

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
 Data File : VX011529.D
 Acq On : 13 Aug 2019 12:34
 Operator : JC/SP
 Sample : K4279-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Manual Integrations
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 8/14/2019 11:31:27 AM

Quant Time: Aug 14 01:34:22 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	199287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265971	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	109077	54.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.70%	
35) Dibromofluoromethane	5.49	113	89115	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
50) Toluene-d8	8.71	98	344515	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.13	95	128427	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	2566	2.686	ug/l	99
31) Cyclohexane	5.57	56	104943	40.605	ug/l	98
39) Methylcyclohexane	7.46	83	112059	36.488	ug/l	99
40) Benzene	6.15	78	13268415	1716.147	ug/l	94
52) Toluene	8.78	92	7133	1.395	ug/l	99
67) Ethyl Benzene	10.25	91	4402074	460.917	ug/l	99
68) m/p-Xylenes	10.35	106	197036	53.337	ug/l	96
69) o-Xylene	10.69	106	23185	6.388	ug/l	100
73) Isopropylbenzene	11.02	105	560512	58.988	ug/l	99
78) n-propylbenzene	11.36	91	730409	69.122	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	270595	34.019	ug/l	98
83) tert-Butylbenzene	11.77	119	8062	1.033	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	133065	16.802	ug/l	99
85) sec-Butylbenzene	11.94	105	91695	9.783	ug/l	84
86) p-Isopropyltoluene	12.06	119	9702m	1.125	ug/l	
89) n-Butylbenzene	12.38	91	44644m	6.010	ug/l	
95) Naphthalene	13.83	128	1085941	119.701	ug/l	100

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

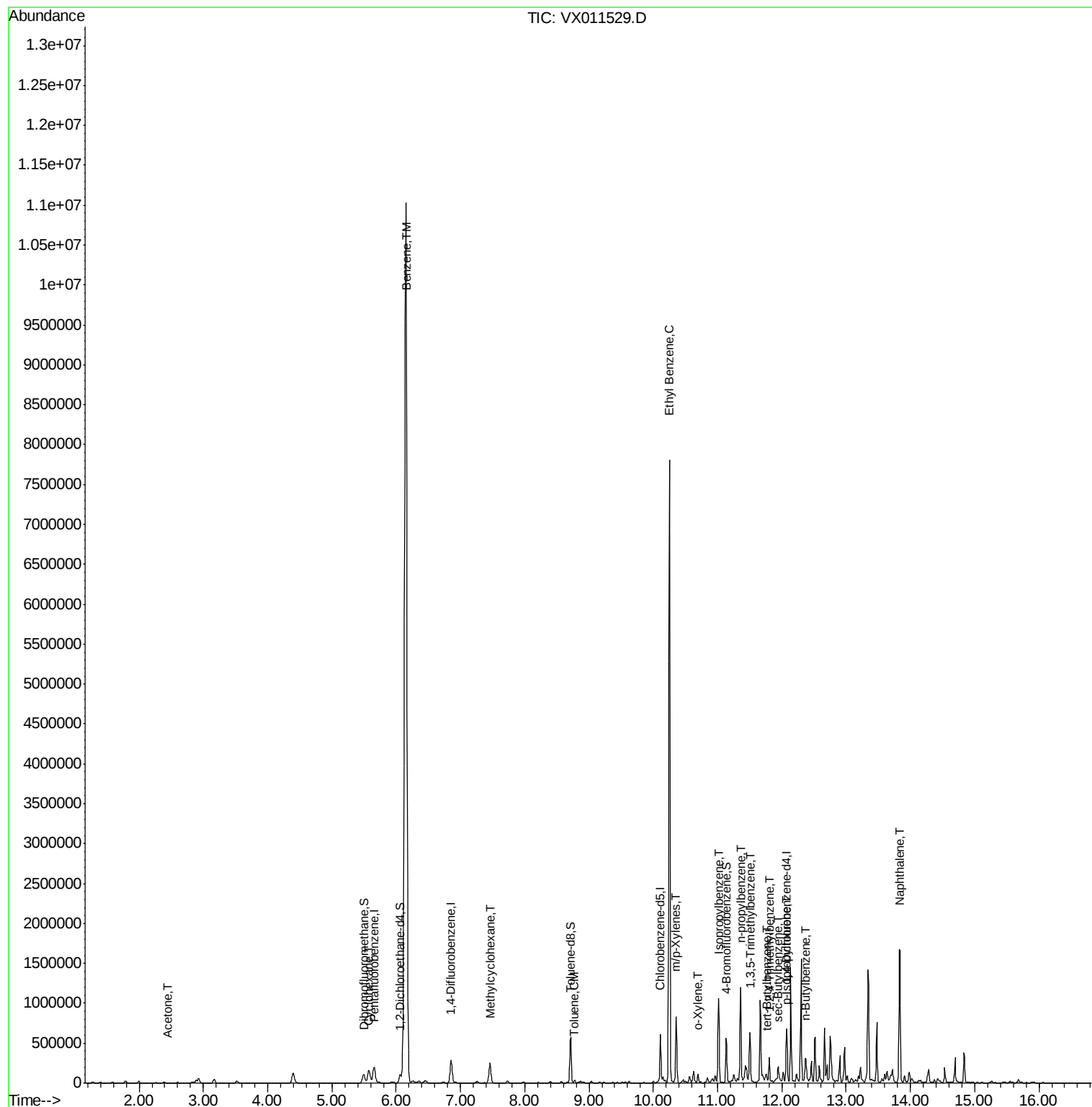
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081319\
Data File : VX011529.D
Acq On : 13 Aug 2019 12:34
Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

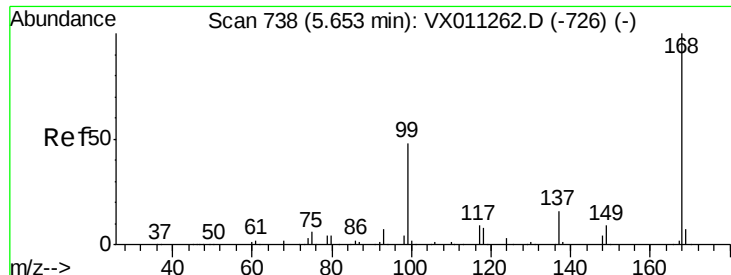
Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

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Quant Time: Aug 14 01:34:22 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: VX011529.D

Acq: 13 Aug 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

Z3-0670

Tot Ion:168 Resp: 199287

Ion Ratio Lower Upper

168 100

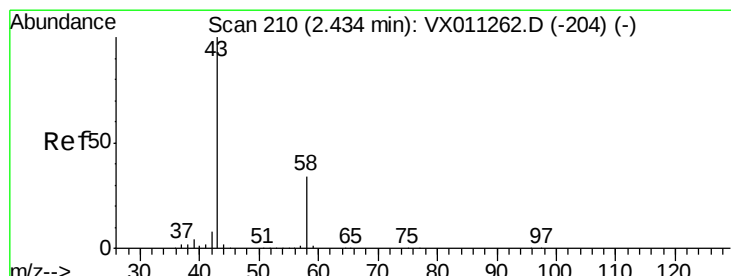
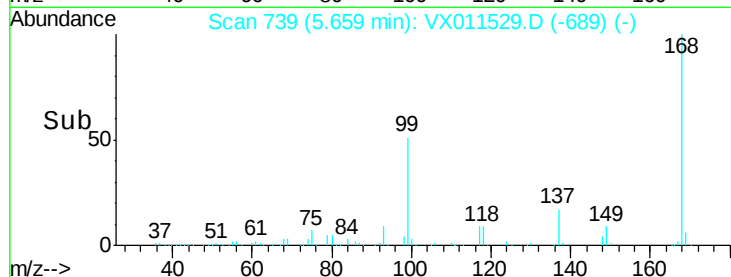
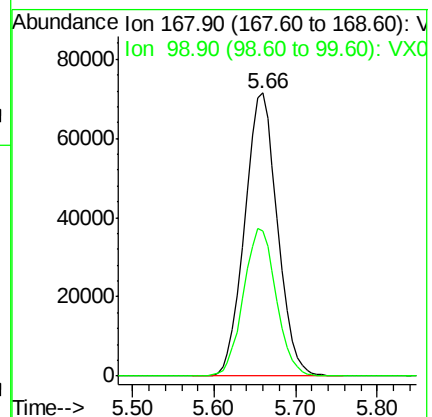
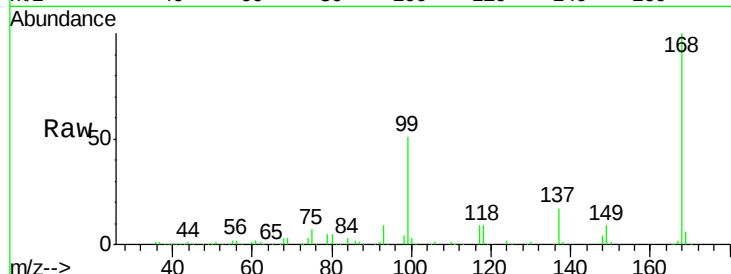
99 51.2 38.5 57.7

