

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
 Data File : VX006276.D
 Acq On : 04 Dec 2018 14:15
 Operator : JC/MD
 Sample : J6141-01 200X
 Misc : 1.00g/10mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GD

Manual Integrations
 APPROVED

MMDadoda
 12/5/2018 10:11:39 AM

Quant Time: Dec 05 09:31:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	884184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1345212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1219064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	591782	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	435389	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
35) Dibromofluoromethane	5.50	113	423605	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.28%	
50) Toluene-d8	8.71	98	1556714	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	575989	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.58	56	538437	41.292	ug/l	99
39) Methylcyclohexane	7.46	83	688864	46.848	ug/l	100
40) Benzene	6.15	78	859267	25.326	ug/l	98
52) Toluene	8.79	92	3403403	152.472	ug/l	98
67) Ethyl Benzene	10.25	91	1521827	35.358	ug/l	99
68) m/p-Xylenes	10.36	106	1981928	114.956	ug/l	100
69) o-Xylene	10.70	106	752996	44.217	ug/l	99
73) Isopropylbenzene	11.02	105	130566	3.195	ug/l	99
78) n-propylbenzene	11.36	91	492914	10.850	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	517624	15.223	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1826054	52.008	ug/l	100
85) sec-Butylbenzene	11.94	105	52831m	1.280	ug/l	
86) p-Isopropyltoluene	12.07	119	28910	0.778	ug/l	97
89) n-Butylbenzene	12.38	91	152287	4.802	ug/l #	33
95) Naphthalene	13.83	128	223064	4.908	ug/l	99

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

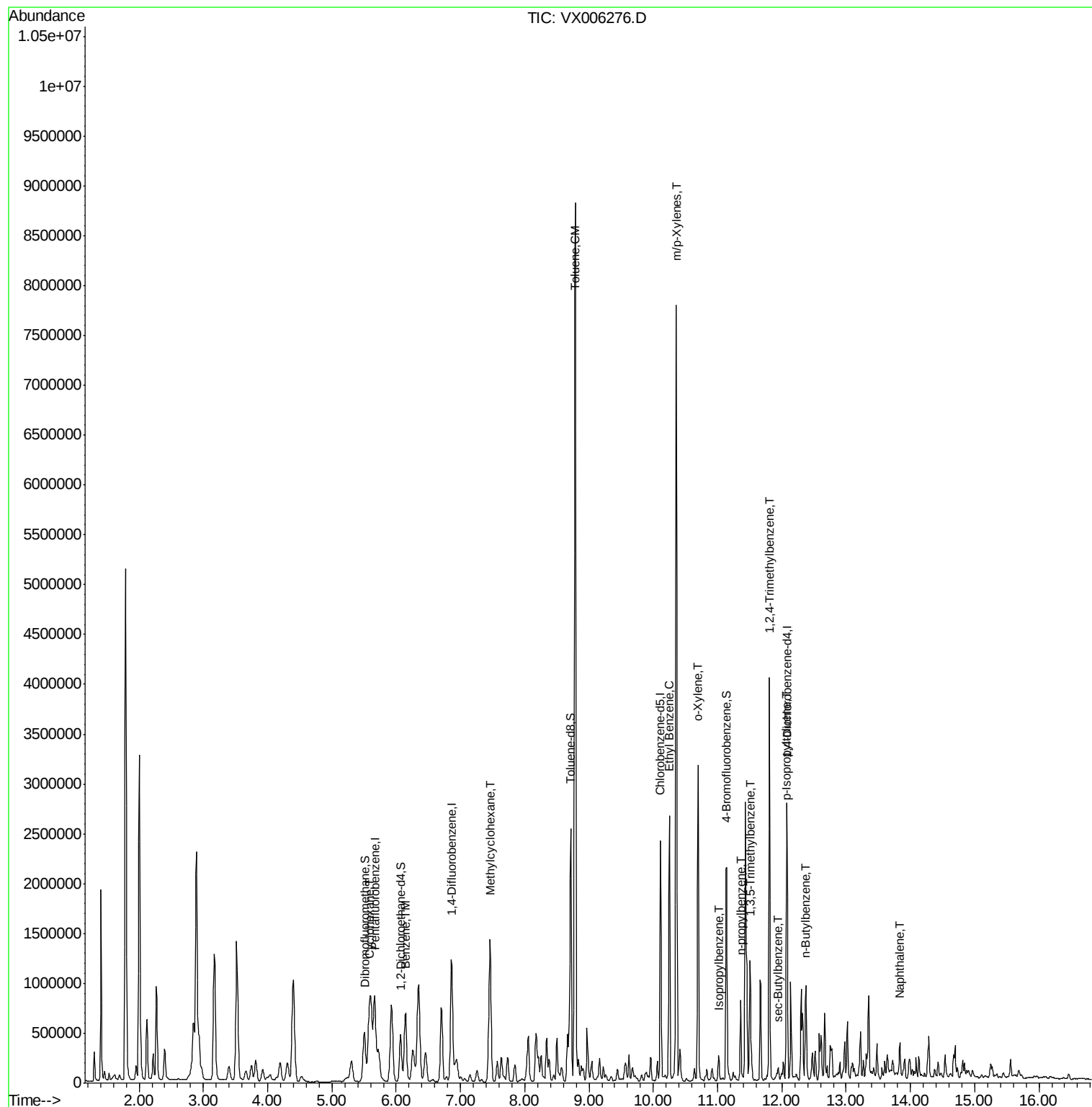
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX120418\
Data File : VX006276.D
Acq On : 04 Dec 2018 14:15
Operator : JC/MD
Sample : J6141-01 200X
Misc : 1.00g/10mL/100ul/5.00ml/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

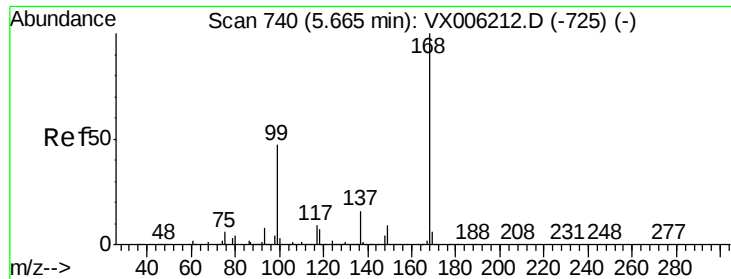
Instrument :
MSVOA_X
ClientSampleId :
GD

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:39 AM

Quant Time: Dec 05 09:31:51 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

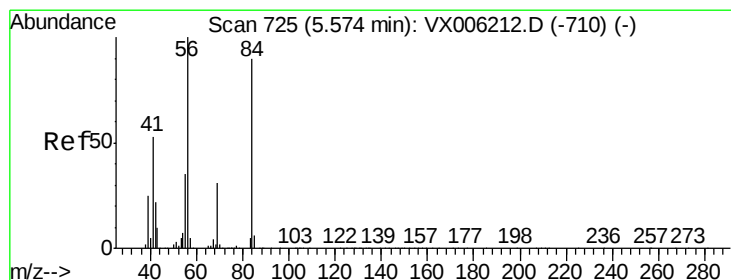
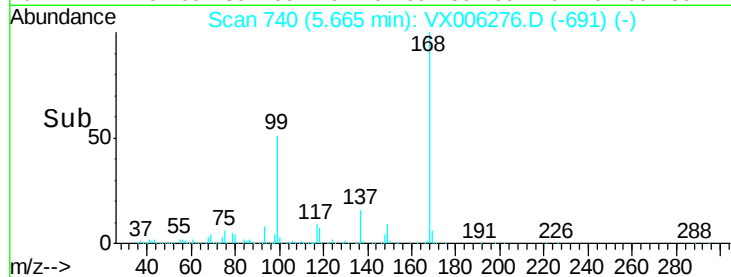
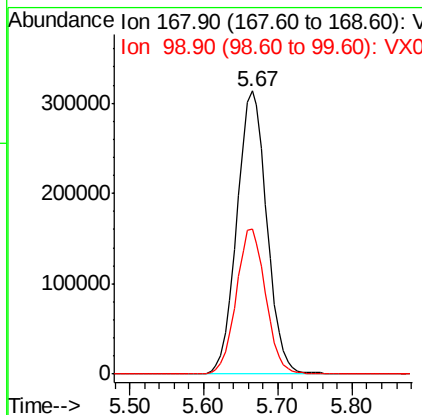
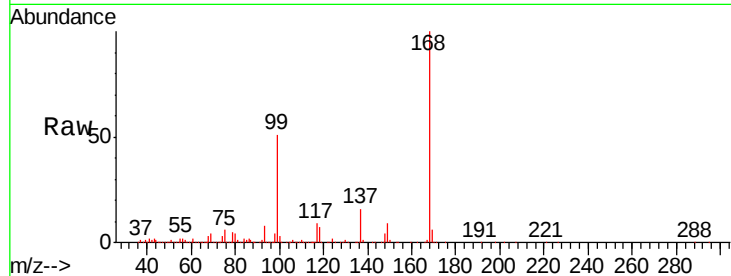
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	884184		
99	51.1	37.8	56.8	

