

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013462.D
 Acq On : 19 Nov 2019 14:01
 Operator : JC/SP
 Sample : K5929-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:17:54 AM

Quant Time: Nov 19 16:33:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	730863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1176966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1050495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	467341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	428308	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
35) Dibromofluoromethane	5.49	113	358046	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	8.71	98	1408042	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	467874	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	16254	3.764	ug/l	95
31) Cyclohexane	5.57	56	30349	2.564	ug/l	93
39) Methylcyclohexane	7.45	83	31742	2.523	ug/l #	86
40) Benzene	6.14	78	32018	1.018	ug/l	96
68) m/p-Xylenes	10.35	106	9328	0.672	ug/l	95
73) Isopropylbenzene	11.01	105	19651	0.634	ug/l	94
78) n-propylbenzene	11.35	91	20772	0.602	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	16050	0.622	ug/l	93
83) tert-Butylbenzene	11.76	119	5889m	0.227	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	65888	2.545	ug/l	98
85) sec-Butylbenzene	11.94	105	14618	0.490	ug/l	92

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

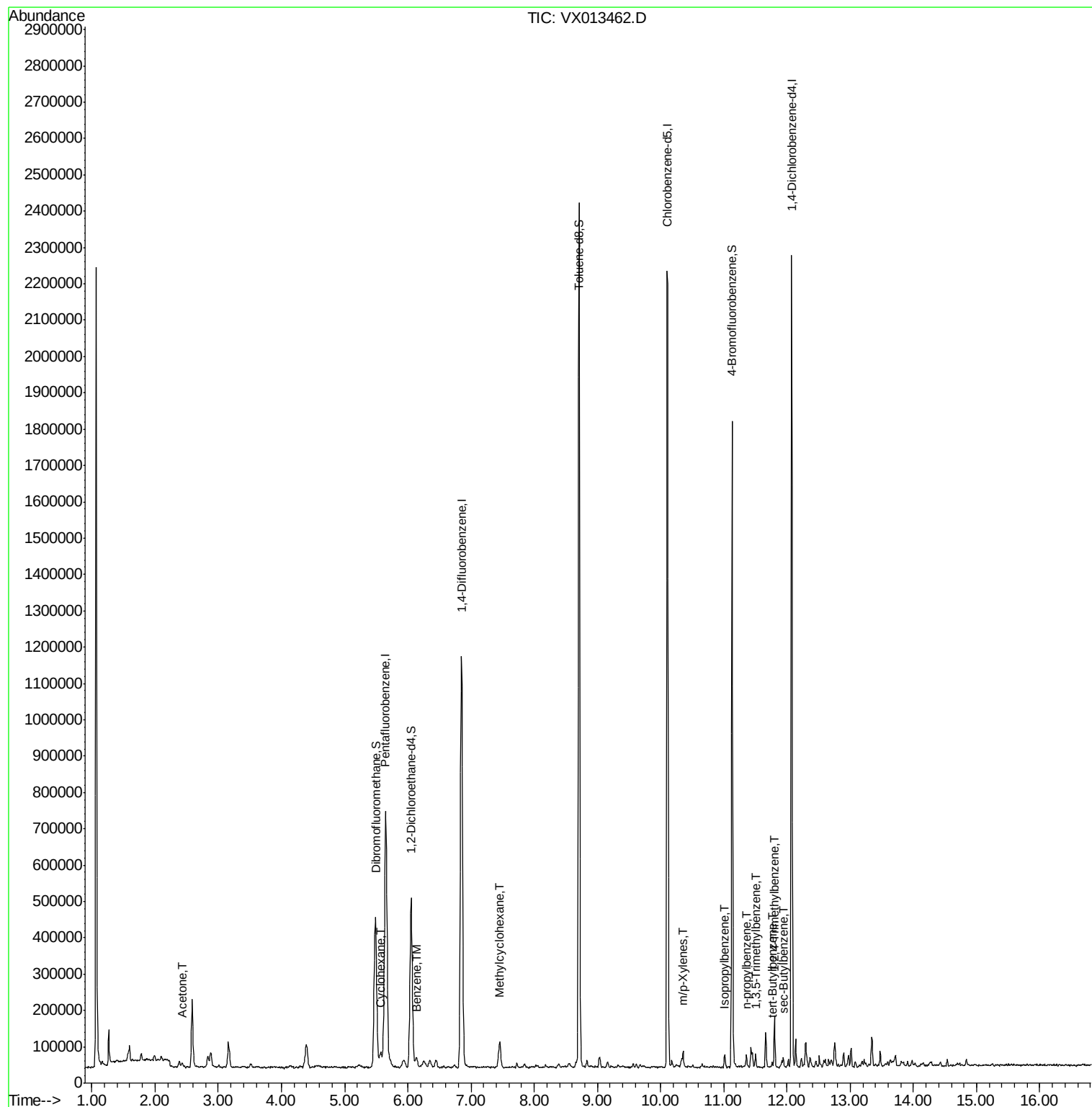
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111919\
Data File : VX013462.D
Acq On : 19 Nov 2019 14:01
Operator : JC/SP
Sample : K5929-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

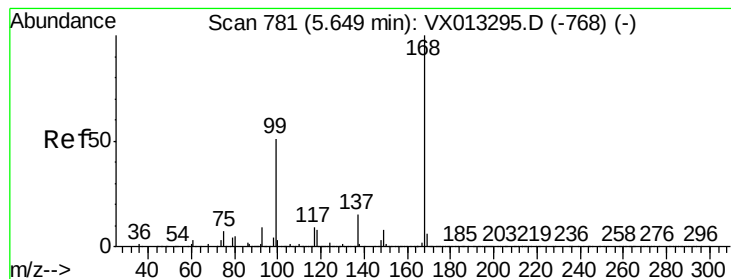
Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:17:54 AM

Quant Time: Nov 19 16:33:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013462.D

