

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012587.D
 Acq On : 21 Sep 2019 03:39
 Operator : JC/SP
 Sample : K4978-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0161

Manual Integrations
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MMDadoda
 9/23/2019 11:29:01 AM

Quant Time: Sep 21 04:37:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120104	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	5.49	113	86034	50.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.28%	
50) Toluene-d8	8.71	98	329873	52.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.14	95	119881	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	13034	14.608	ug/l	96
31) Cyclohexane	5.57	56	29451	16.706	ug/l	100
39) Methylcyclohexane	7.45	83	14798	8.923	ug/l	93
40) Benzene	6.14	78	13458390	2480.955	ug/l	98
52) Toluene	8.78	92	175221	50.127	ug/l	99
67) Ethyl Benzene	10.25	91	137713	19.842	ug/l	97
68) m/p-Xylenes	10.36	106	162098	64.190	ug/l	98
69) o-Xylene	10.70	106	34362	13.231	ug/l	100
73) Isopropylbenzene	11.01	105	117525	18.547	ug/l	98
78) n-propylbenzene	11.35	91	52168	7.387	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	32491	6.012	ug/l	99
83) tert-Butylbenzene	11.76	119	1500m	0.259	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	134515	24.242	ug/l	100
85) sec-Butylbenzene	11.94	105	3831m	0.600	ug/l	
86) p-Isopropyltoluene	12.06	119	3625m	0.619	ug/l	
95) Naphthalene	13.83	128	12301	1.766	ug/l #	94

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

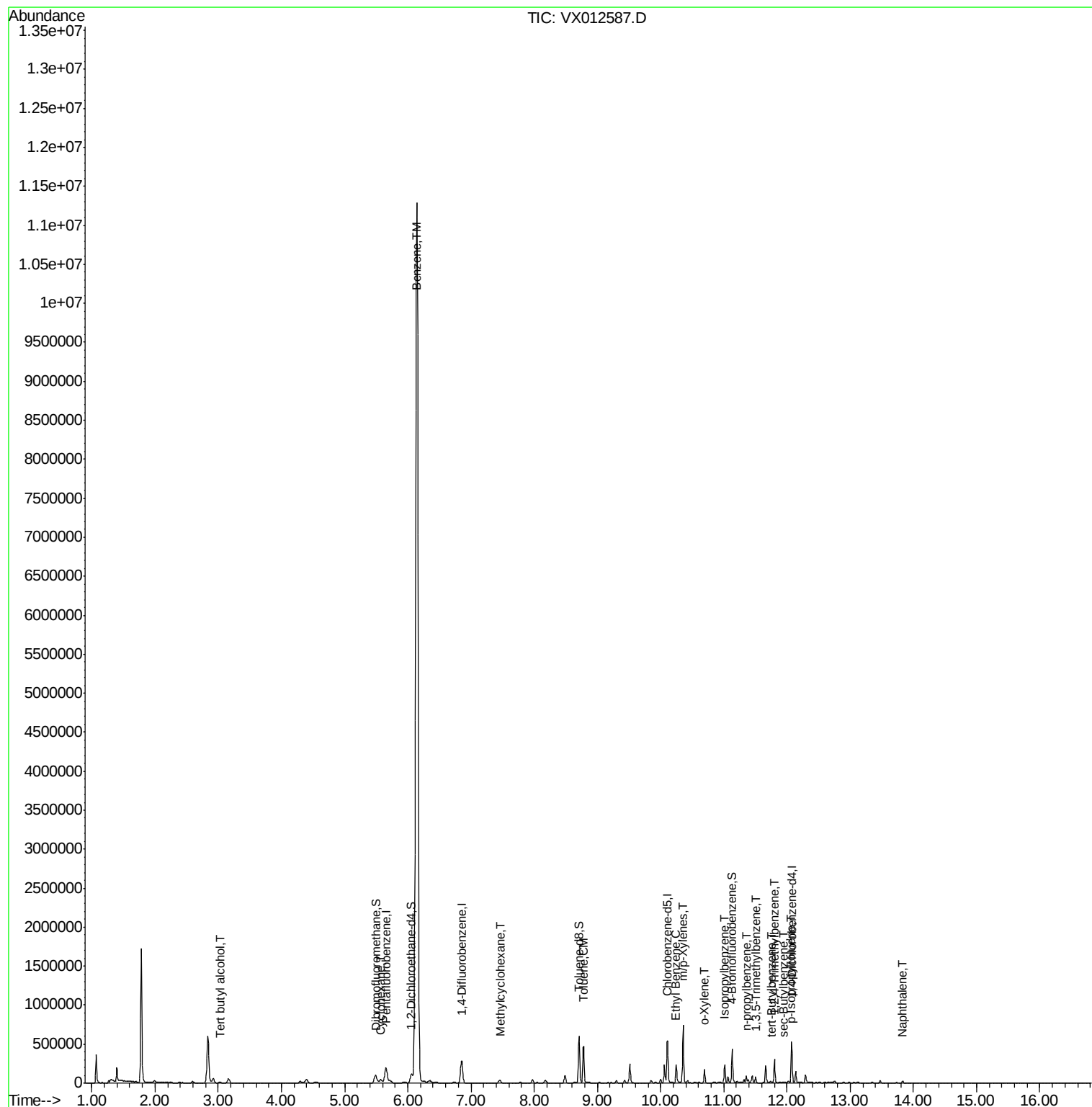
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092019\
Data File : VX012587.D
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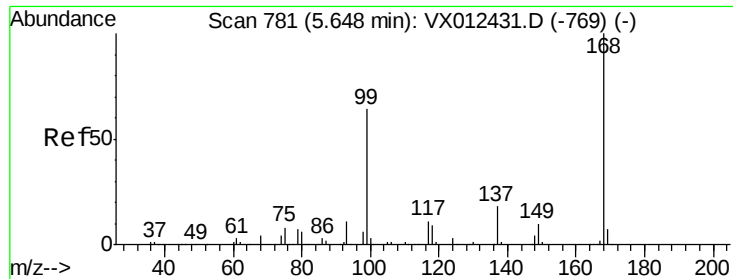
Instrument :
MSVOA_X
ClientSampleId :
Z2-0161

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Quant Time: Sep 21 04:37:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012587.D

Acq: 21 Sep 2019 03:39

Instrument :

MSVOA_X

ClientSampleId :

Z2-0161

Tot Ion:168 Resp: 178090

Ion Ratio Lower Upper

168 100

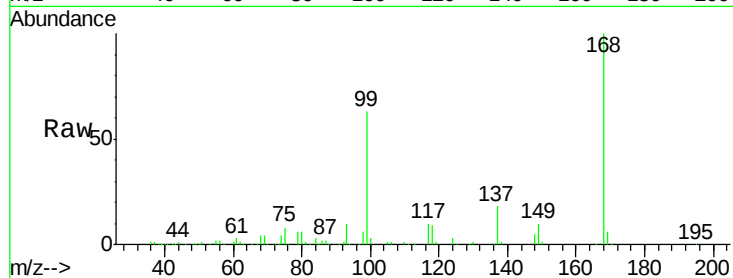
99 63.3 51.4 77.2

Manual Integrations

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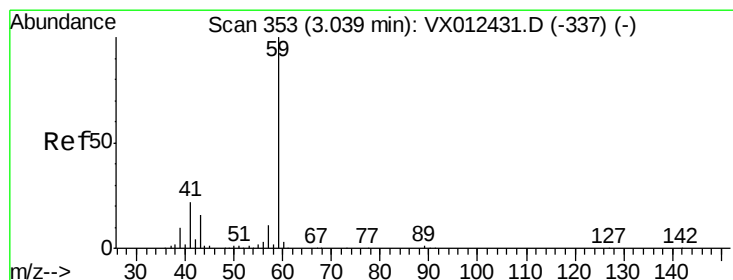
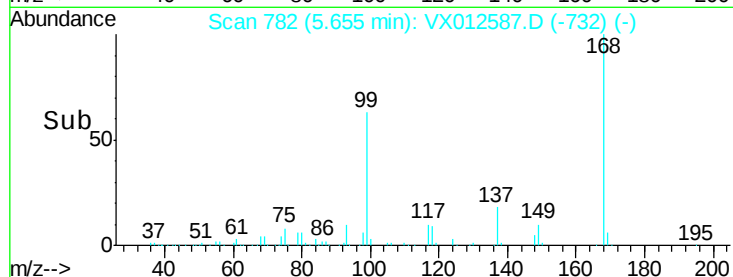
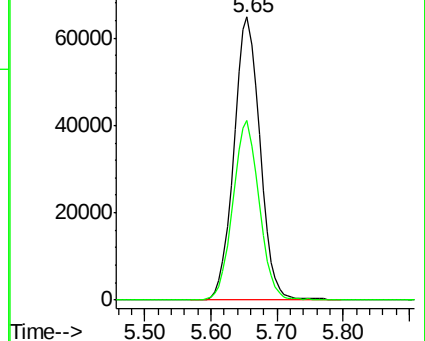
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 14.608 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012587.D

