

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011408.D
 Acq On : 09 Aug 2019 14:32
 Operator : JC/SP
 Sample : K4279-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

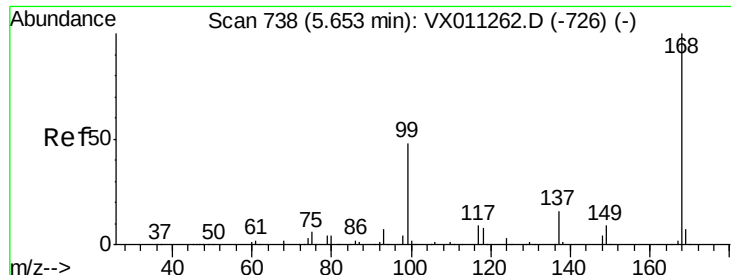
Manual Integrations
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Quant Time: Aug 11 00:36:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	207448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	298687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124223	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	106106	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
35) Dibromofluoromethane	5.49	113	89282	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
50) Toluene-d8	8.71	98	344051	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
62) 4-Bromofluorobenzene	11.13	95	117099	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	37238	13.841	ug/l	96
39) Methylcyclohexane	7.46	83	14404	4.660	ug/l	92
40) Benzene	6.14	78	261925	33.658	ug/l	100
67) Ethyl Benzene	10.25	91	49979	5.286	ug/l	97
68) m/p-Xylenes	10.35	106	1088	0.297	ug/l	84
73) Isopropylbenzene	11.02	105	30677	3.611	ug/l	99
78) n-propylbenzene	11.36	91	35118	3.717	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	2660	0.376	ug/l	91
85) sec-Butylbenzene	11.94	105	5568	0.664	ug/l	85
89) n-Butylbenzene	12.38	91	1508m	0.227	ug/l	
95) Naphthalene	13.83	128	32718	4.034	ug/l	97

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



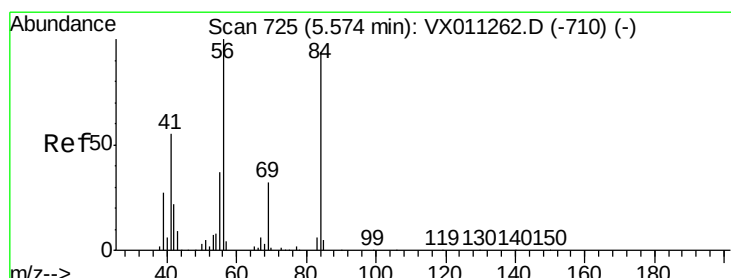
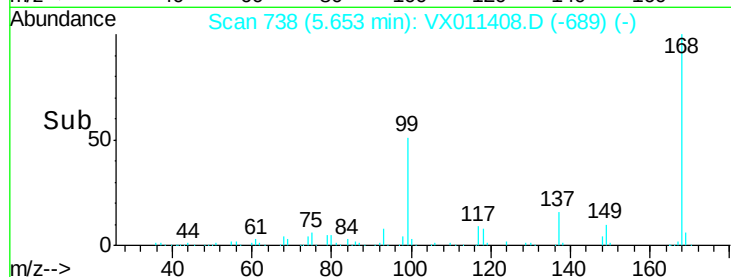
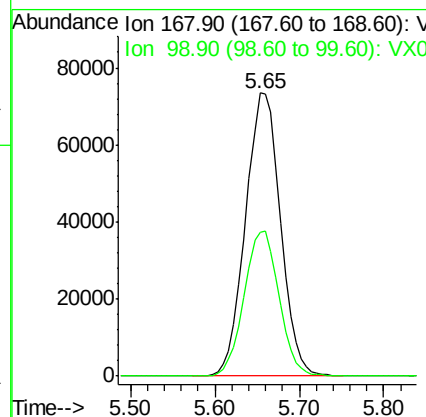
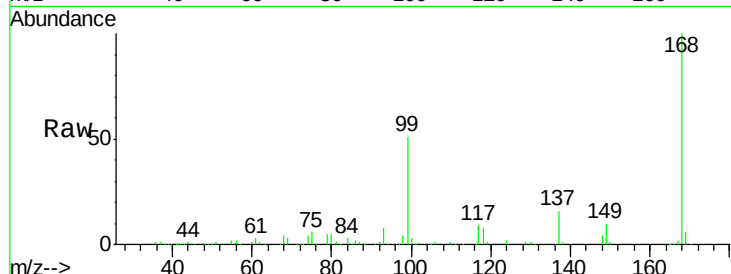
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
Z3-0669

