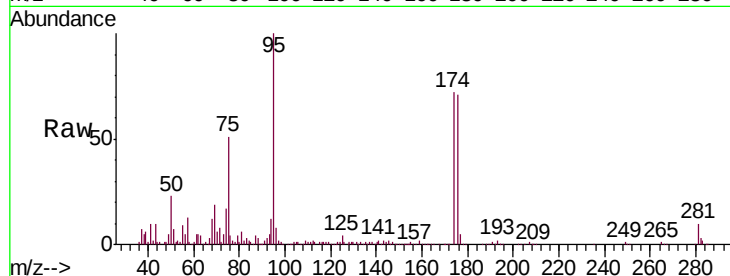
ClientSampleId :

BOTTOM-5

Tgt Ion:	95	Resp:	149466
Ion Ratio	Lower	Upper	
95	100		
174	79.8	0.0	150.8
176	77.5	0.0	148.6

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:15 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

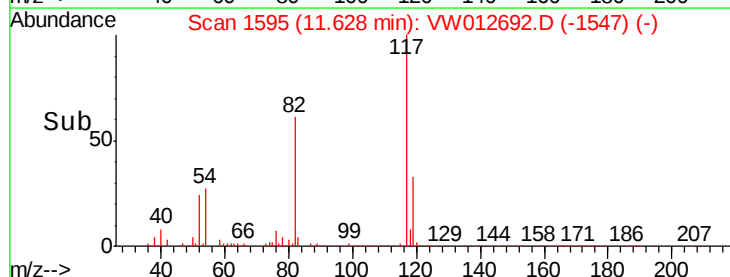
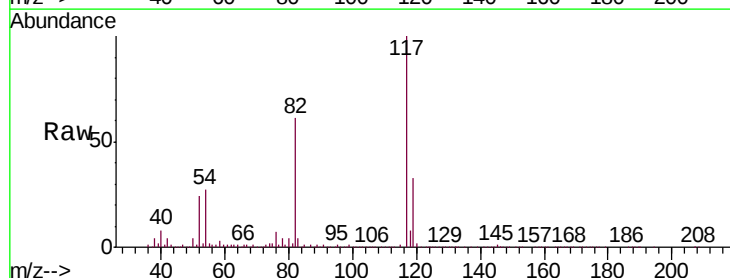
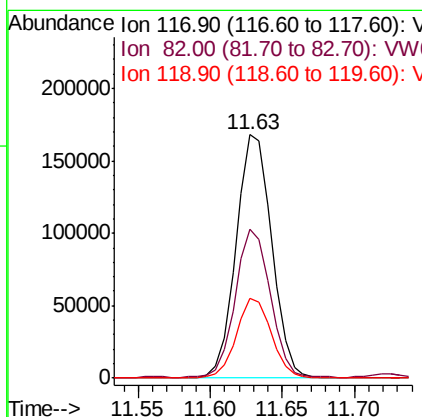
RT: 11.63 min Scan# 1595

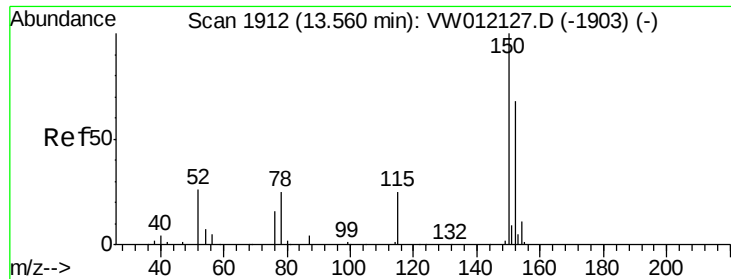
Delta R.T. -0.01 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Tgt Ion:	117	Resp:	288158
Ion Ratio	Lower	Upper	
117	100		
82	61.0	47.4	71.2
119	32.6	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Instrument :