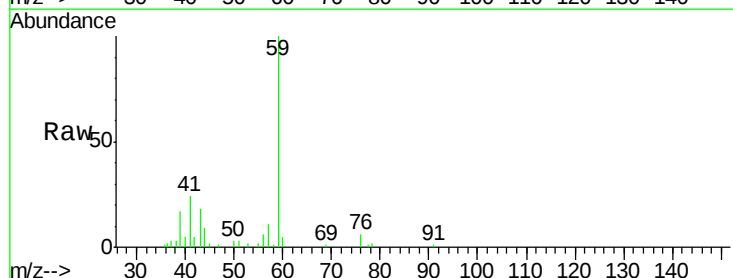
Acq: 21 Sep 2019 03:39

Tgt Ion: 59 Resp: 13034

Ion Ratio Lower Upper

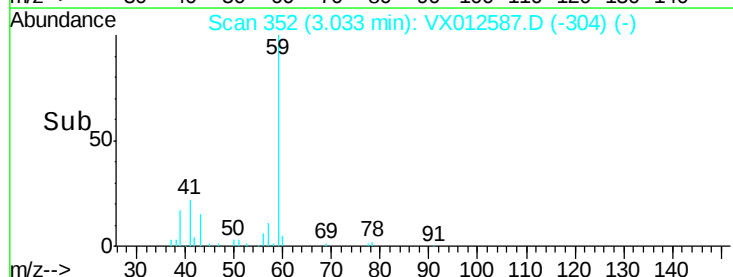
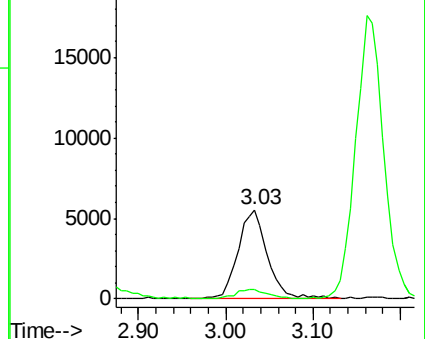
59 100

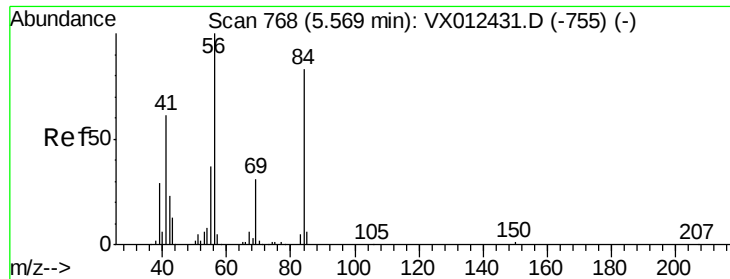
57 12.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





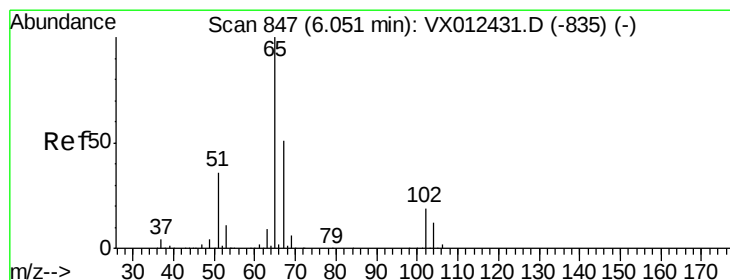
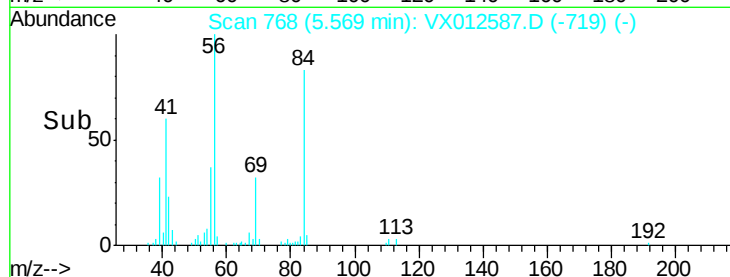
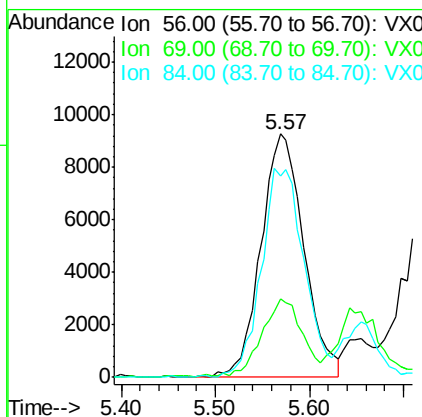
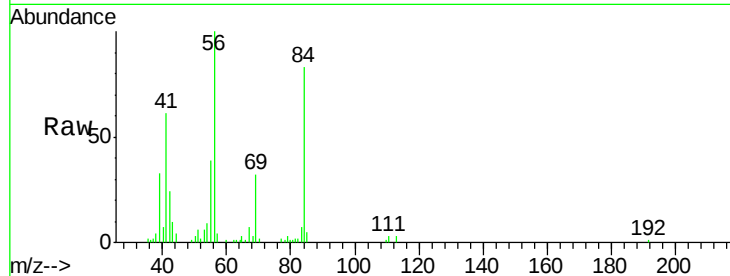
#31
Cyclohexane
Concen: 16.706 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampled :
Z2-0161

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	82.8	66.4	99.6

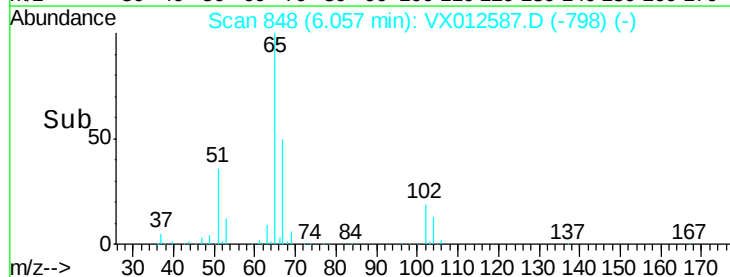
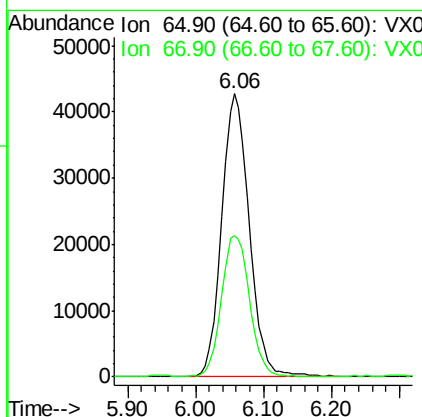
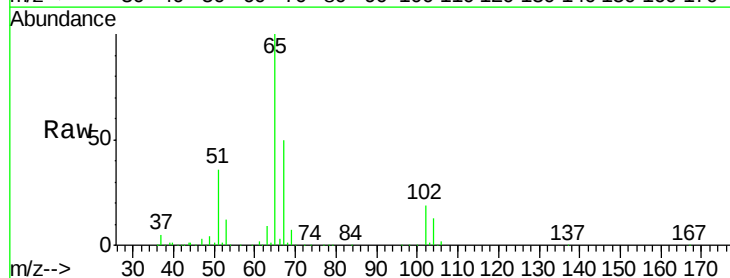
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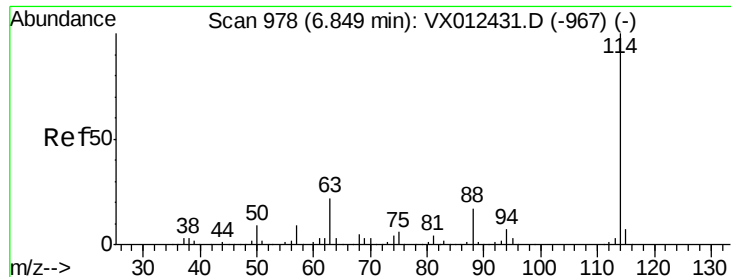
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#33
1,2-Dichloroethane-d4
Concen: 47.056 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	101.2