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.0	38.5	57.7

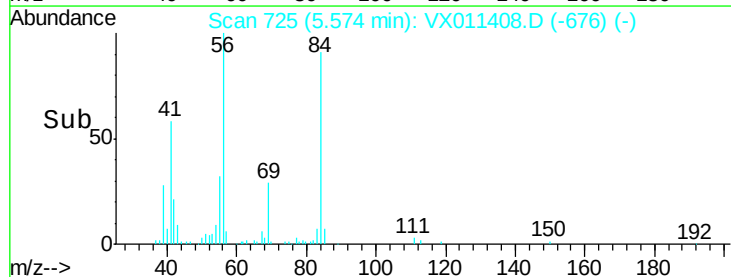
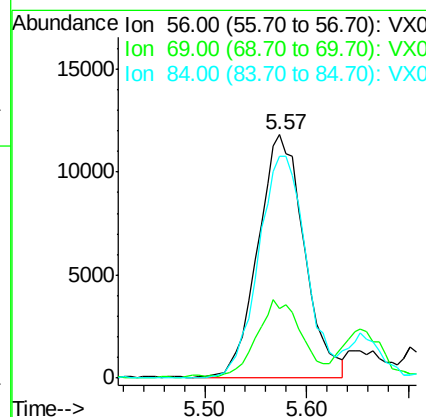
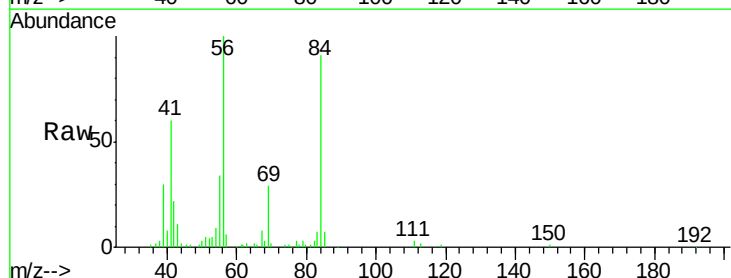
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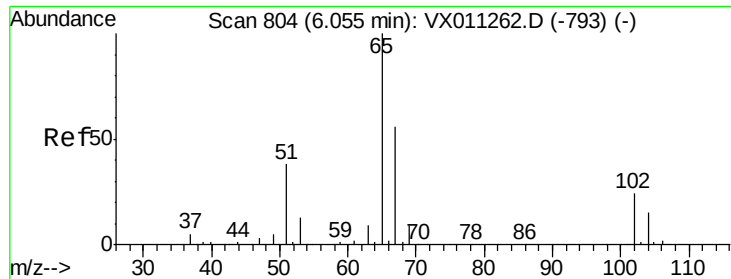
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#31
Cyclohexane
Concen: 13.841 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.6	25.5	38.3
84	91.2	75.0	112.4





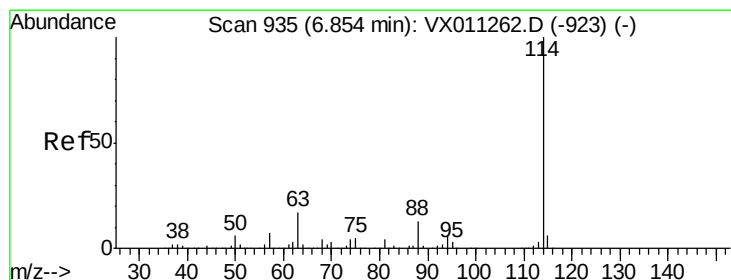
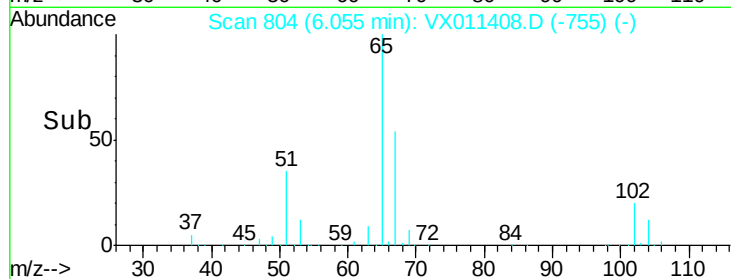
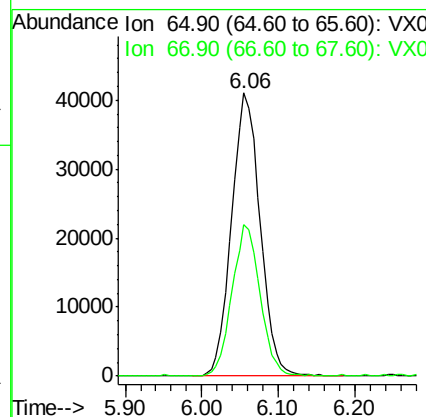
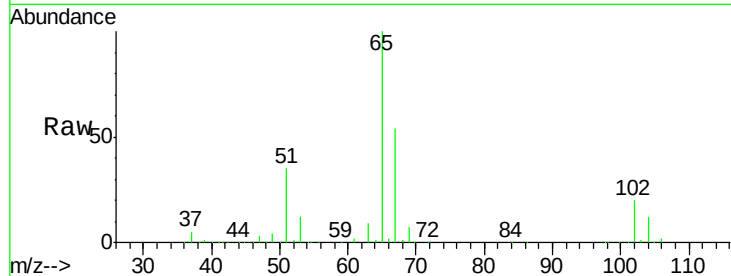
#33
 1,2-Dichloroethane-d4
 Concen: 50.790 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