MSVOA_W

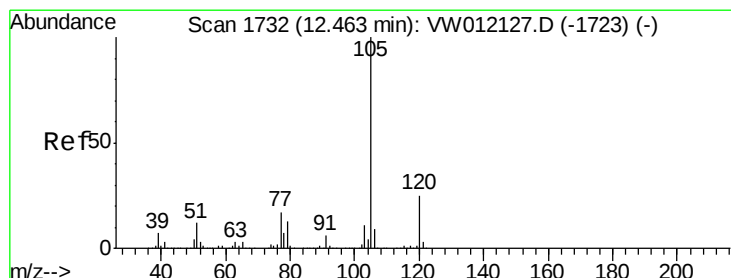
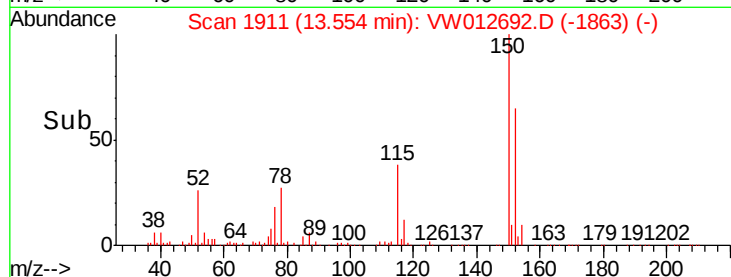
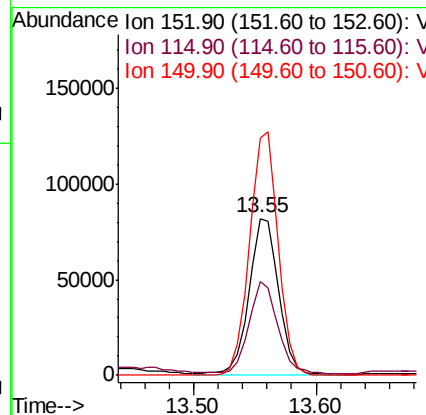
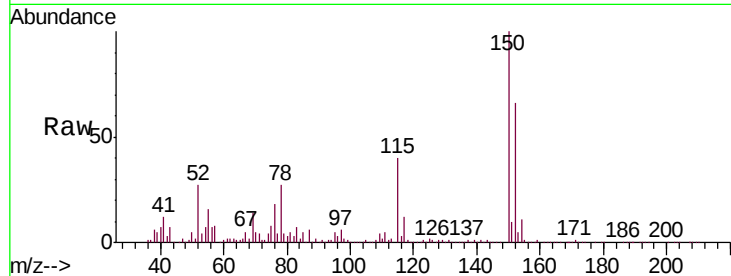
ClientSampleId :

BOTTOM-5

Tgt Ion:	152	Resp:	136987
Ion Ratio	Lower	Upper	
152	100		
115	57.9	30.1	90.3
150	150.9	0.0	345.8

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:15 AM



#73

Isopropylbenzene

Concen: 1.400 ug/l

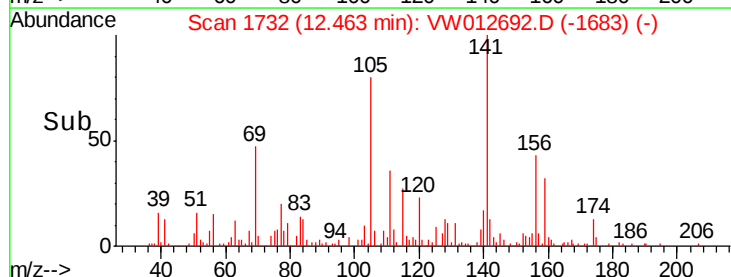
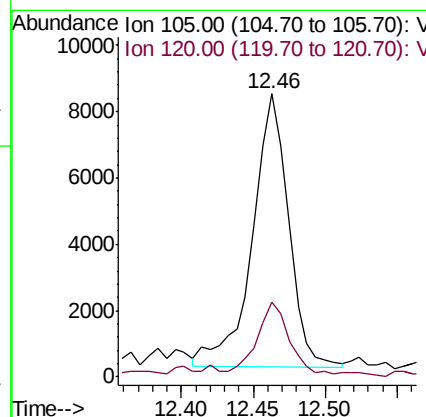
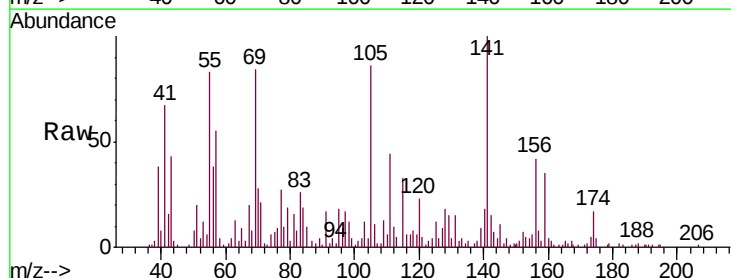
RT: 12.46 min Scan# 1732