Manual Integrations
APPROVED

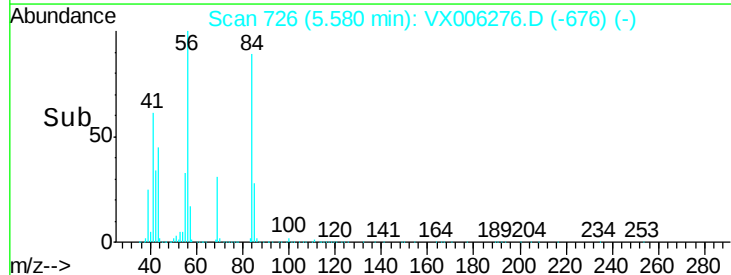
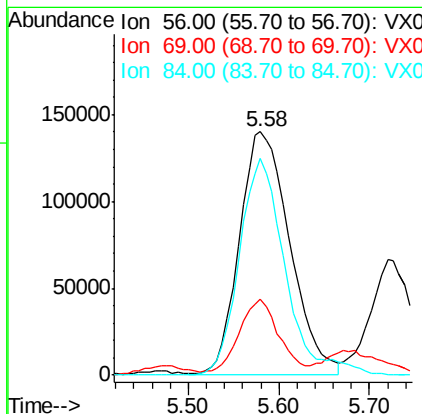
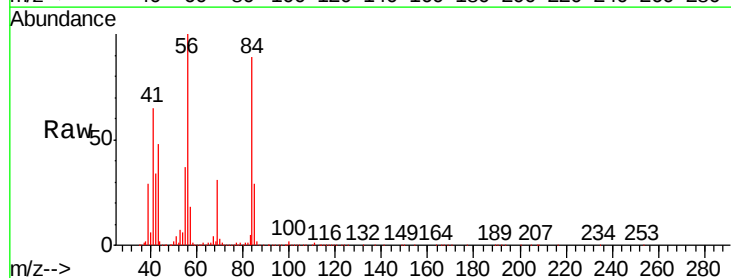
MMDadoda
12/5/2018 10:11:39 AM

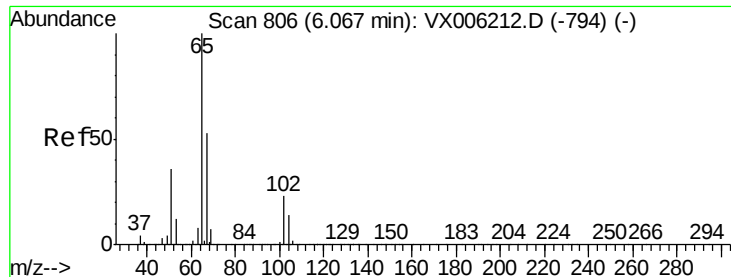


#31

Cyclohexane
Concen: 41.292 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	538437		
69	29.1	24.5	36.7	
84	89.2	71.8	107.6	





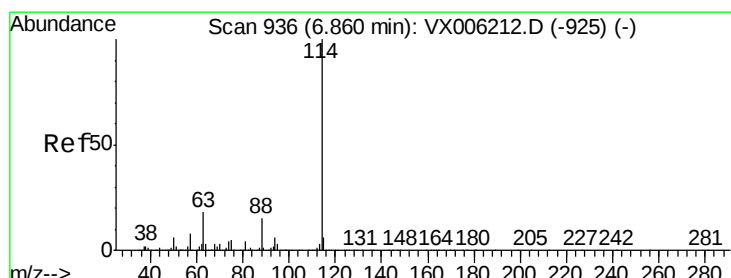
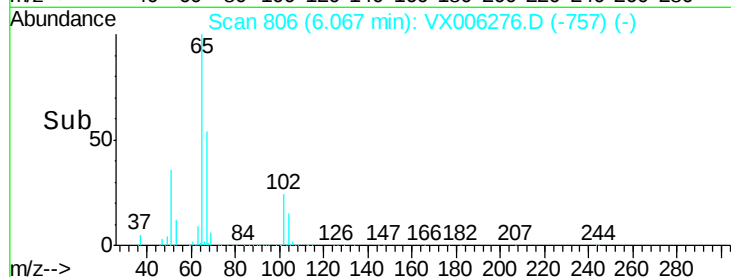
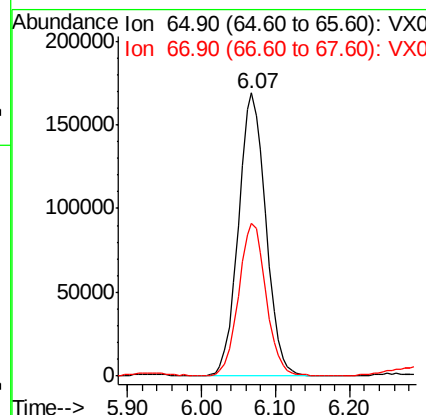
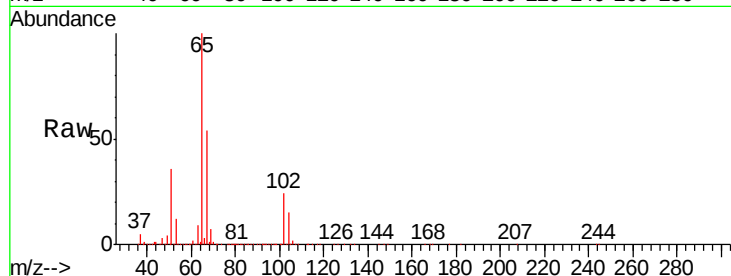
#33
 1,2-Dichloroethane-d4
 Concen: 48.237 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	435389		
67	53.7	0.0	107.2	

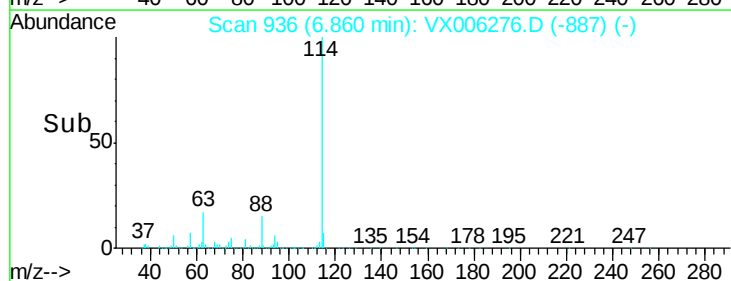
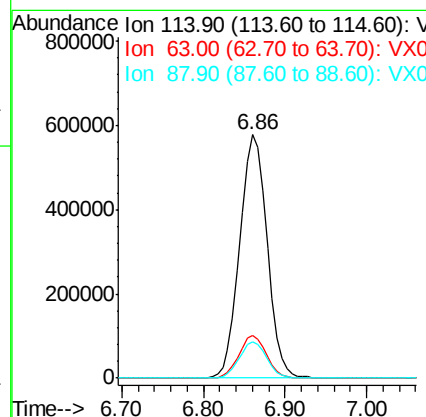
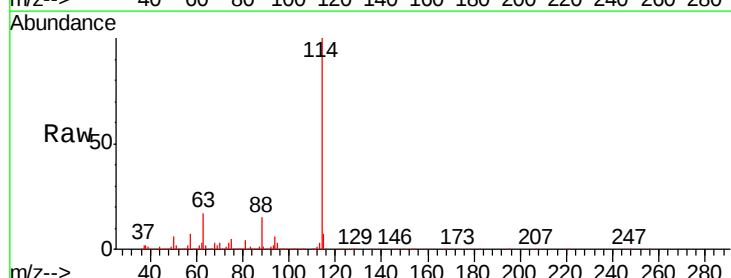
Manual Integrations
 APPROVED

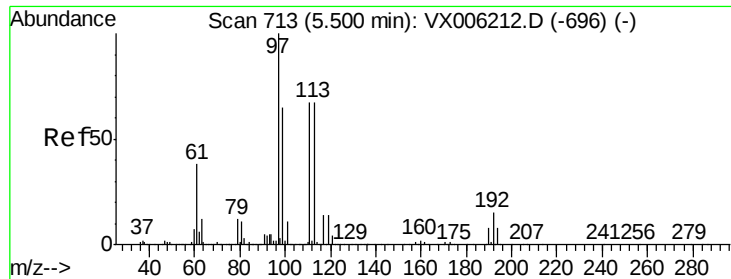
MMDadoda
 12/5/2018 10:11:39 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1345212		
63	17.3	0.0	36.6	
88	15.0	0.0	29.0	





