

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091218\
 Data File : VX004489.D
 Acq On : 12 Sep 2018 12:46
 Operator : JC/MD
 Sample : J4848-02
 Misc : 2.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(8-12)

Manual Integrations
 APPROVED

MMDadoda
 9/13/2018 10:58:44 AM

Quant Time: Sep 13 11:41:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279121	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	234359	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	124213	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	5.51	113	106775	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
50) Toluene-d8	8.72	98	452196	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.12	95	534214	174.72	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	349.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.56	56	5107	1.55	ug/l	98
39) Methylcyclohexane	7.45	83	71178	20.13	ug/l	89
73) Isopropylbenzene	11.03	105	1795801	116.35	ug/l	100
78) n-propylbenzene	11.37	91	5480673	308.83	ug/l	99
83) tert-Butylbenzene	11.78	119	351049	28.42	ug/l	74
84) 1,2,4-Trimethylbenzene	11.81	105	14085m	1.06	ug/l	
85) sec-Butylbenzene	11.96	105	2848172	180.93	ug/l	94
89) n-Butylbenzene	12.40	91	1913747	151.08	ug/l	88

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

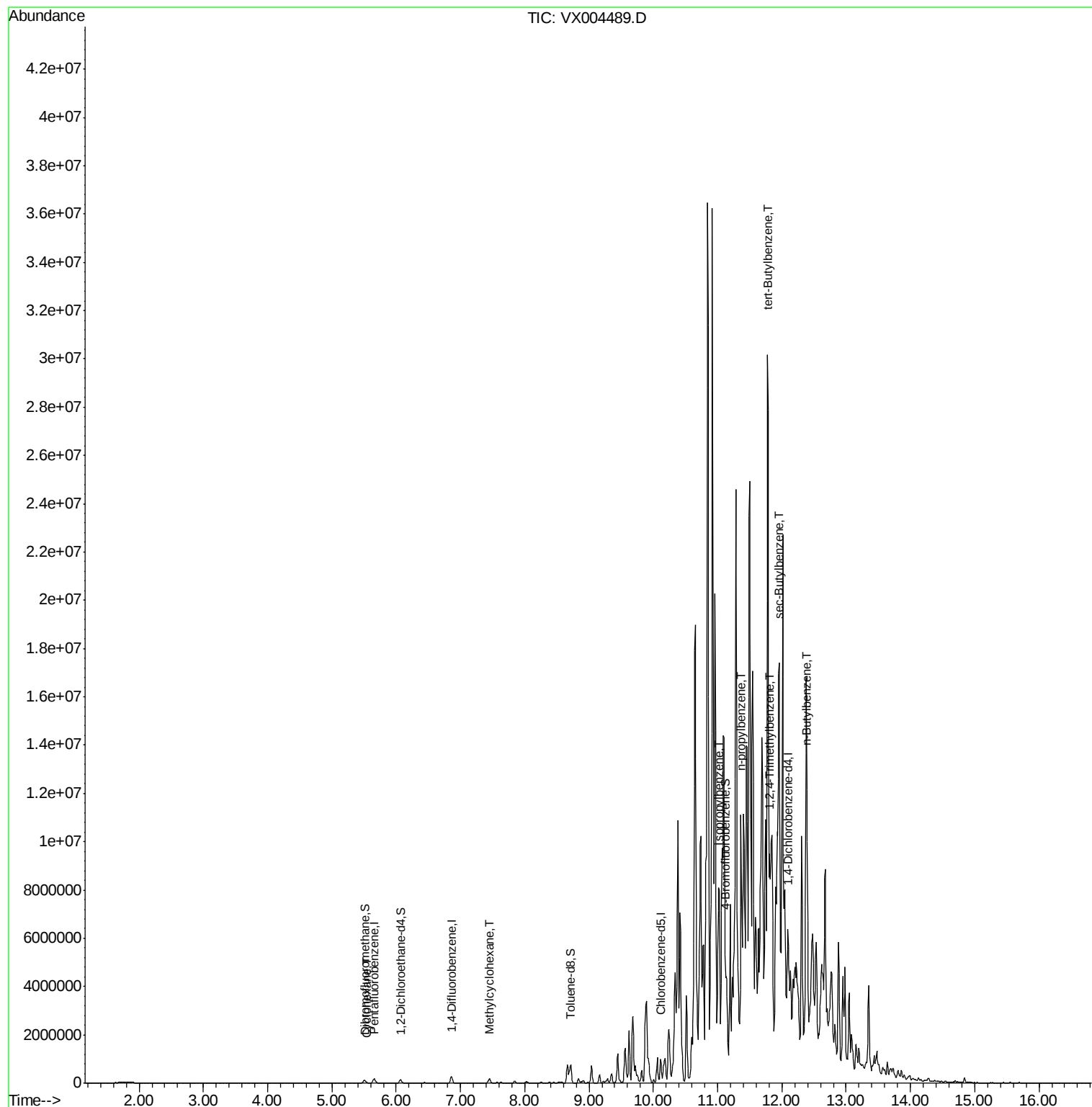
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091218\
Data File : VX004489.D
Acq On : 12 Sep 2018 12:46
Operator : JC/MD
Sample : J4848-02
Misc : 2.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

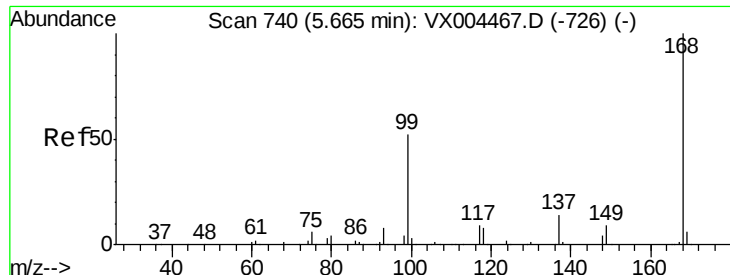
Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)

Manual Integrations
APPROVED

MMDadoda
9/13/2018 10:58:44 AM

Quant Time: Sep 13 11:41:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)