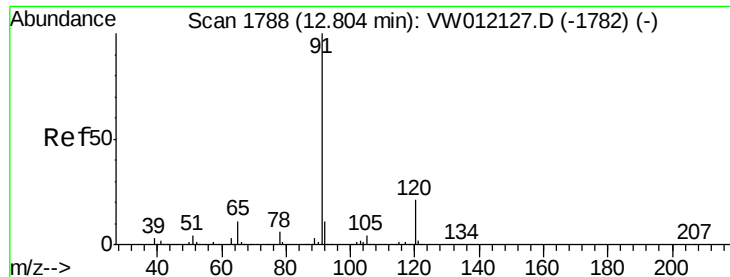
Delta R.T. -0.00 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Tgt Ion:	105	Resp:	14372
Ion Ratio	Lower	Upper	
105	100		
120	23.2	12.5	37.5





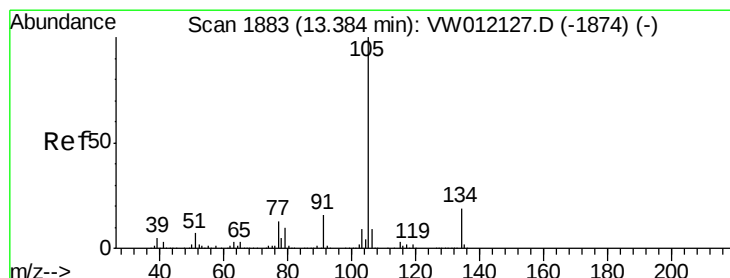
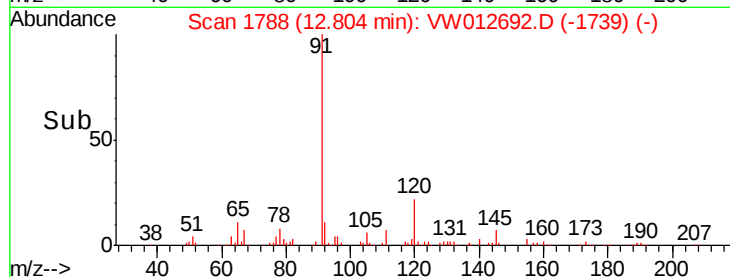
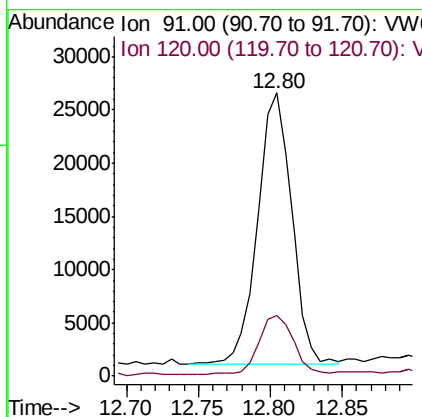
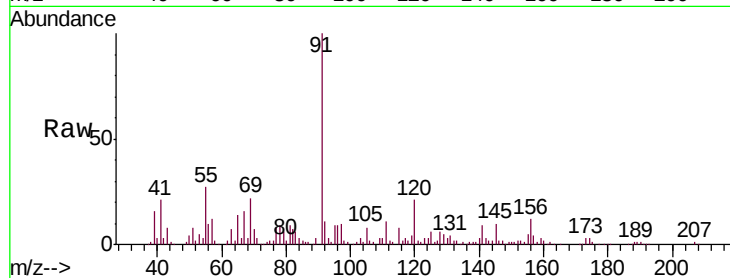
#78
n-propylbenzene
Concen: 3.347 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Instrument :
MSVOA_W
ClientSampleId :
BOTTOM-5