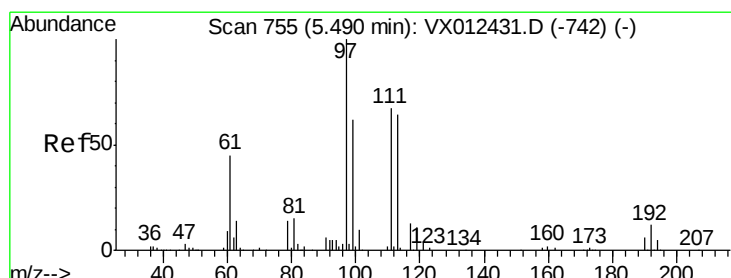
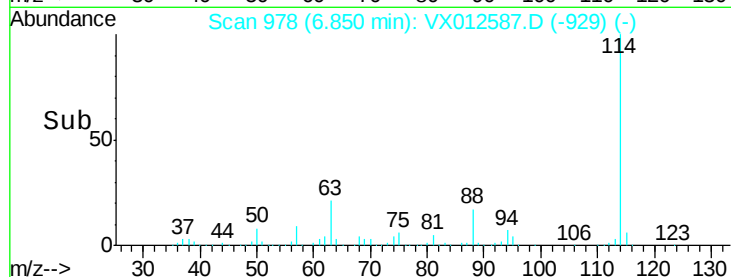
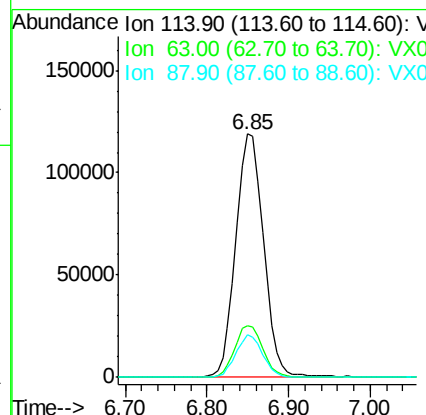
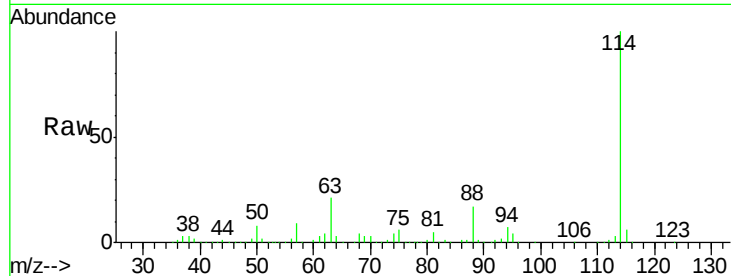
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012587.D
 Acq: 21 Sep 2019 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 Z2-0161

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	21.3	0.0	43.2
88	17.4	0.0	33.2

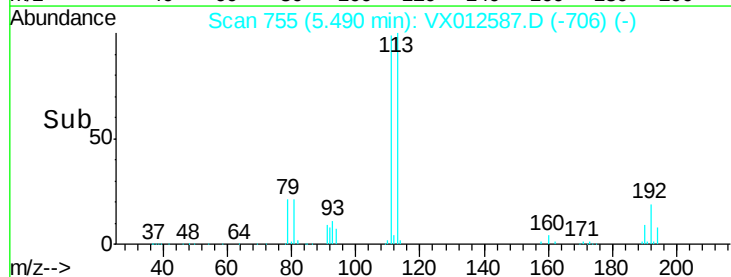
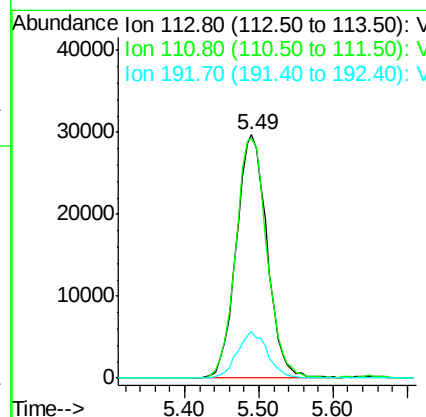
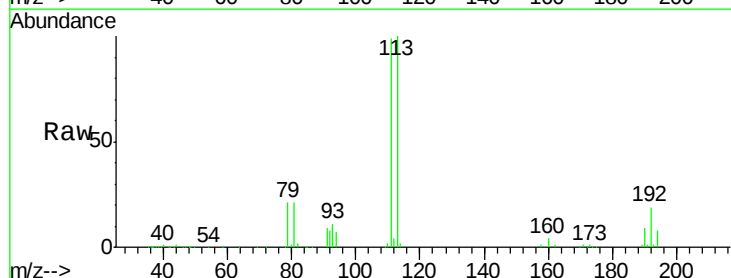
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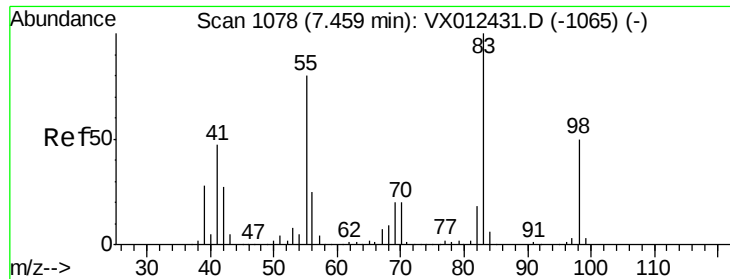
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#35
 Dibromofluoromethane
 Concen: 50.641 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012587.D
 Acq: 21 Sep 2019 03:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	100.4	83.4	125.2
192	18.8	14.4	21.6





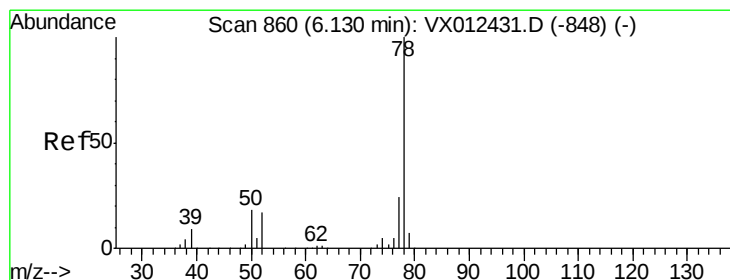
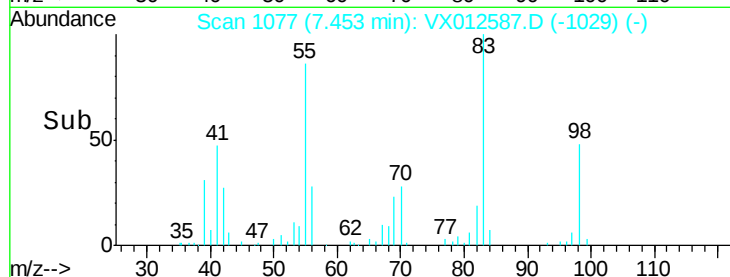
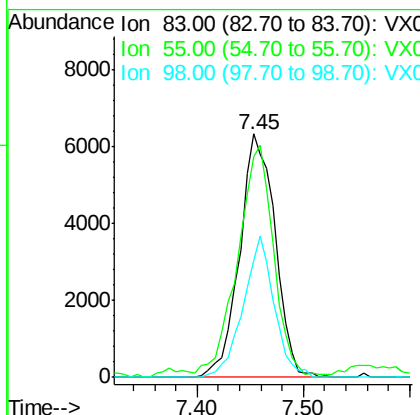
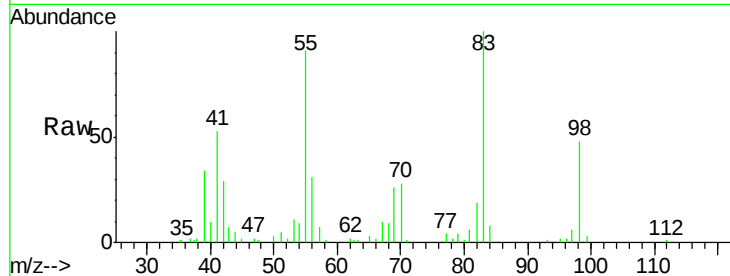
#39
Methvlcvclohexane
Concen: 8.923 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :
Z2-0161

Tot Ion	83	Resp	14798
Ion Ratio	100	Lower	Upper
83	100		
55	88.7	64.4	96.6
98	48.0	40.1	60.1