Tot Ion:168 Resp: 176751

Ion Ratio Lower Upper

168 100

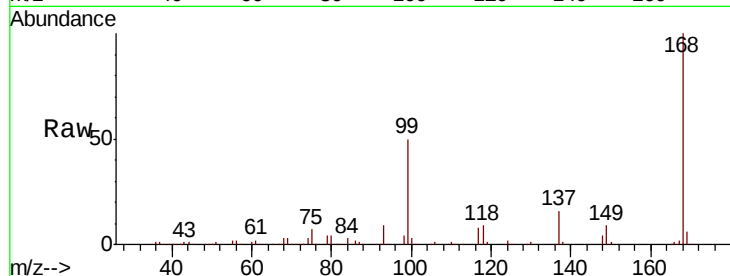
99 50.3 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

9/13/2018 10:58:44 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

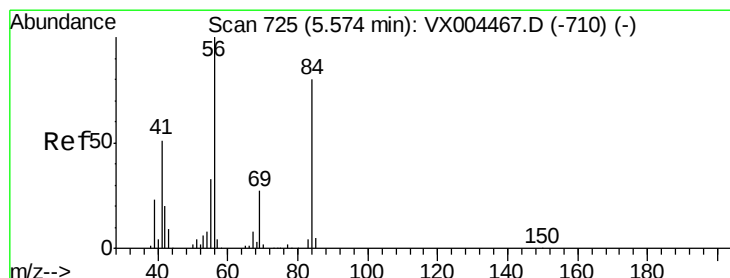
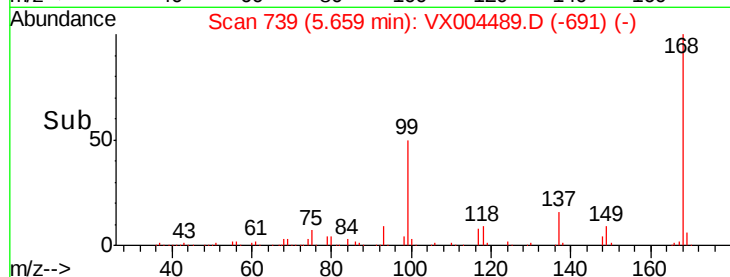
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#31

Cyclohexane

Concen: 1.55 ug/l

RT: 5.56 min Scan# 722

Delta R.T. -0.02 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

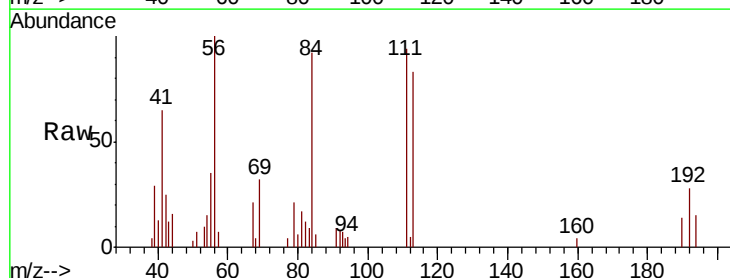
Tgt Ion: 56 Resp: 5107

Ion Ratio Lower Upper

56 100

69 32.1 25.4 38.2

84 91.9 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

2500

2000

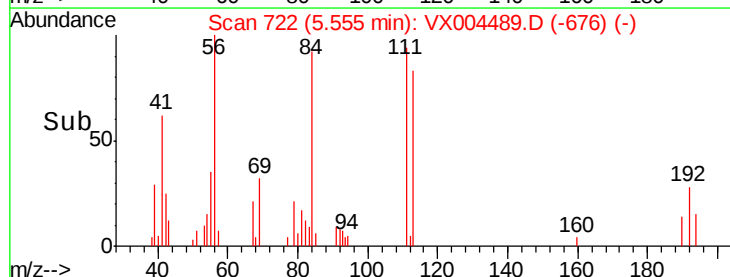
1500

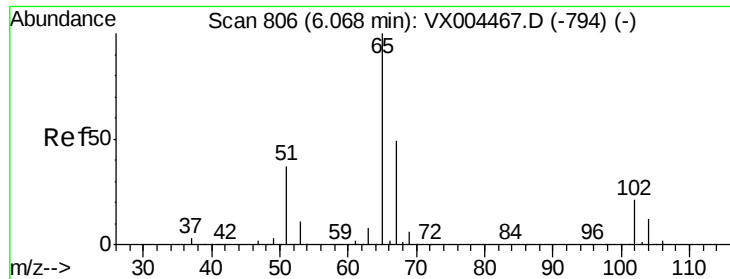
1000

500

0

Time--> 5.45 5.50 5.55 5.60





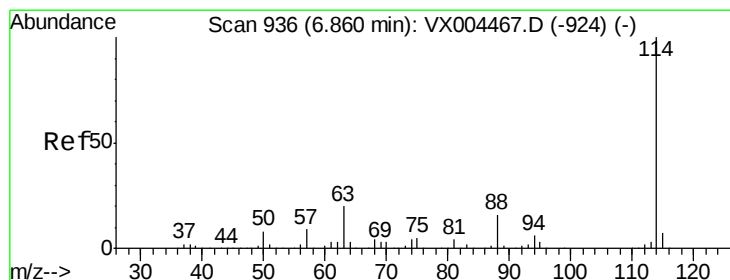
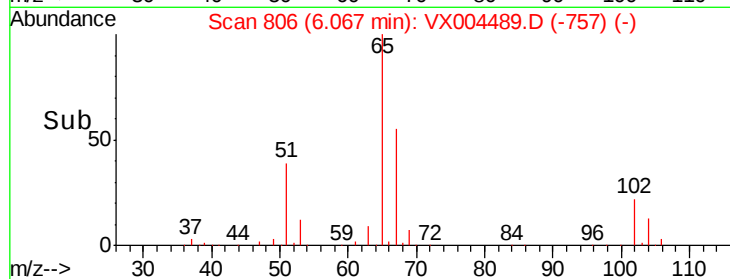
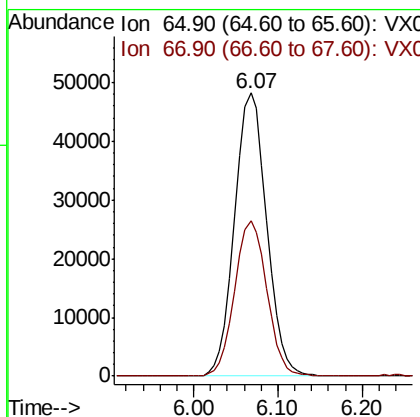
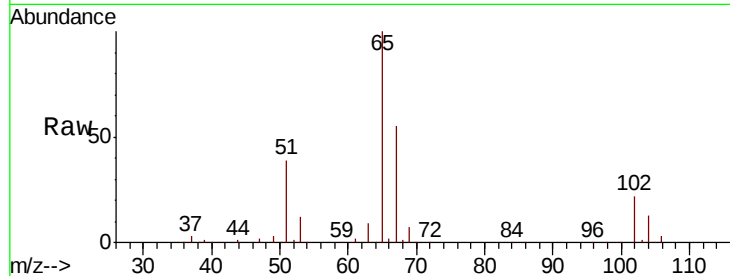
#33
 1,2-Dichloroethane-d4
 Concen: 54.50 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004489.D
 Acq: 12 Sep 2018 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-A(8-12)

