

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011411.D
 Acq On : 09 Aug 2019 15:42
 Operator : JC/SP
 Sample : K4279-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Manual Integrations
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 8/12/2019 12:50:33 PM

Quant Time: Aug 11 00:45:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	228288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	300178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117879	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	5.49	113	95952	44.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.60%	
50) Toluene-d8	8.71	98	384131	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	145442	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	1619	1.480	ug/l	92
31) Cyclohexane	5.57	56	115400	38.978	ug/l	98
39) Methylcyclohexane	7.46	83	124387	36.640	ug/l	98
40) Benzene	6.15	78	13619347	1593.563	ug/l	95
52) Toluene	8.78	92	7700	1.363	ug/l	96
67) Ethyl Benzene	10.25	91	4557088	422.774	ug/l	99
68) m/p-Xylenes	10.35	106	206248	49.468	ug/l	95
69) o-Xylene	10.69	106	25079	6.122	ug/l	95
73) Isopropylbenzene	11.02	105	602058	55.258	ug/l	100
78) n-propylbenzene	11.36	91	789353	65.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	283969	31.135	ug/l	99
83) tert-Butylbenzene	11.77	119	8838	0.988	ug/l	82
84) 1,2,4-Trimethylbenzene	11.80	105	162330	17.876	ug/l	99
85) sec-Butylbenzene	11.94	105	102607	9.547	ug/l	88
86) p-Isopropyltoluene	12.06	119	11432m	1.156	ug/l	
89) n-Butylbenzene	12.38	91	74338	8.727	ug/l #	56
95) Naphthalene	13.83	128	1198955	115.258	ug/l	100

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

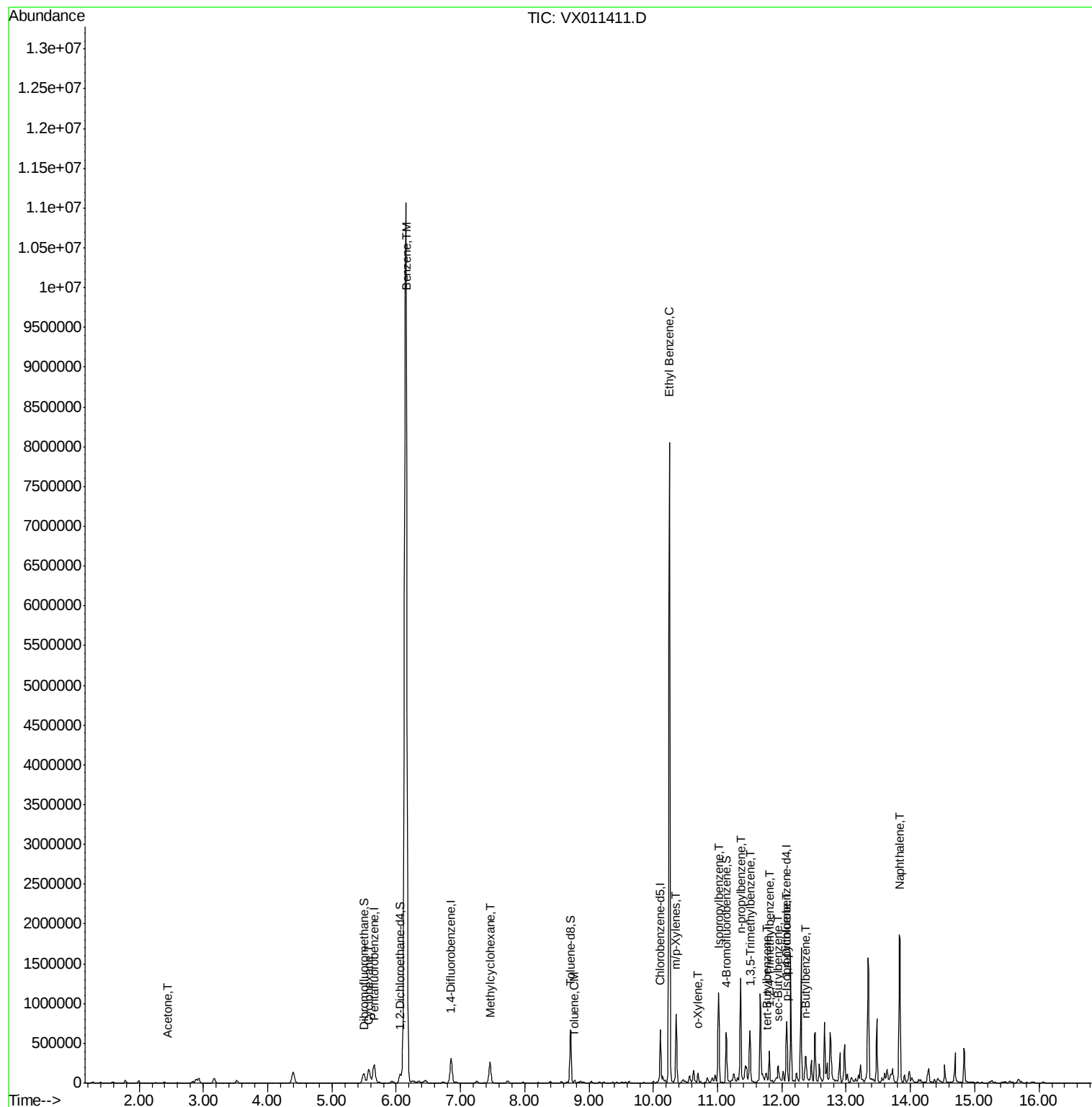
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
Data File : VX011411.D
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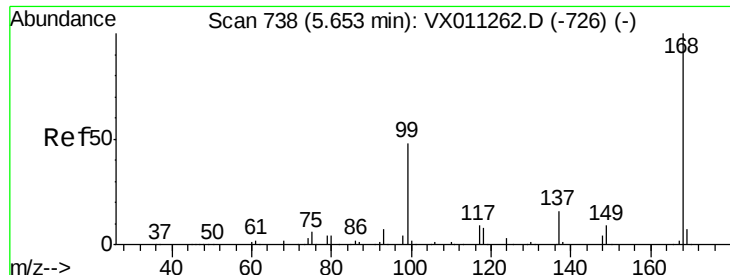
Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

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Quant Time: Aug 11 00:45:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0670

Tot Ion:168 Resp: 228288

Ion Ratio Lower Upper

168 100

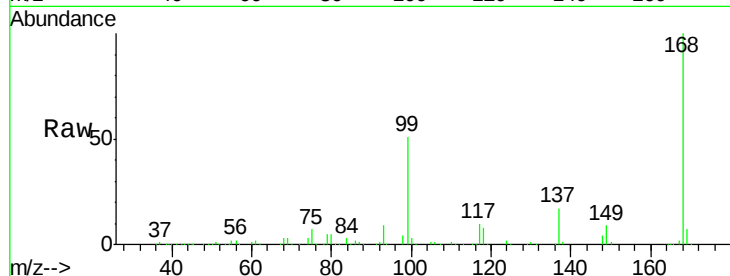
99 51.2 38.5 57.7

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

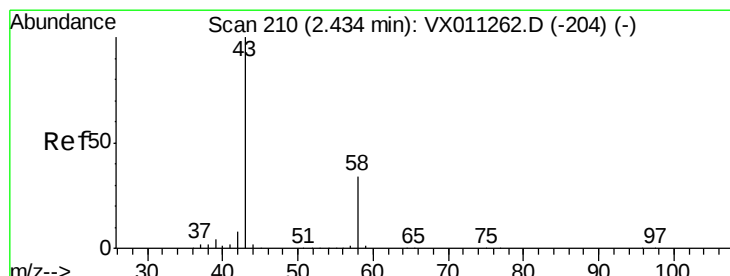
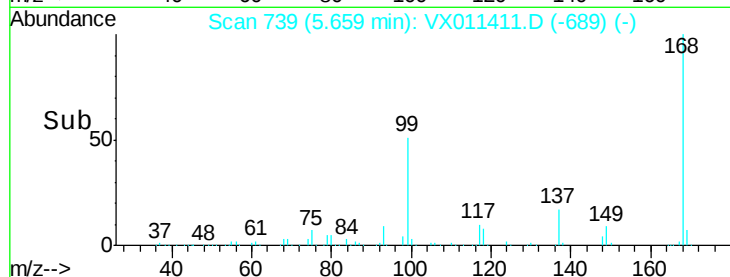
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 1.480 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011411.D