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#16

Acetone

Concen: 2.686 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011529.D

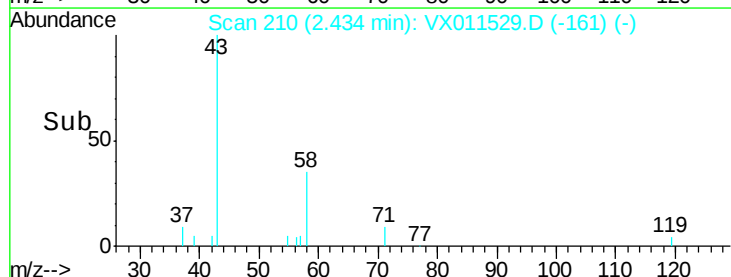
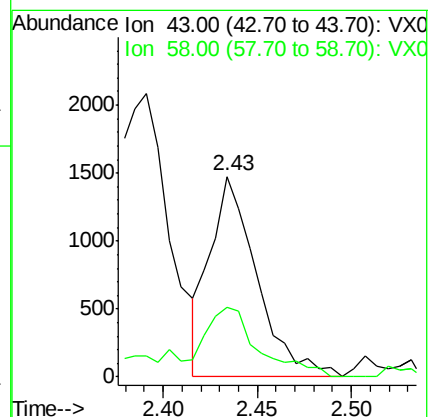
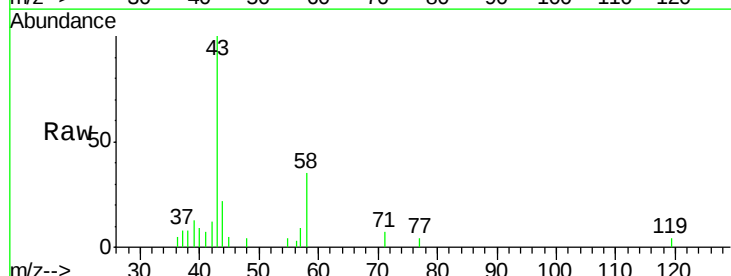
Acq: 13 Aug 2019 12:34

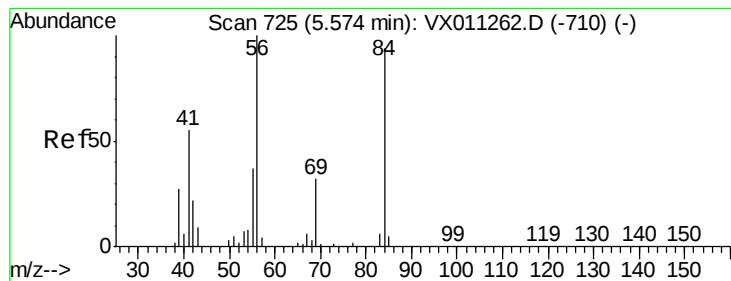
Tgt Ion: 43 Resp: 2566

Ion Ratio Lower Upper

43 100

58 35.0 27.4 41.0





#31

Cyclohexane

Concen: 40.605 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011529.D

Acq: 13 Aug 2019 12:34

Instrument :

MSVOA_X

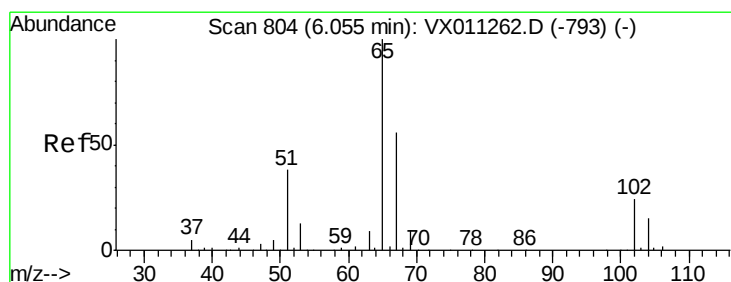
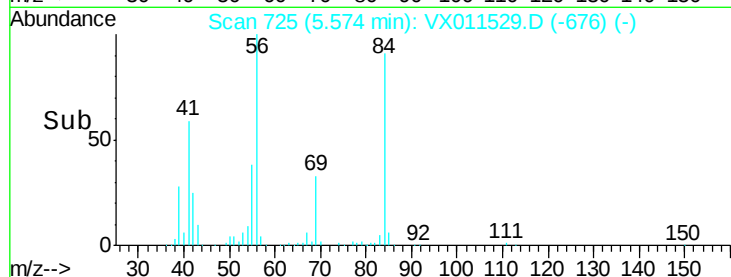
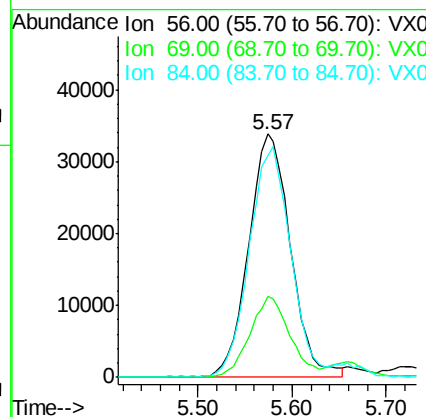
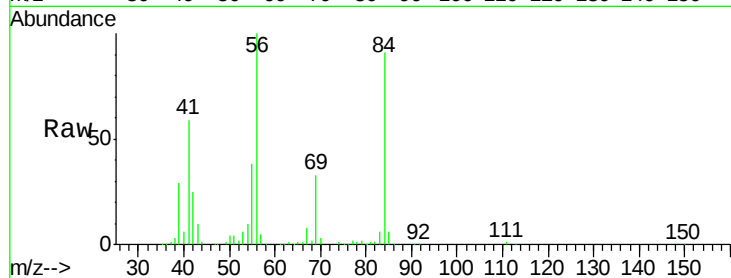
ClientSampleId :

Z3-0670

Tot Ion:	56	Resp:	104943
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.5	38.3
84	91.1	75.0	112.4

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#33

1,2-Dichloroethane-d4

Concen: 54.350 ug/l

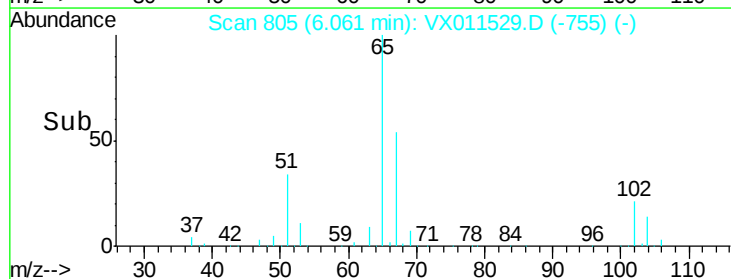
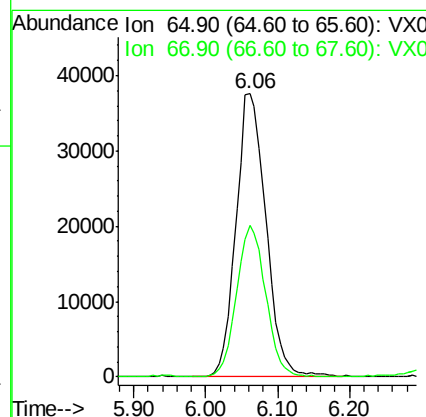
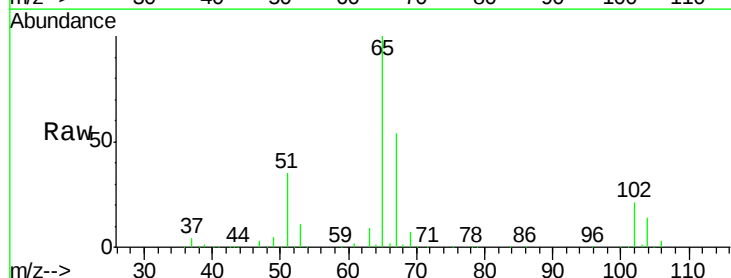
RT: 6.06 min Scan# 805

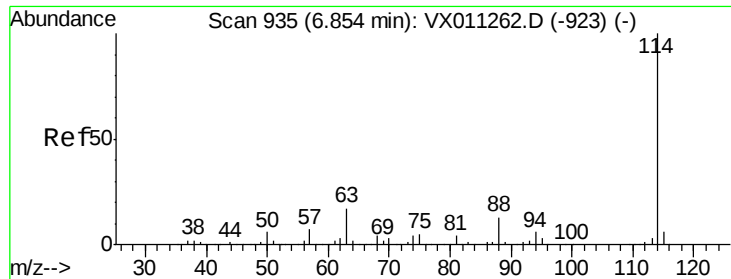
Delta R.T. 0.01 min

Lab File: VX011529.D

Acq: 13 Aug 2019 12:34

Tgt Ion:	65	Resp:	109077
Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	110.6