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	106.8

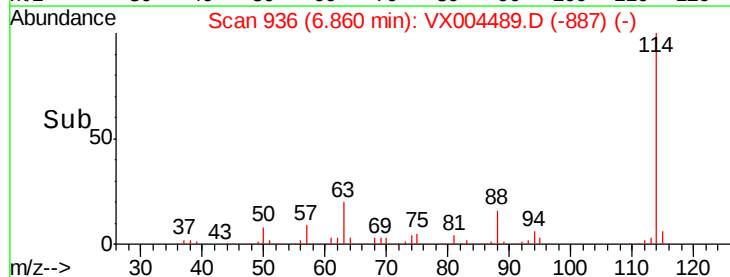
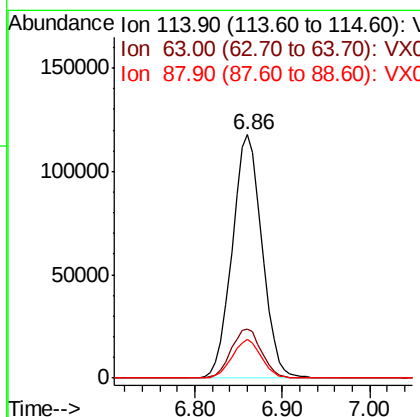
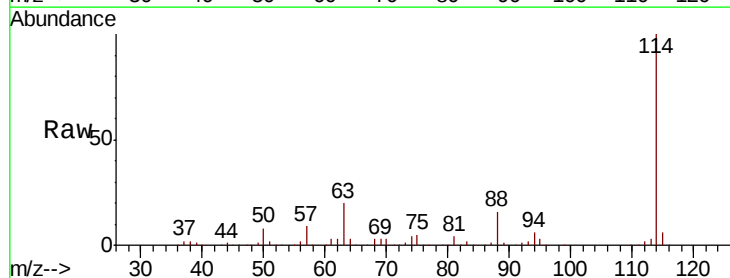
Manual Integrations
 APPROVED

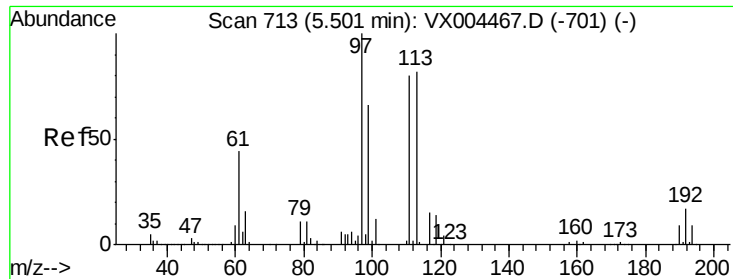
MMDadoda
 9/13/2018 10:58:44 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004489.D
 Acq: 12 Sep 2018 12:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	16.1	0.0	30.4





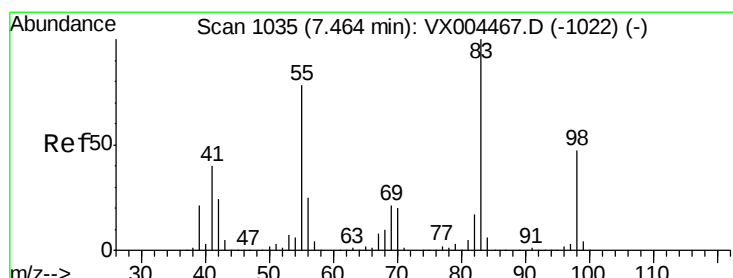
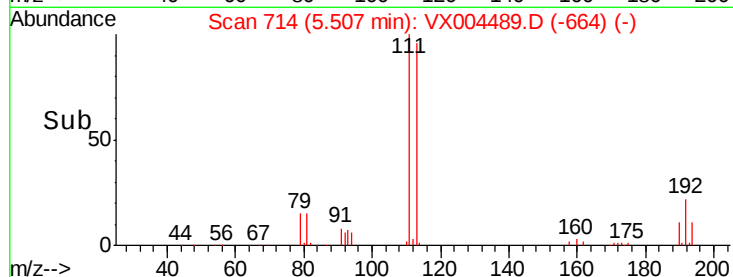
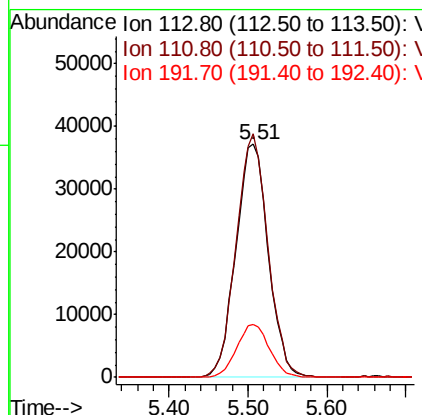
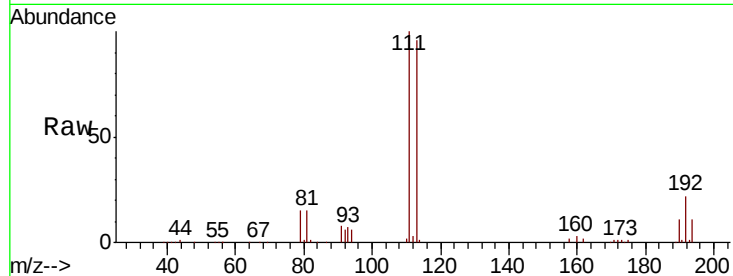
#35
Dibromofluoromethane
Concen: 41.80 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)