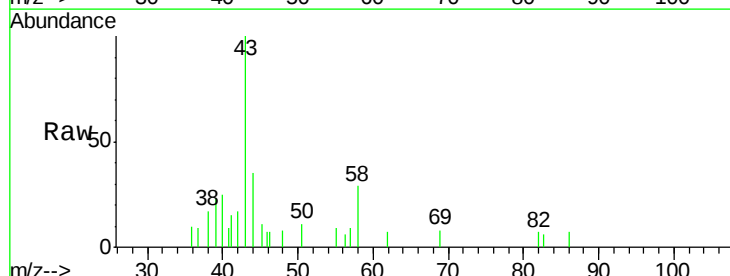
Acq: 09 Aug 2019 15:42

Tgt Ion: 43 Resp: 1619

Ion Ratio Lower Upper

43 100

58 29.3 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

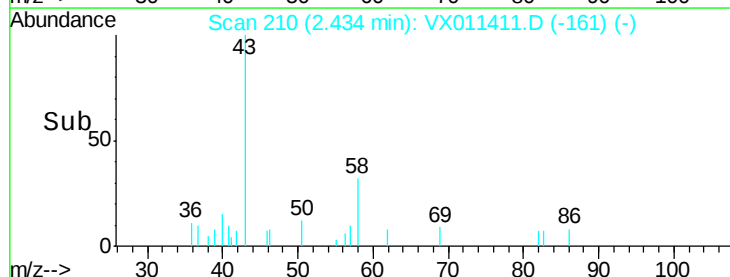
1500

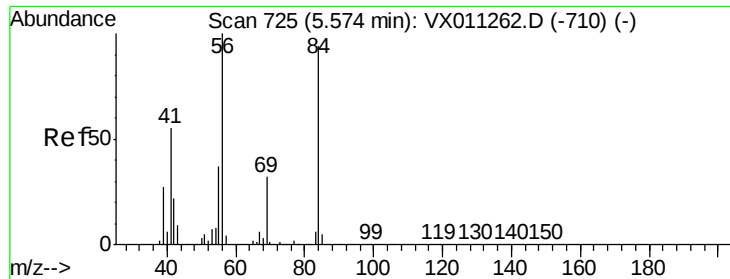
1000

500

0

Time-->





#31

Cyclohexane

Concen: 38.978 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

Instrument :

MSVOA_X

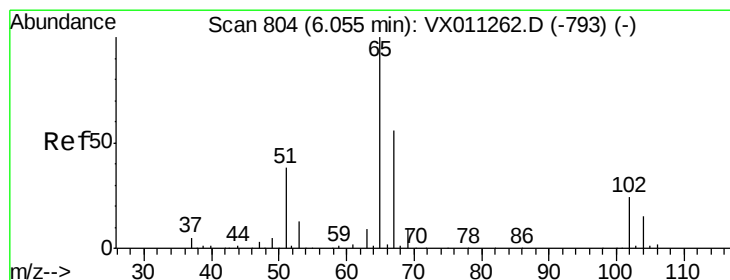
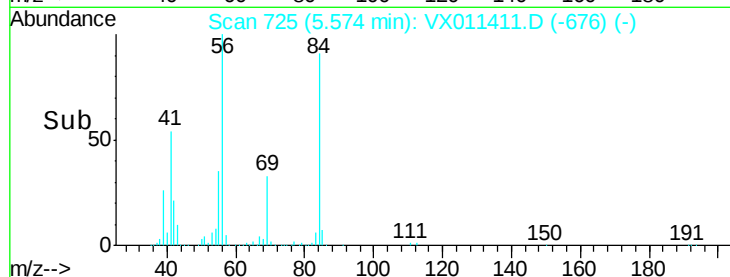
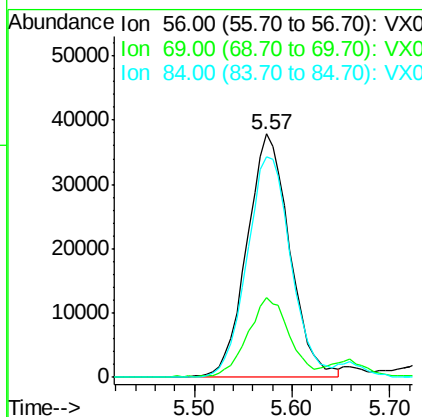
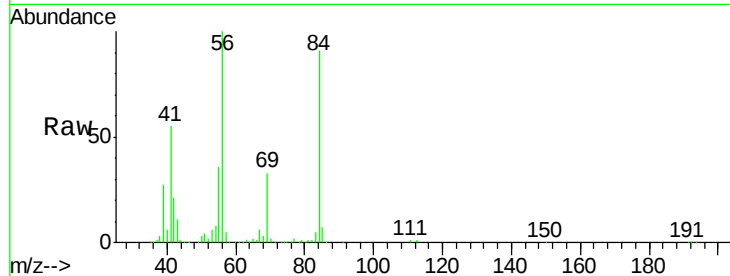
ClientSampled :

Z3-0670

Tot Ion:	56	Resp:	115400
Ion Ratio	Lower	Upper	
56	100		
69	32.1	25.5	38.3
84	90.8	75.0	112.4

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#33

1,2-Dichloroethane-d4

Concen: 51.274 ug/l

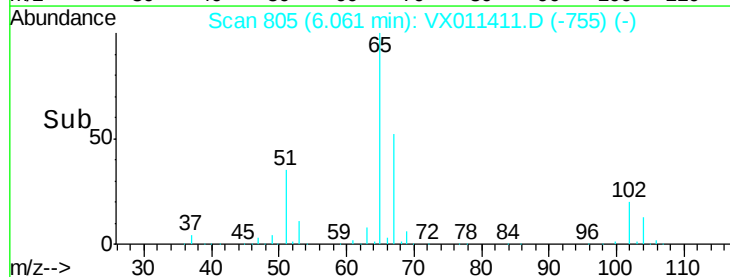
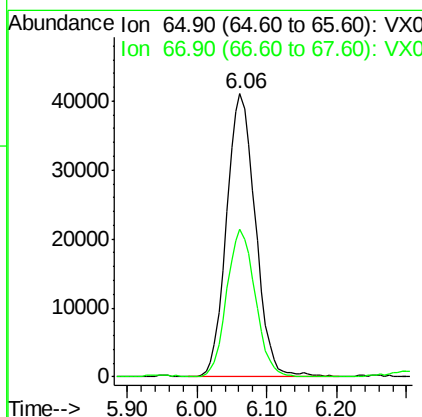
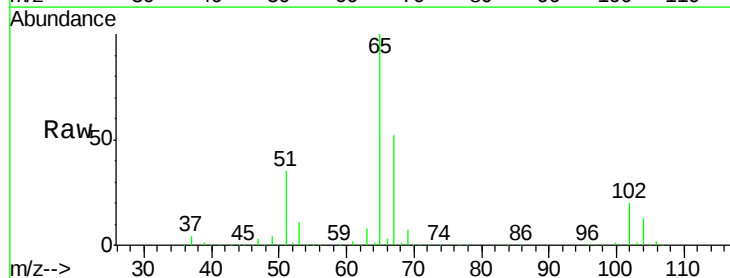
RT: 6.06 min Scan# 805

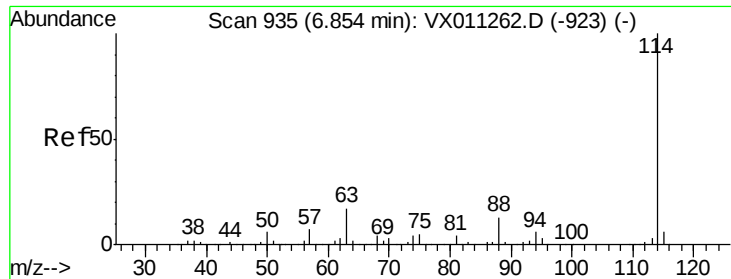
Delta R.T. 0.01 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

Tgt Ion:	65	Resp:	117879
Ion Ratio	Lower	Upper	
65	100		
67	51.5	0.0	110.6





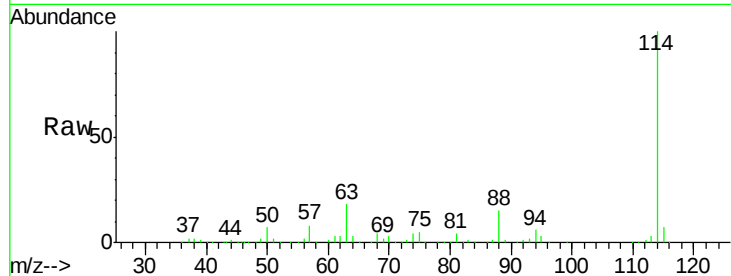
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.4	0.0	34.0
88	15.2	0.0	26.4