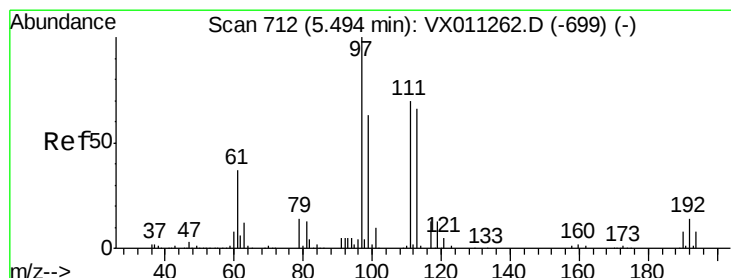
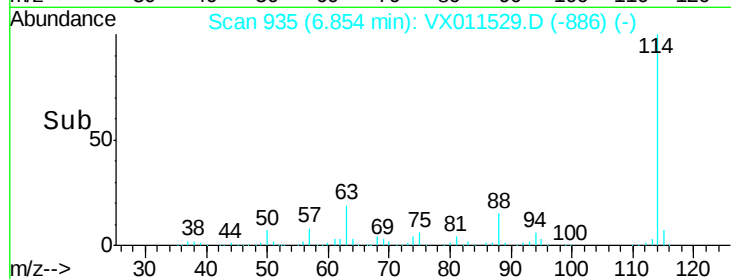
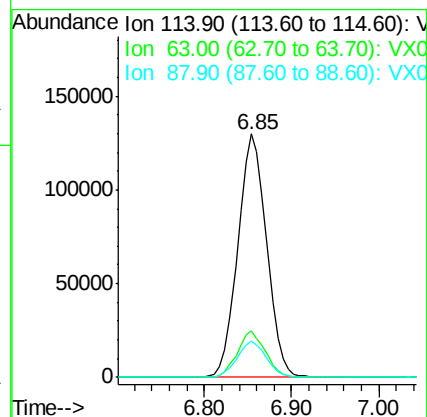
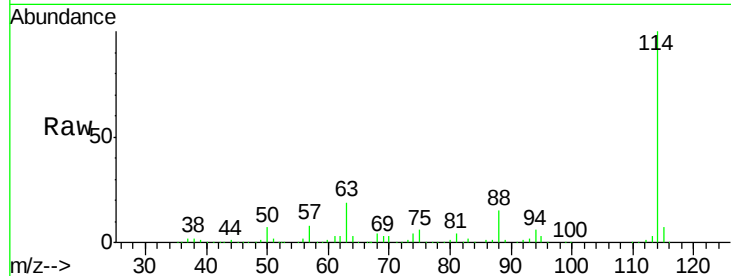
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011529.D
 Acq: 13 Aug 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.2	0.0	34.0
88	15.0	0.0	26.4

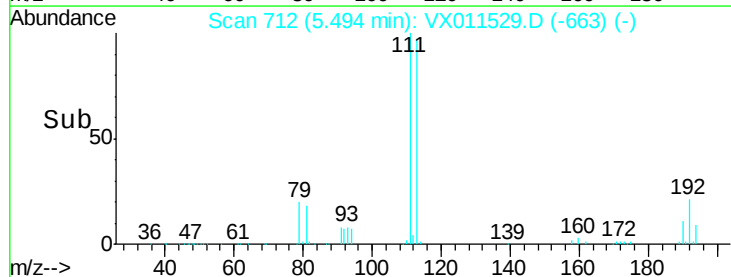
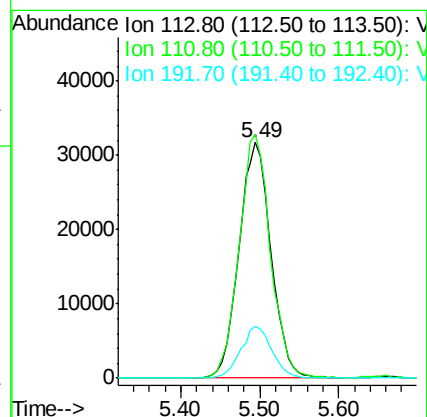
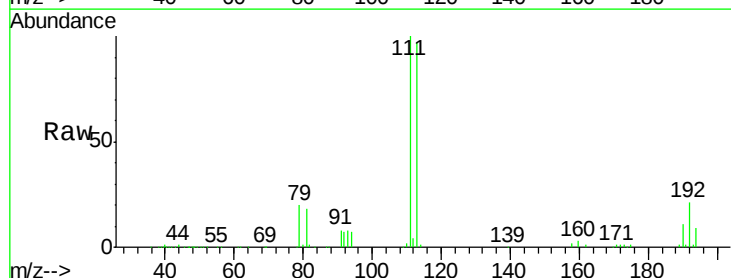
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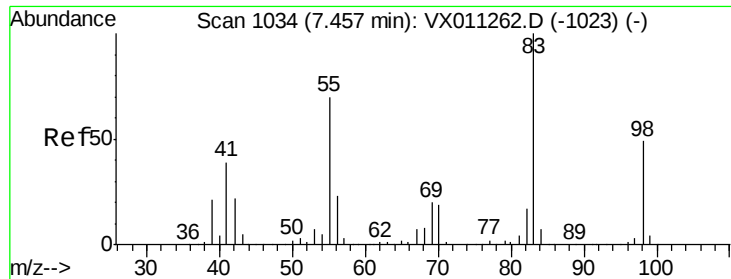
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#35
 Dibromofluoromethane
 Concen: 45.997 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011529.D
 Acq: 13 Aug 2019 12:34

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	101.7	81.9	122.9
192	21.5	17.8	26.8





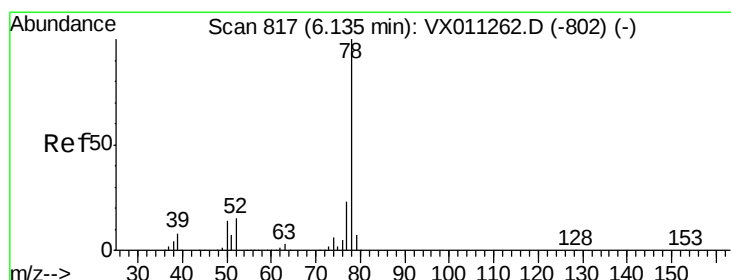
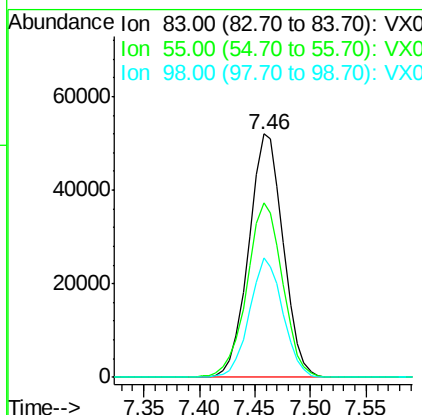
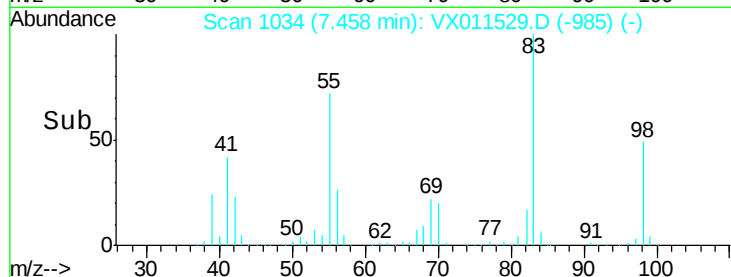
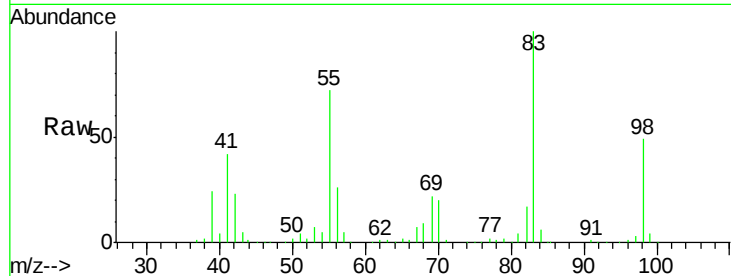
#39
Methvlcvclohexane
Concen: 36.488 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.8		56.1	84.1
98	49.0		39.0	58.4

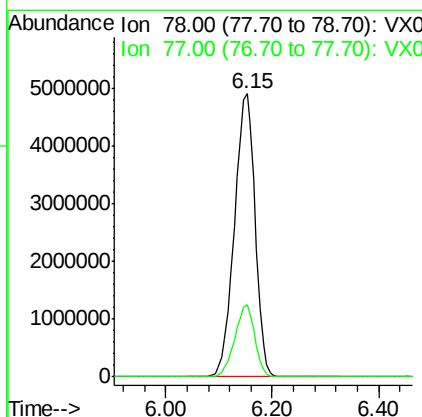
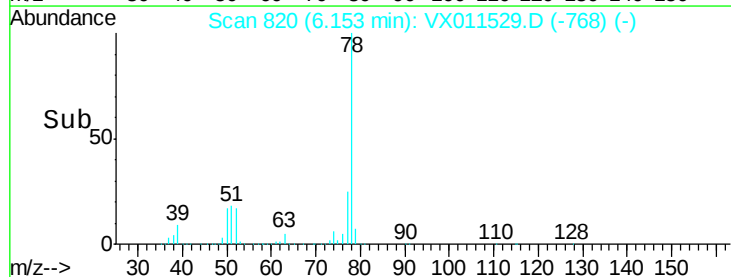
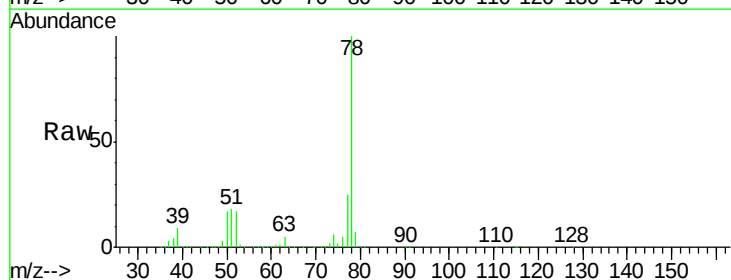
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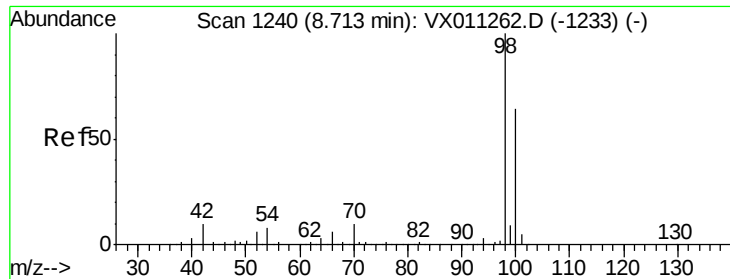
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#40
Benzene
Concen: 1716.147 ug/l
RT: 6.15 min Scan# 820
Delta R.T. 0.02 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	25.4		18.2	27.2