Tot Ion	Ratio	Resp	Lower	Upper
65	100	106106		
67	52.8	0.0	110.6	

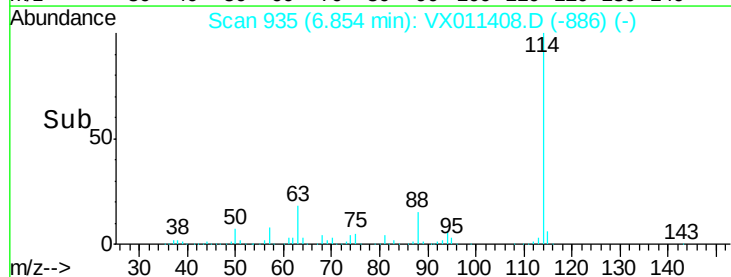
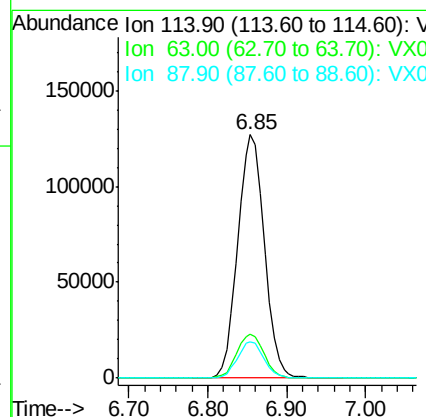
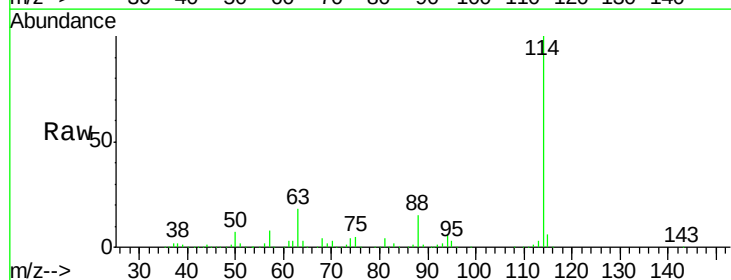
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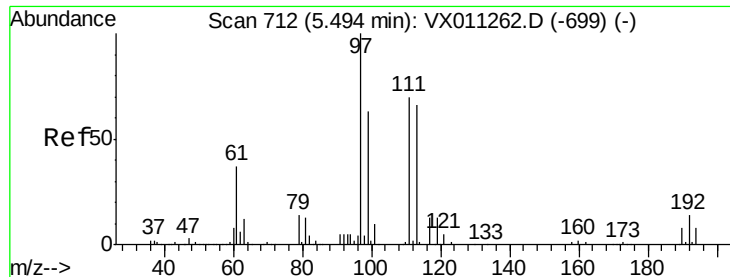
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	298687		
63	18.3	0.0	34.0	
88	15.1	0.0	26.4	