Acq: 19 Nov 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147

Tot Ion:168 Resp: 730863

Ion Ratio Lower Upper

168 100

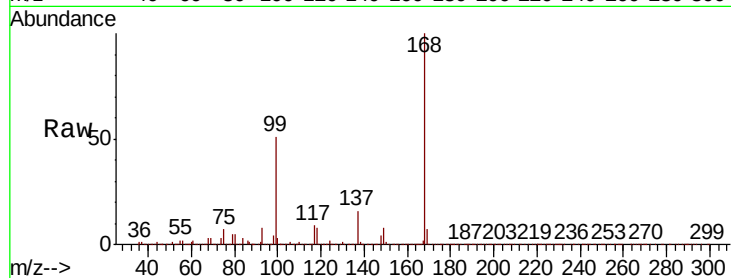
99 51.4 40.8 61.2

Manual Integrations

APPROVED

MMDadoda

11/20/2019 9:17:54 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

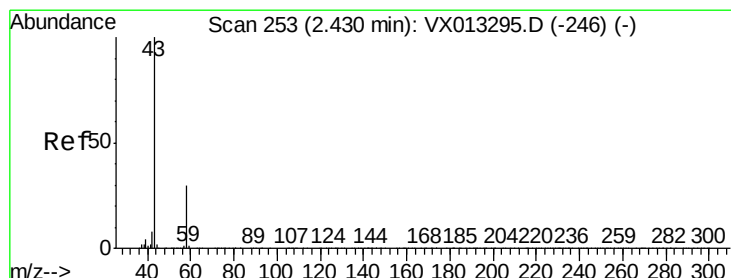
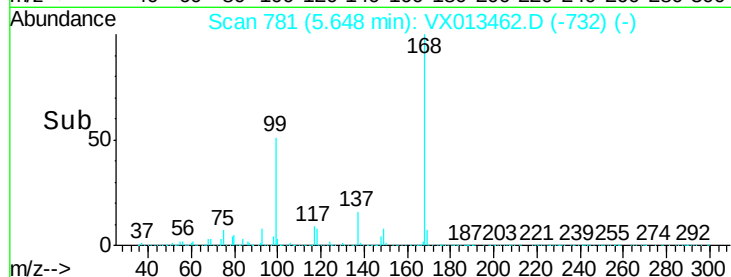
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.764 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013462.D

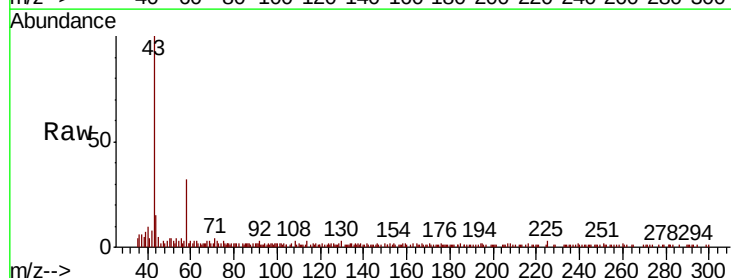
Acq: 19 Nov 2019 14:01

Tgt Ion: 43 Resp: 16254

Ion Ratio Lower Upper

43 100

58 27.8 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

10000

8000

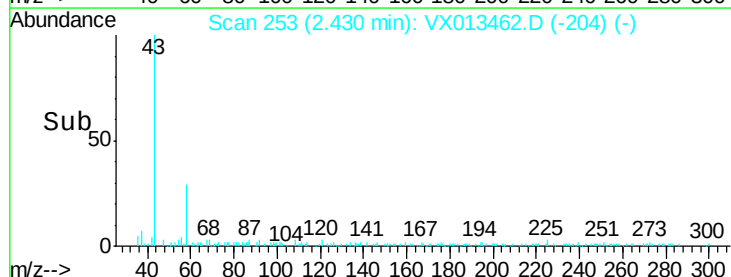
6000

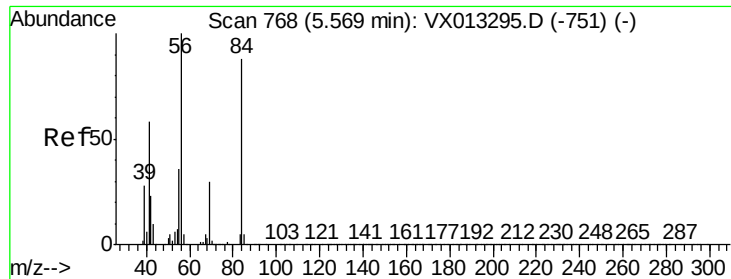
4000

2000

0

Time-->





#31

Cyclohexane

Concen: 2.564 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013462.D

Acq: 19 Nov 2019 14:01

Instrument :

MSVOA_X

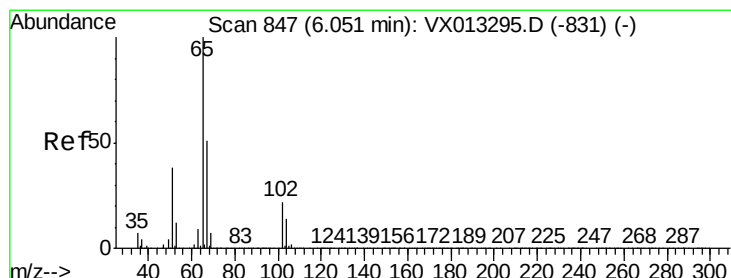
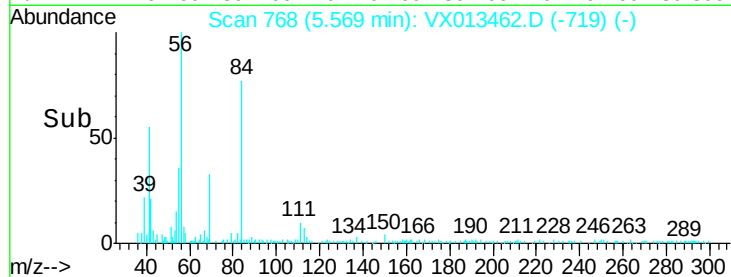
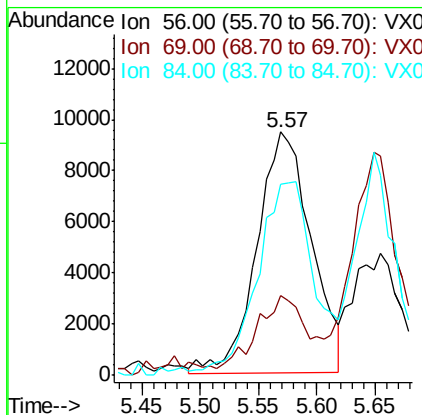
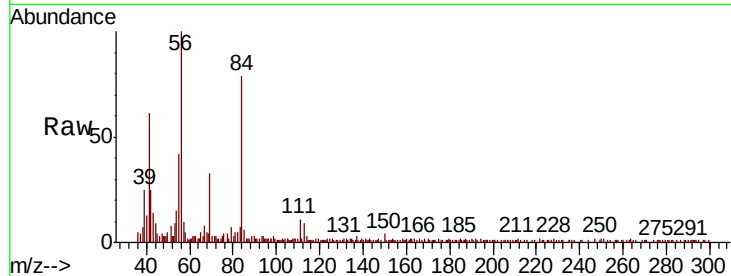
ClientSampleId :

FA19-RFW1147

Tot Ion:	56	Resp:	30349
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.7	35.5
84	80.3	70.6	105.8