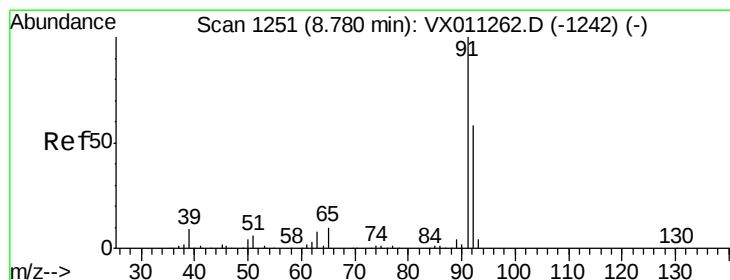
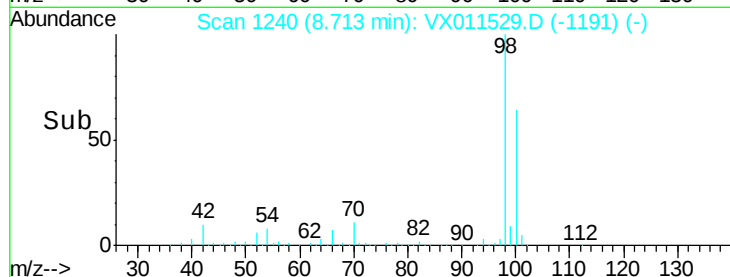
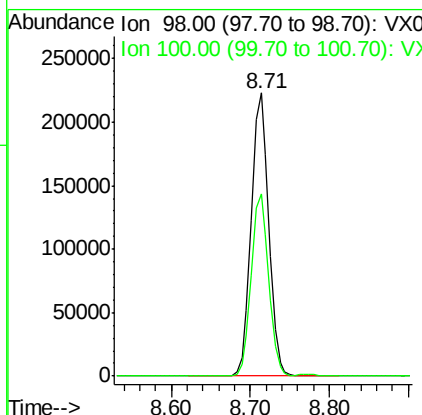
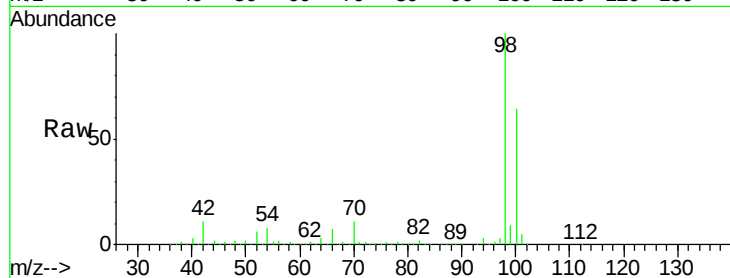
#50
Toluene-d8
Concen: 47.109 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion: 98 Resp: 344515
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5

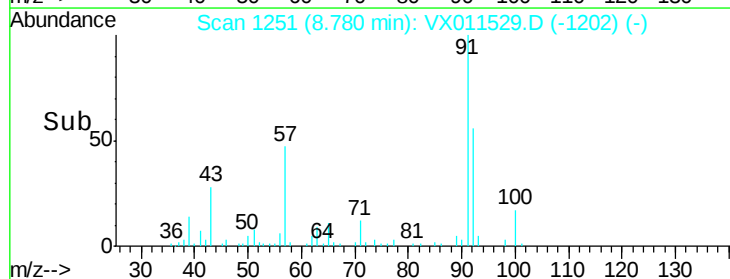
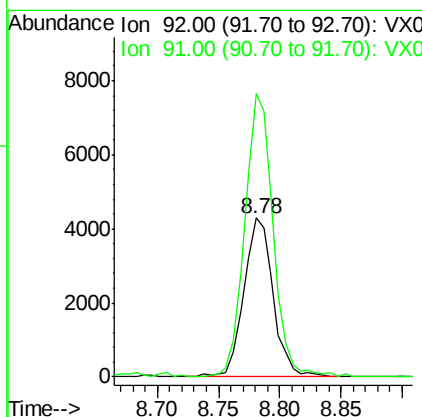
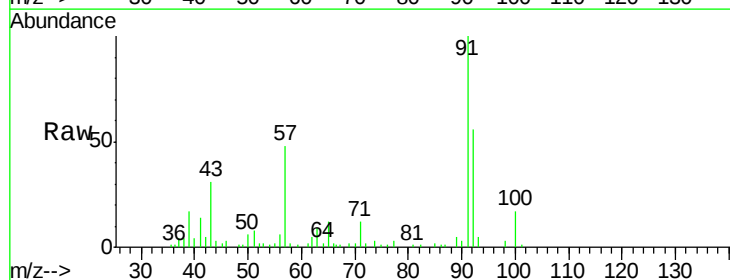
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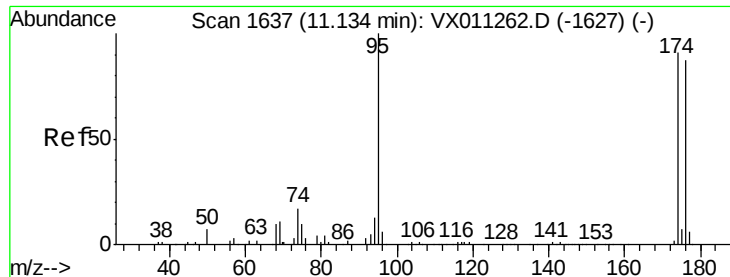
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#52
Toluene
Concen: 1.395 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tgt Ion: 92 Resp: 7133
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





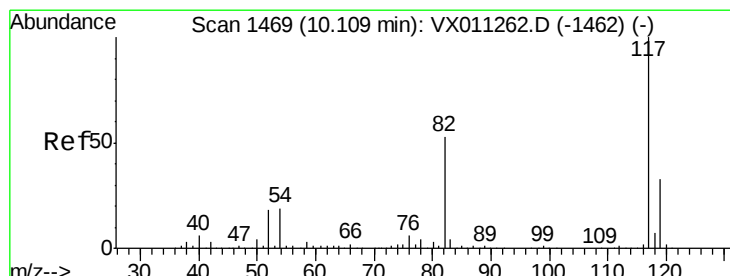
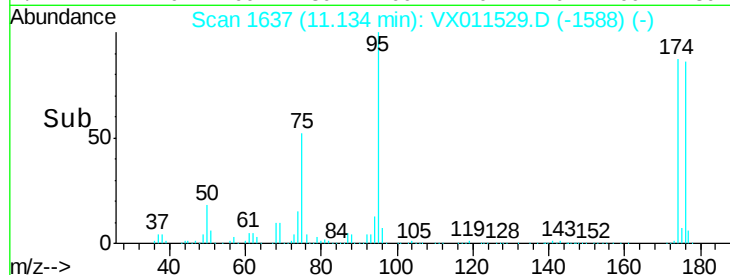
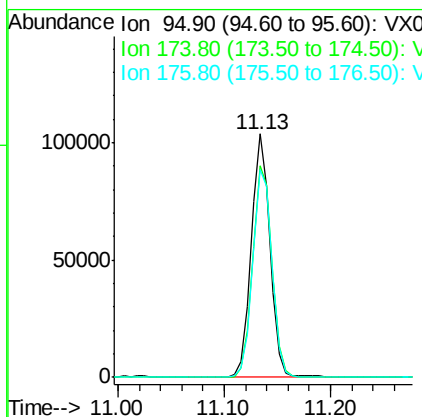
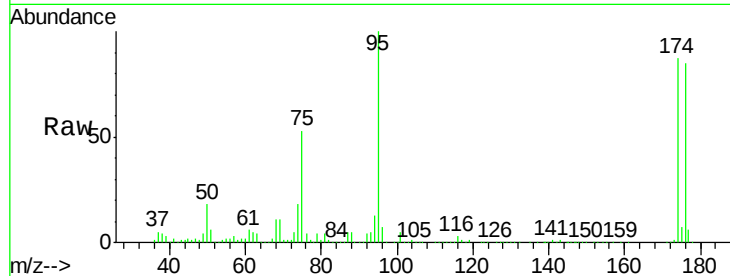
#62
4-Bromofluorobenzene
Concen: 49.187 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Tot Ion	Ratio	Resp	Lower	Upper
95	100	128427		
174	89.1	0.0	191.2	
176	87.4	0.0	184.8	