#35

Dibromofluoromethane

Concen: 45.784 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

Tot Ion:113 Resp: 89282

Ion Ratio Lower Upper

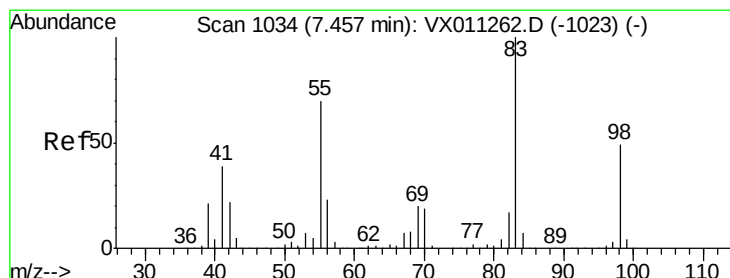
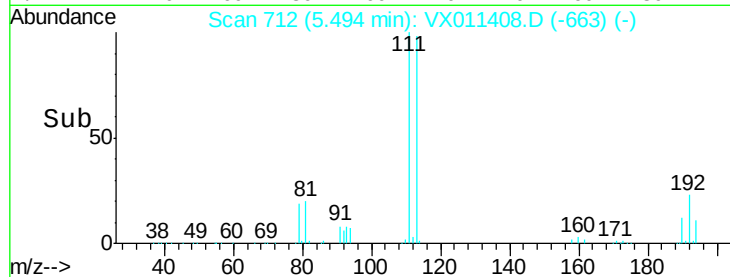
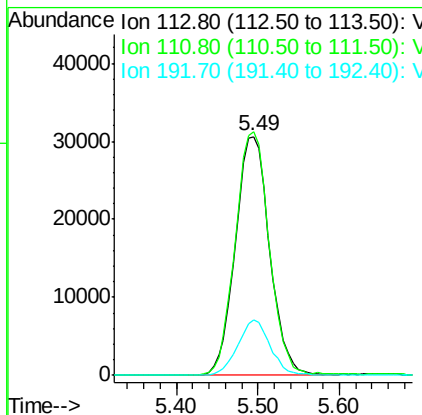
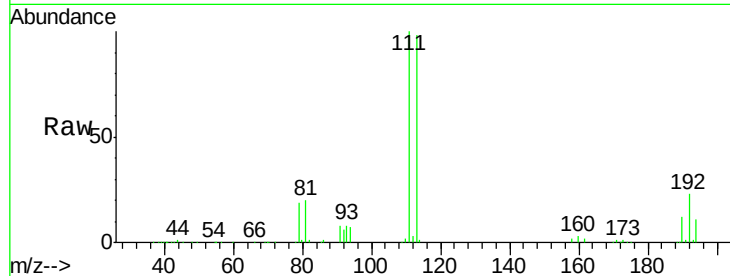
113 100

111 100.9 81.9 122.9

192 22.0 17.8 26.8

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#39

Methylcyclohexane

Concen: 4.660 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

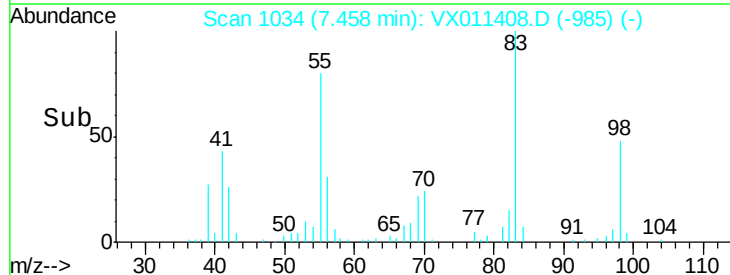
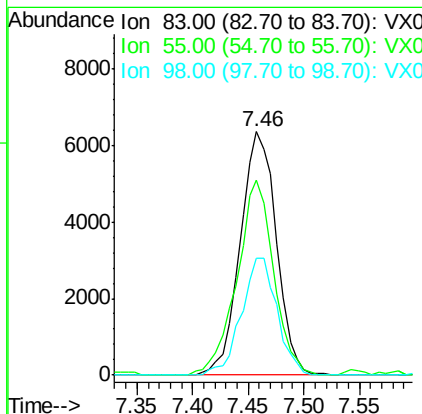
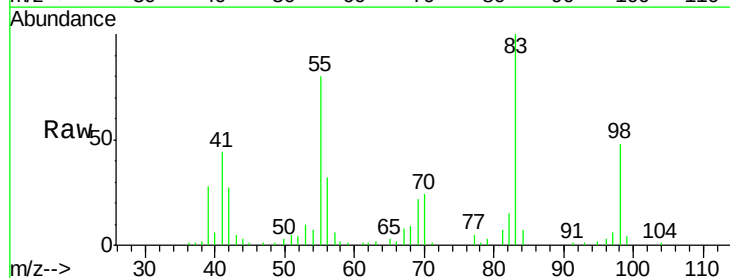
Tgt Ion: 83 Resp: 14404