#35

Dibromofluoromethane

Concen: 48.636 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006276.D

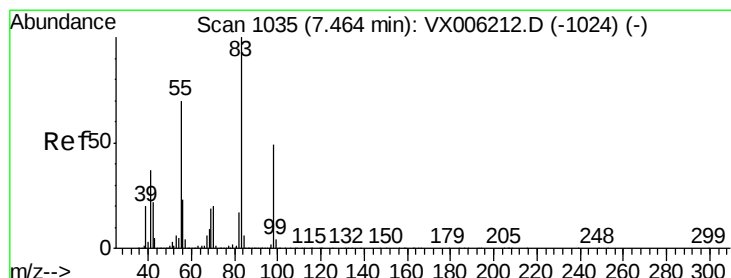
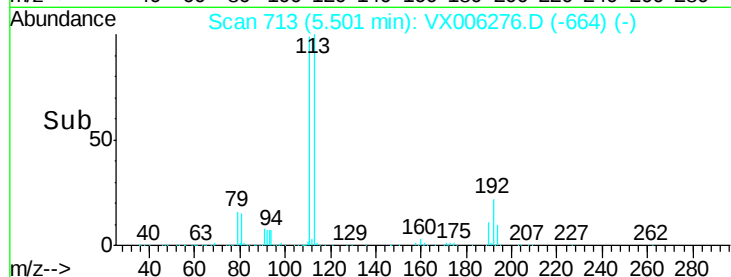
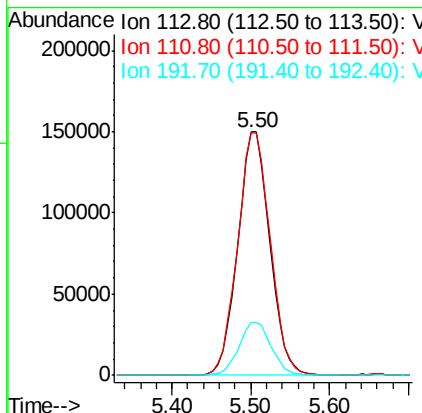
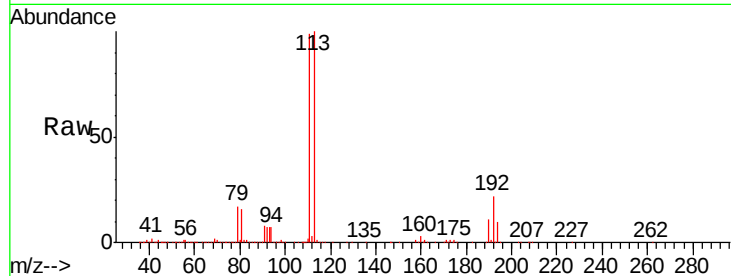
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tgt Ion:	113	Resp:	423605
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.1	121.7
192	22.0	18.2	27.2

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:39 AM



#39

Methylcyclohexane

Concen: 46.848 ug/l

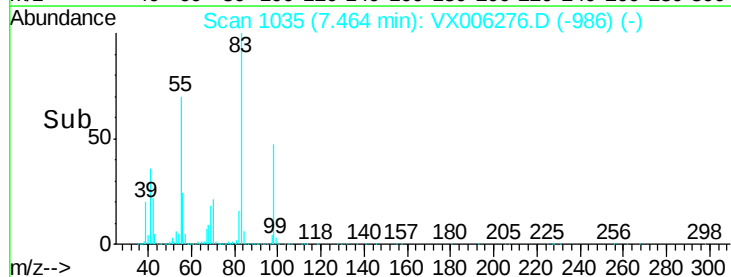
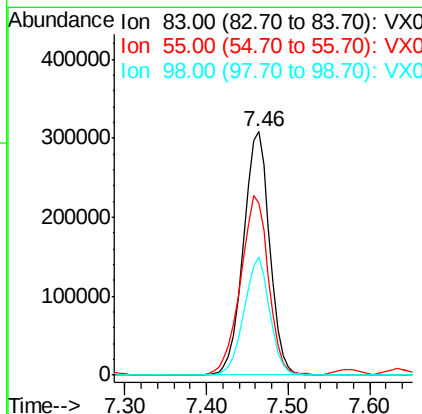
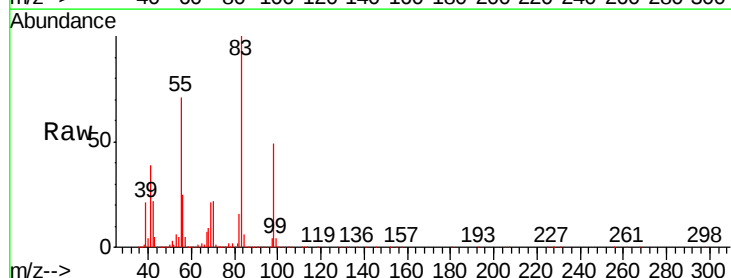
RT: 7.46 min Scan# 1035

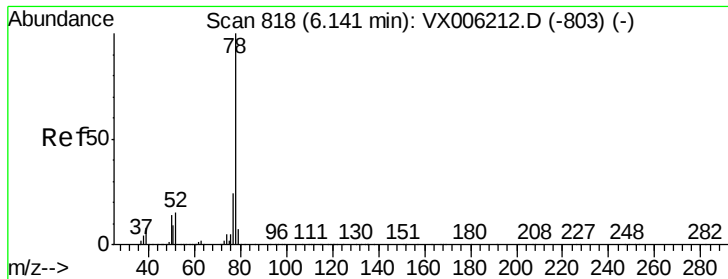
Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Tgt Ion:	83	Resp:	688864
Ion Ratio	Lower	Upper	
83	100		
55	70.7	56.4	84.6
98	48.6	39.0	58.6





#40

Benzene

Concen: 25.326 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampled :

GD

Tgt Ion: 78 Resp: 859267

Ion Ratio Lower Upper

78 100

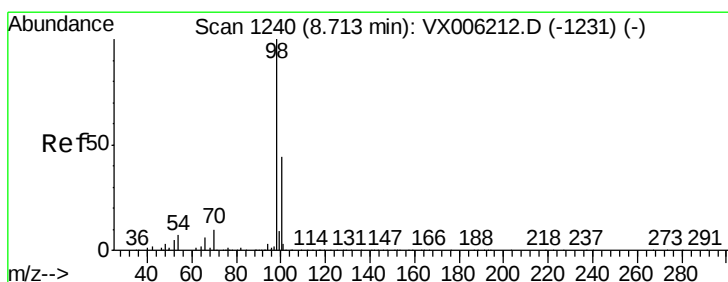
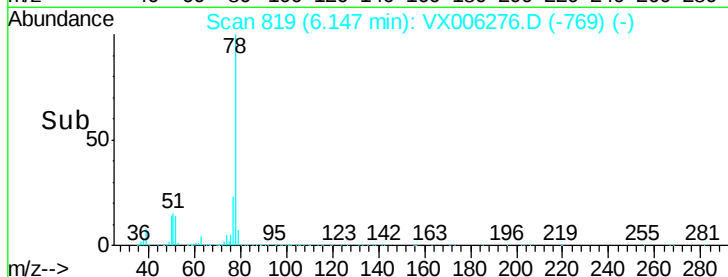
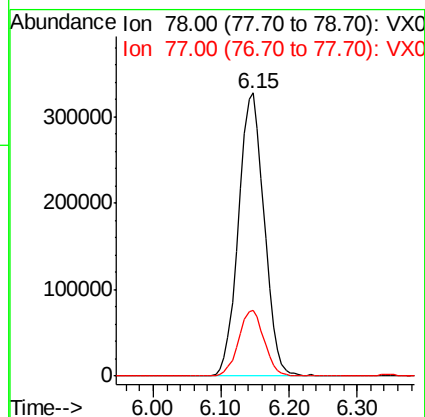
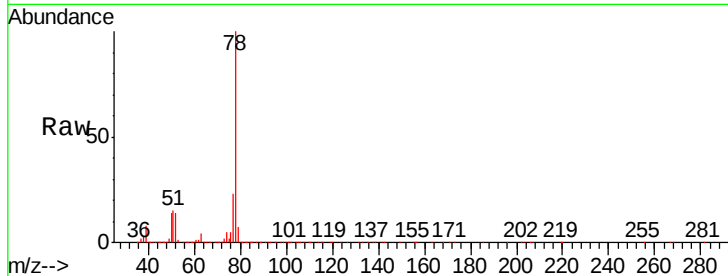
77 23.0 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