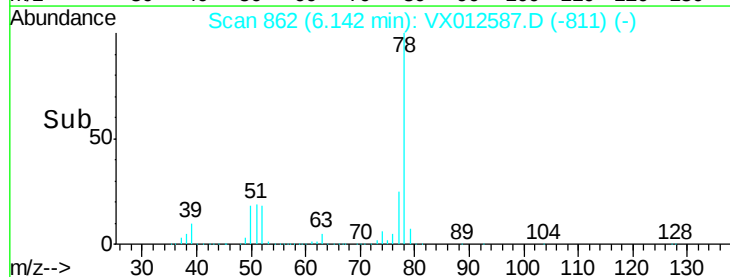
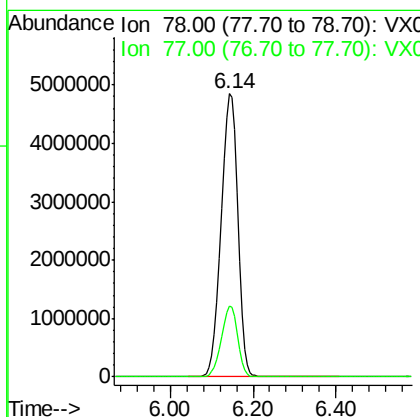
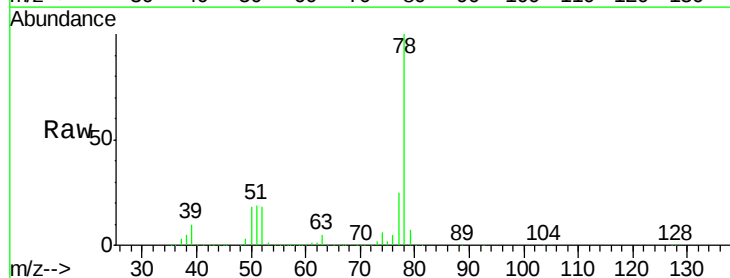
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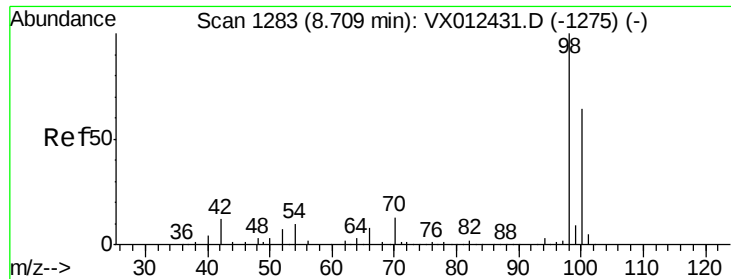
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#40
Benzene
Concen: 2480.955 ug/l
RT: 6.14 min Scan# 862
Delta R.T. 0.01 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion	78	Resp	13458390
Ion Ratio	100	Lower	Upper
78	100		
77	25.0	19.2	28.8





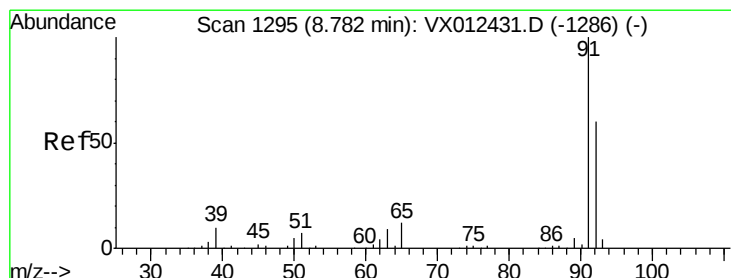
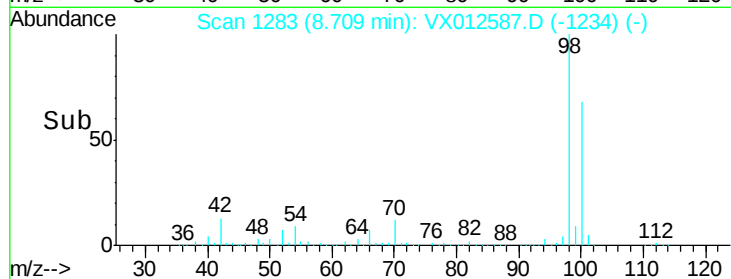
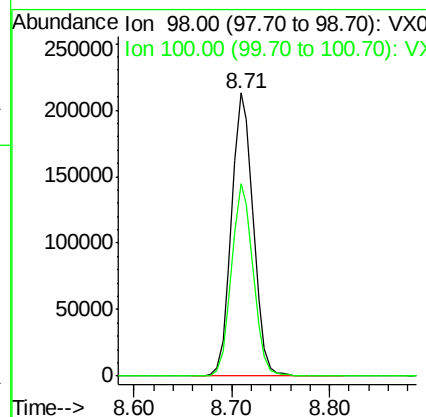
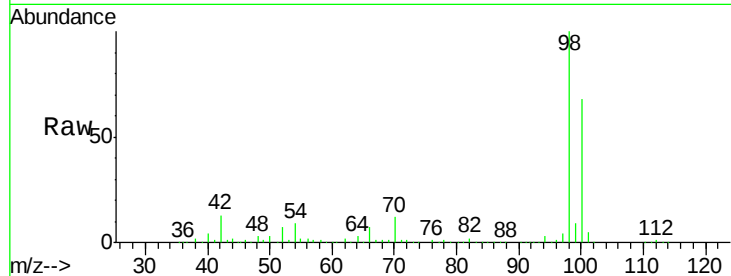
#50
Toluene-d8
Concen: 52.458 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :
Z2-0161

Tot Ion	Ion	Ratio	Resp	Lower	Upper
98	100		329873		
100	67.1	53.4	80.2		

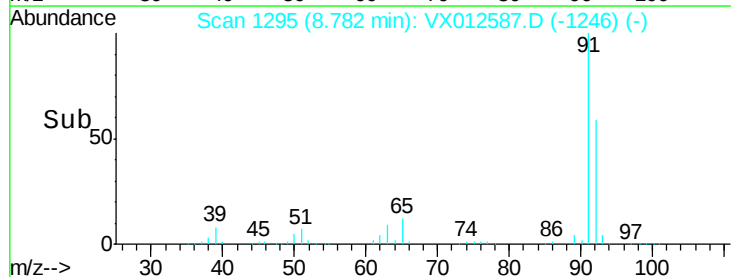
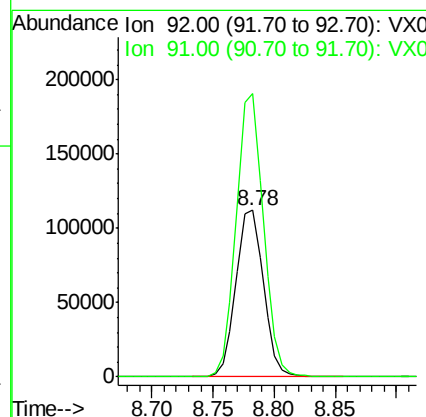
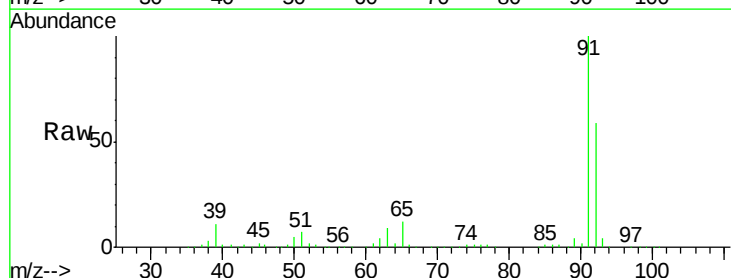
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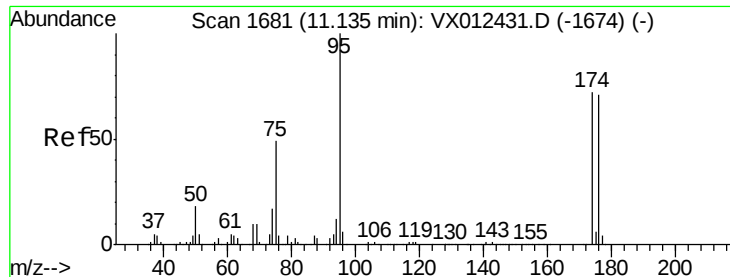
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#52
Toluene
Concen: 50.127 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
92	100		175221		
91	167.9	135.4	203.0		





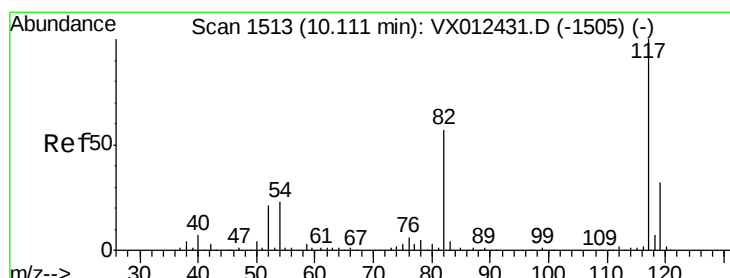
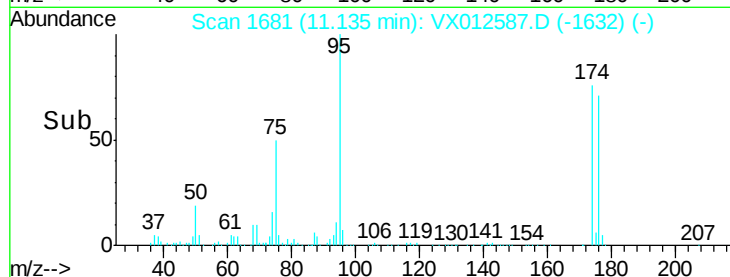
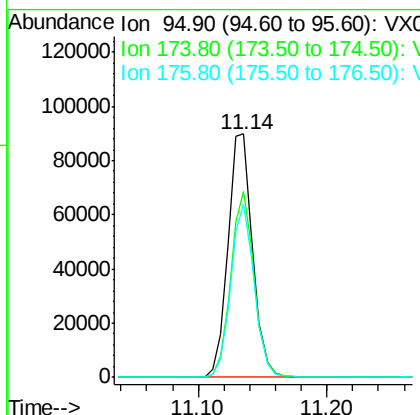
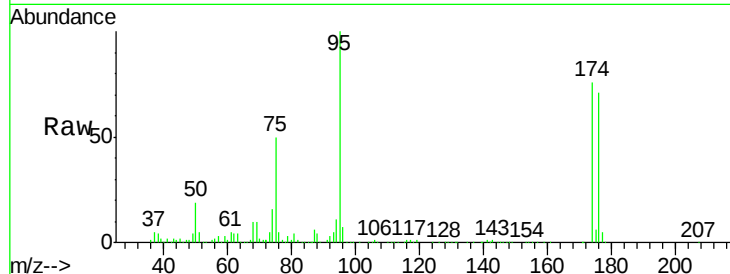
#62
4-Bromofluorobenzene
Concen: 45.914 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampleId :
Z2-0161