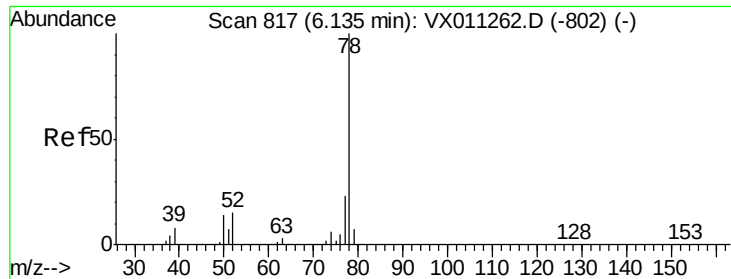
Ion Ratio Lower Upper

83 100

55 80.2 56.1 84.1

98 47.8 39.0 58.4





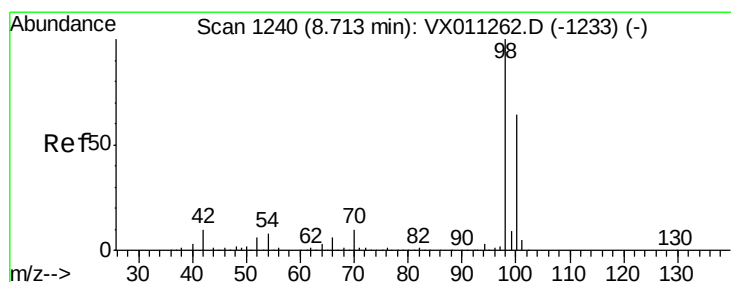
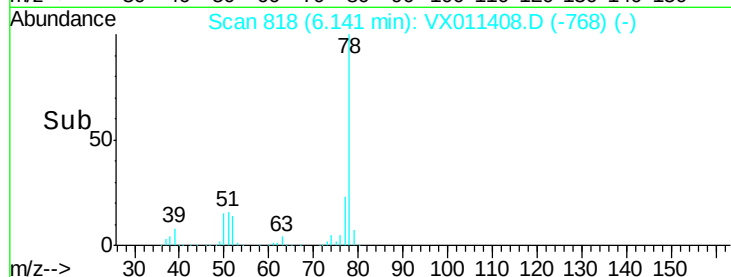
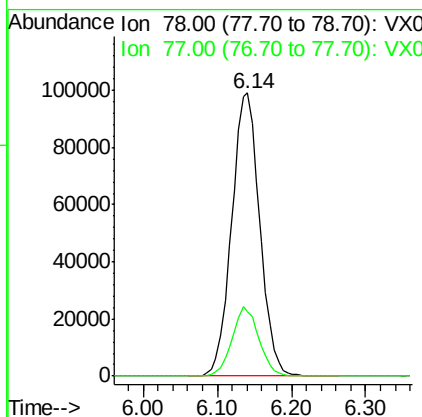
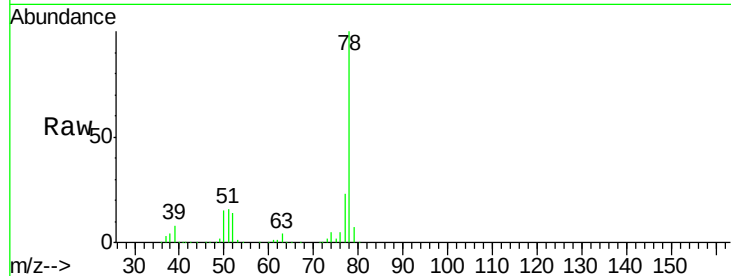
#40
Benzene
Concen: 33.658 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampled :
Z3-0669