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:17:54 AM



#33

1,2-Dichloroethane-d4

Concen: 49.466 ug/l

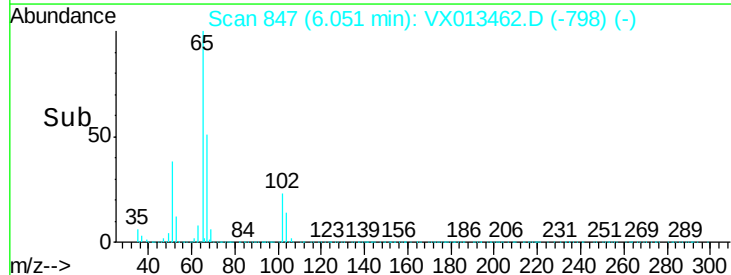
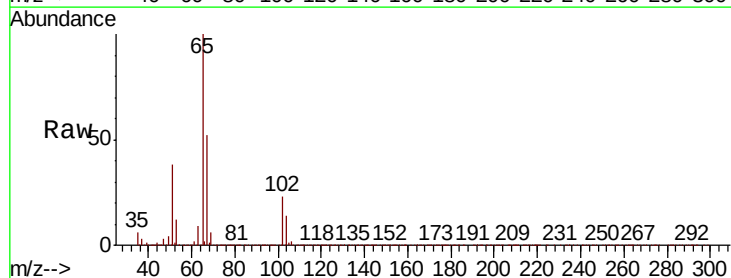
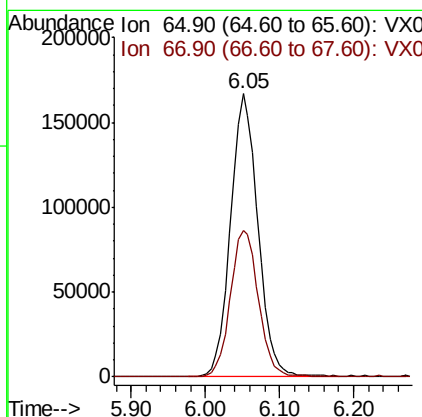
RT: 6.05 min Scan# 847

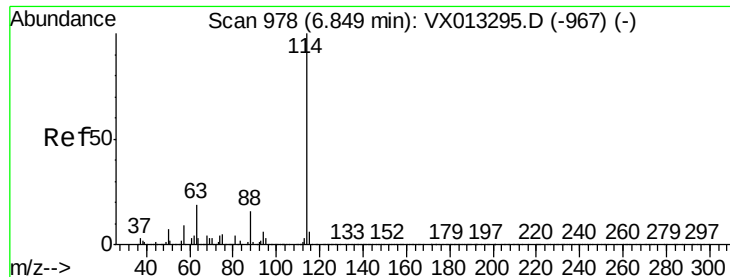
Delta R.T. -0.00 min

Lab File: VX013462.D

Acq: 19 Nov 2019 14:01

Tgt Ion:	65	Resp:	428308
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	104.2





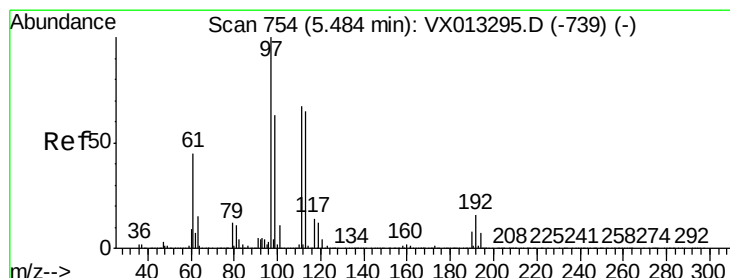
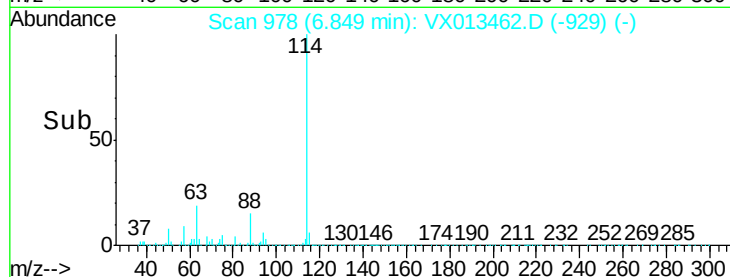
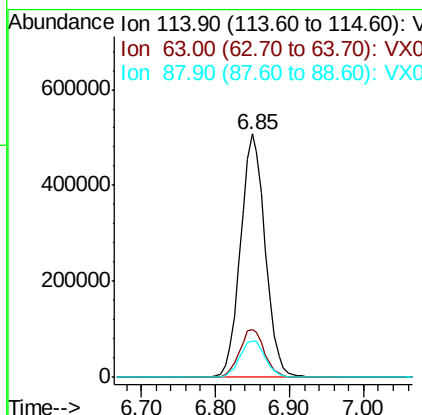
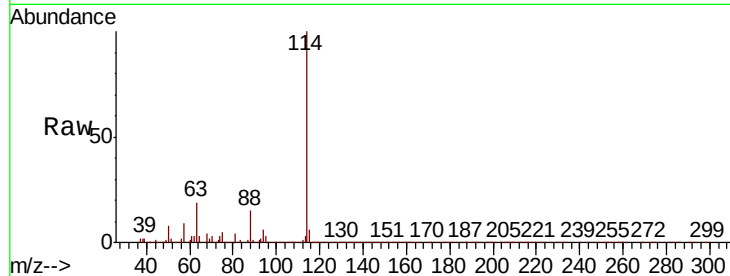
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.4
88	14.9	0.0	32.2

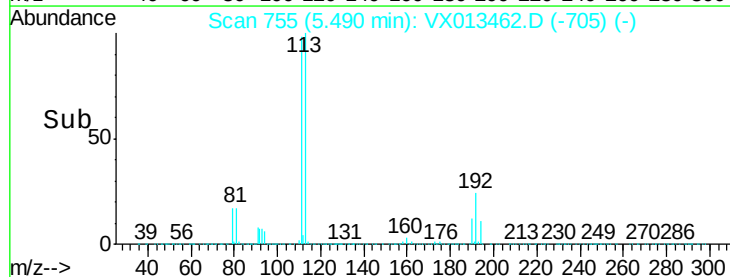
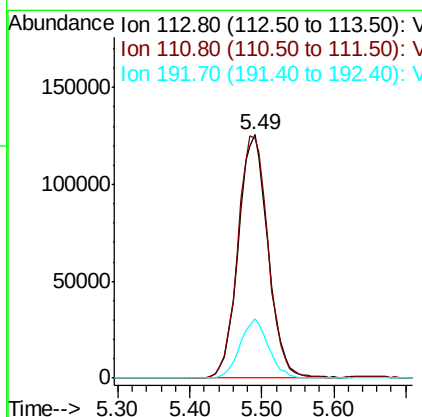
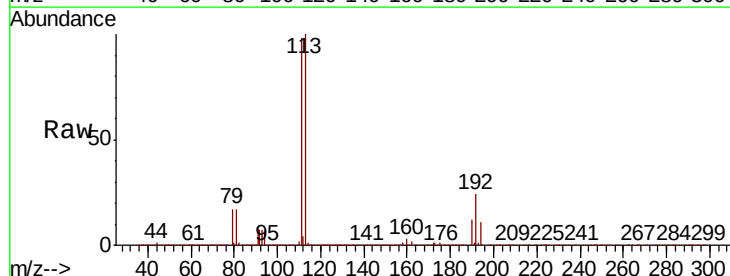
Manual Integrations
APPROVED