12/5/2018 10:11:39 AM



#50

Toluene-d8

Concen: 49.137 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006276.D

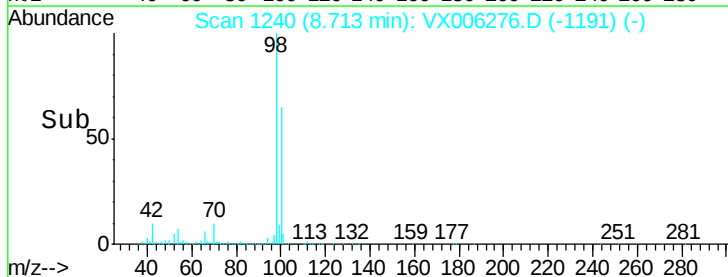
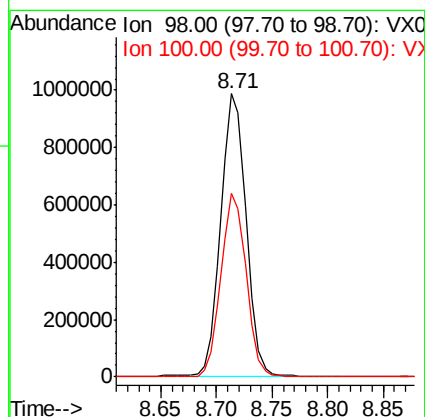
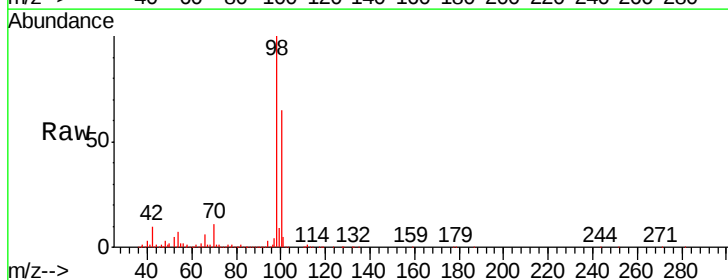
Acq: 04 Dec 2018 14:15

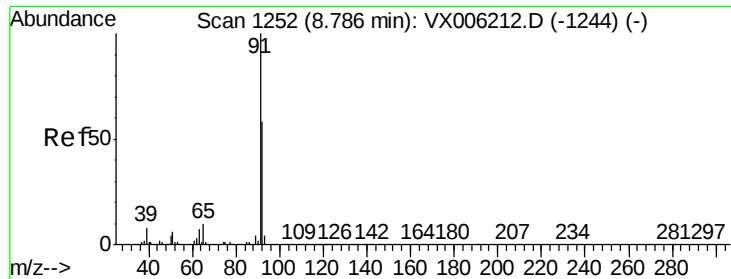
Tgt Ion: 98 Resp: 1556714

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2





#52

Toluene

Concen: 152.472 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

ClientSampleId :

GD

Tgt Ion: 92 Resp: 3403403

Ion Ratio Lower Upper

92 100

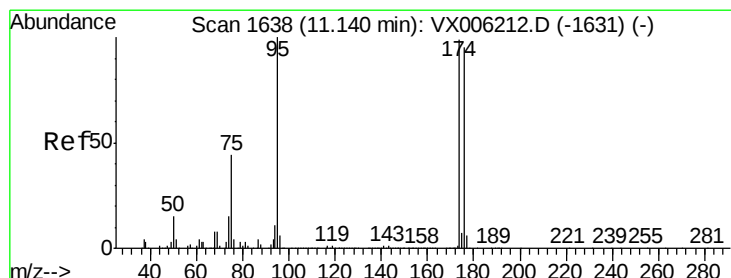
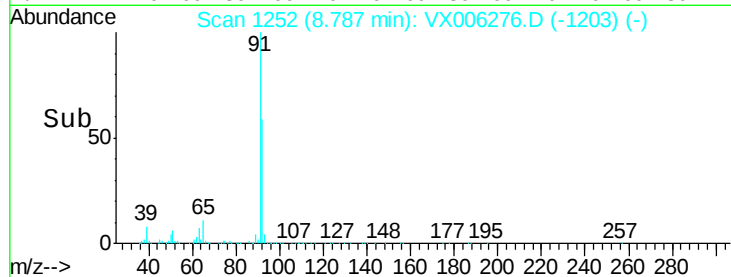
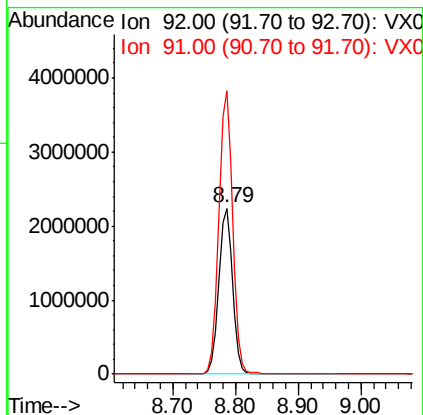
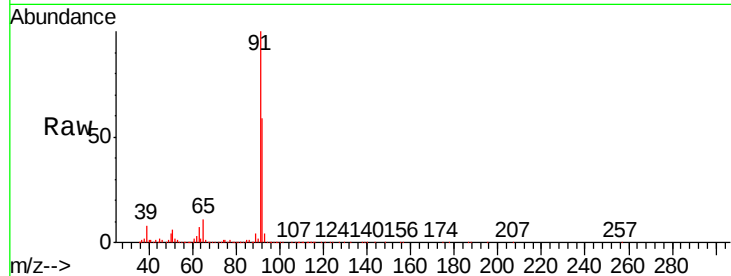
91 171.3 139.2 208.8

Manual Integrations

APPROVED

MMDadoda

12/5/2018 10:11:39 AM



#62

4-Bromofluorobenzene

Concen: 48.247 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

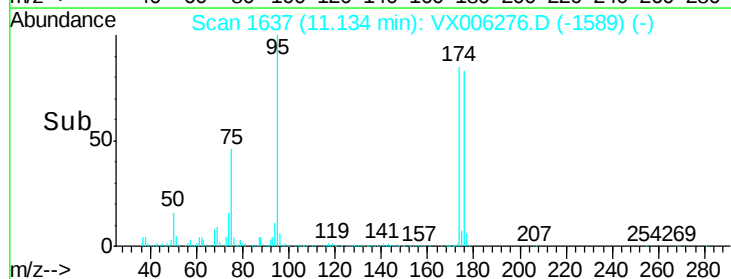
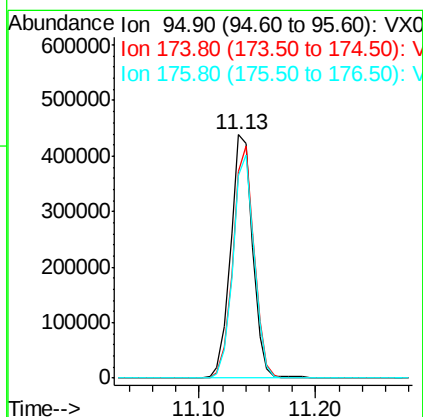
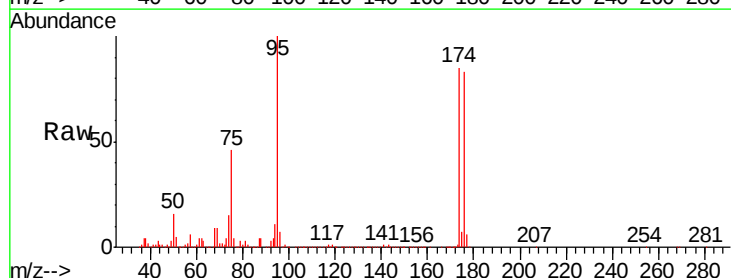
Tgt Ion: 95 Resp: 575989