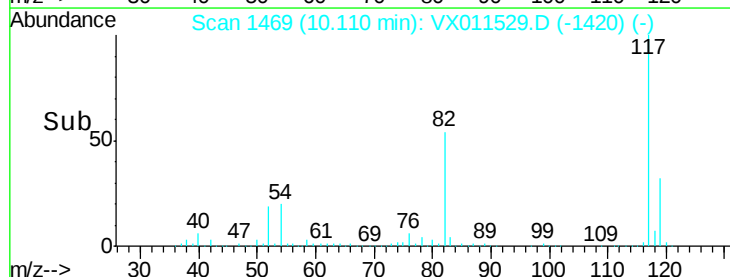
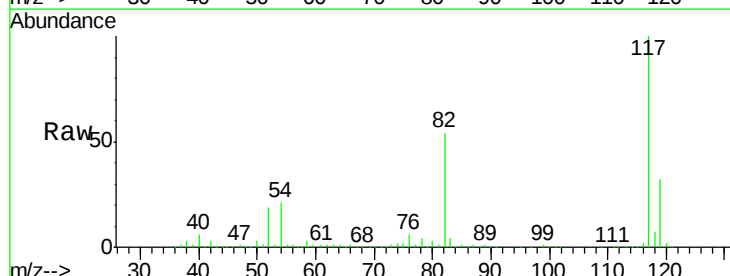
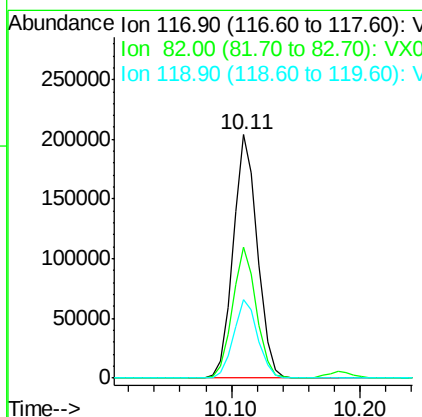
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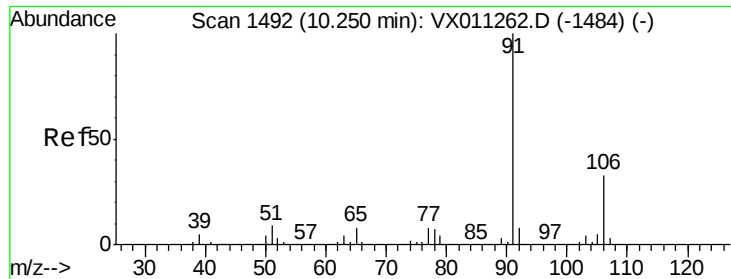
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	265971		
82	53.7	42.2	63.2	
119	32.4	26.6	39.8	





#67

Ethyl Benzene

Concen: 460.917 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011529.D

Acq: 13 Aug 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

Z3-0670

Tot Ion: 91 Resp: 4402074

Ion Ratio Lower Upper

91 100

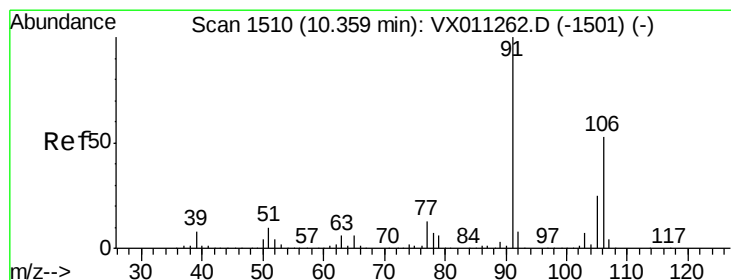
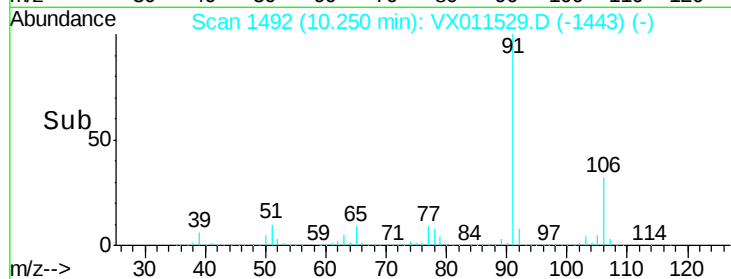
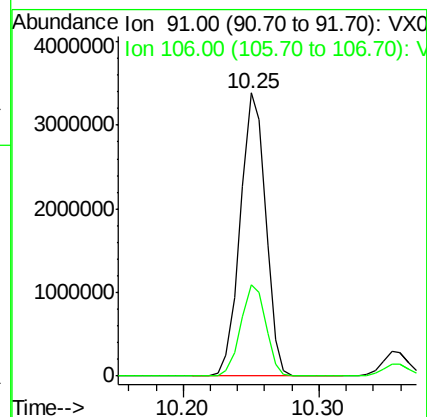
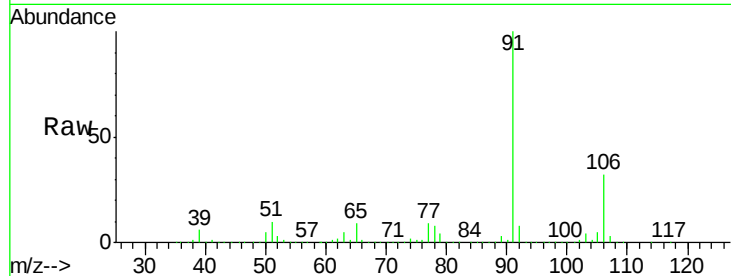
106 32.4 26.2 39.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 53.337 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011529.D

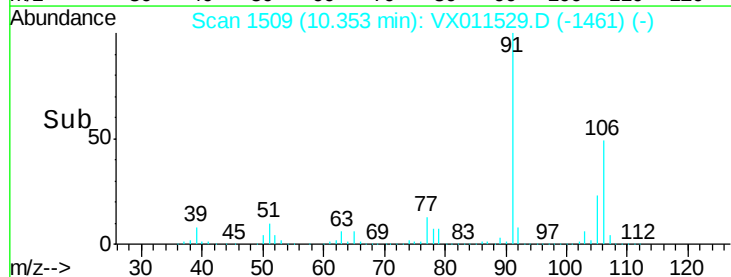
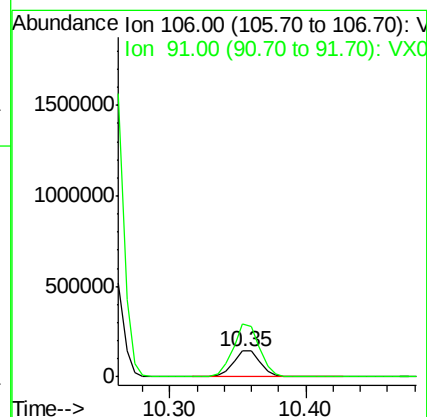
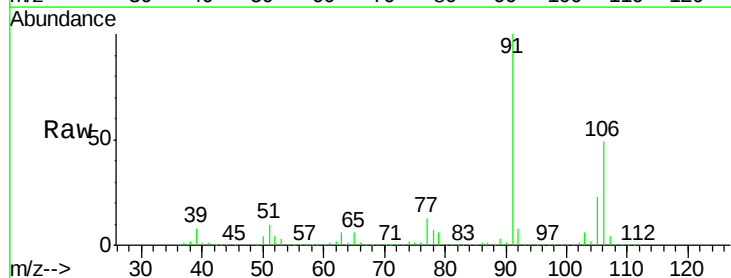
Acq: 13 Aug 2019 12:34

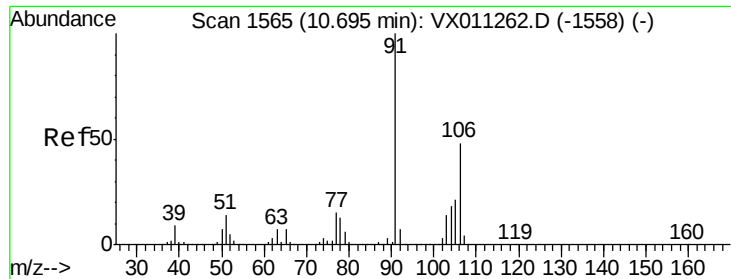
Tgt Ion: 106 Resp: 197036

Ion Ratio Lower Upper

106 100

91 201.3 155.9 233.9





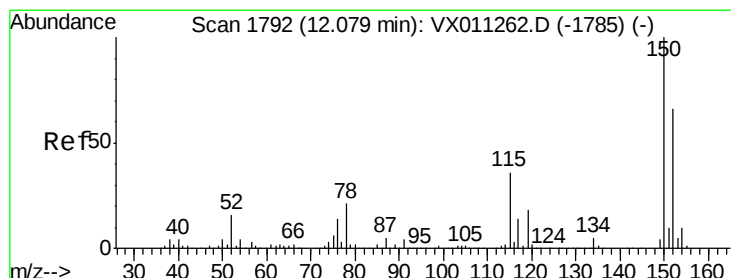
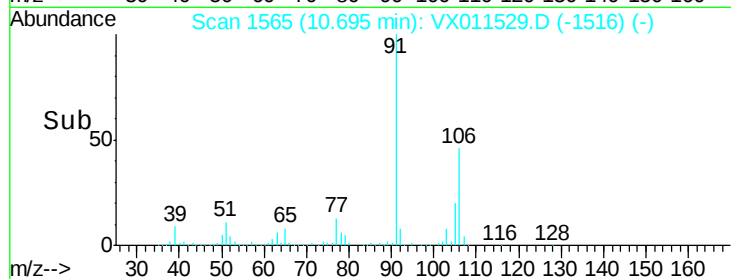
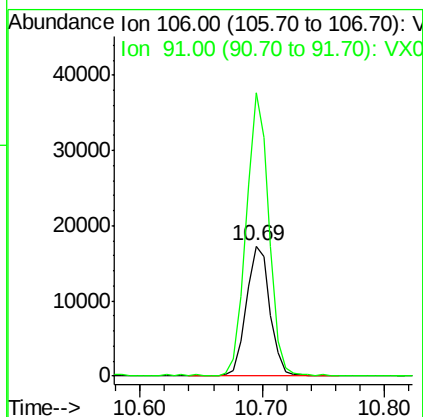
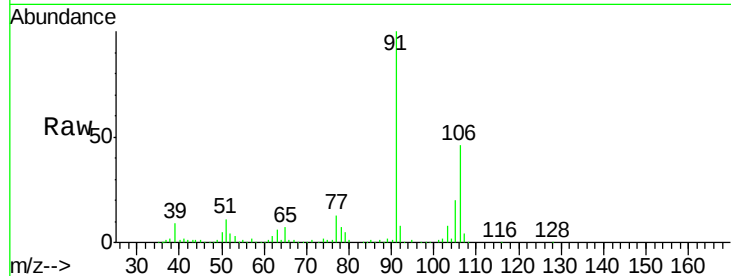
#69
o-Xylene
Concen: 6.388 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	207.5	103.8	23185	311.3	