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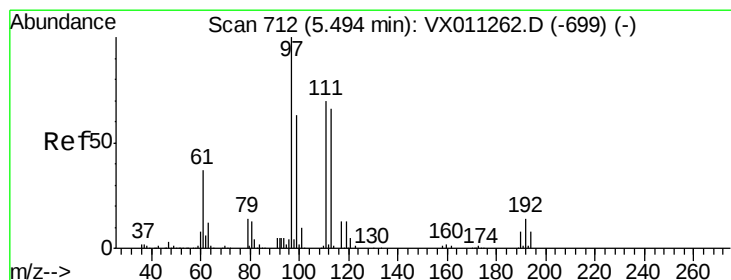
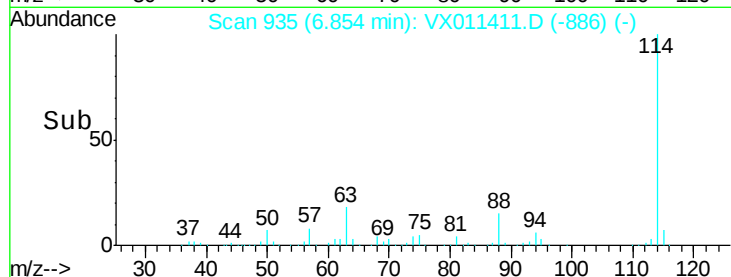
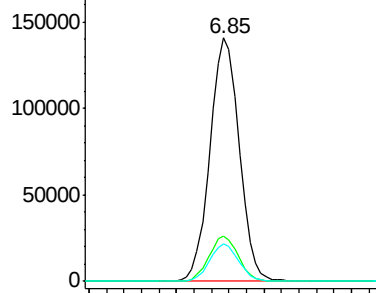
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Abundance Ion 113.90 (113.60 to 114.60): V

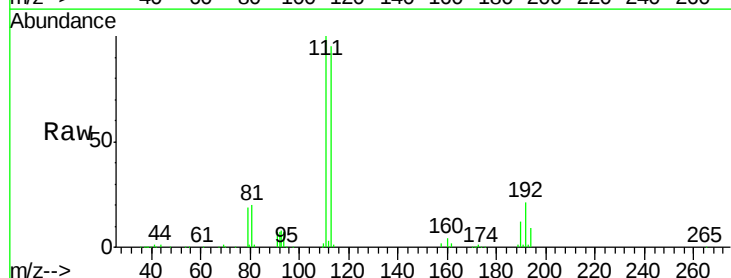
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
Dibromofluoromethane
Concen: 44.803 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

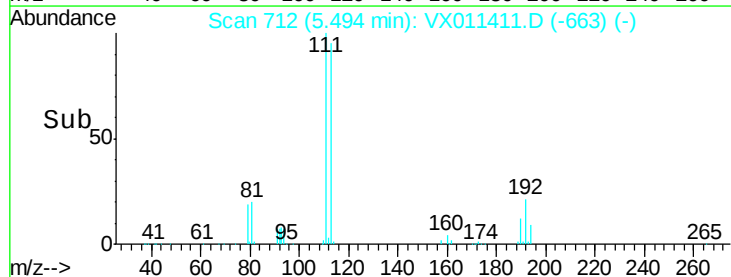
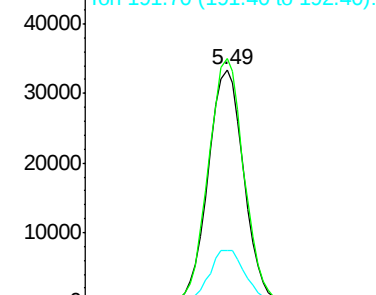
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.3	81.9	122.9
192	22.6	17.8	26.8

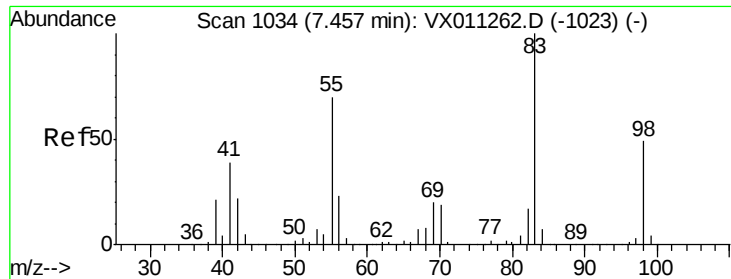


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





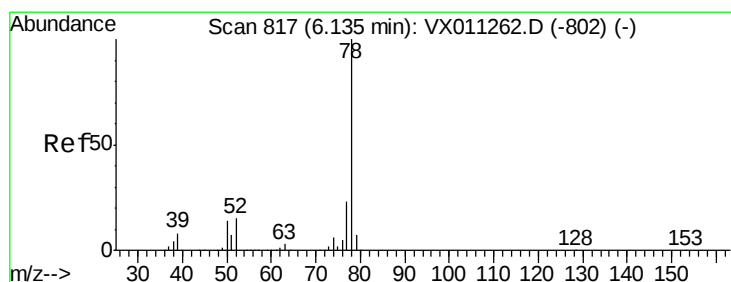
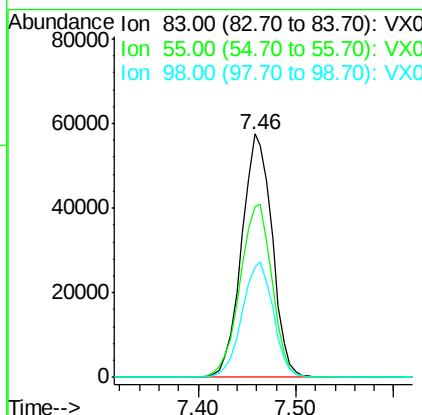
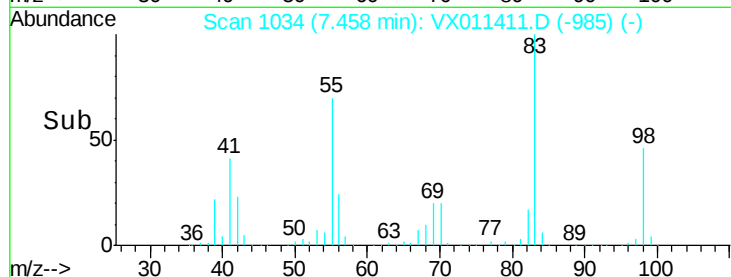
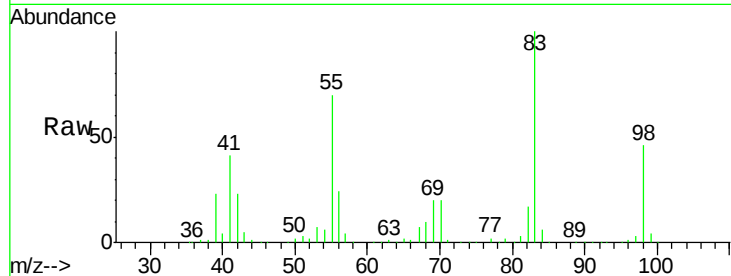
#39
Methvlcvclohexane
Concen: 36.640 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion	Ratio	Resp	Lower	Upper
83	100	124387		
55	70.0	56.1	84.1	
98	45.6	39.0	58.4	

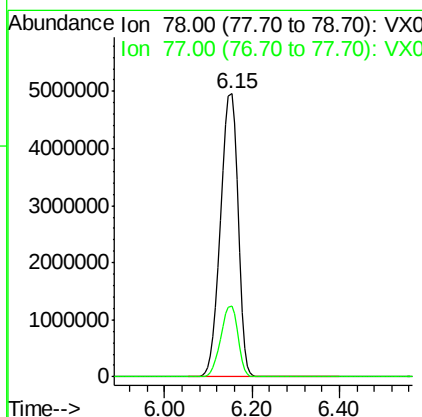
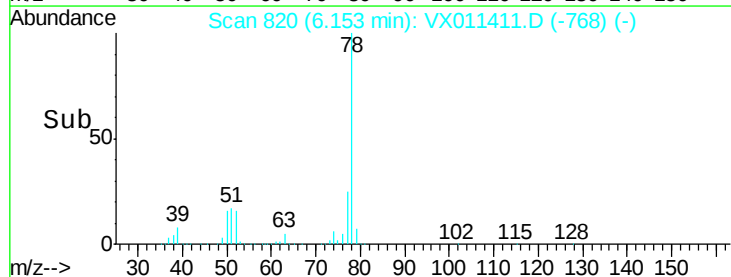
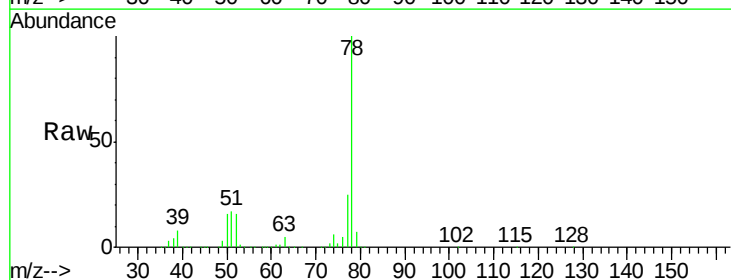
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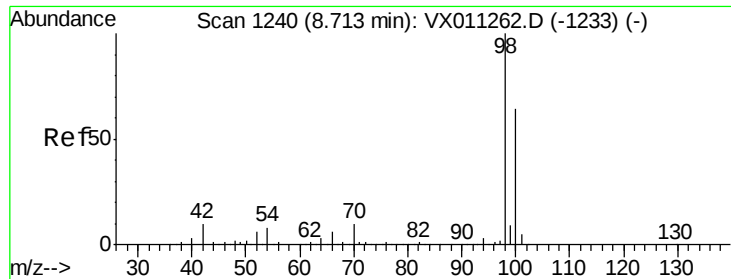
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#40
Benzene
Concen: 1593.563 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.02 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	13619347		
77	25.1	18.2	27.2	