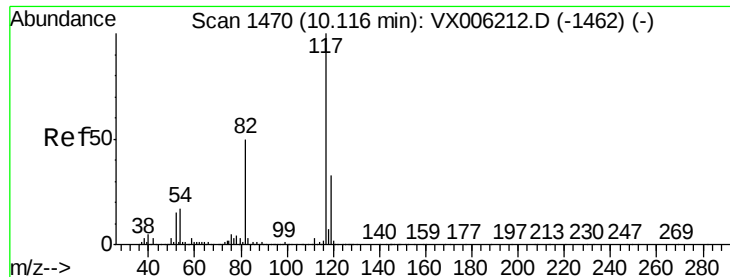
Ion Ratio Lower Upper

95 100

174 91.7 0.0 187.0

176 88.7 0.0 181.8





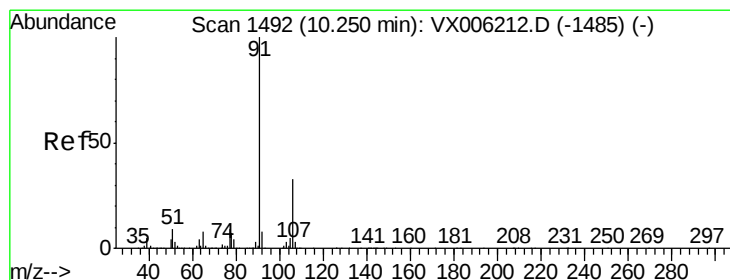
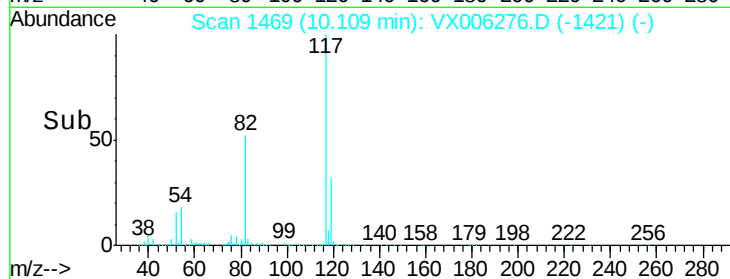
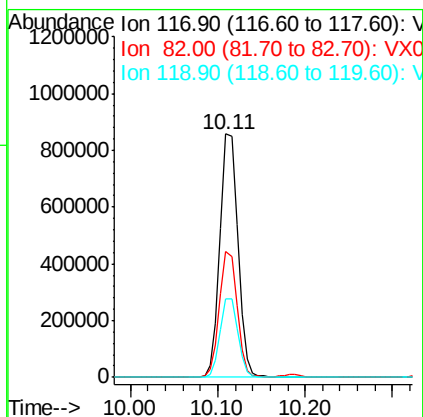
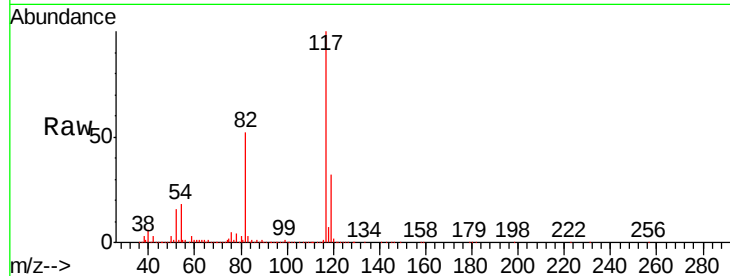
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampled :
GD

Tgt Ion:117 Resp: 1219064
Ion Ratio Lower Upper
117 100
82 51.8 39.6 59.4
119 32.0 26.3 39.5

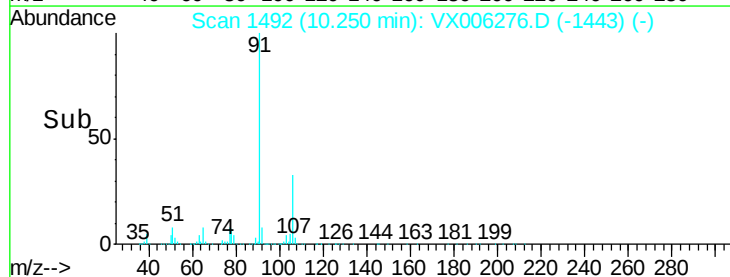
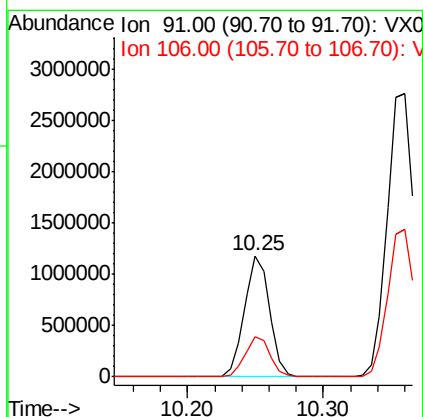
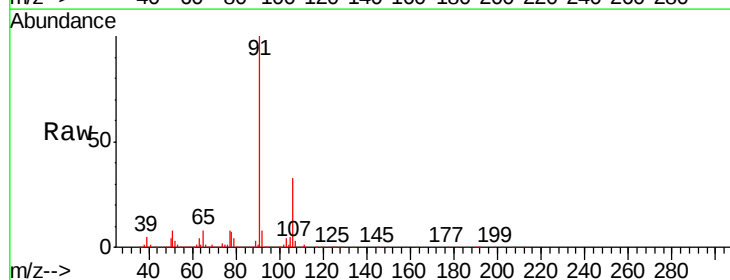
Manual Integrations
APPROVED

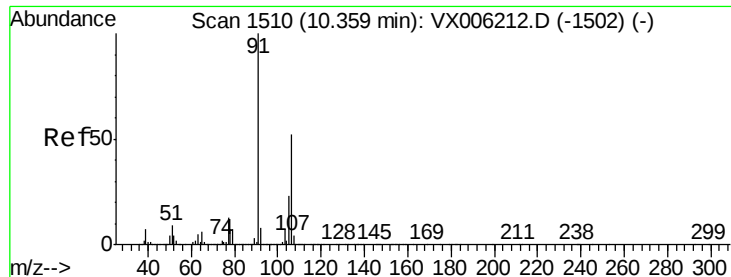
MMDadoda
12/5/2018 10:11:39 AM



#67
Ethyl Benzene
Concen: 35.358 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 91 Resp: 1521827
Ion Ratio Lower Upper
91 100
106 32.7 26.5 39.7





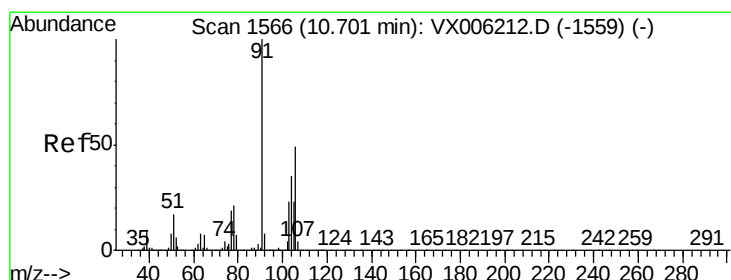
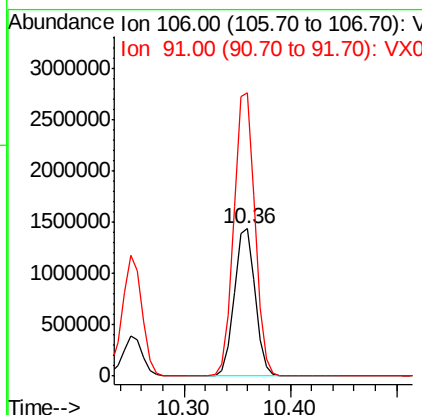
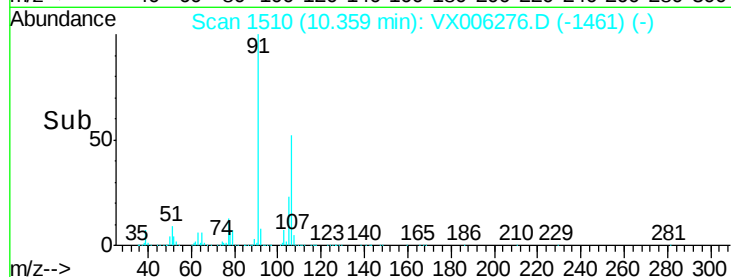
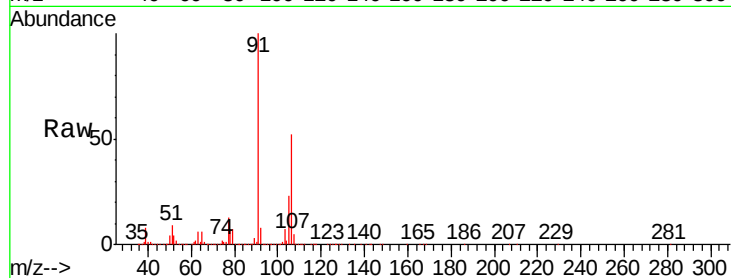
#68
m/p-Xylenes
Concen: 114.956 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tgt Ion:106 Resp: 1981928
Ion Ratio Lower Upper
106 100
91 193.7 155.2 232.8