Tot Ion	Ratio	Resp	Lower	Upper
95	100	119881		
174	72.5	0.0	140.0	
176	68.3	0.0	135.4	

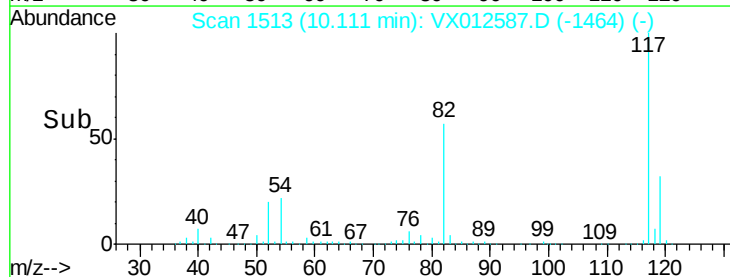
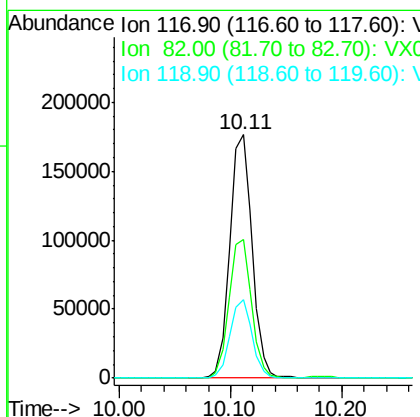
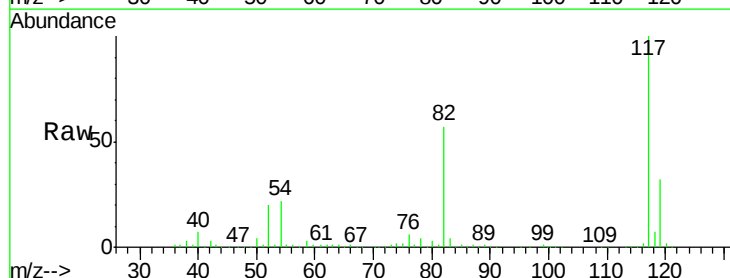
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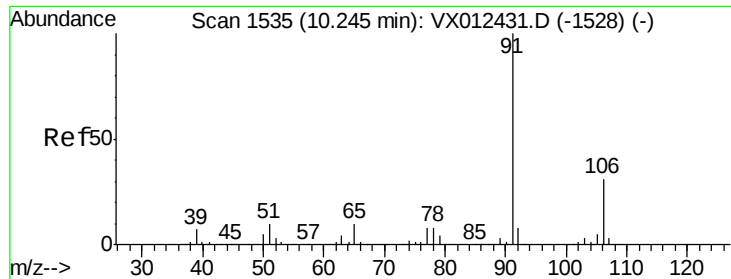
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	244757		
82	56.9	45.9	68.9	
119	32.2	25.3	37.9	





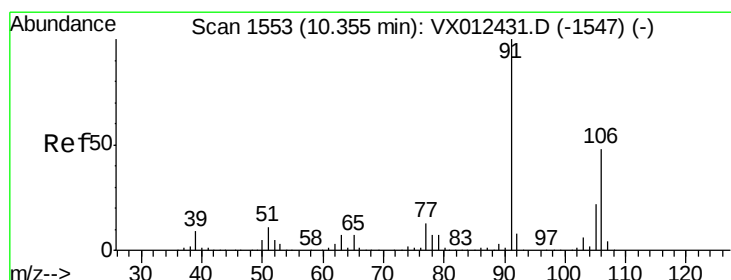
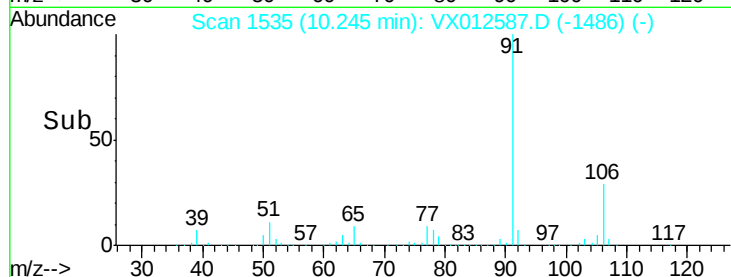
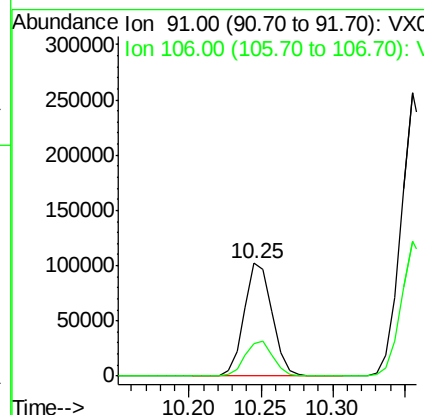
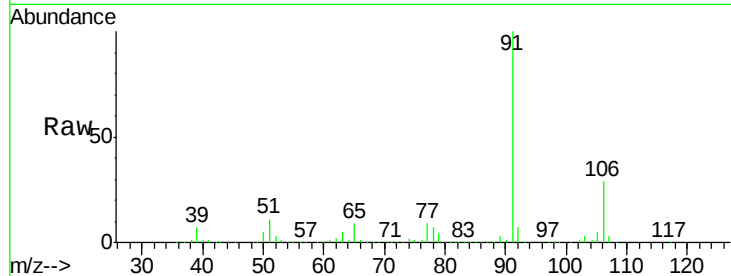
#67
Ethyl Benzene
Concen: 19.842 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampled :
Z2-0161

Tot Ion: 91 Resp: 137713
Ion Ratio Lower Upper
91 100
106 28.9 24.6 37.0

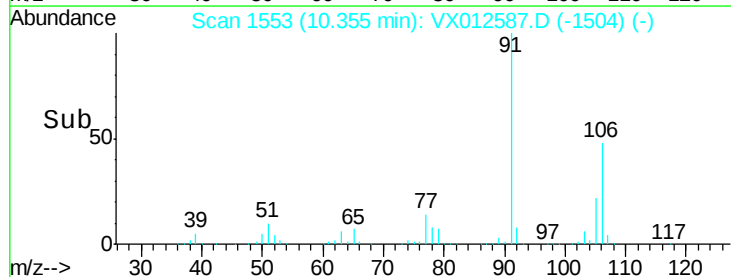
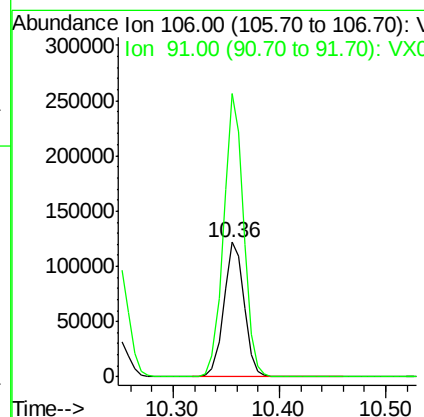
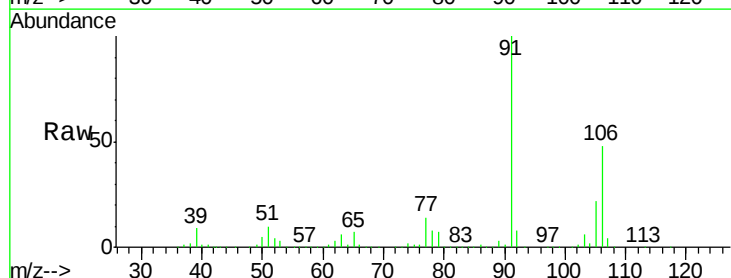
Manual Integrations
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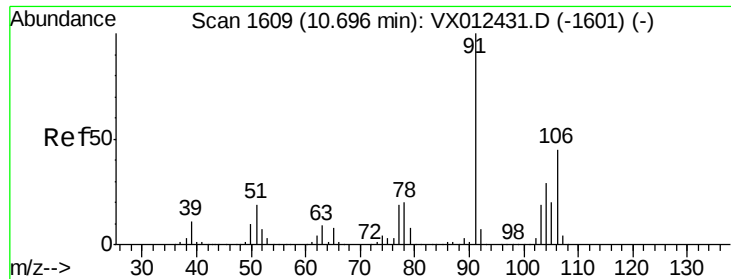
MMDadoda
9/23/2019 11:29:01 AM