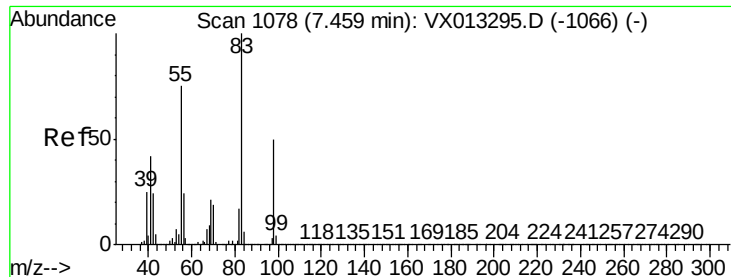
MMDadoda
11/20/2019 9:17:54 AM



#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	23.2	19.1	28.7





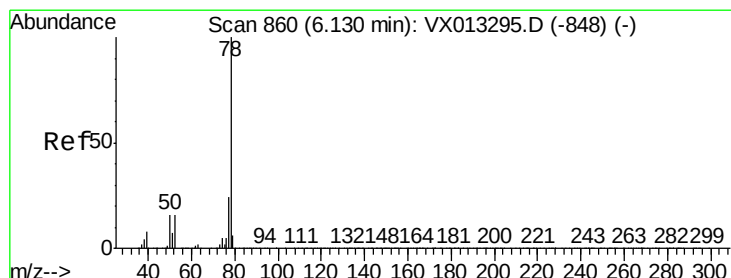
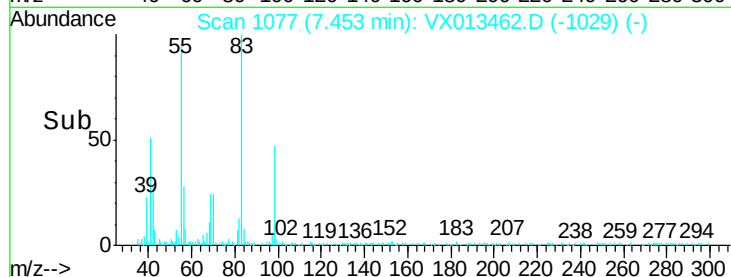
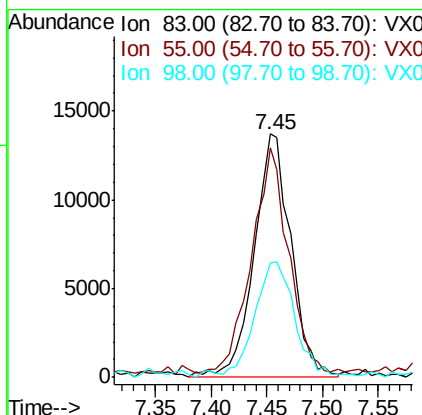
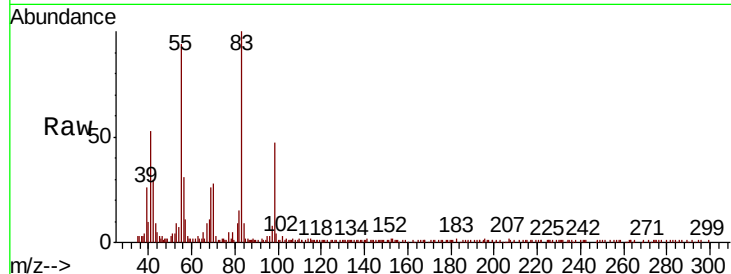
#39
Methylvlcyclohexane
Concen: 2.523 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.1	60.3	90.5#
98	46.0	40.3	60.5

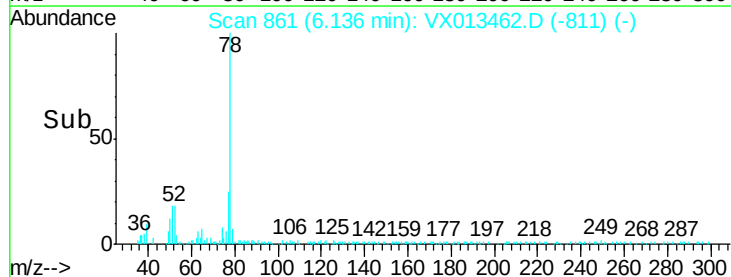
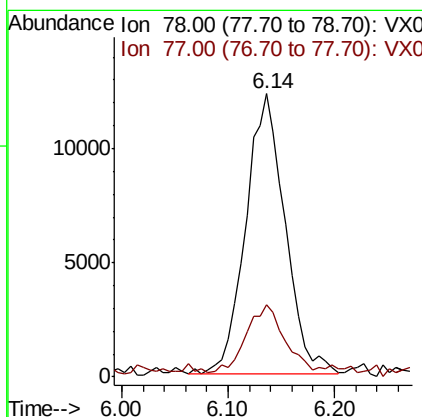
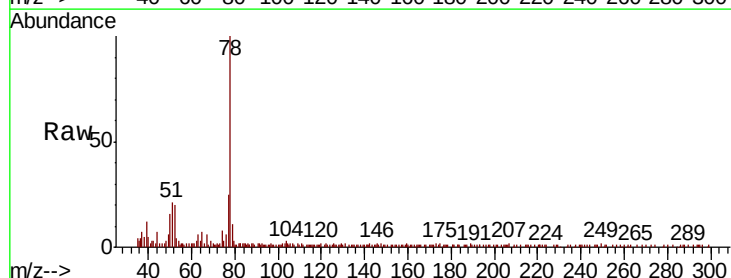
Manual Integrations
APPROVED

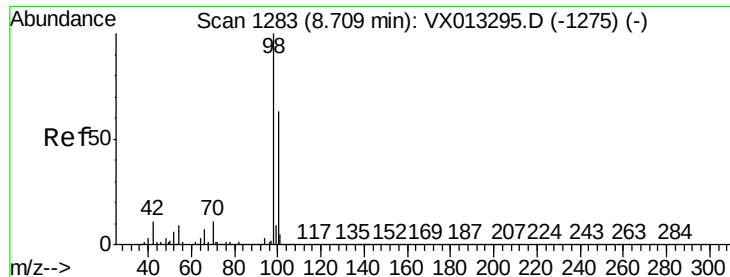
MMDadoda
11/20/2019 9:17:54 AM



#40
Benzene
Concen: 1.018 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.5	29.3