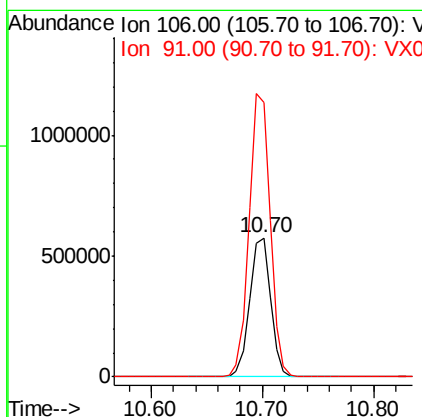
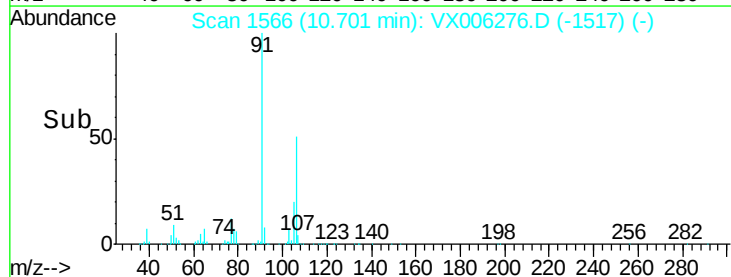
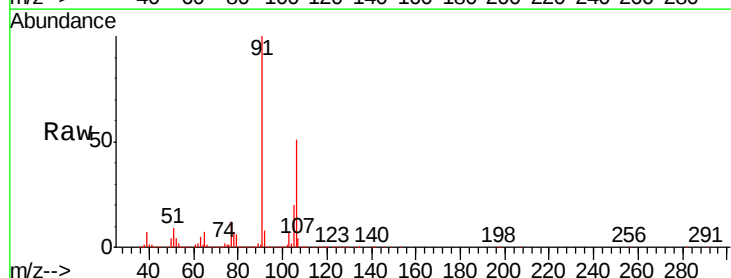
Manual Integrations
APPROVED

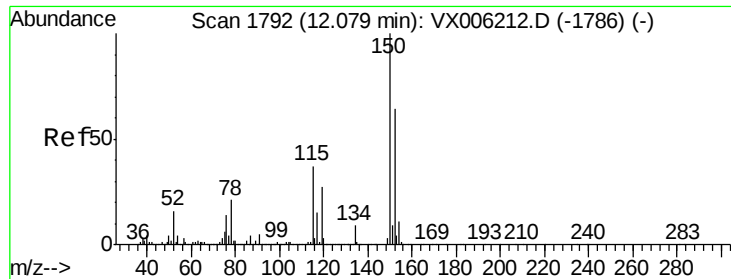
MMDadoda
12/5/2018 10:11:39 AM



#69
o-Xylene
Concen: 44.217 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion:106 Resp: 752996
Ion Ratio Lower Upper
106 100
91 204.7 101.8 305.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Instrument :

MSVOA_X

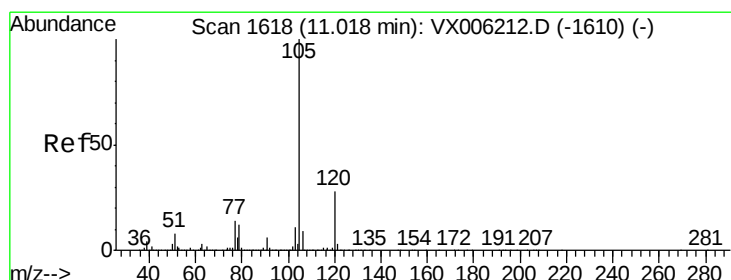
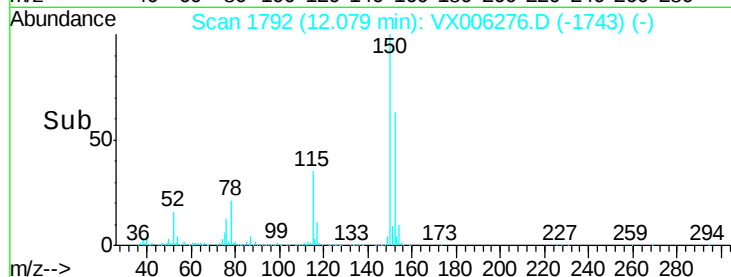
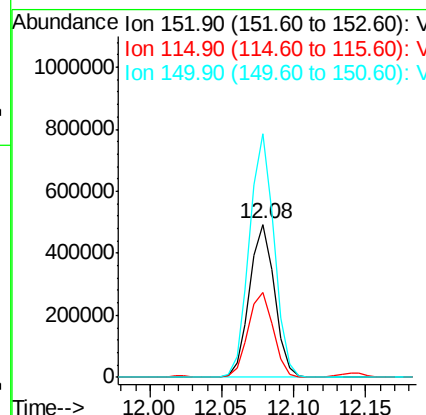
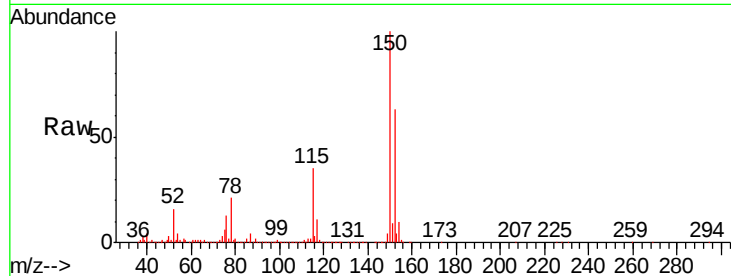
ClientSampled :

GD

Tgt	Ion	152	Resp:	591782
Ion	Ratio	Lower	Upper	
152	100			
115	56.1	39.0	116.9	
150	157.3	0.0	345.8	

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:39 AM



#73

Isopropylbenzene

Concen: 3.195 ug/l

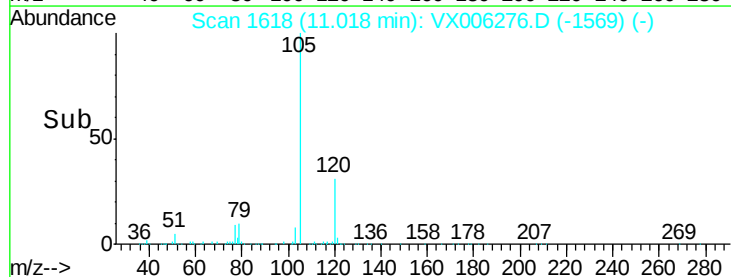
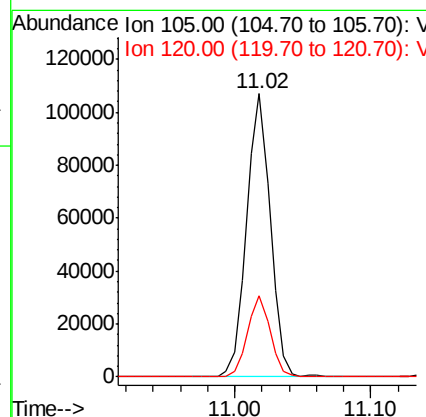
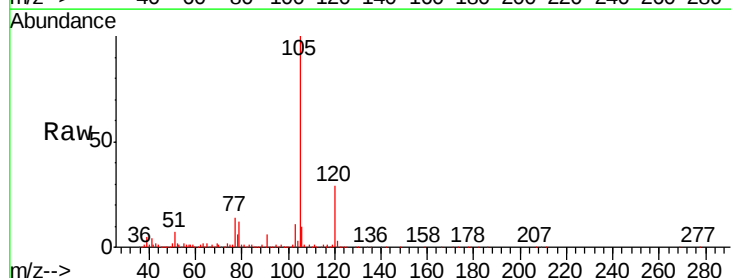
RT: 11.02 min Scan# 1618