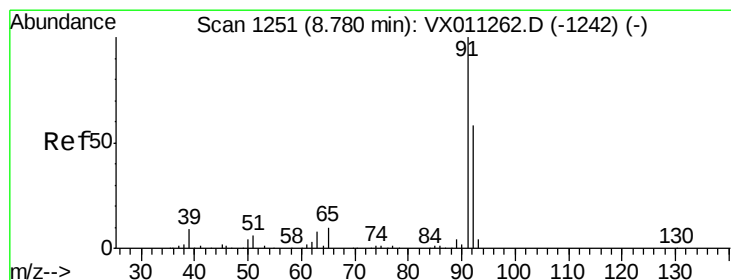
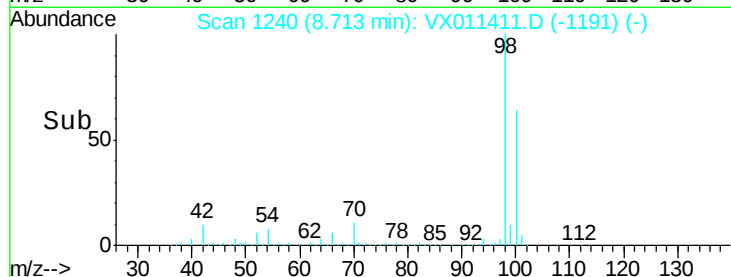
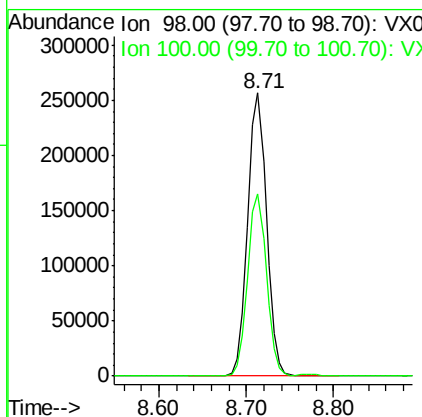
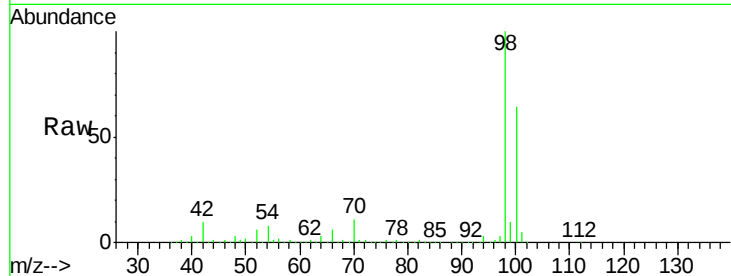
#50
Toluene-d8
Concen: 47.517 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion: 98 Resp: 384131
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

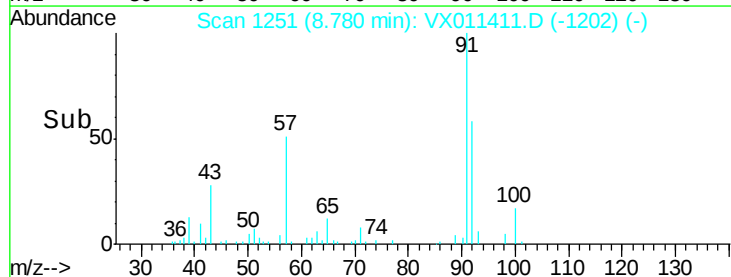
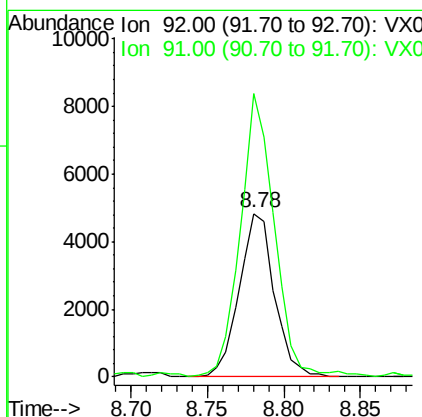
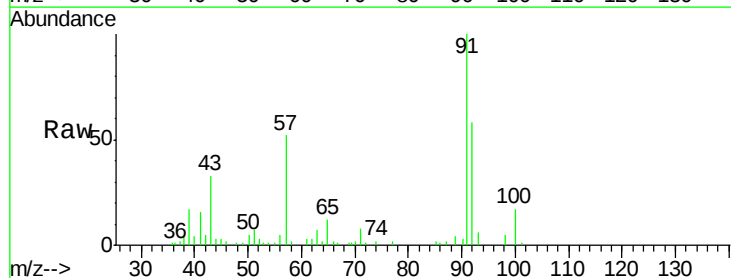
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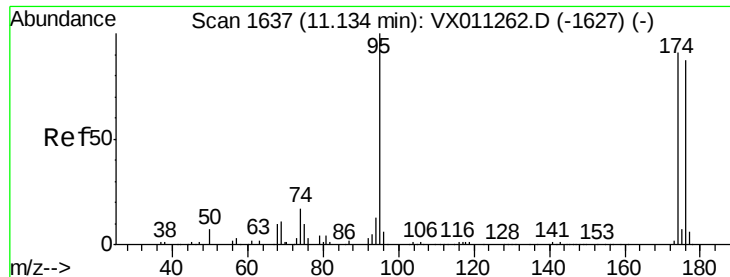
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#52
Toluene
Concen: 1.363 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion: 92 Resp: 7700
Ion Ratio Lower Upper
92 100
91 168.8 139.4 209.0





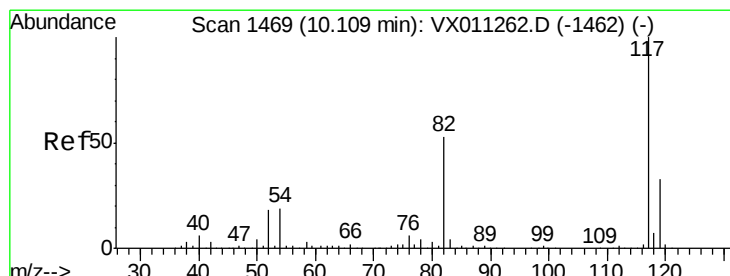
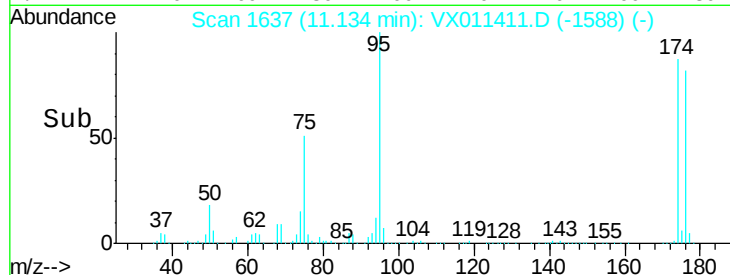
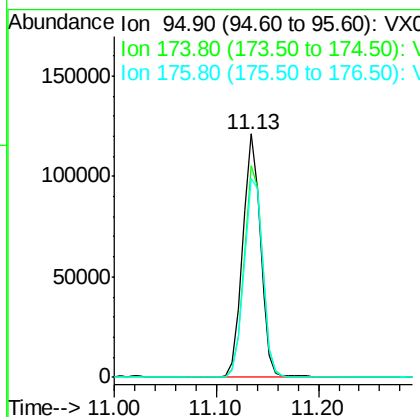
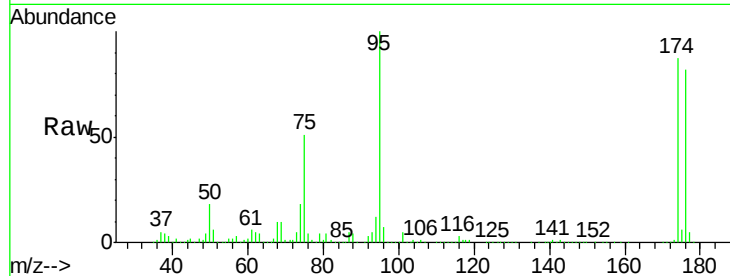
#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion	Ratio	Resp	Lower	Upper
95	100	145442		
174	89.8	0.0	191.2	
176	86.2	0.0	184.8	