#68
m/p-Xylenes
Concen: 64.190 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion: 106 Resp: 162098
Ion Ratio Lower Upper
106 100
91 205.8 166.6 250.0





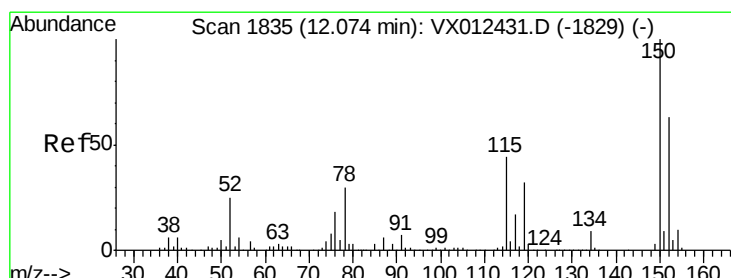
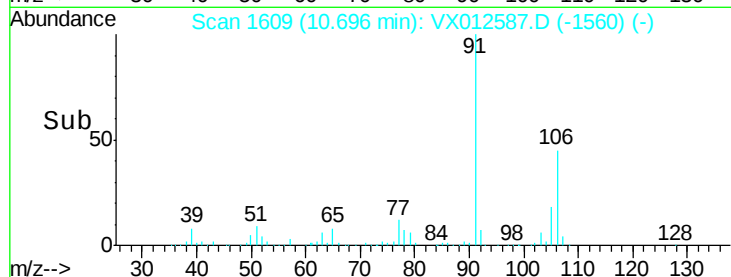
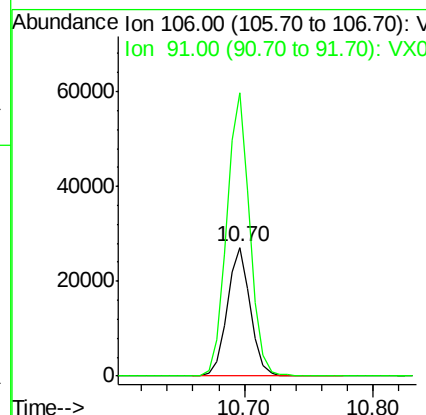
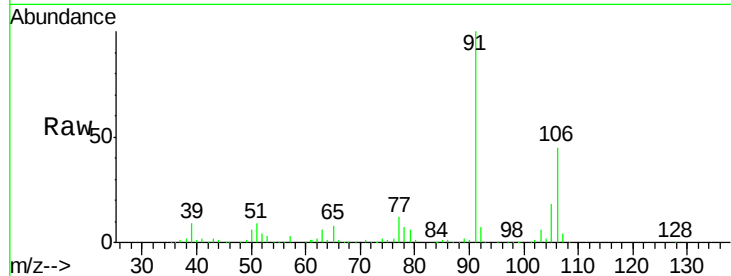
#69
o-Xylene
Concen: 13.231 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampled :
Z2-0161

Tot Ion:106 Resp: 34362
Ion Ratio Lower Upper
106 100
91 219.3 109.4 328.2

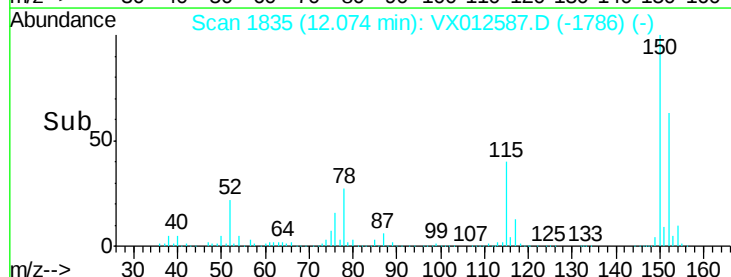
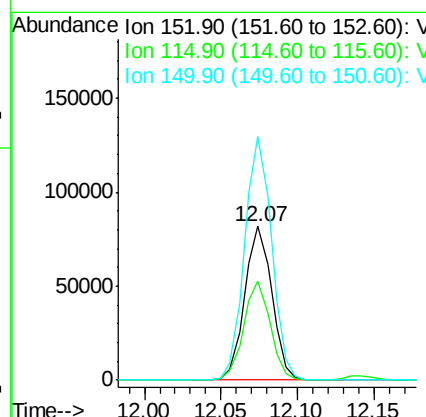
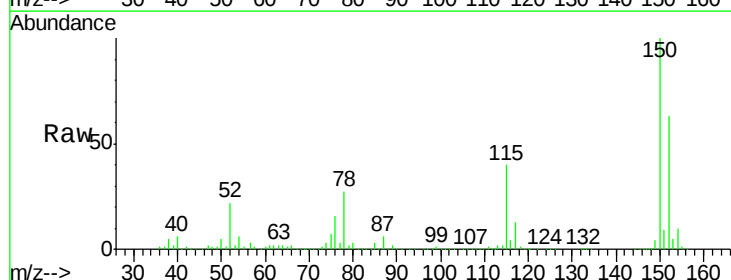
Manual Integrations
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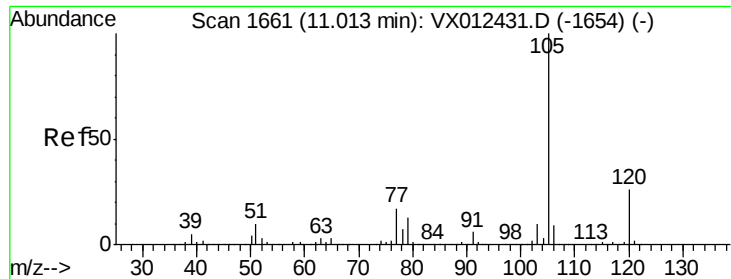
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion:152 Resp: 100992
Ion Ratio Lower Upper
152 100
115 61.6 44.1 132.3
150 157.2 0.0 343.8





#73

Isopropylbenzene

Concen: 18.547 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012587.D

Acq: 21 Sep 2019 03:39

Instrument :

MSVOA_X

ClientSampled :

Z2-0161

Tot Ion: 105 Resp: 117525

Ion Ratio Lower Upper

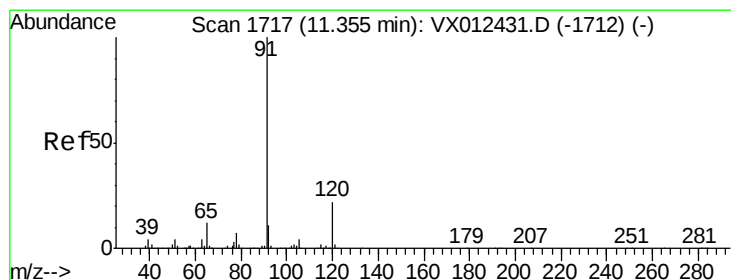
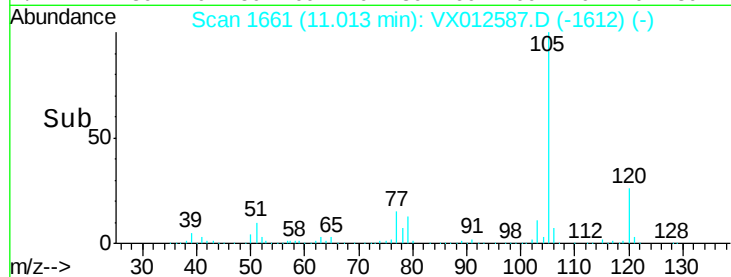
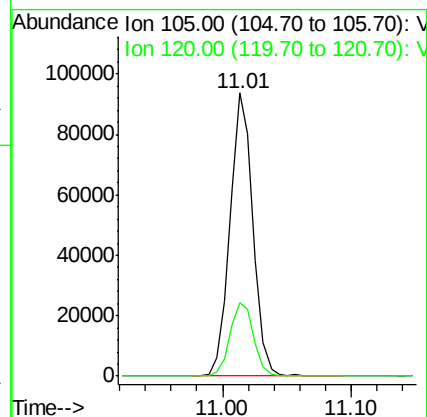
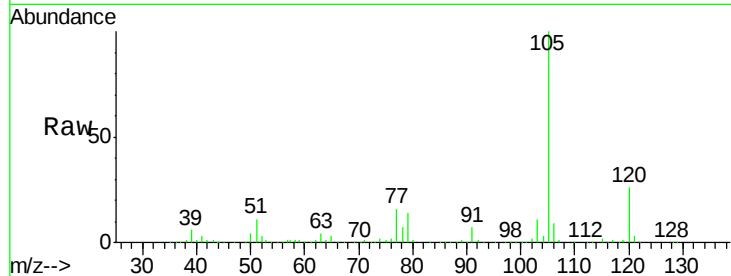
105 100