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.2	27.2

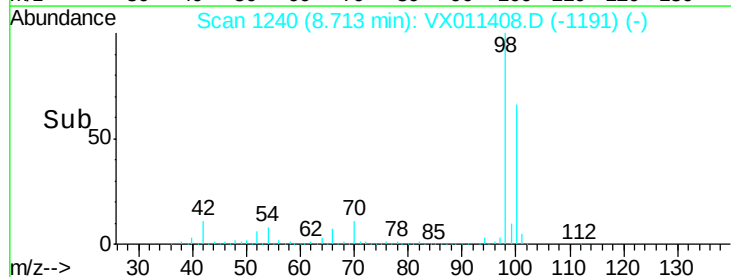
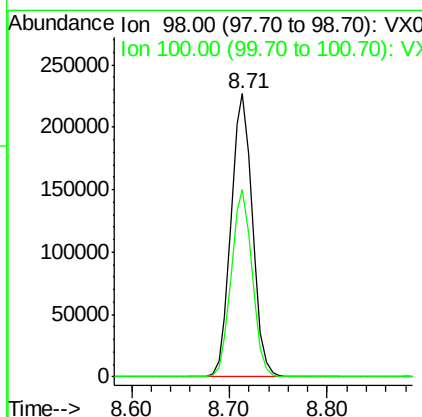
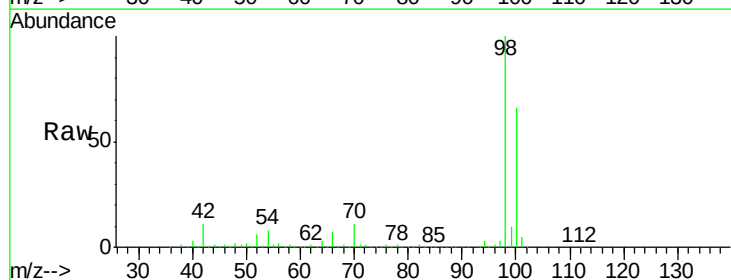
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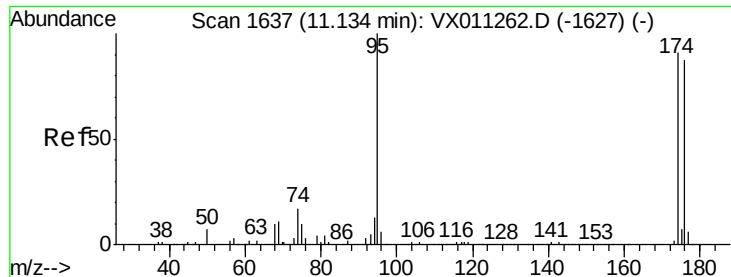
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#50
Toluene-d8
Concen: 46.740 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5





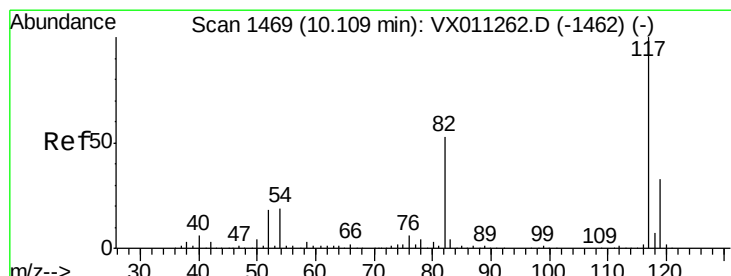
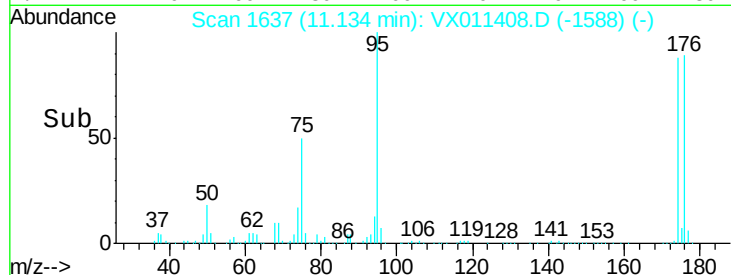
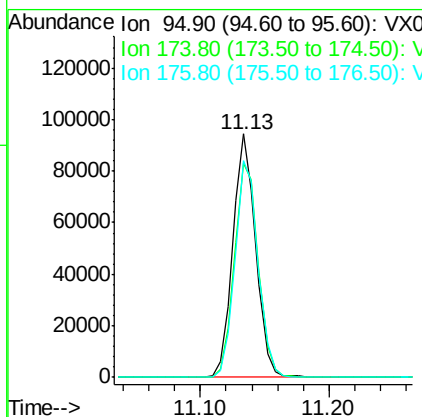
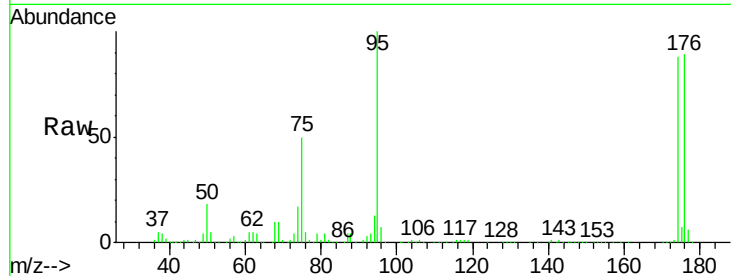
#62
4-Bromofluorobenzene
Concen: 44.557 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tot Ion	Ratio	Resp	Lower	Upper
95	100	117099		
174	91.7	0.0	191.2	
176	89.9	0.0	184.8	