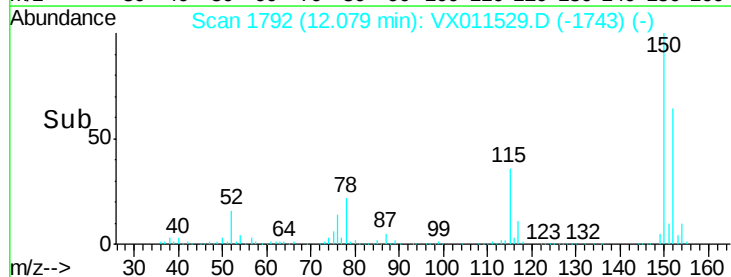
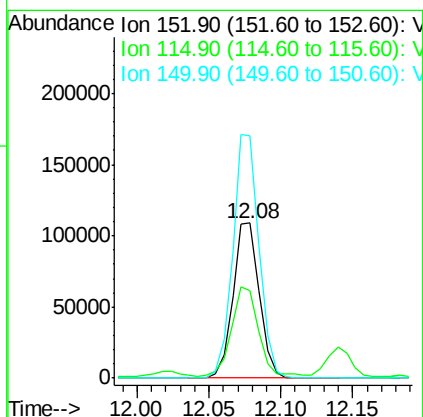
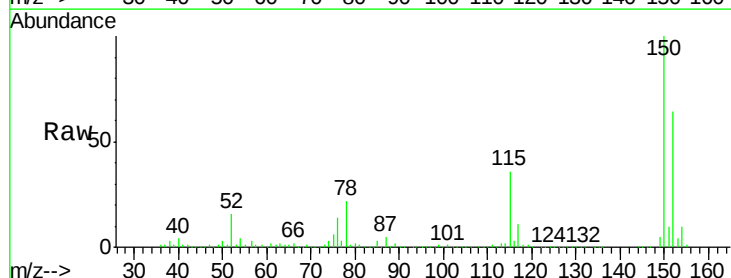
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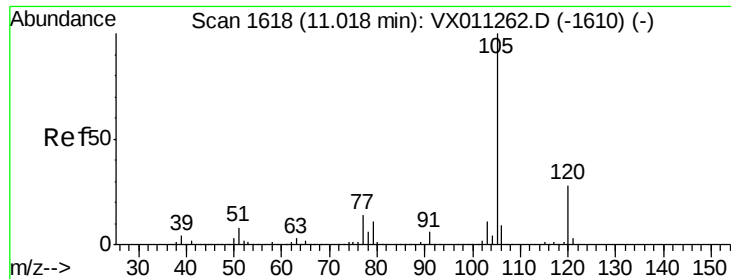
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	61.5	40.0	138934	119.9	
150	156.3	0.0		350.4	





#73

Isopropylbenzene

Concen: 58.988 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011529.D

Acq: 13 Aug 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

Z3-0670

Tot Ion: 105 Resp: 560512

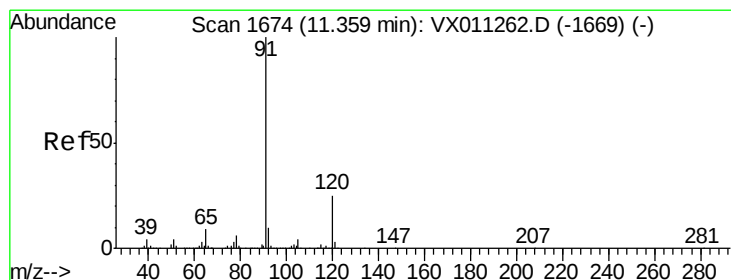
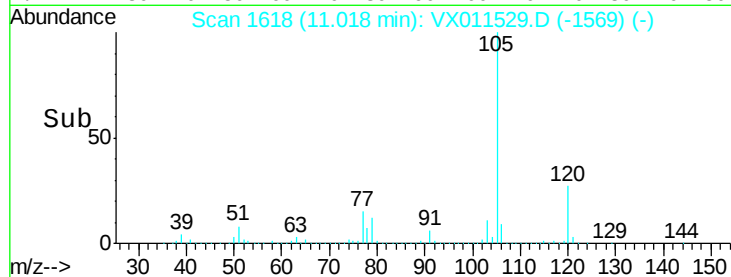
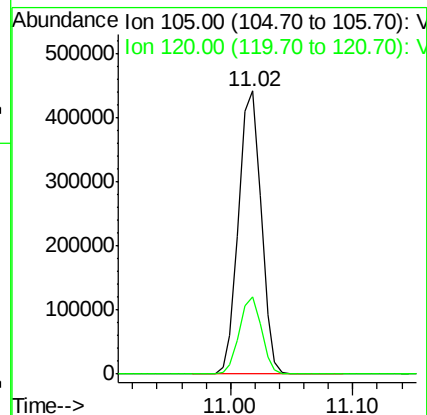
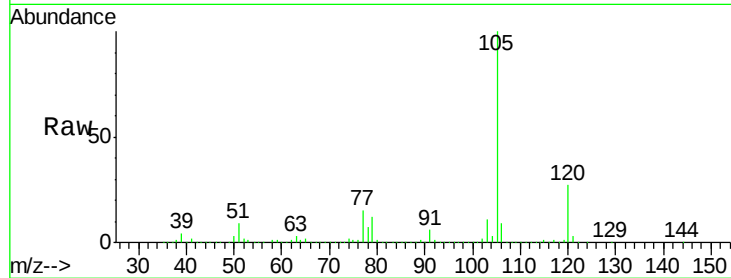
Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.1

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#78

n-propylbenzene

Concen: 69.122 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011529.D

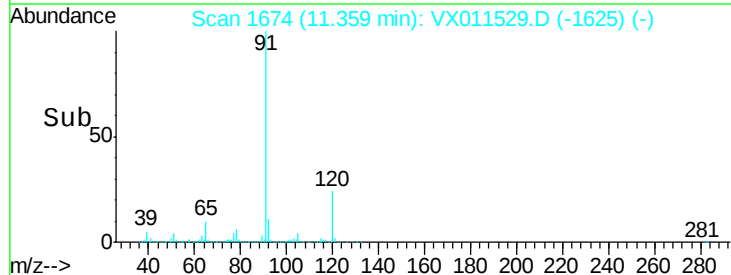
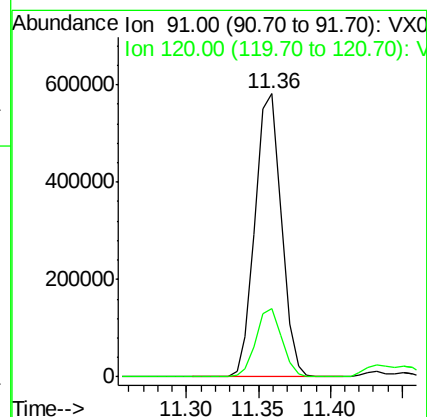
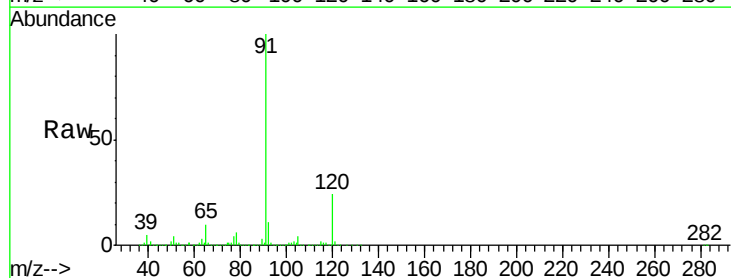
Acq: 13 Aug 2019 12:34