Tgt Ion: 91 Resp: 41944
Ion Ratio Lower Upper
91 100
120 22.3 10.5 31.6

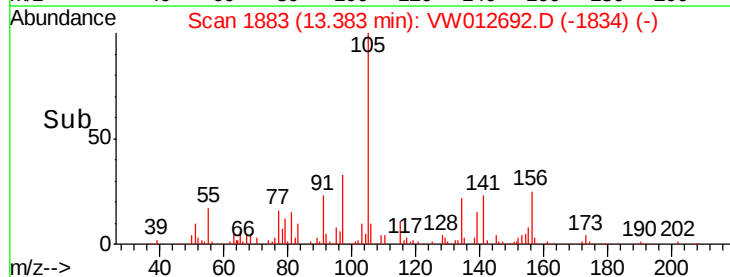
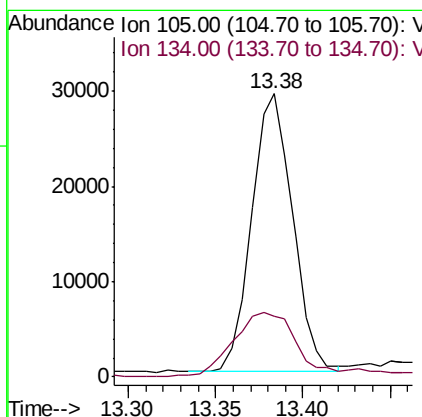
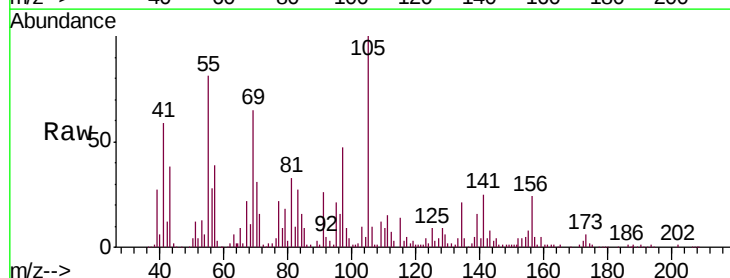
Manual Integrations
APPROVED

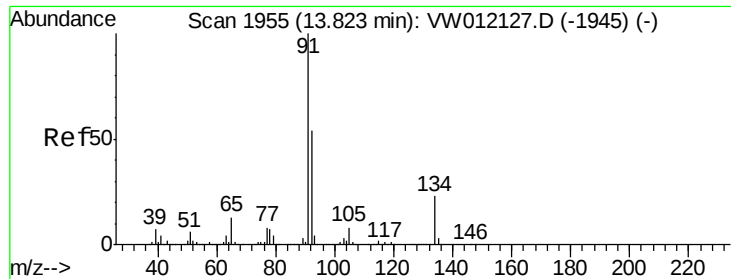
MMDadoda
9/9/2019 4:45:15 AM



#85
sec-Butylbenzene
Concen: 4.558 ug/l
RT: 13.38 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VW012692.D
Acq: 06 Sep 2019 15:33

Tgt Ion: 105 Resp: 47446
Ion Ratio Lower Upper
105 100
134 36.1 9.8 29.4#





#89

n-Butylbenzene

Concen: 6.010 ug/l m

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012692.D

Acq: 06 Sep 2019 15:33

Instrument :

MSVOA_W

ClientSampleId :

BOTTOM-5

Tgt Ion:	91	Resp:	55560
Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.1	81.2
134	48.4	12.2	36.4#

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:15 AM