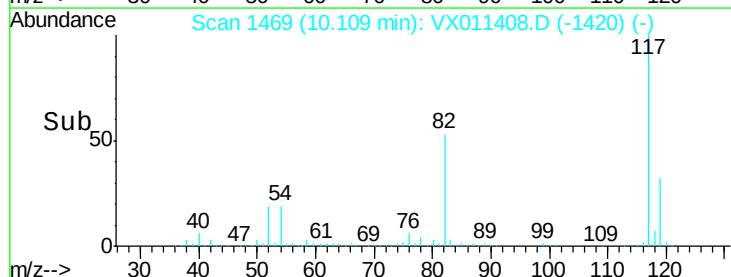
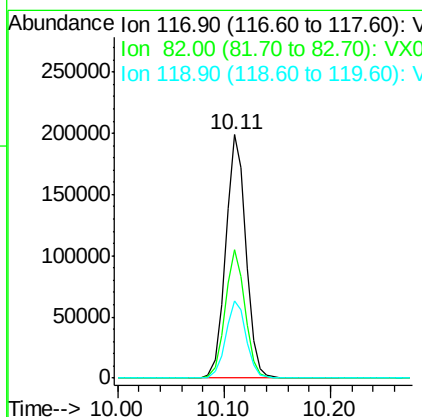
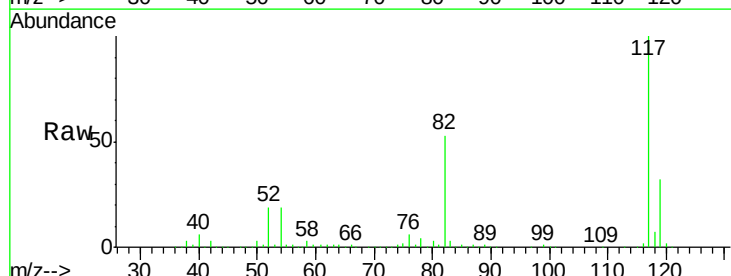
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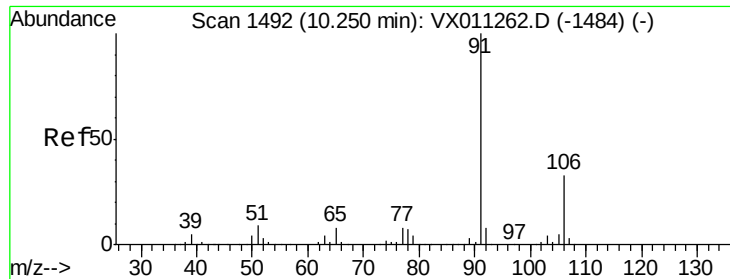
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	263305		
82	52.8	42.2	63.2	
119	31.5	26.6	39.8	