Tot Ion	Ratio	Resp	Lower	Upper
113	100	106775		
111	101.9	82.4	123.6	
192	22.7	19.4	29.2	

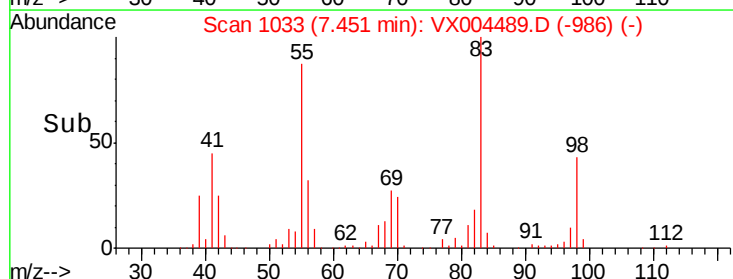
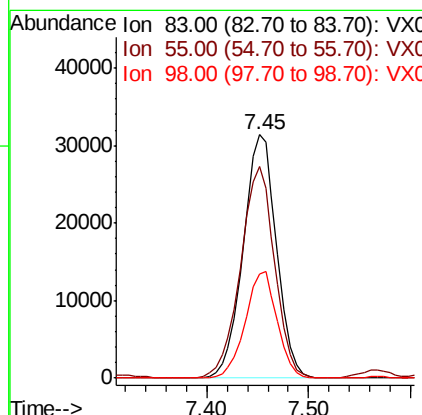
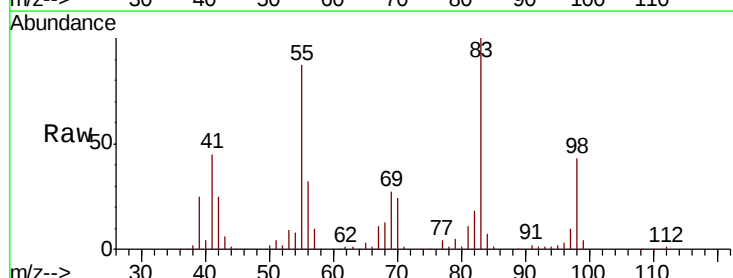
Manual Integrations
APPROVED

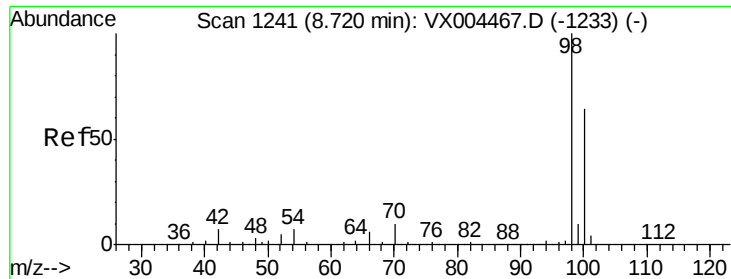
MMDadoda
9/13/2018 10:58:44 AM



#39
Methylcyclohexane
Concen: 20.13 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	71178		
55	86.8	61.0	91.4	
98	42.7	39.6	59.4	





#50

Toluene-d8

Concen: 52.79 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)

Tot Ion: 98 Resp: 452196

Ion Ratio Lower Upper

98 100

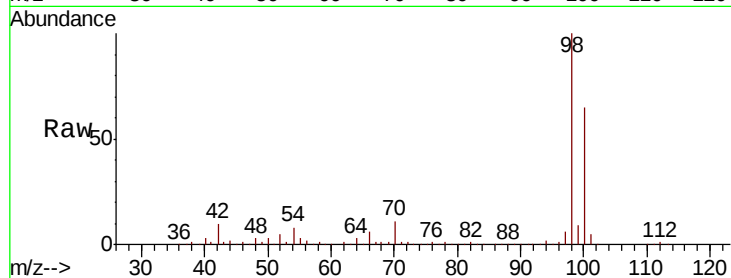
100 63.1 52.9 79.3

Manual Integrations

APPROVED

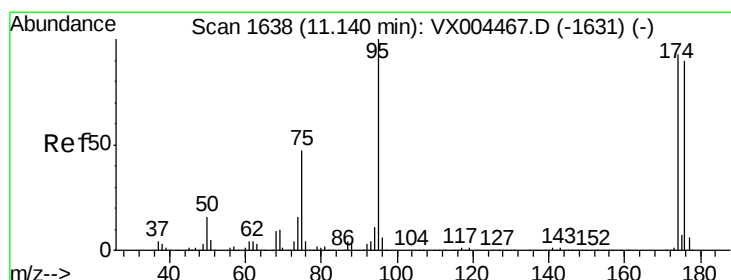
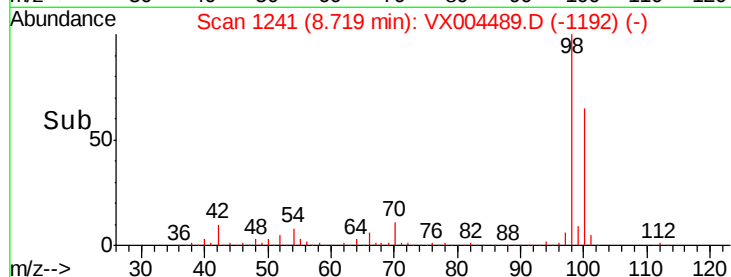
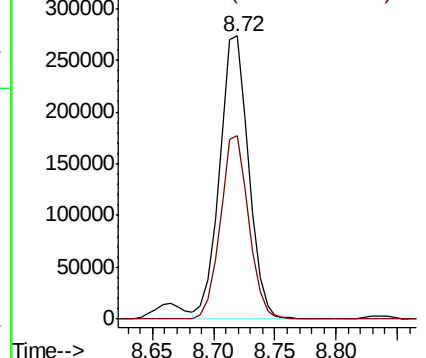
MMDadoda