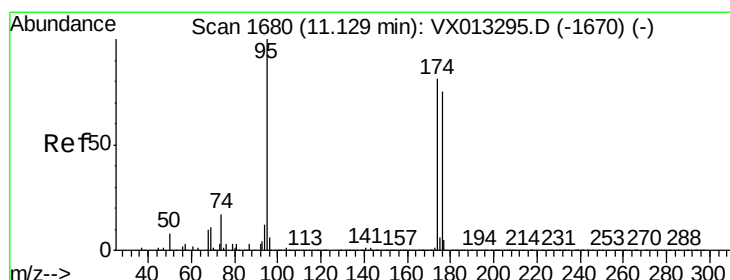
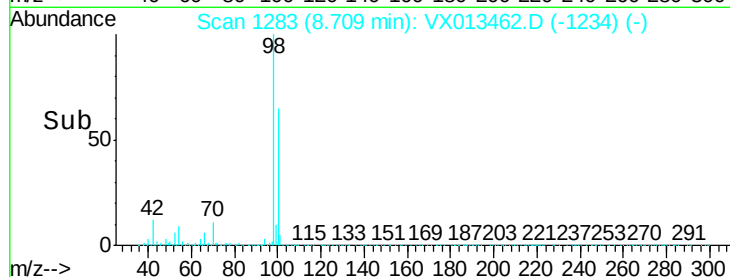
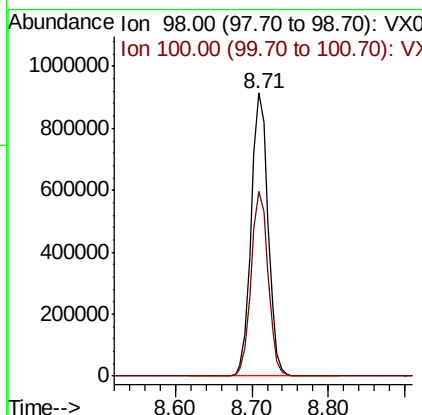
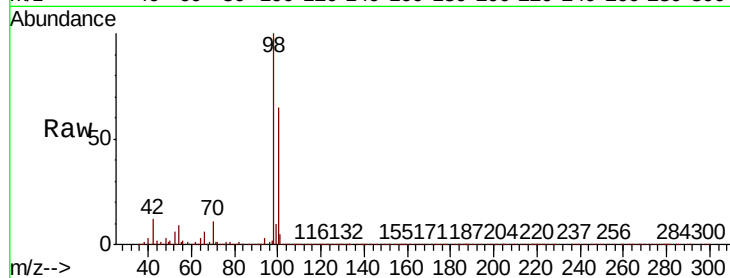
#50
Toluene-d8
Concen: 50.595 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Tot Ion: 98 Resp: 1408042
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

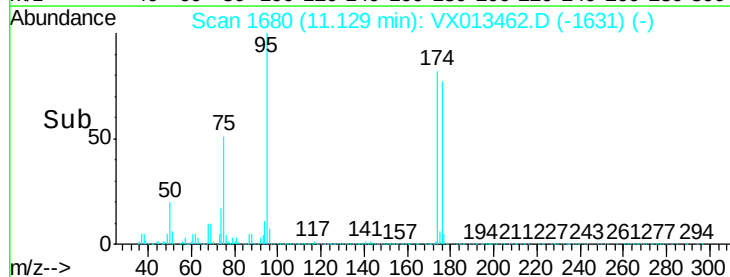
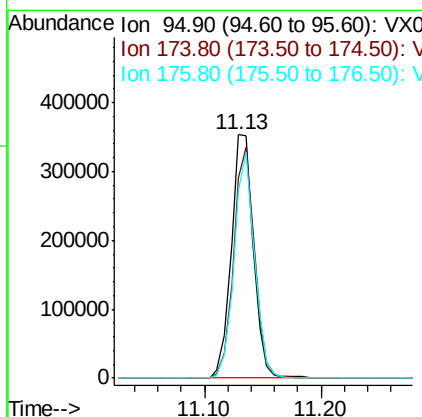
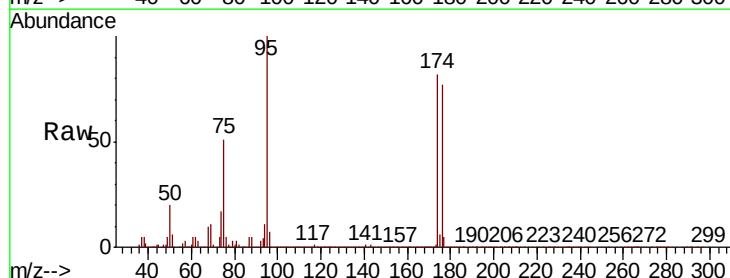
Manual Integrations
APPROVED

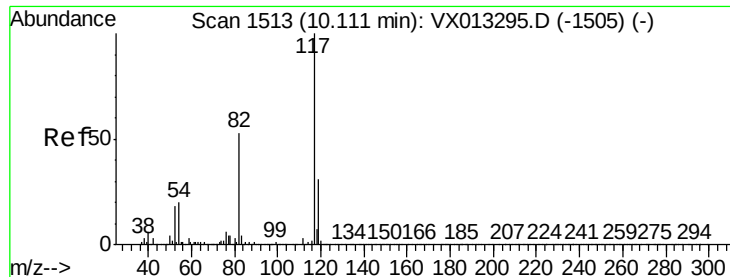
MMDadoda
11/20/2019 9:17:54 AM



#62
4-Bromofluorobenzene
Concen: 46.583 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Tgt Ion: 95 Resp: 467874
Ion Ratio Lower Upper
95 100
174 89.7 0.0 179.8
176 85.9 0.0 173.0





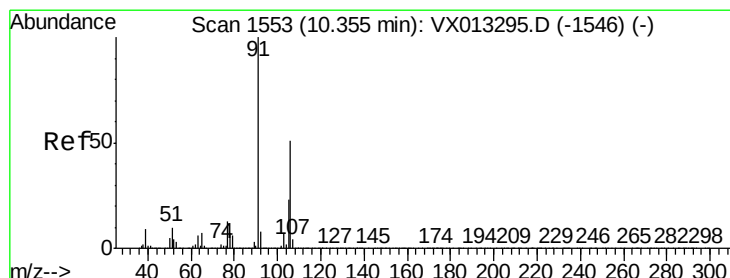
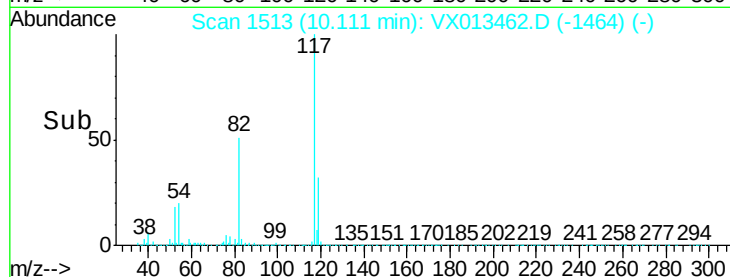
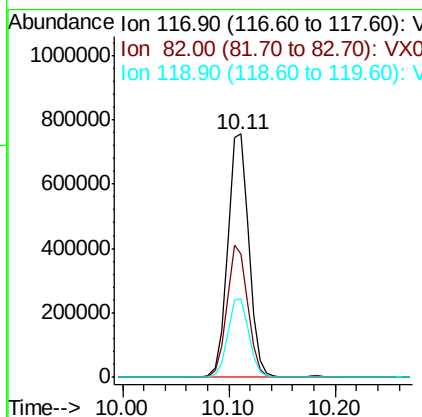
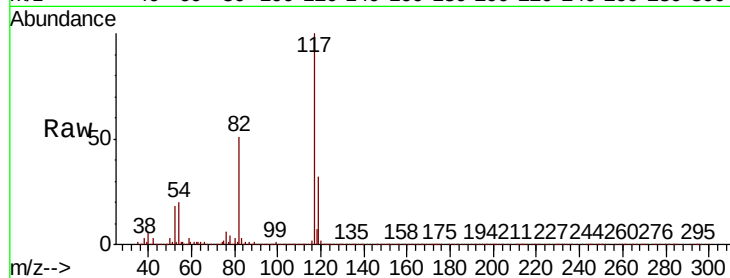
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.6	64.0
119	32.0	24.8	37.2