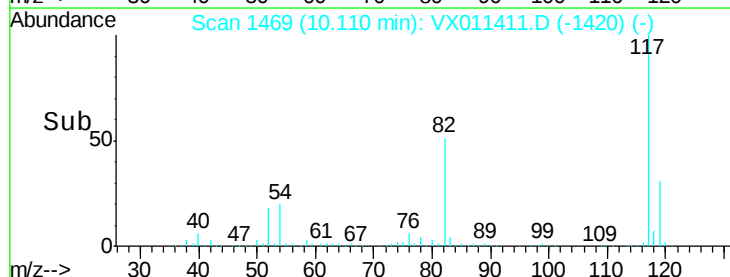
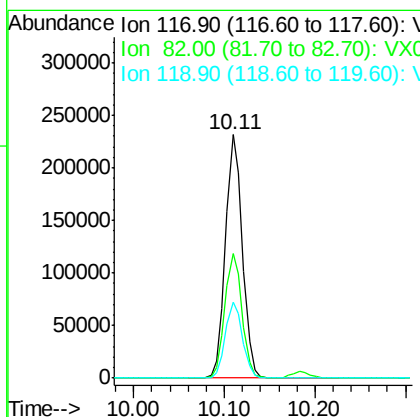
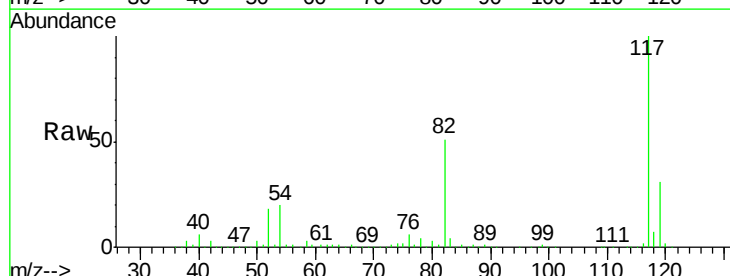
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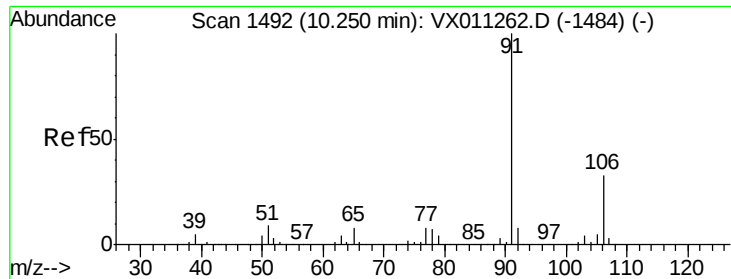
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	300178		
82	51.0	42.2	63.2	
119	31.2	26.6	39.8	





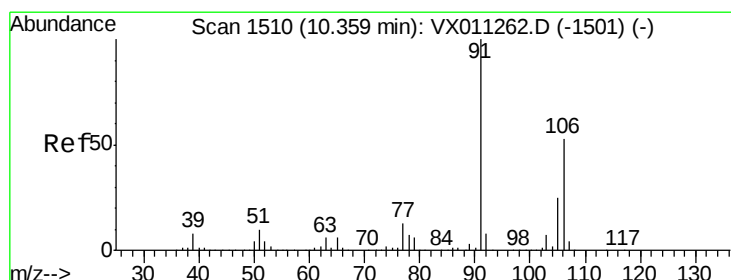
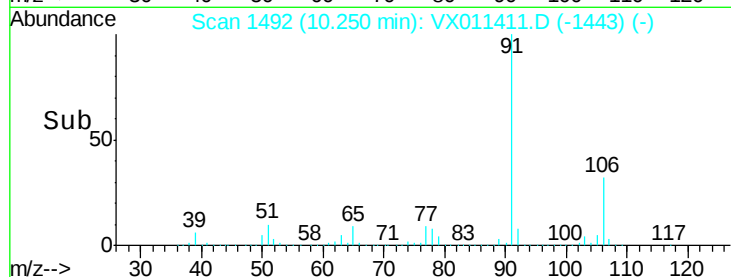
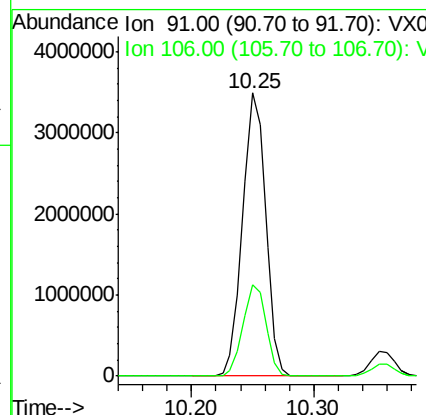
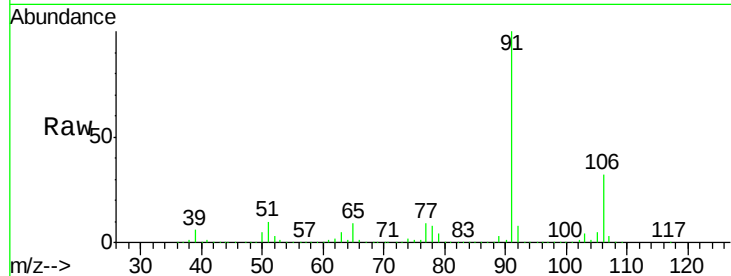
#67
Ethyl Benzene
Concen: 422.774 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion: 91 Resp: 4557088
Ion Ratio Lower Upper
91 100
106 32.2 26.2 39.4

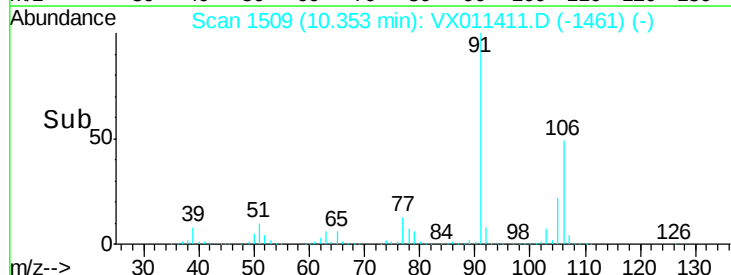
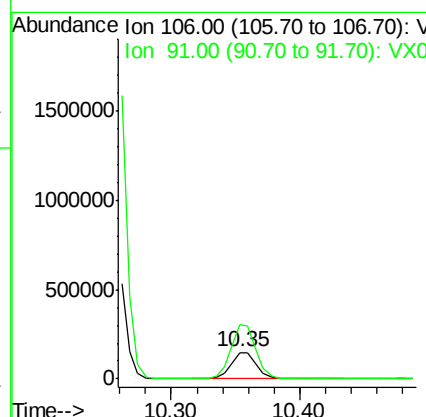
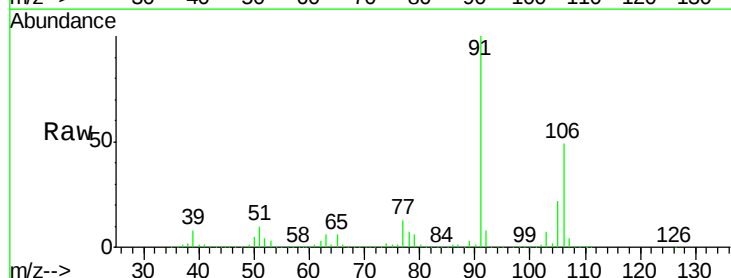
Manual Integrations
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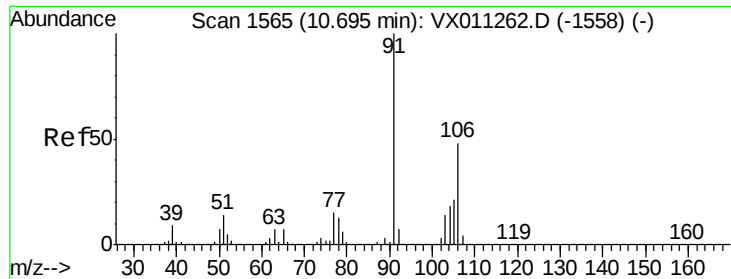
MMDadoda
8/12/2019 12:50:33 PM



#68
m/p-Xylenes
Concen: 49.468 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion: 106 Resp: 206248
Ion Ratio Lower Upper
106 100
91 201.9 155.9 233.9