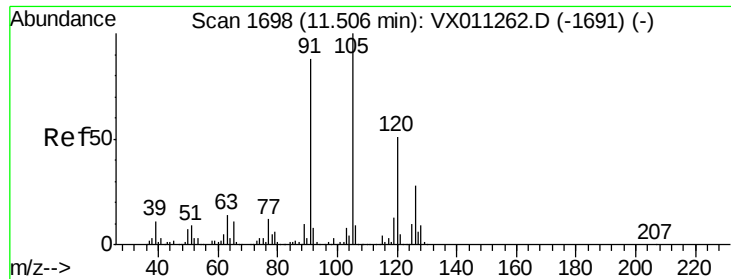
Tgt Ion: 91 Resp: 730409

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.0





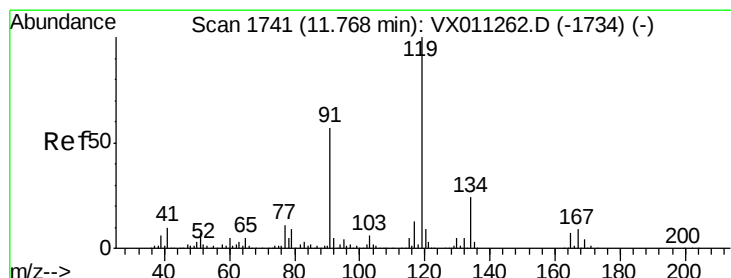
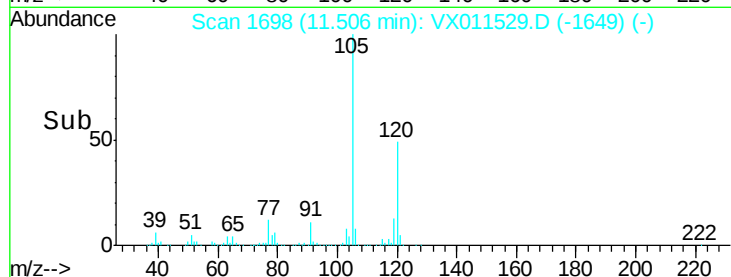
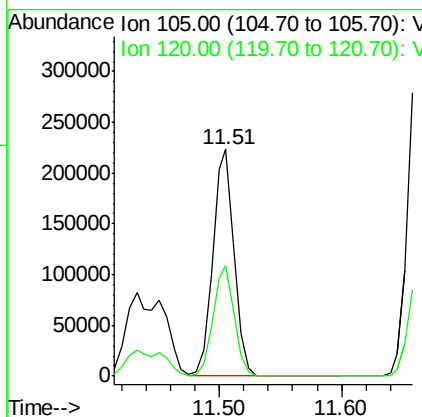
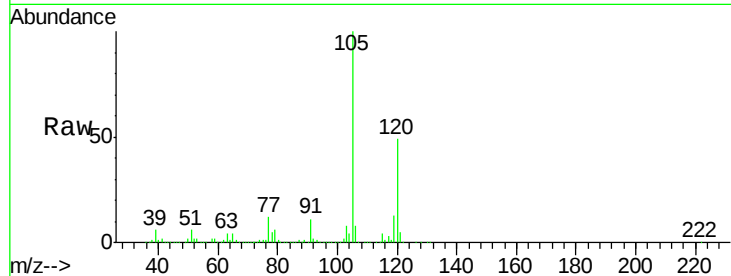
#80
 1,3,5-Trimethylbenzene
 Concen: 34.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011529.D
 Acq: 13 Aug 2019 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0670

Tot Ion:105 Resp: 270595
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.1 75.2

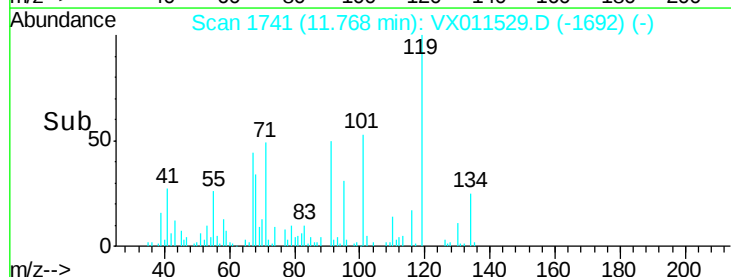
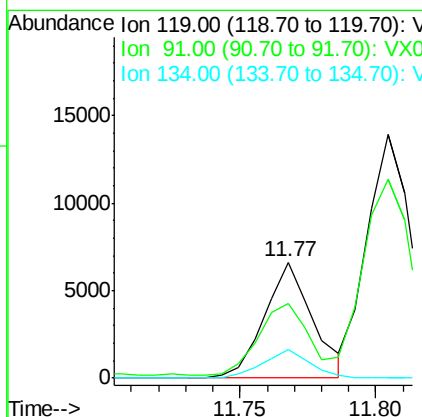
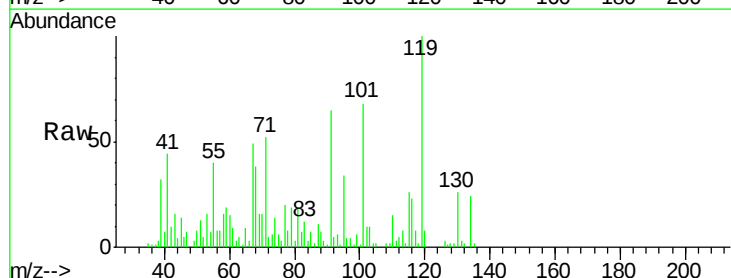
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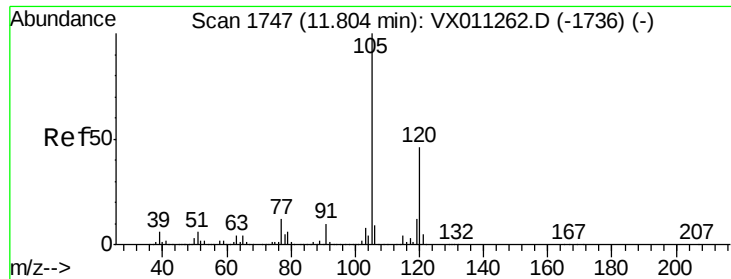
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#83
 tert-Butylbenzene
 Concen: 1.033 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011529.D
 Acq: 13 Aug 2019 12:34

Tgt Ion:119 Resp: 8062
 Ion Ratio Lower Upper
 119 100
 91 62.7 28.0 84.0
 134 24.0 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 16.802 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011529.D

Acq: 13 Aug 2019 12:34

Instrument :

MSVOA_X

ClientSampleId :

Z3-0670

Tot Ion:105 Resp: 133065

Ion Ratio Lower Upper

105 100

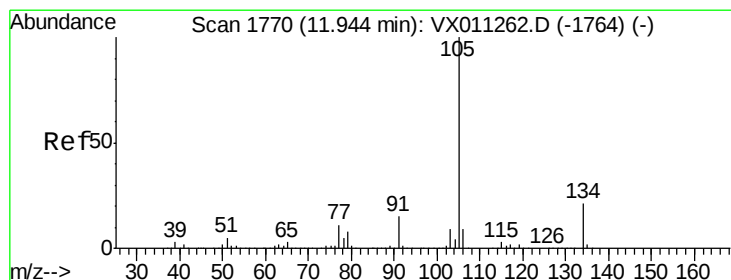
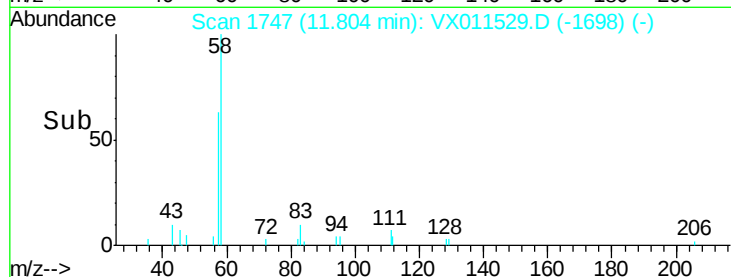
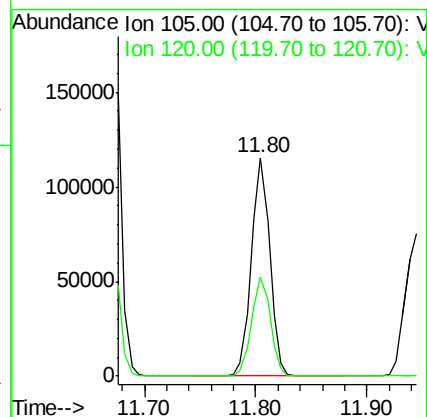
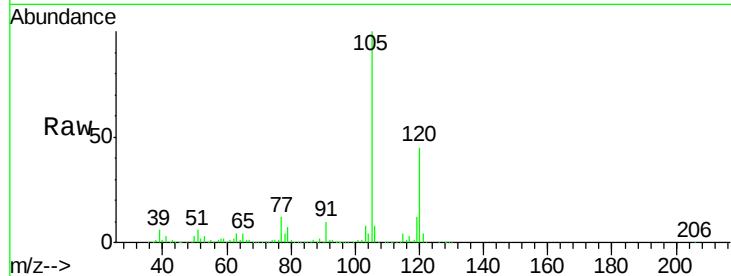
120 46.9 23.0 69.0