120 26.7 12.9 38.7

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#78

n-propylbenzene

Concen: 7.387 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012587.D

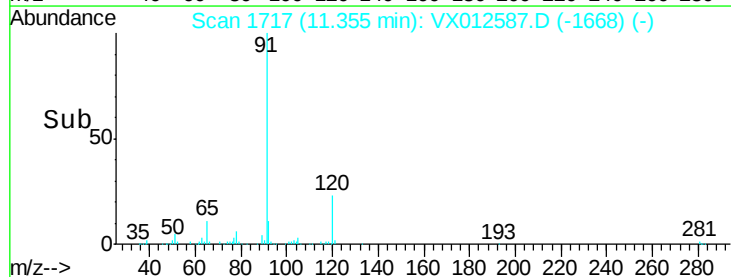
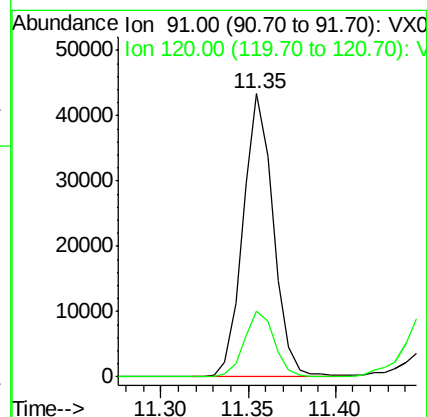
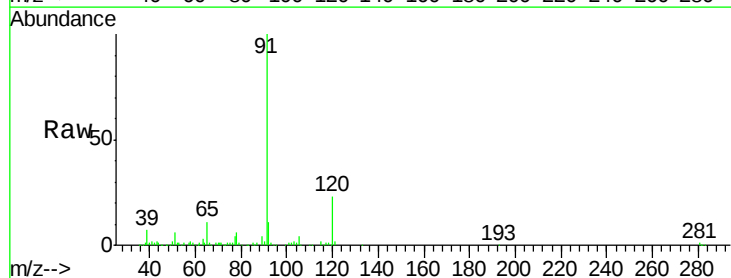
Acq: 21 Sep 2019 03:39

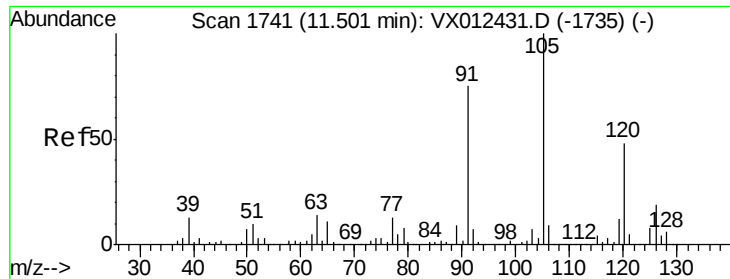
Tgt Ion: 91 Resp: 52168

Ion Ratio Lower Upper

91 100

120 22.9 11.3 33.8





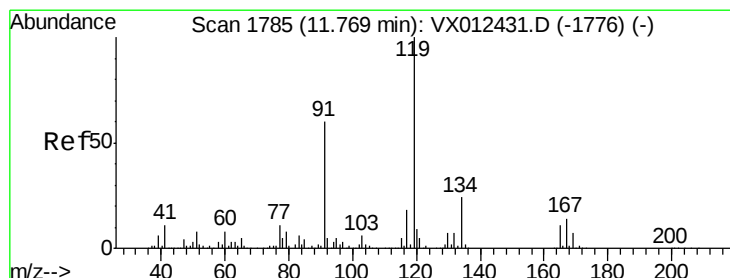
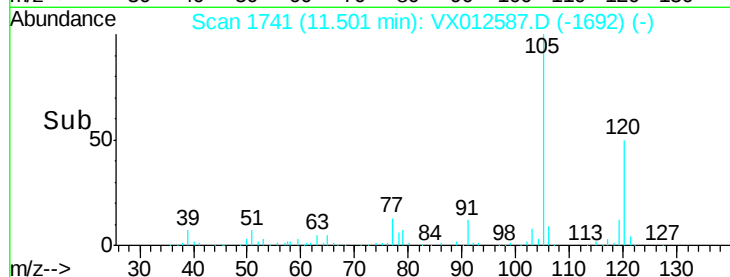
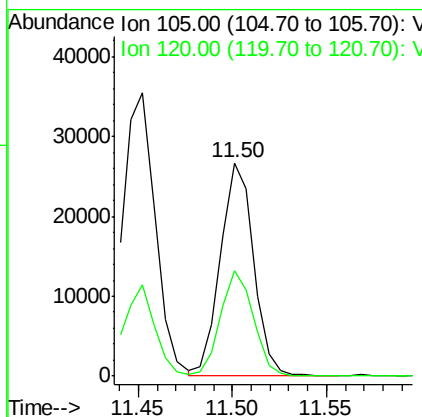
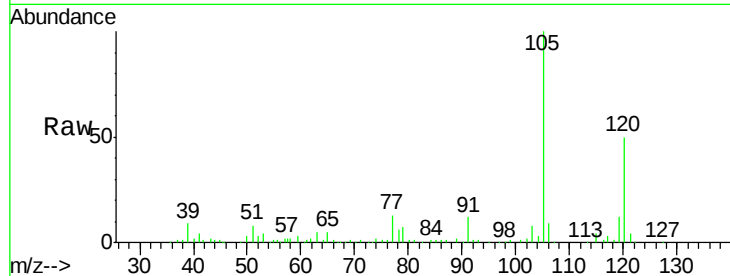
#80
1,3,5-Trimethylbenzene
Concen: 6.012 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampled :
Z2-0161

Tot Ion:105 Resp: 32491
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

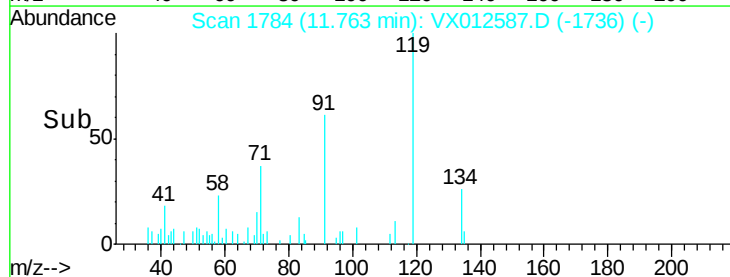
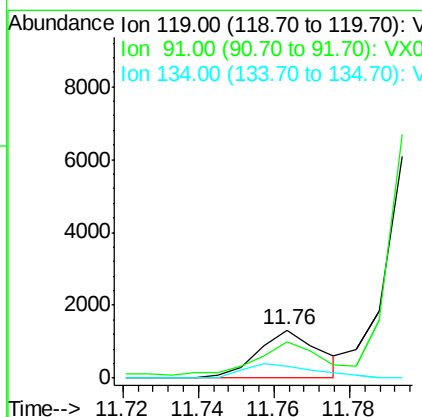
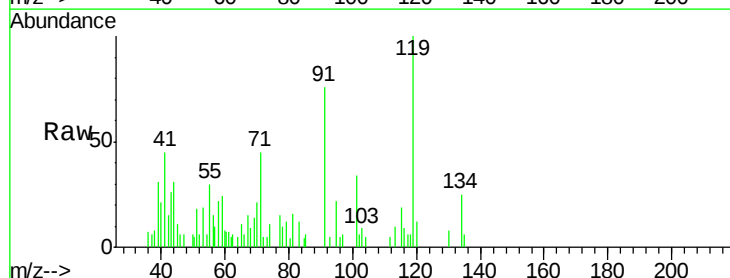
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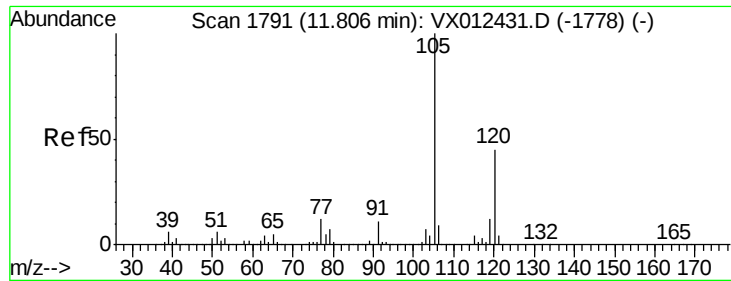
MMDadoda
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#83
tert-Butylbenzene
Concen: 0.259 ug/l m
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion:119 Resp: 1500
Ion Ratio Lower Upper
119 100
91 116.1 30.0 90.0#
134 95.2 11.3 33.9#