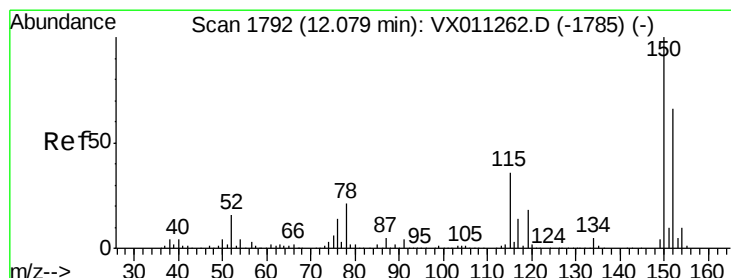
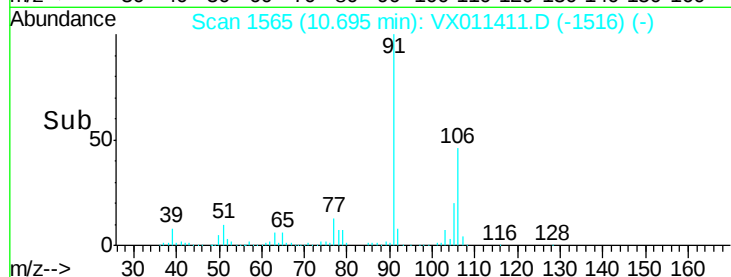
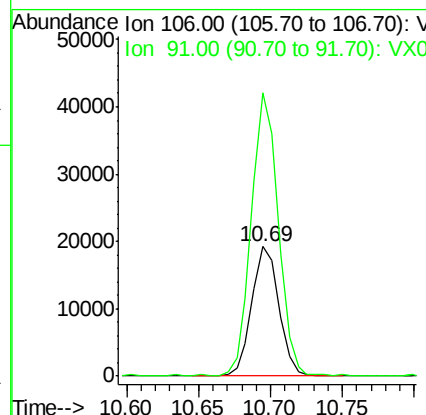
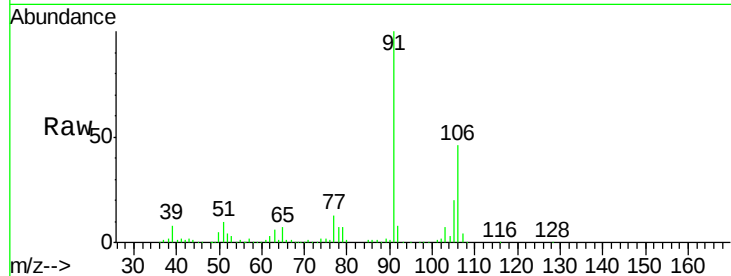
#69
o-Xylene
Concen: 6.122 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.0	103.8	311.3

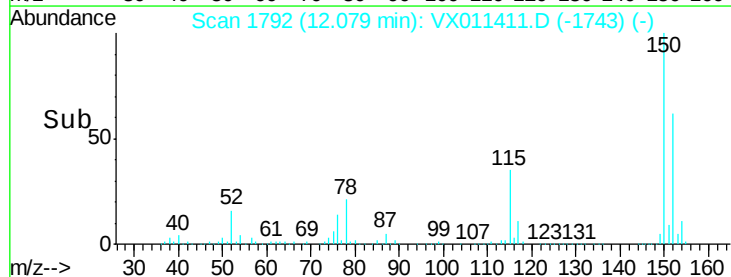
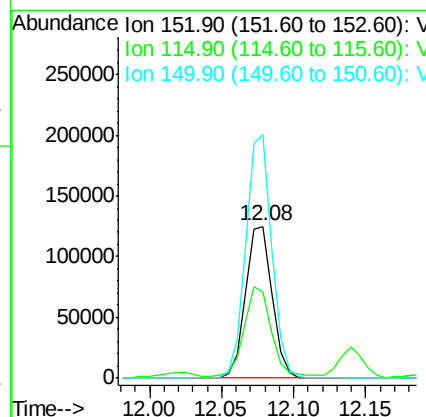
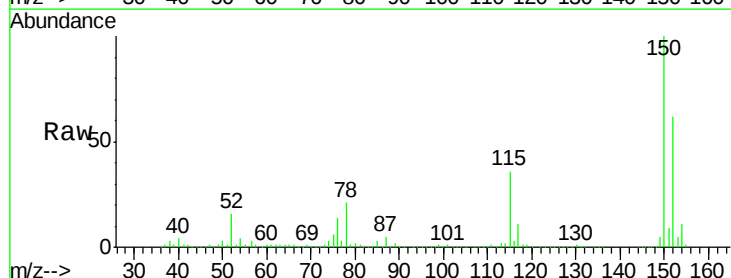
Manual Integrations
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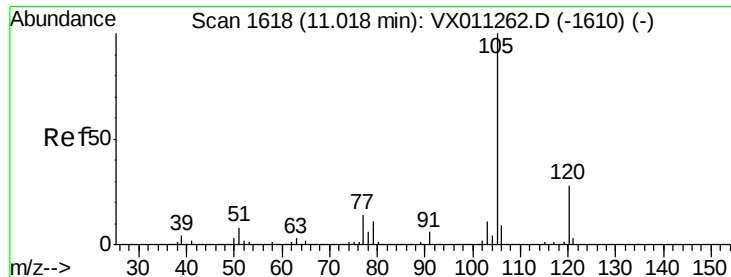
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.8	40.0	119.9
150	156.7	0.0	350.4





#73

Isopropylbenzene

Concen: 55.258 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0670

Tot Ion:105 Resp: 602058

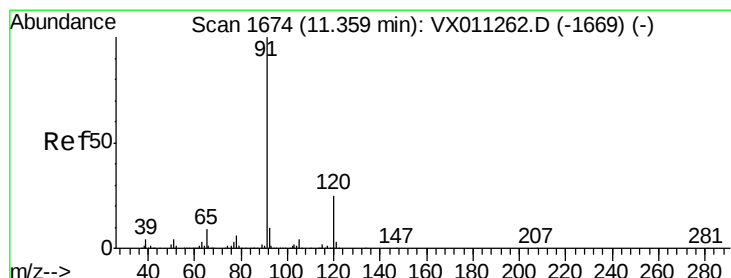
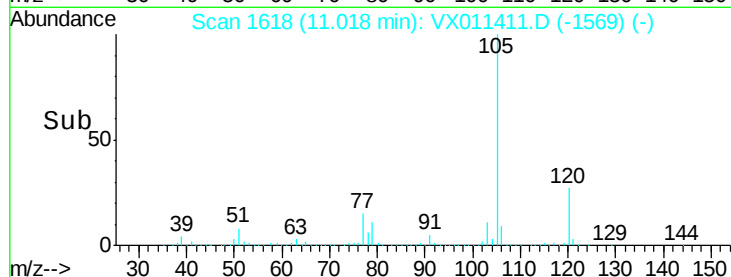
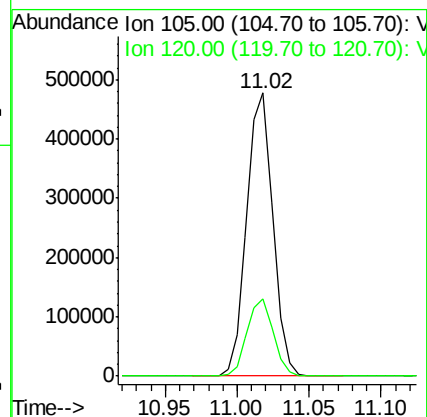
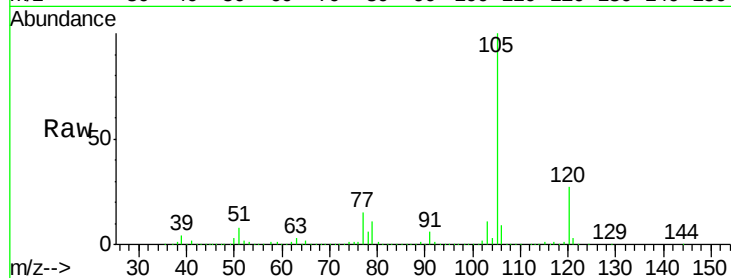
Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1

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#78

n-propylbenzene

Concen: 65.148 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011411.D

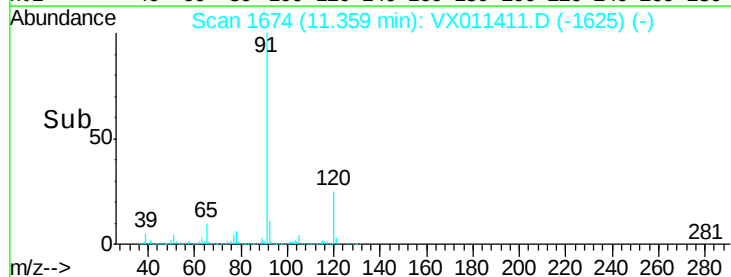
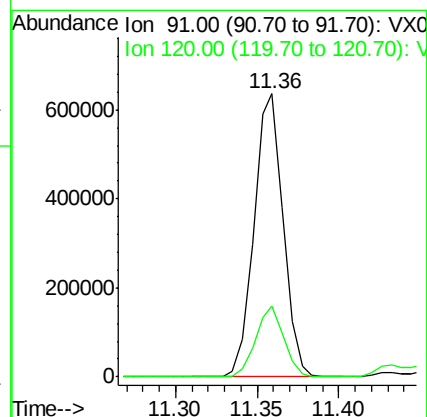
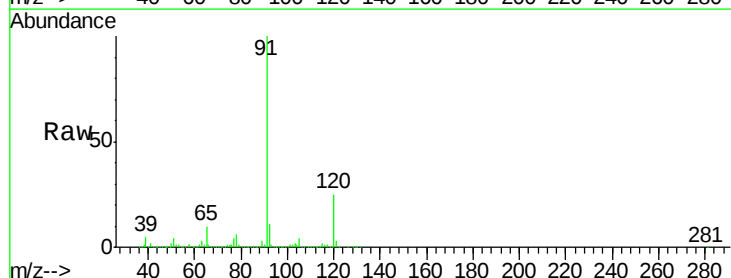
Acq: 09 Aug 2019 15:42