9/13/2018 10:58:44 AM



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 174.72 ug/l

RT: 11.12 min Scan# 1635

Delta R.T. -0.02 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

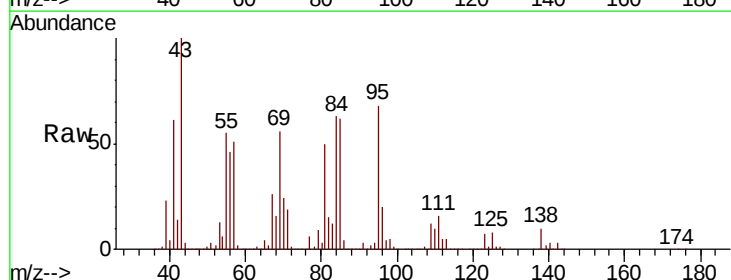
Tgt Ion: 95 Resp: 534214

Ion Ratio Lower Upper

95 100

174 0.0 0.0 185.2

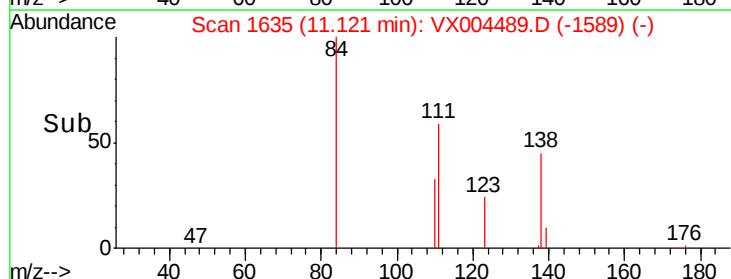
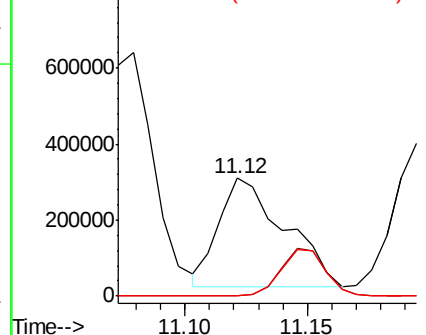
176 0.0 0.0 178.6

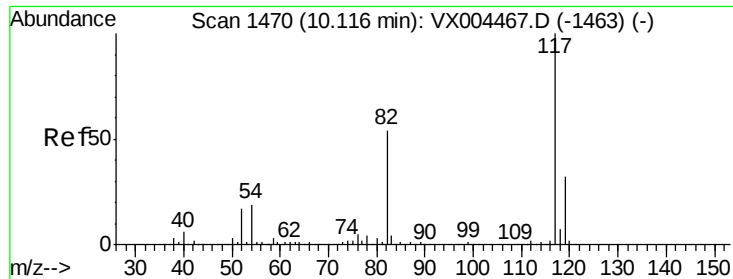


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





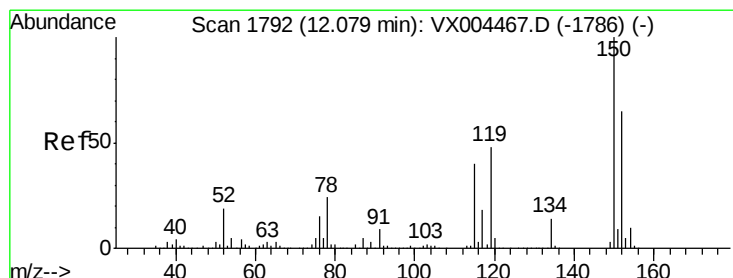
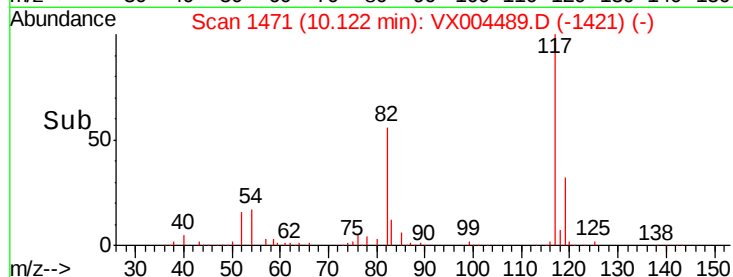
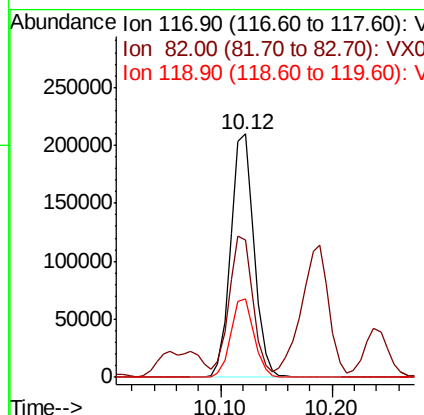
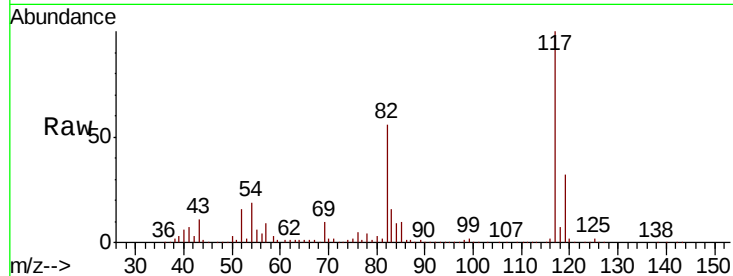
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	47.8	71.6
119	32.2	29.3	43.9