Manual Integrations

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#85

sec-Butylbenzene

Concen: 9.783 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011529.D

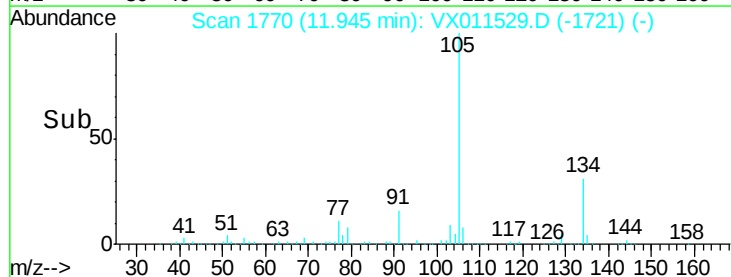
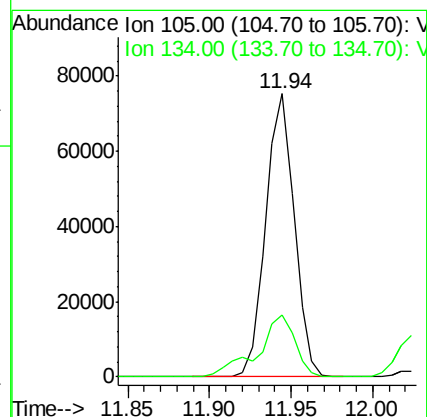
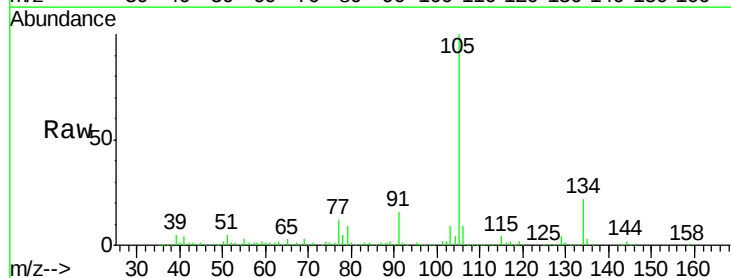
Acq: 13 Aug 2019 12:34

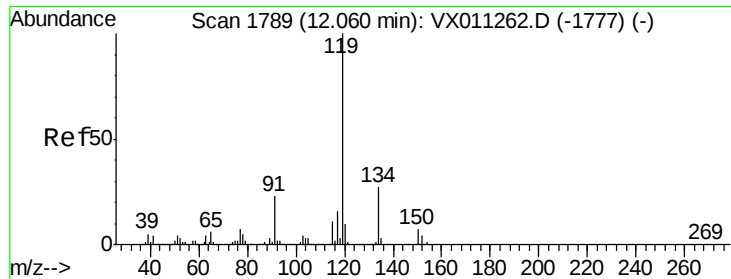
Tgt Ion:105 Resp: 91695

Ion Ratio Lower Upper

105 100

134 28.5 10.4 31.4





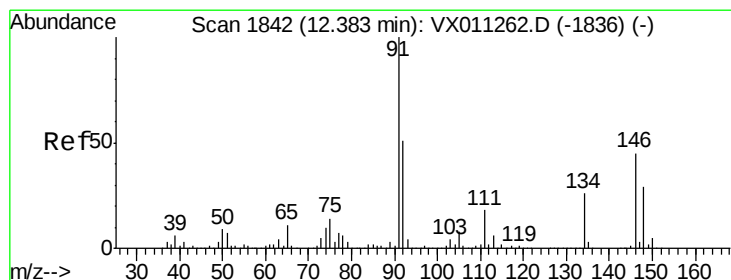
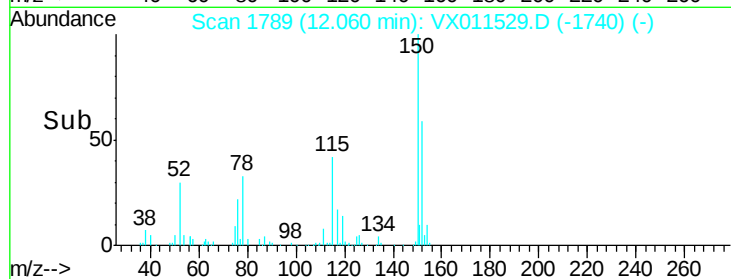
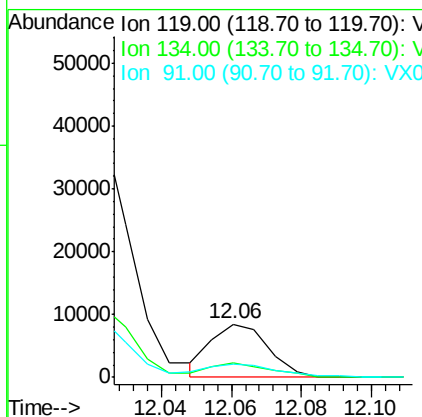
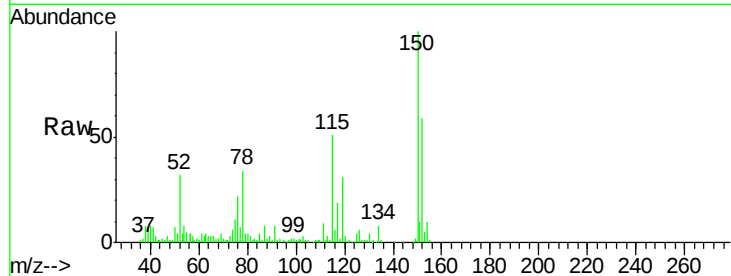
#86
p-Isopropyltoluene
Concen: 1.125 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Instrument :
MSVOA_X
ClientSampled :
Z3-0670

Tot Ion	Ratio	Lower	Upper
119	100		
134	136.0	13.7	41.0#
91	106.7	11.4	34.2#

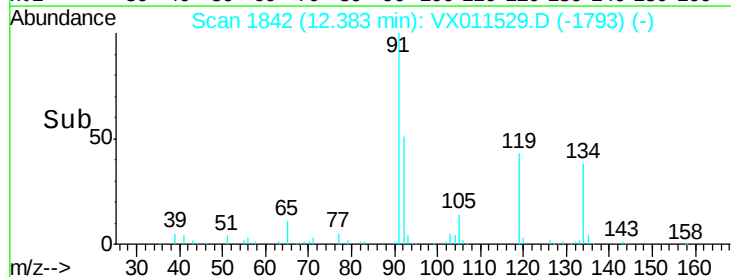
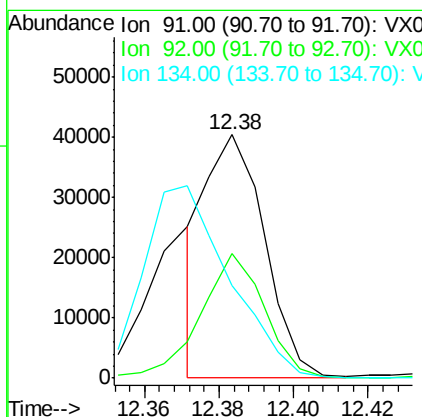
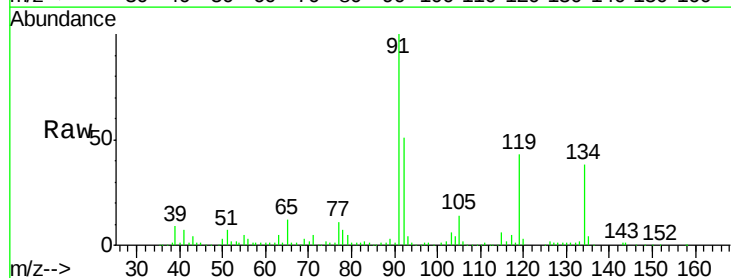
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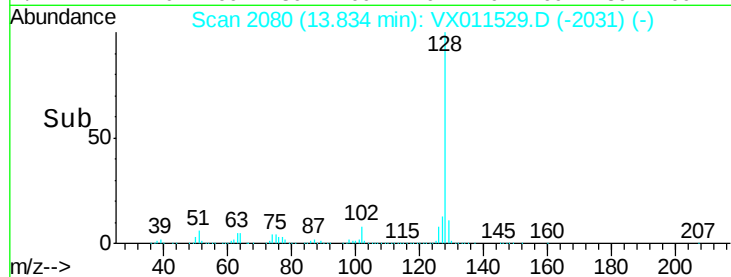
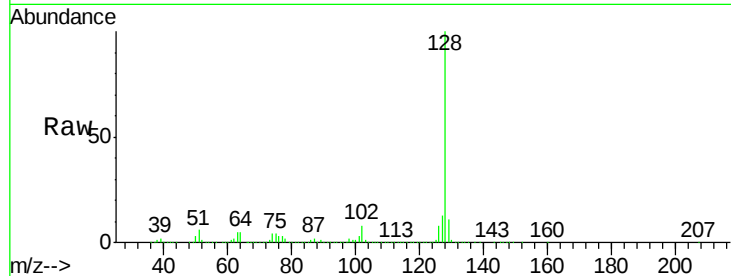
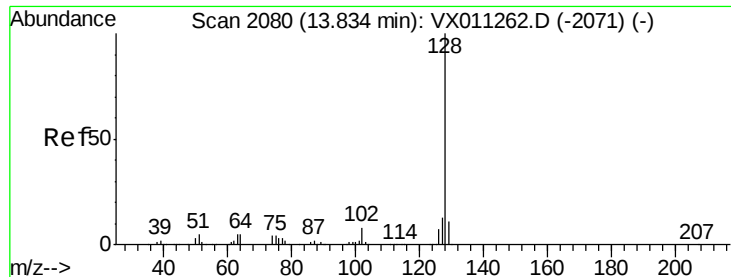
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#89
n-Butylbenzene
Concen: 6.010 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.1	25.8	77.3
134	115.4	13.7	41.0#





#95
Naphthalene
Concen: 119.701 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011529.D
Acq: 13 Aug 2019 12:34

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.9	13.3

Instrument :
MSVOA_X
ClientSampleId :
Z3-0670

Manual Integrations
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