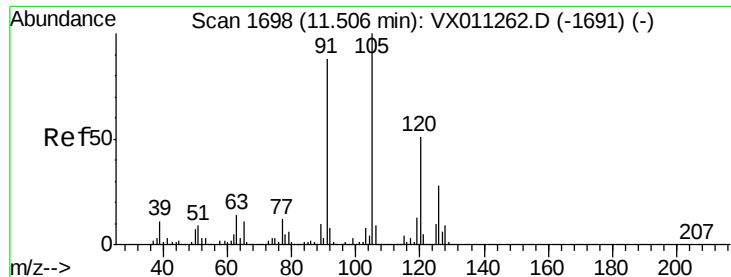
Tgt Ion: 91 Resp: 789353

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.0





#80

1,3,5-Trimethylbenzene

Concen: 31.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

Instrument :

MSVOA_X

ClientSampled :

Z3-0670

Tot Ion:105 Resp: 283969

Ion Ratio Lower Upper

105 100

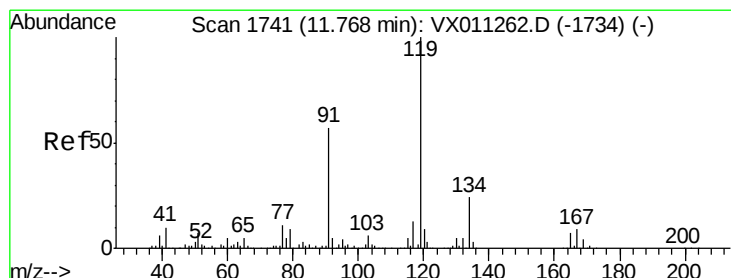
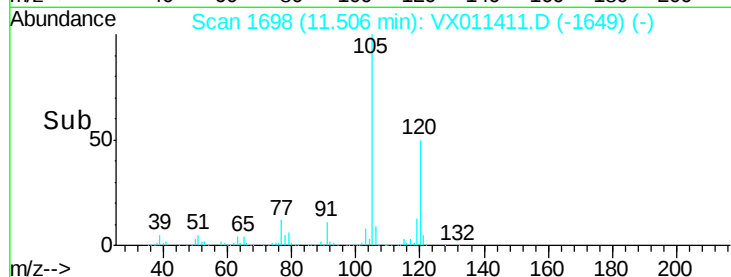
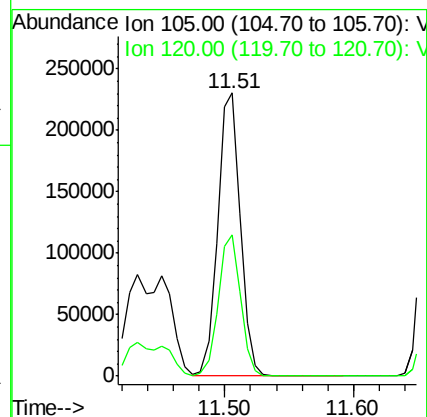
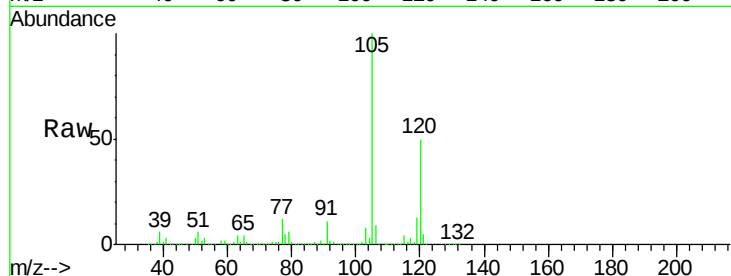
120 49.6 25.1 75.2

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#83

tert-Butylbenzene

Concen: 0.988 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011411.D

Acq: 09 Aug 2019 15:42

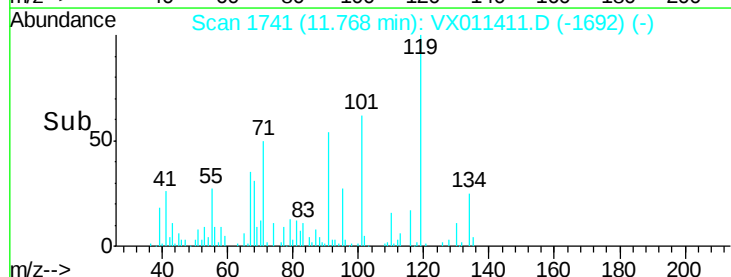
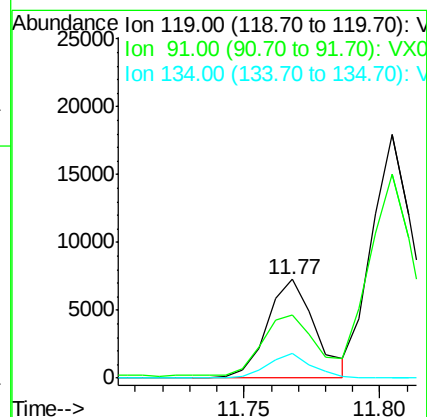
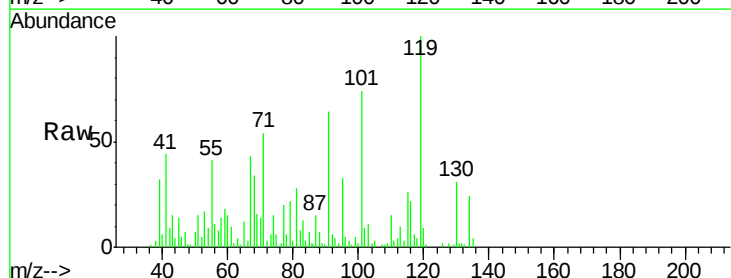
Tgt Ion:119 Resp: 8838

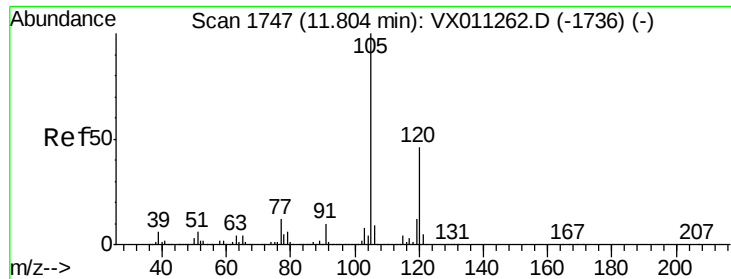
Ion Ratio Lower Upper

119 100

91 74.1 28.0 84.0

134 23.2 11.9 35.5





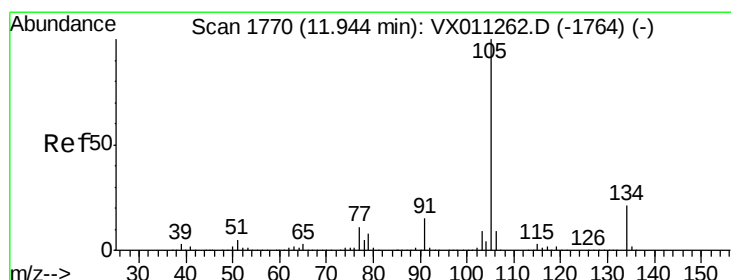
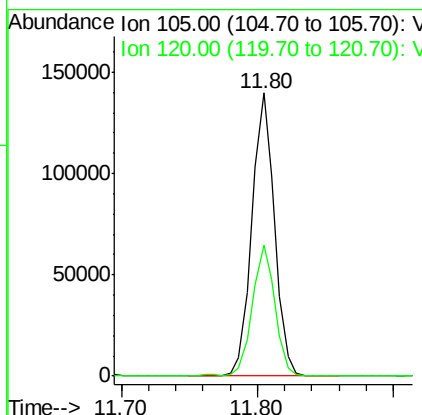
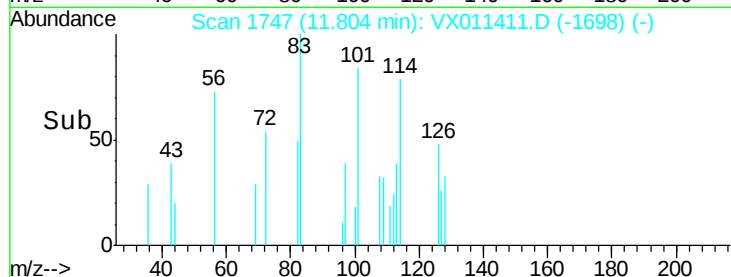
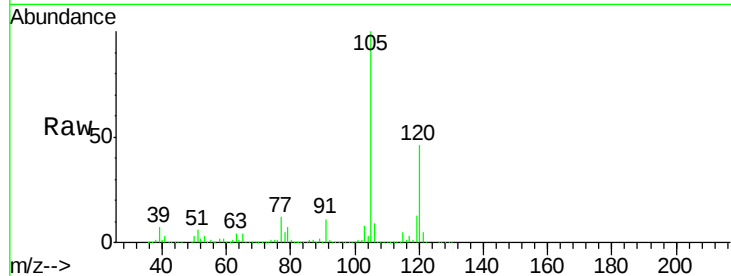
#84
 1,2,4-Trimethylbenzene
 Concen: 17.876 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011411.D
 Acq: 09 Aug 2019 15:42