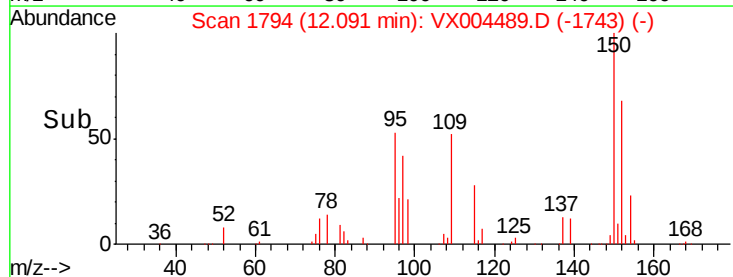
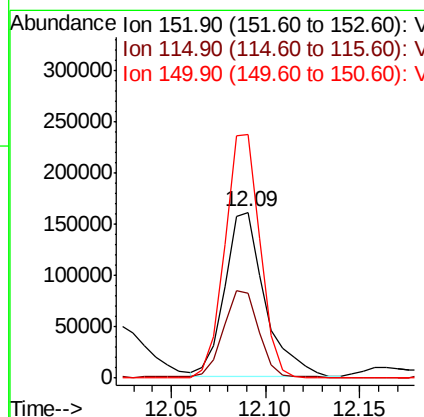
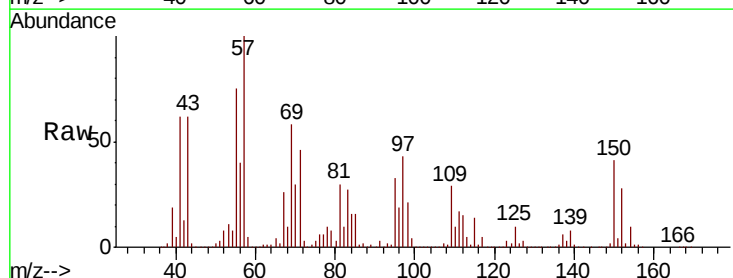
Manual Integrations
APPROVED

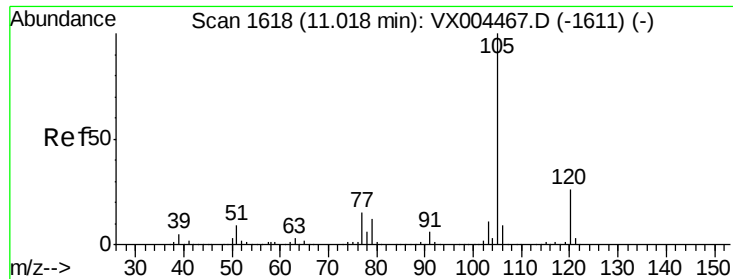
MMDadoda
9/13/2018 10:58:44 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1794
Delta R.T. 0.01 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.0	39.0	117.0
150	131.4	0.0	351.0





#73

Isopropylbenzene

Concen: 116.35 ug/l

RT: 11.03 min Scan# 1620

Delta R.T. 0.01 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)

Tot Ion:105 Resp: 1795801

Ion Ratio Lower Upper

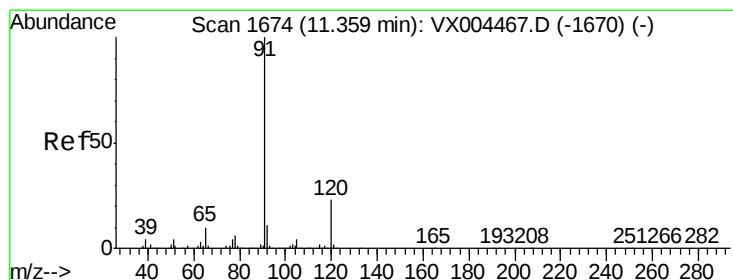
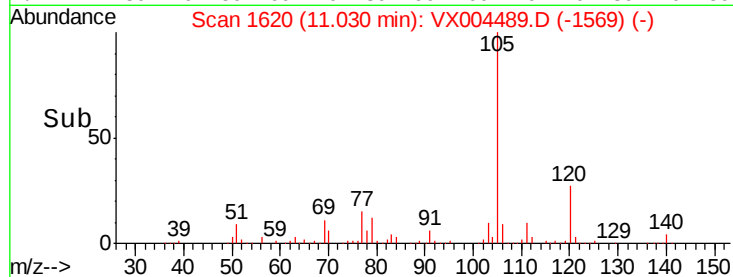
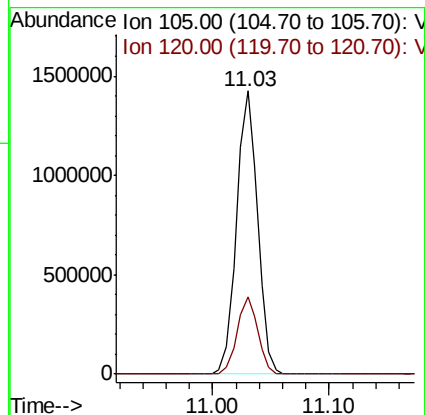
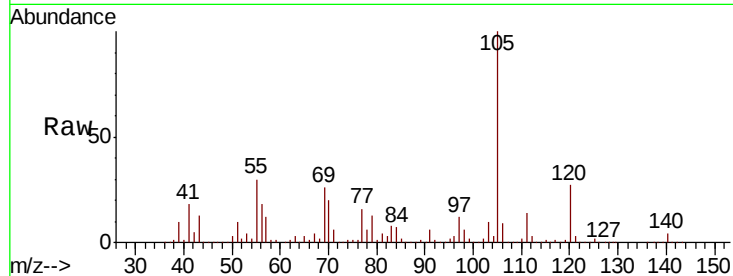
105 100