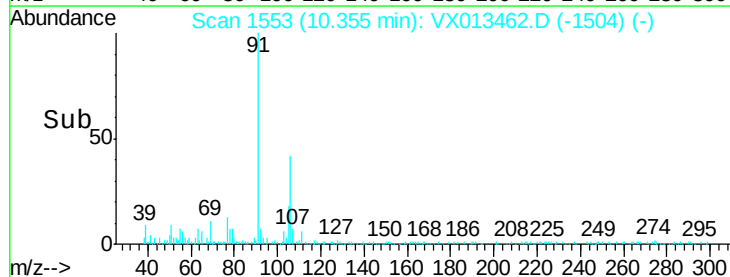
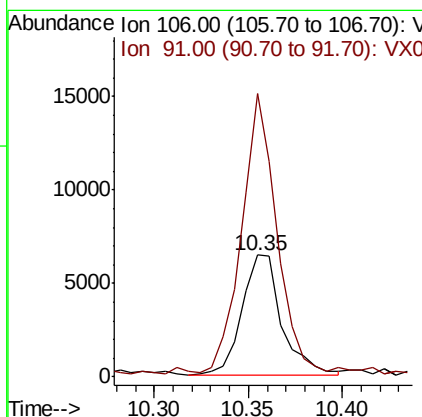
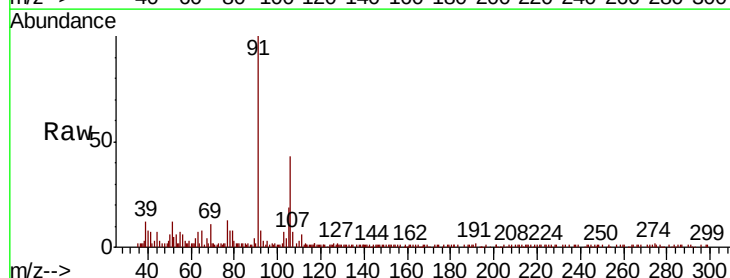
Manual Integrations
APPROVED

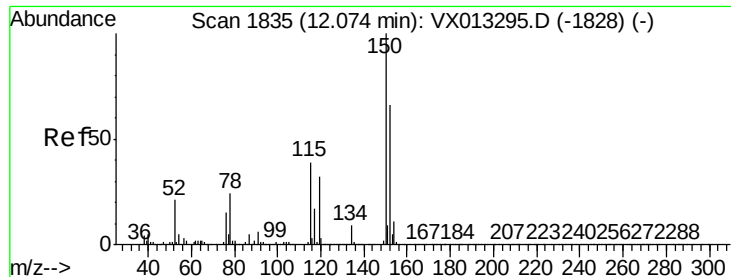
MMDadoda
11/20/2019 9:17:54 AM



#68
m/p-Xylenes
Concen: 0.672 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
106	100		
91	206.7	159.3	238.9





#72

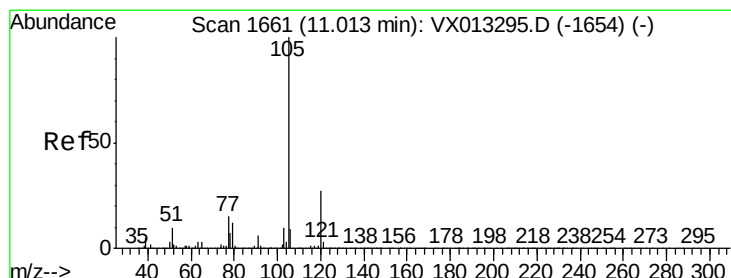
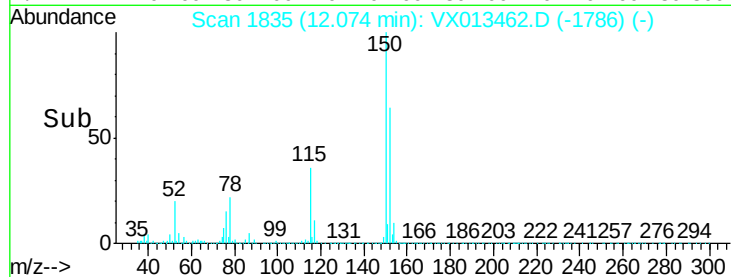
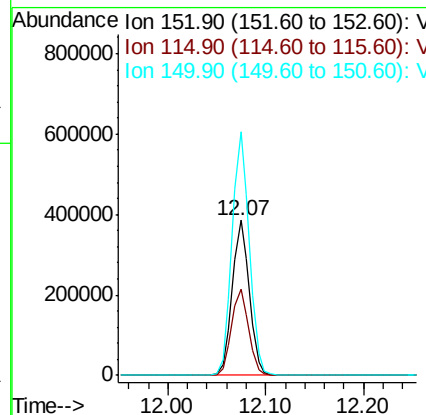
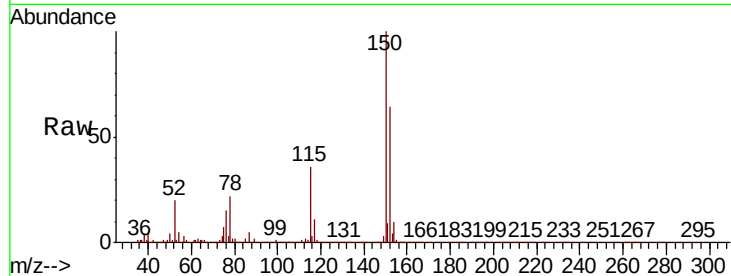
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Instrument :
MSVOA_X
ClientSampleId :
FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	39.5	118.3
150	158.7	0.0	344.4