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.0	69.0

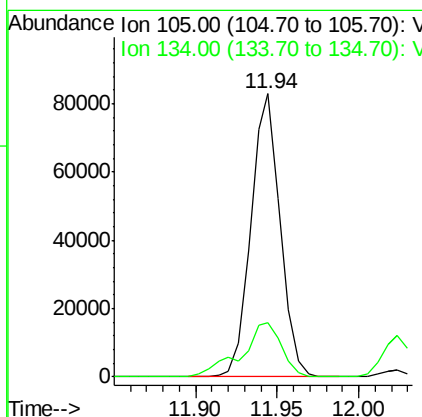
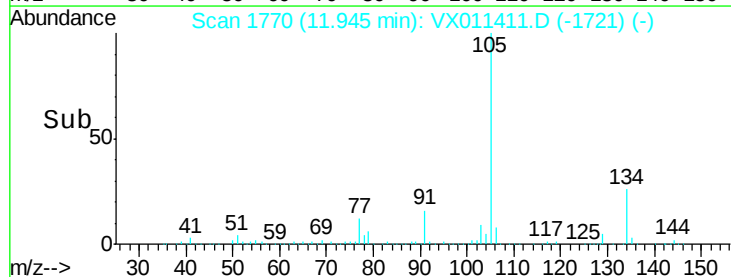
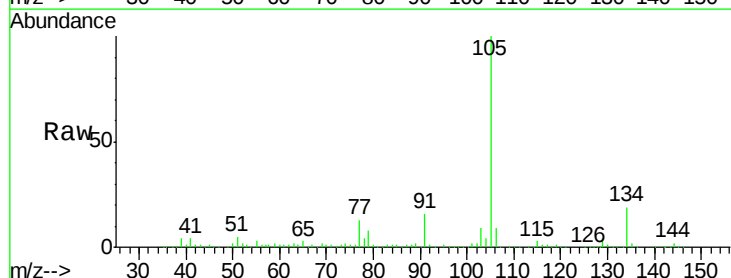
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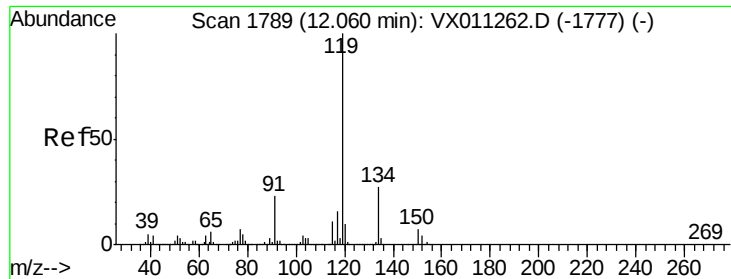
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#85
 sec-Butylbenzene
 Concen: 9.547 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX011411.D
 Acq: 09 Aug 2019 15:42

Tgt Ion	Ratio	Lower	Upper
105	100		
134	26.3	10.4	31.4





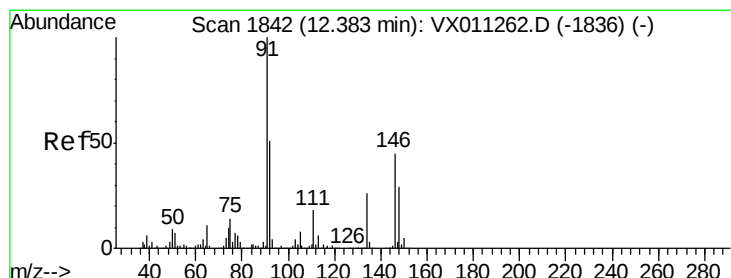
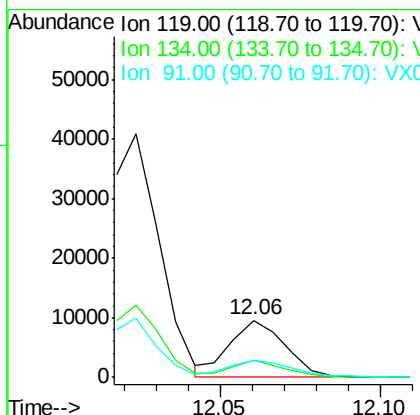
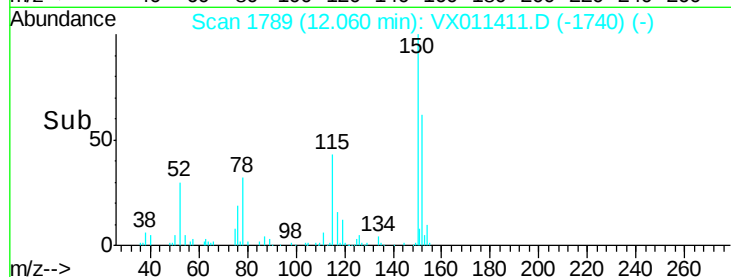
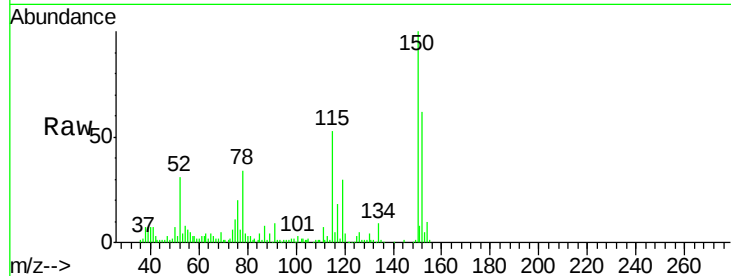
#86
p-Isopropyltoluene
Concen: 1.156 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion	Ratio	Resp	Lower	Upper
119	100	11432		
134	126.1	13.7	41.0#	
91	97.0	11.4	34.2#	

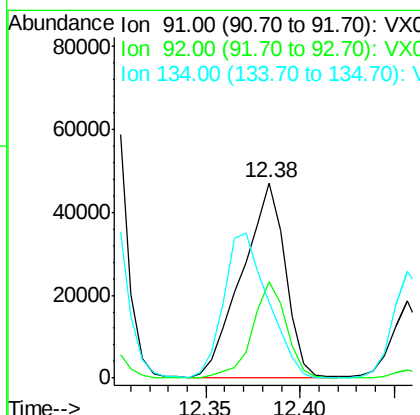
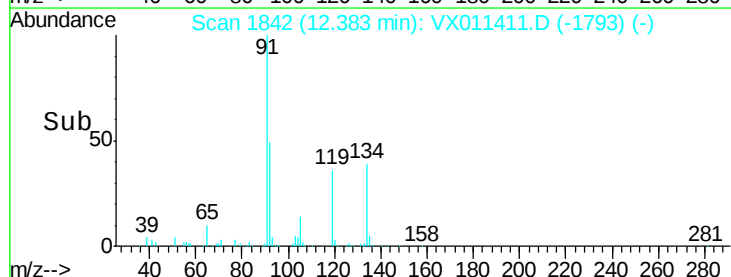
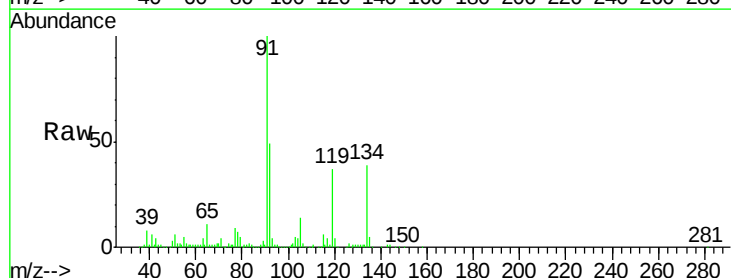
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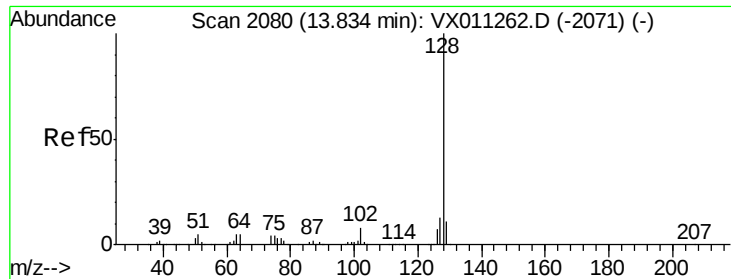
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#89
n-Butylbenzene
Concen: 8.727 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	74338		
92	39.1	25.8	77.3	
134	76.6	13.7	41.0#	





#95
Naphthalene
Concen: 115.258 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011411.D
Acq: 09 Aug 2019 15:42

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
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8/12/2019 12:50:33 PM