120 26.9 13.5 40.4

Manual Integrations
APPROVED

MMDadoda

9/13/2018 10:58:44 AM



#78

n-propylbenzene

Concen: 308.83 ug/l

RT: 11.37 min Scan# 1676

Delta R.T. 0.01 min

Lab File: VX004489.D

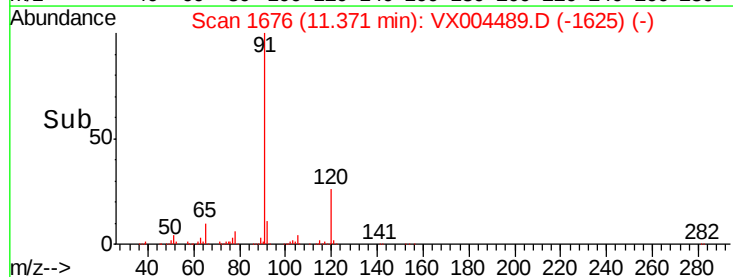
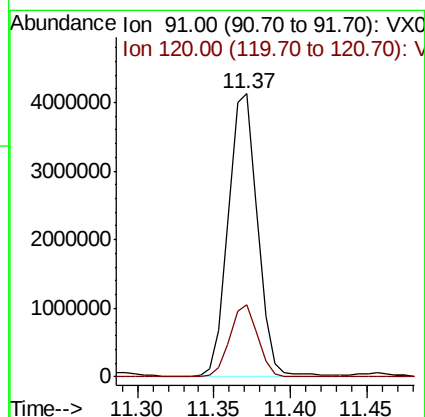
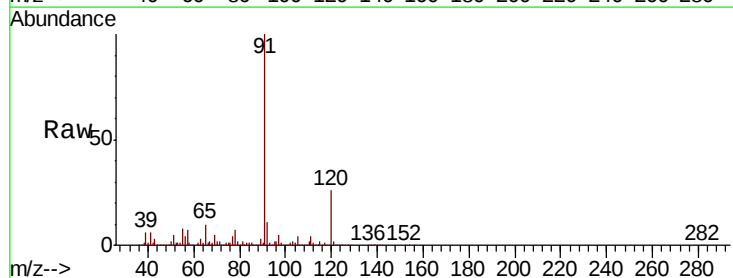
Acq: 12 Sep 2018 12:46

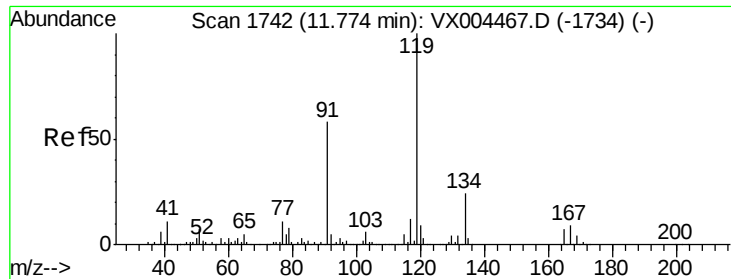
Tgt Ion: 91 Resp: 5480673

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.9





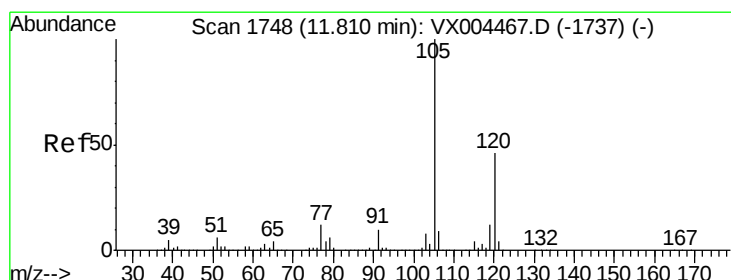
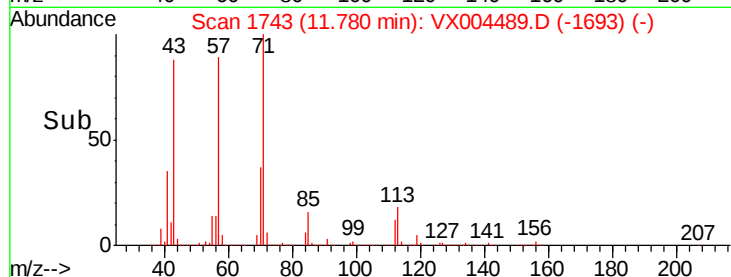
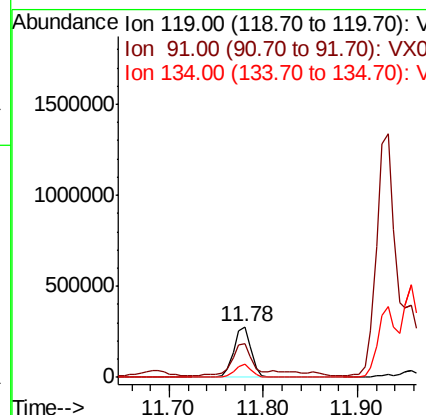
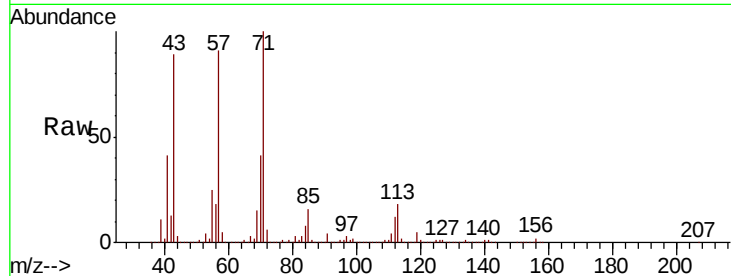
#83
tert-Butylbenzene
Concen: 28.42 ug/l
RT: 11.78 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Instrument :
MSVOA_X
ClientSampleId :
EP1-MW-A(8-12)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	351049		
91	80.1	27.0	81.0	
134	24.6	11.7	35.1	