Manual Integrations
APPROVED

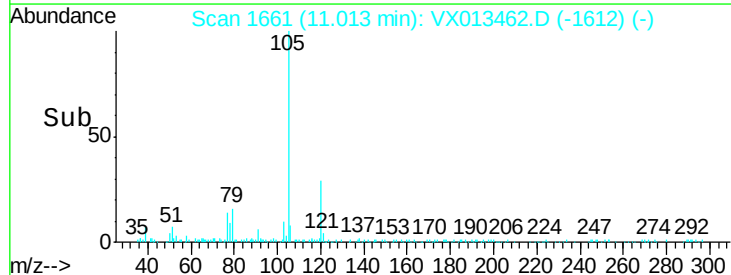
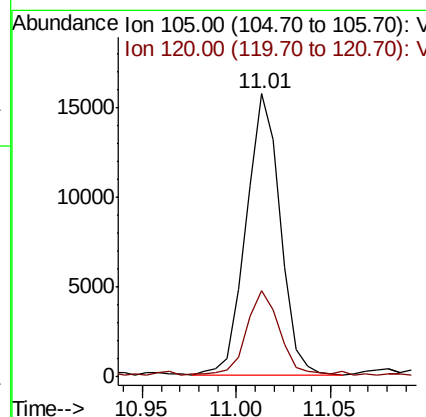
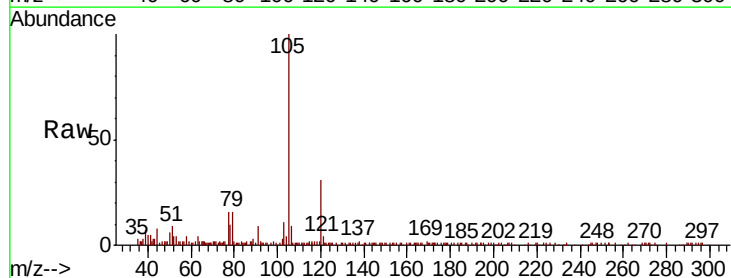
MMDadoda
11/20/2019 9:17:54 AM

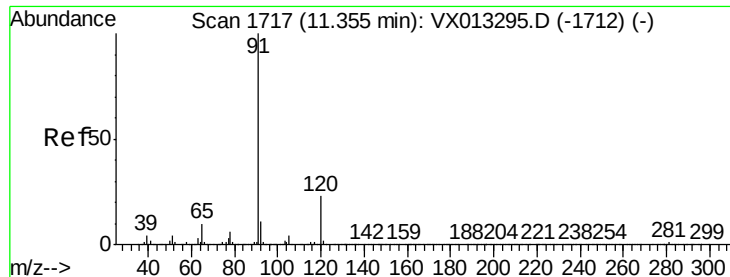


#73

Isopropylbenzene
Concen: 0.634 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013462.D
Acq: 19 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	30.2	13.5	40.5





#78

n-propylbenzene

Concen: 0.602 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013462.D

Acq: 19 Nov 2019 14:01

Instrument :

MSVOA_X

ClientSampleId :

FA19-RFW1147

Tot Ion: 91 Resp: 20772

Ion Ratio Lower Upper

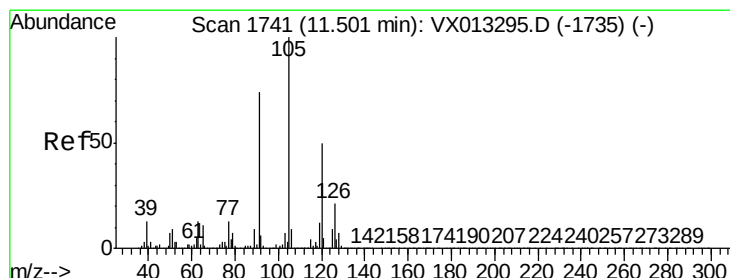
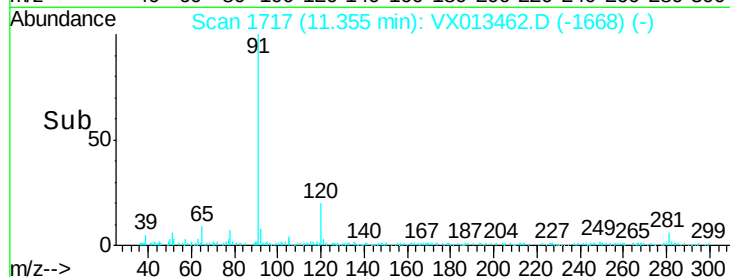
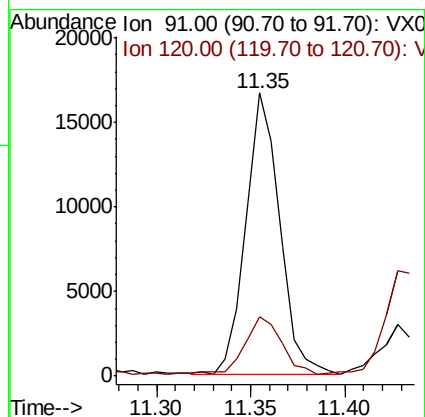
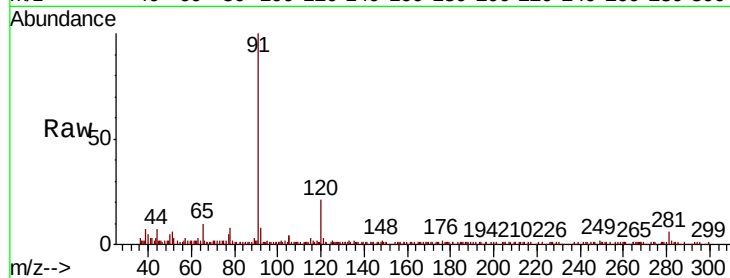
91 100

120 24.4 11.6 34.8

Manual Integrations
APPROVED

MMDadoda

11/20/2019 9:17:54 AM



#80

1,3,5-Trimethylbenzene

Concen: 0.622 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013462.D

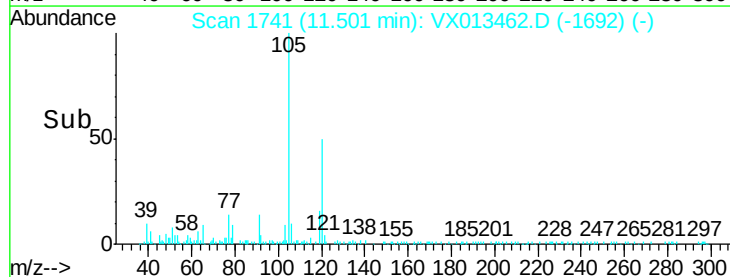
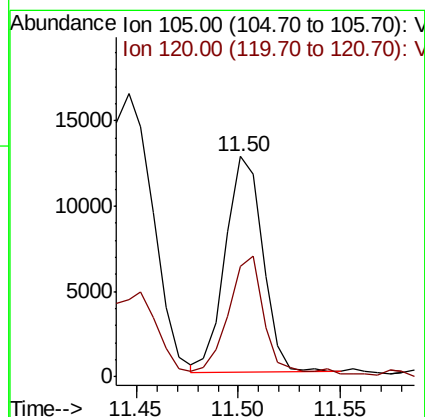
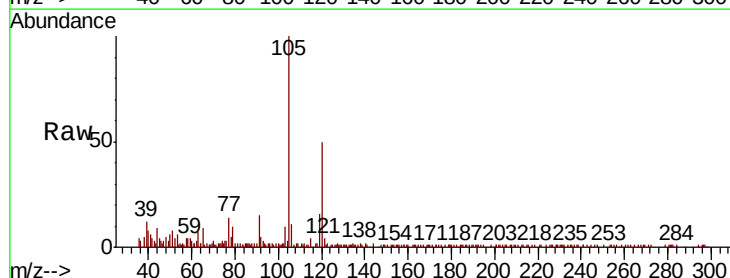
Acq: 19 Nov 2019 14:01