#84

1,2,4-Trimethylbenzene

Concen: 24.242 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX012587.D

Acq: 21 Sep 2019 03:39

Instrument :

MSVOA_X

ClientSampleId :

Z2-0161

Tot Ion:105 Resp: 134515

Ion Ratio Lower Upper

105 100

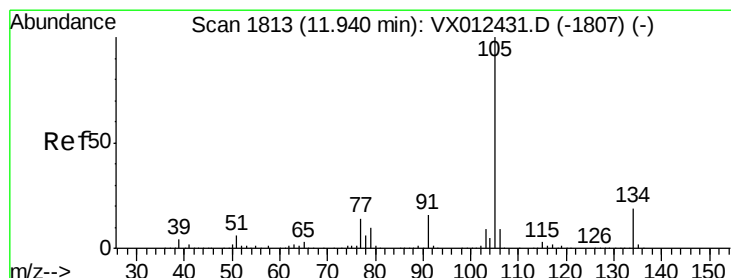
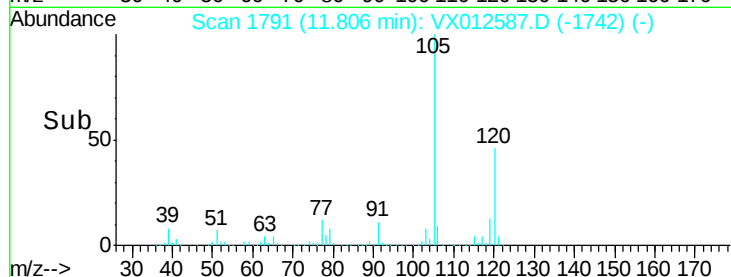
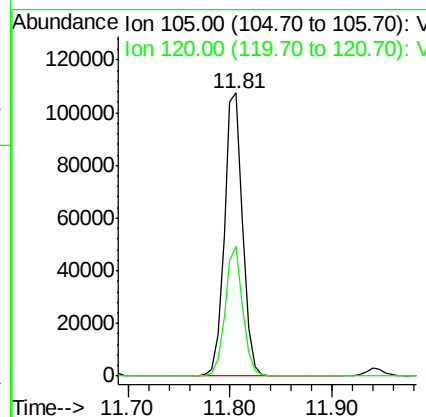
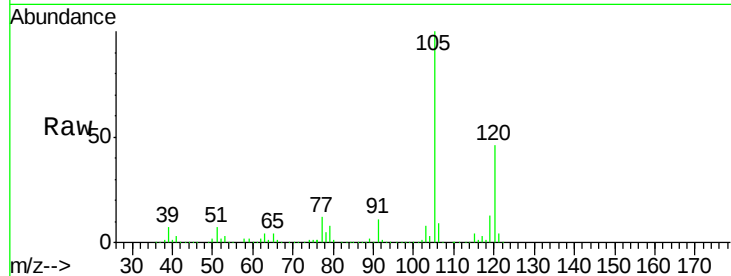
120 44.2 22.2 66.6

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#85

sec-Butylbenzene

Concen: 0.600 ug/l m

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012587.D

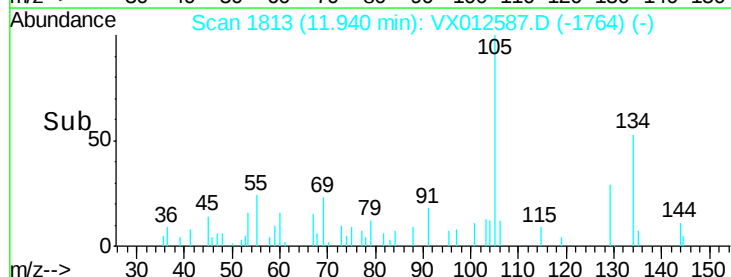
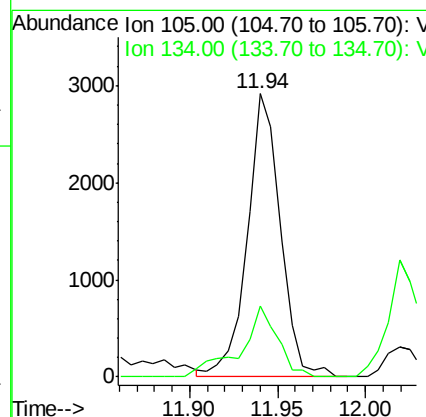
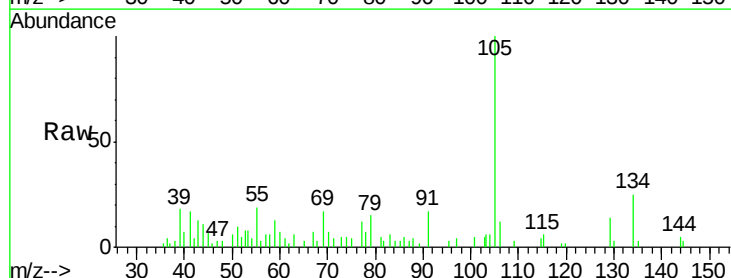
Acq: 21 Sep 2019 03:39

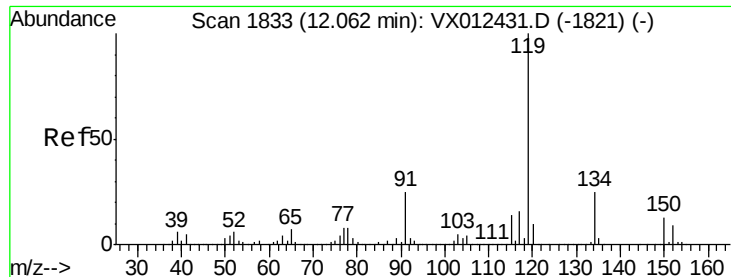
Tgt Ion:105 Resp: 3831

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#





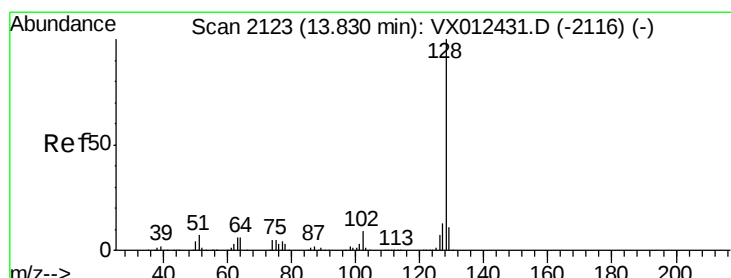
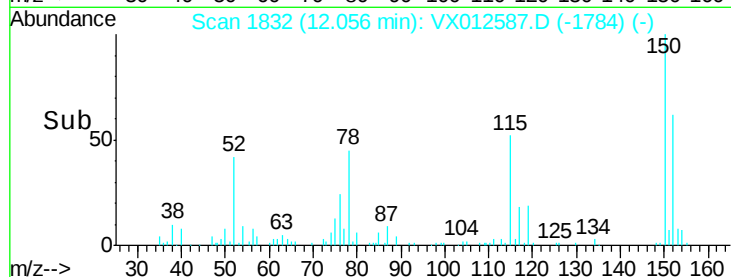
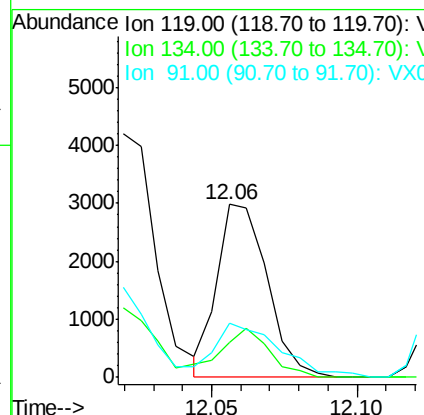
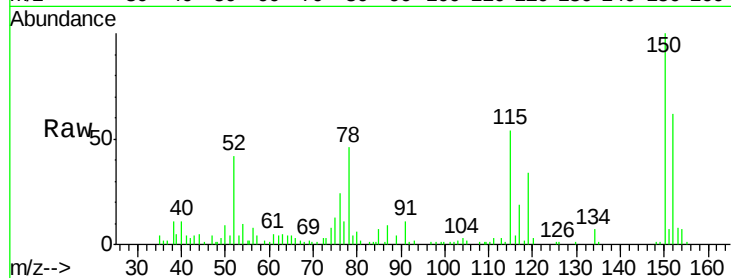
#86
p-Isopropyltoluene
Concen: 0.619 ug/l m
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Instrument :
MSVOA_X
ClientSampled :
Z2-0161

Tot Ion	Ratio	Resp	Lower	Upper
119	100	3625		
134	41.7	12.7	38.1#	
91	48.0	12.8	38.4#	

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#95
Naphthalene
Concen: 1.766 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012587.D
Acq: 21 Sep 2019 03:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	12301		
127	15.9	10.2	15.4#	
129	12.6	8.8	13.2	