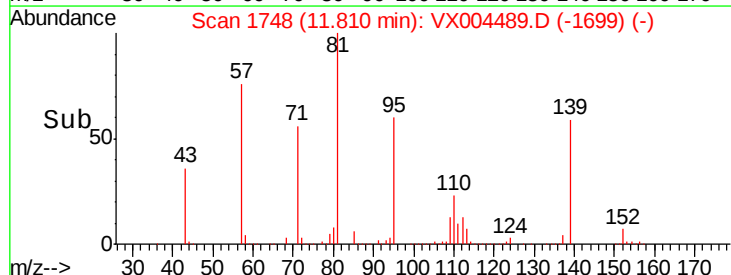
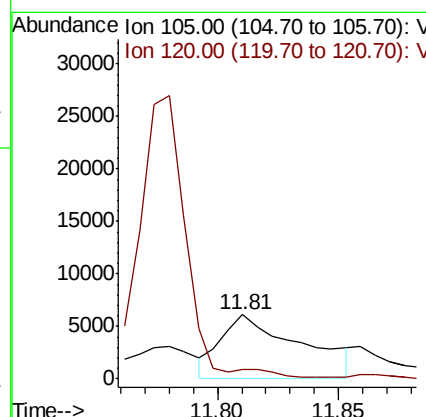
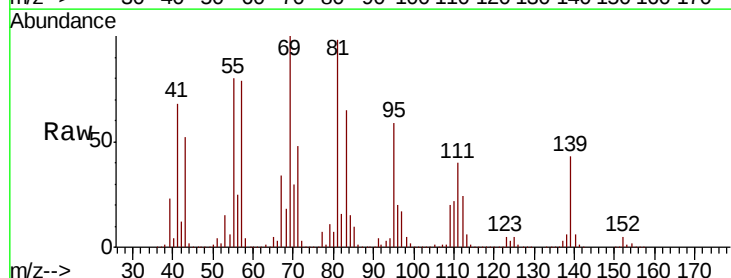
Manual Integrations
APPROVED

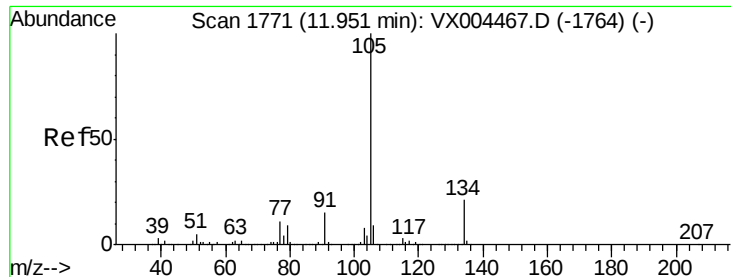
MMDadoda
9/13/2018 10:58:44 AM



#84
1,2,4-Trimethylbenzene
Concen: 1.06 ug/l m
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004489.D
Acq: 12 Sep 2018 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	14085		
120	45.6	23.2	69.6	





#85

sec-Butylbenzene

Concen: 180.93 ug/l

RT: 11.96 min Scan# 1772

Delta R.T. 0.01 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

Instrument :

MSVOA_X

ClientSampleId :

EP1-MW-A(8-12)

Tot Ion:105 Resp: 2848172

Ion Ratio Lower Upper

105 100

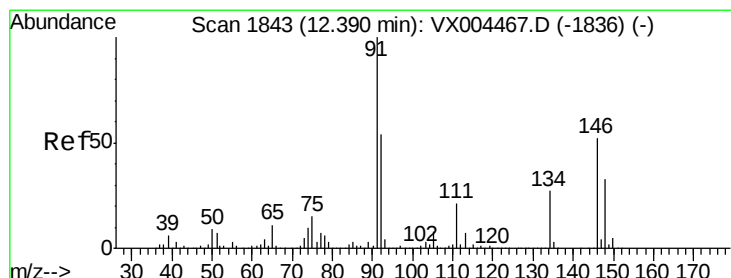
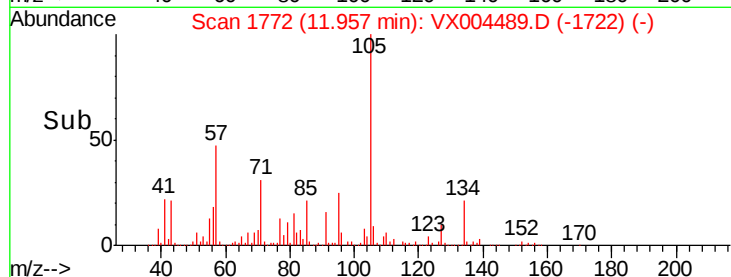
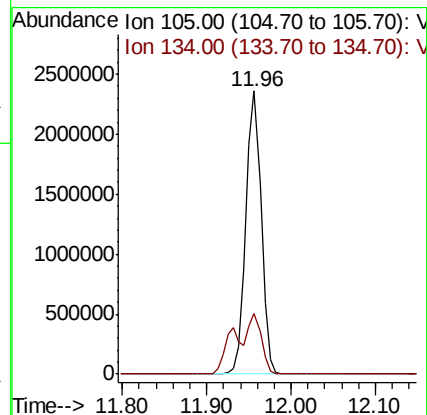
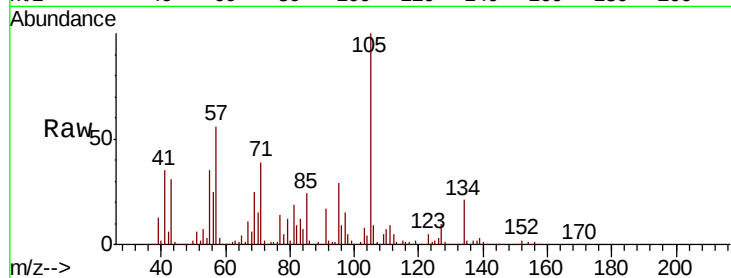
134 18.4 10.5 31.5

Manual Integrations

APPROVED

MMDadoda

9/13/2018 10:58:44 AM



#89

n-Butylbenzene

Concen: 151.08 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX004489.D

Acq: 12 Sep 2018 12:46

Tgt Ion: 91 Resp: 1913747

Ion Ratio Lower Upper

91 100

92 47.8 27.3 81.9

134 35.7 13.6 40.7