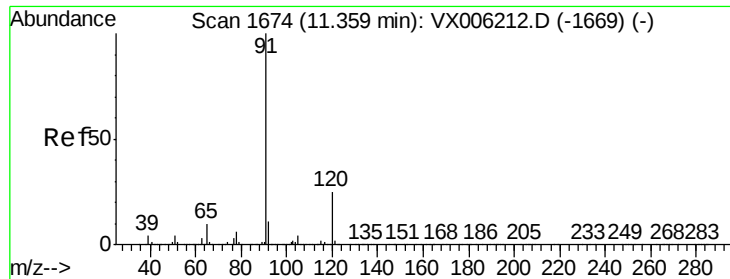
Delta R.T. 0.00 min

Lab File: VX006276.D

Acq: 04 Dec 2018 14:15

Tgt	Ion	105	Resp:	130566
Ion	Ratio	Lower	Upper	
105	100			
120	27.7	14.1	42.3	





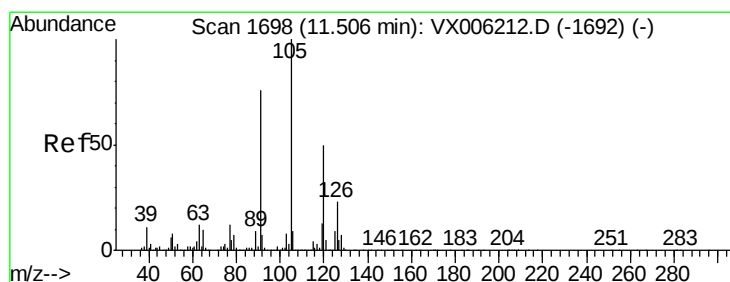
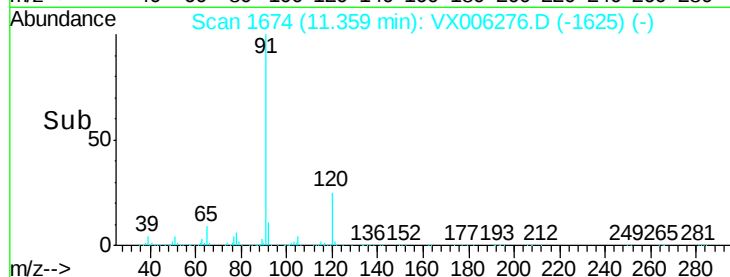
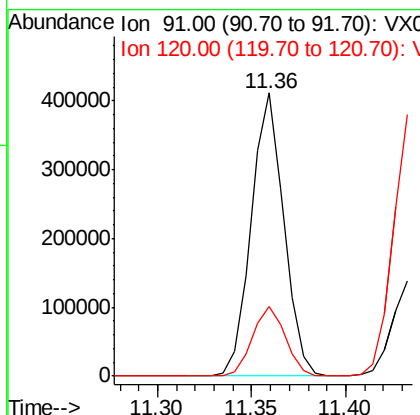
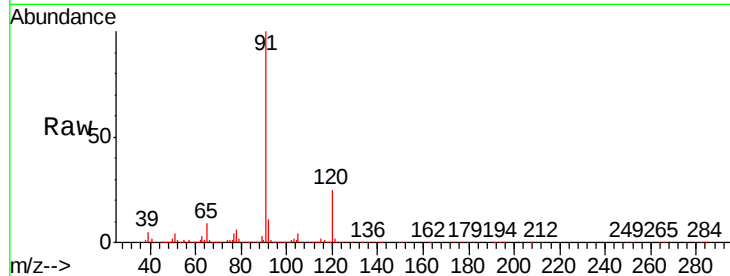
#78
n-propylbenzene
Concen: 10.850 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tgt Ion: 91 Resp: 492914
Ion Ratio Lower Upper
91 100
120 25.1 12.7 38.0

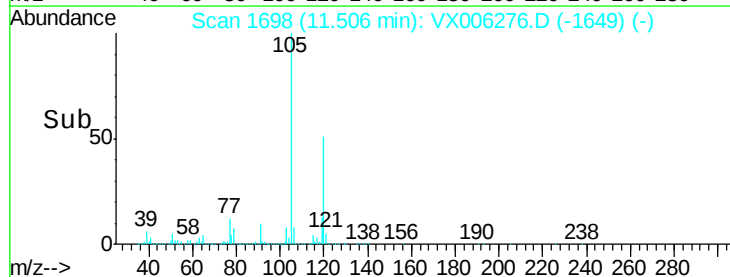
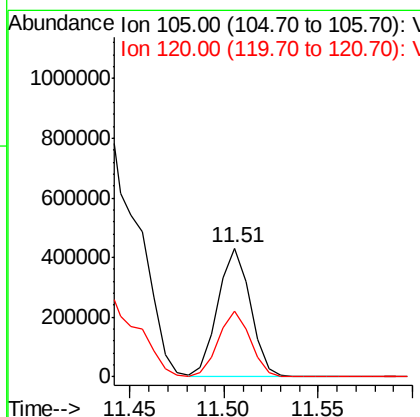
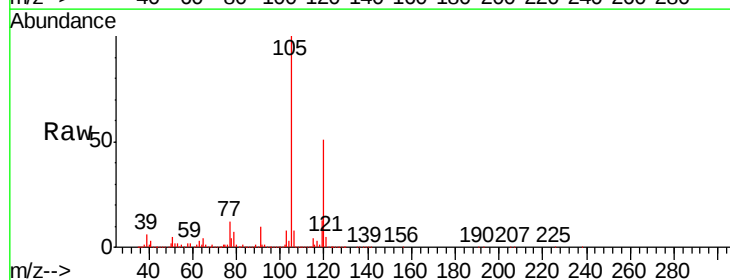
Manual Integrations
APPROVED

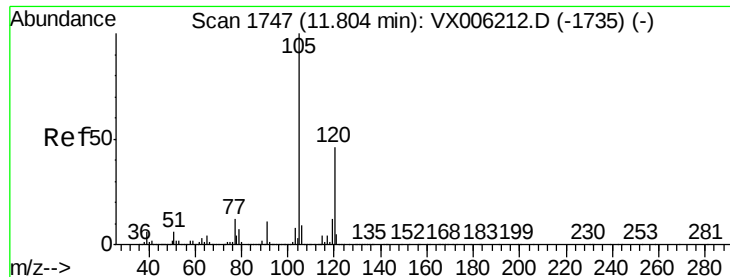
MMDadoda
12/5/2018 10:11:39 AM



#80
1,3,5-Trimethylbenzene
Concen: 15.223 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion: 105 Resp: 517624
Ion Ratio Lower Upper
105 100
120 50.6 25.4 76.0





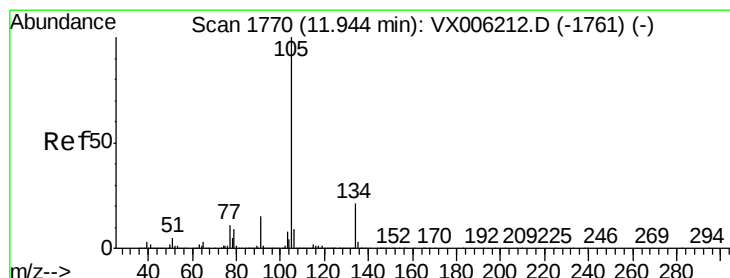
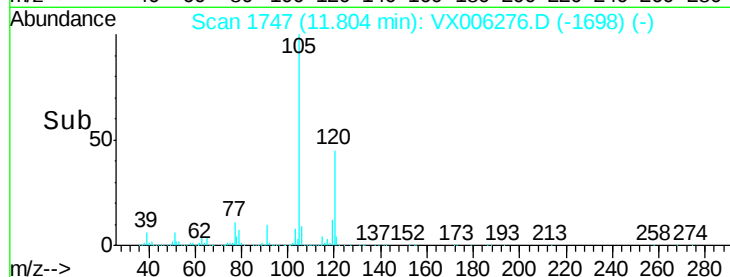
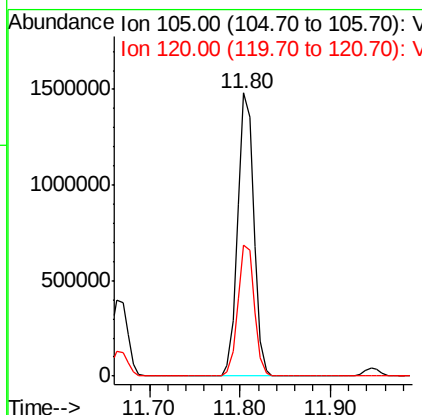
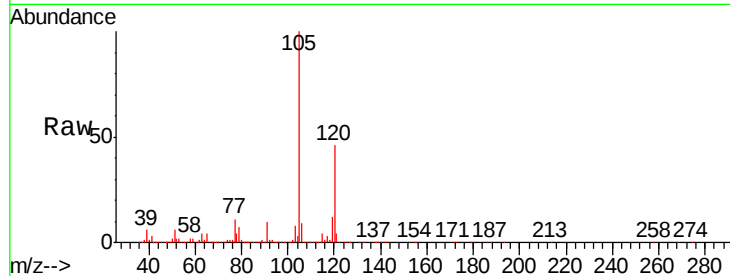
#84
 1,2,4-Trimethylbenzene
 Concen: 52.008 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 GD

Tgt Ion:105 Resp: 1826054
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.0