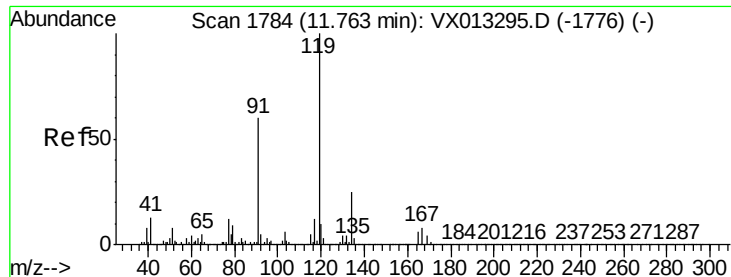
Tgt Ion: 105 Resp: 16050

Ion Ratio Lower Upper

105 100

120 54.6 24.9 74.8





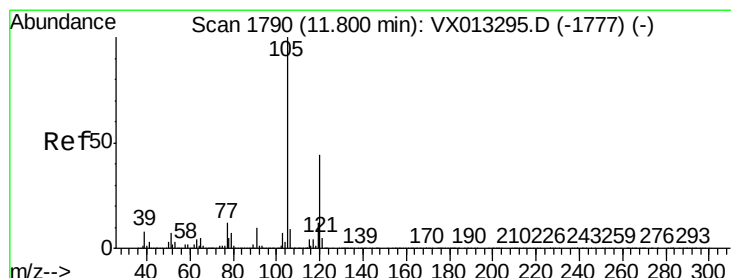
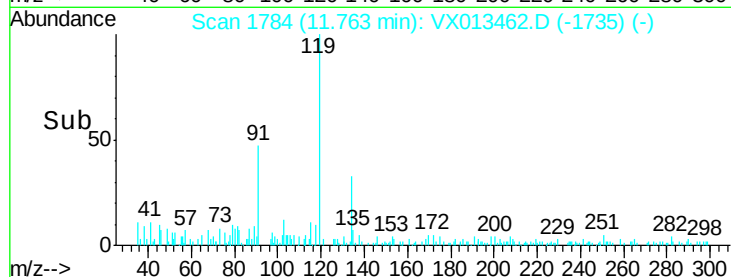
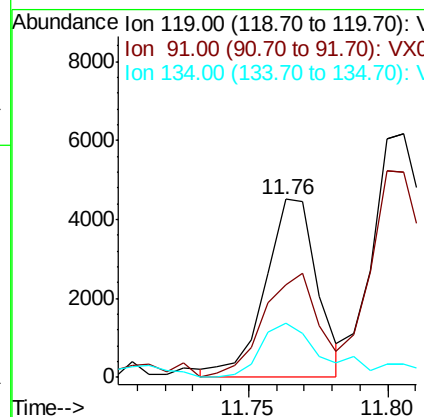
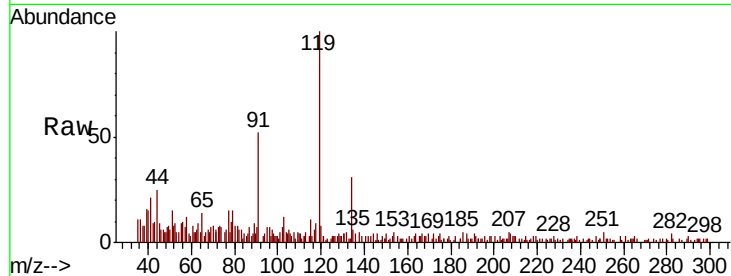
#83
 tert-Butylbenzene
 Concen: 0.227 ug/l m
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013462.D
 Acq: 19 Nov 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
119	100		
91	44.8	26.9	80.7
134	50.8	11.7	35.1#

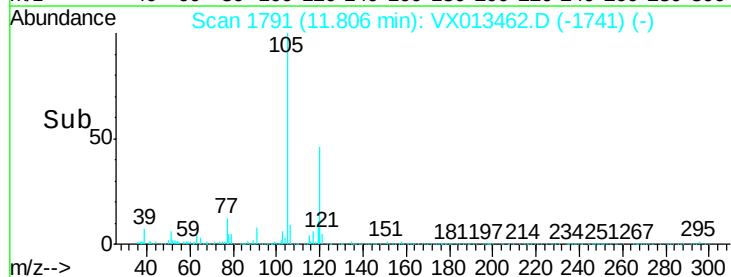
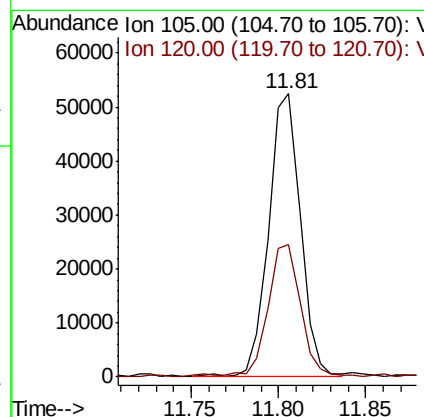
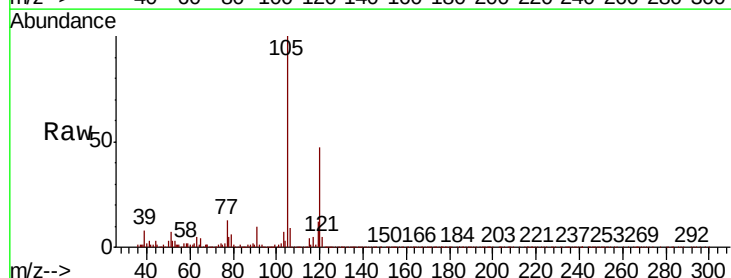
Manual Integrations
 APPROVED

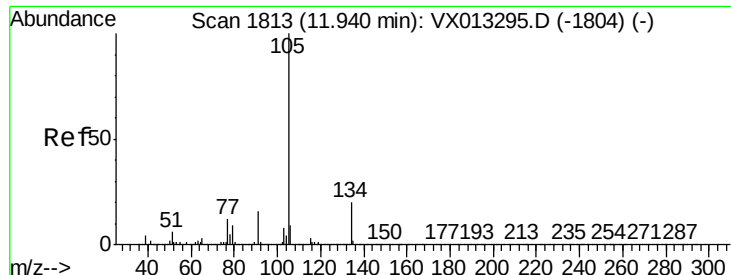
MMDadoda
 11/20/2019 9:17:54 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 2.545 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013462.D
 Acq: 19 Nov 2019 14:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.7	68.1





#85
 sec-Butylbenzene
 Concen: 0.490 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013462.D
 Acq: 19 Nov 2019 14:01

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-RFW1147

Tot Ion	Ratio	Lower	Upper
105	100		
134	24.3	10.3	30.9

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:17:54 AM