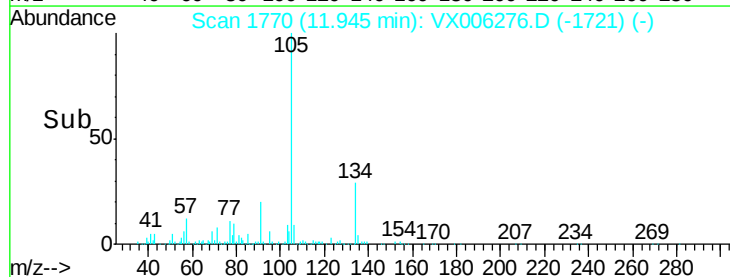
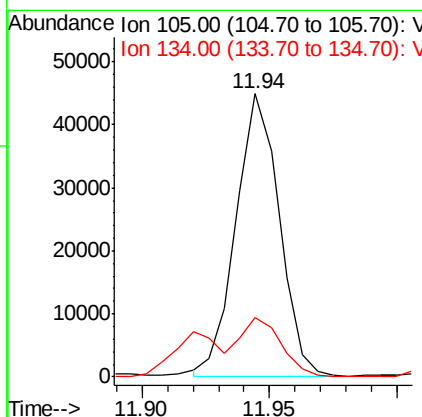
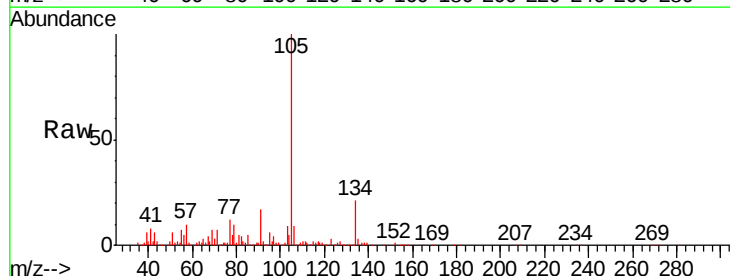
Manual Integrations
 APPROVED

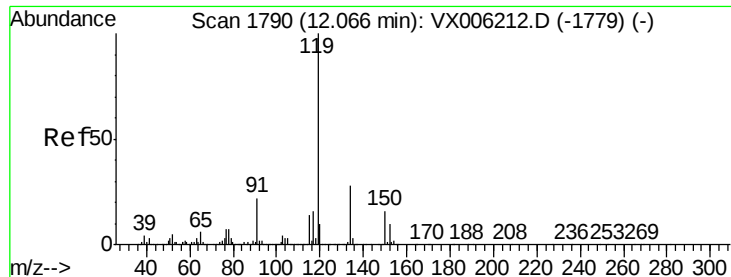
MMDadoda
 12/5/2018 10:11:39 AM



#85
 sec-Butylbenzene
 Concen: 1.280 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX006276.D
 Acq: 04 Dec 2018 14:15

Tgt Ion:105 Resp: 52831
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#





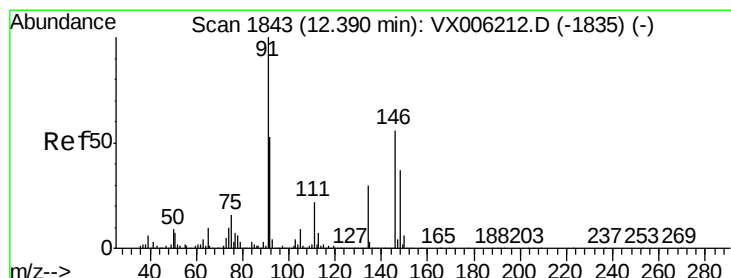
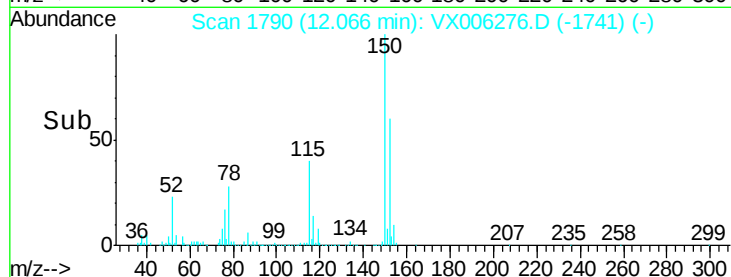
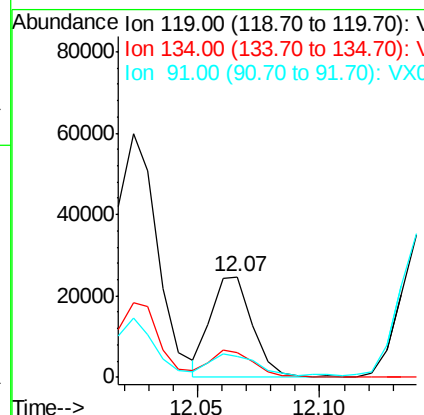
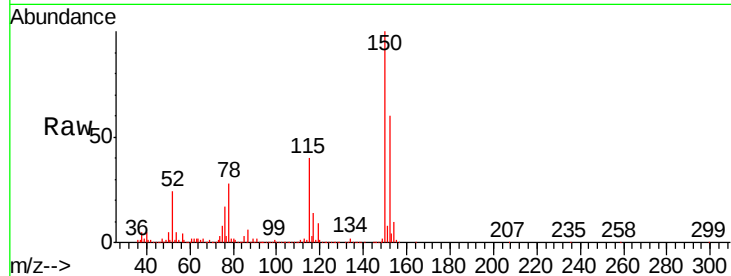
#86
p-Isopropyltoluene
Concen: 0.778 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampled :
GD

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	28910		
134	28.8	13.9	41.6	
91	24.4	11.3	33.8	

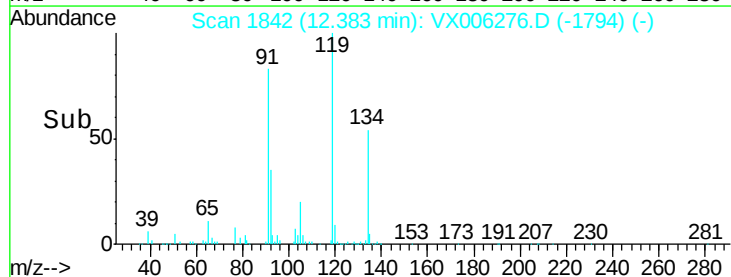
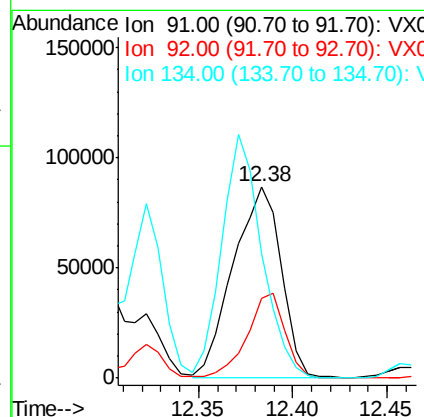
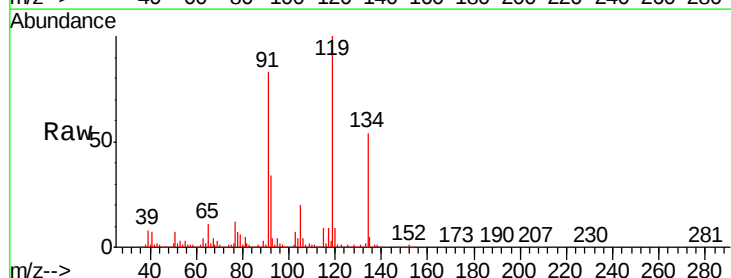
Manual Integrations
APPROVED

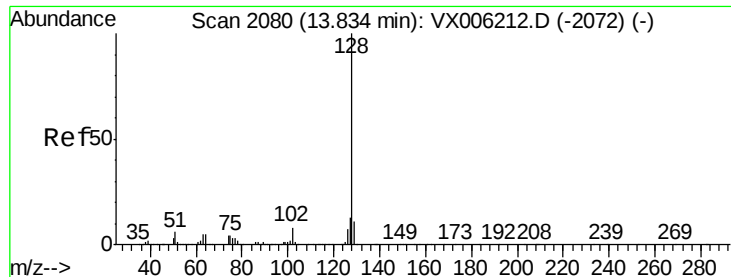
MMDadoda
12/5/2018 10:11:39 AM



#89
n-Butylbenzene
Concen: 4.802 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	152287		
92	35.0	26.6	79.8	
134	106.3	14.8	44.3	





#95
Naphthalene
Concen: 4.908 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006276.D
Acq: 04 Dec 2018 14:15

Instrument :
MSVOA_X
ClientSampleId :
GD

Tgt	Ion	128	Resp:	223064
Ion	Ratio	Lower	Upper	
128	100			
127	12.9	10.2	15.4	
129	12.1	8.9	13.3	

Manual Integrations
APPROVED

MMDadoda
12/5/2018 10:11:39 AM