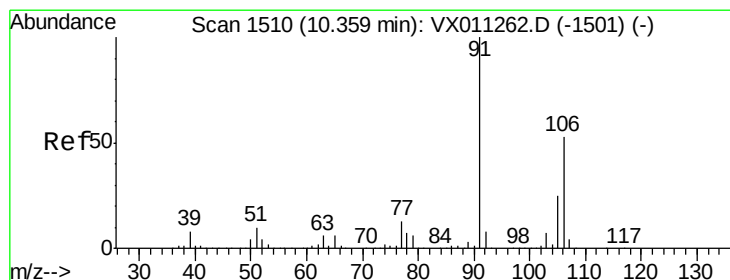
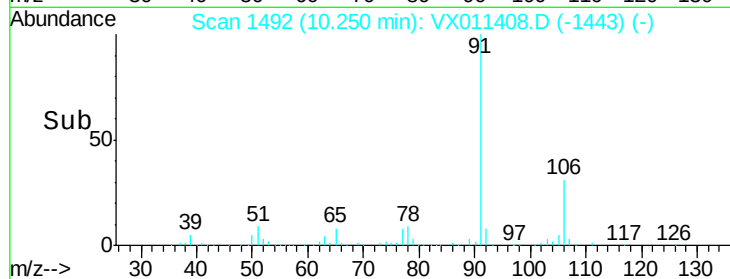
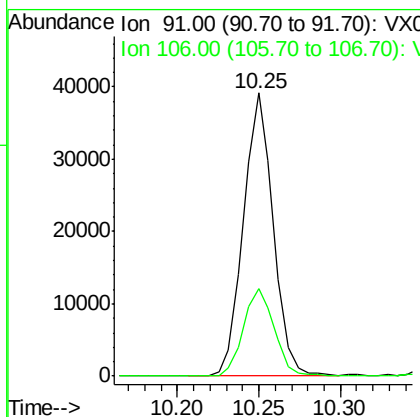
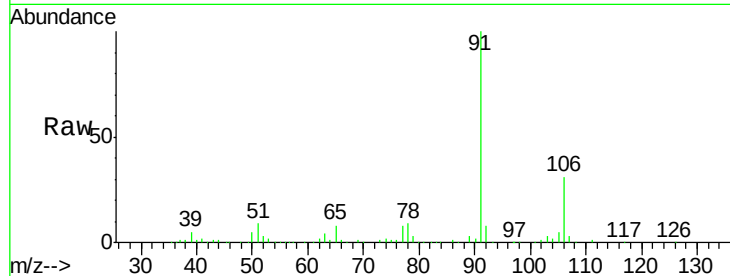
#67
Ethyl Benzene
Concen: 5.286 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tot Ion: 91 Resp: 49979
Ion Ratio Lower Upper
91 100
106 31.0 26.2 39.4

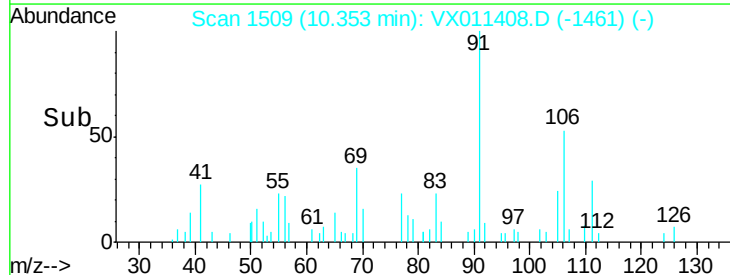
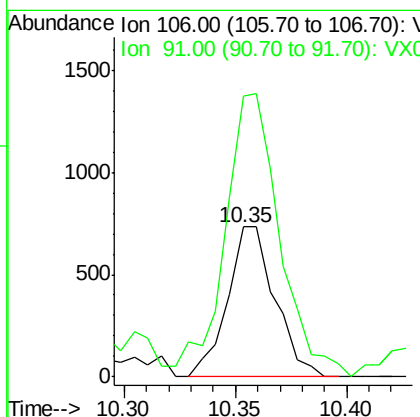
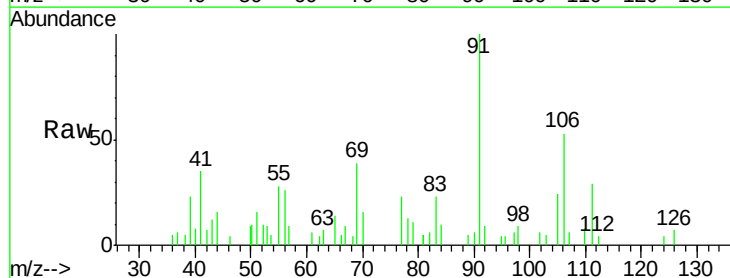
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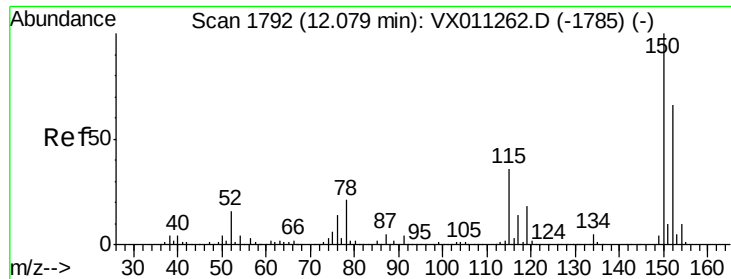
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#68
m/p-Xylenes
Concen: 0.297 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Tgt Ion: 106 Resp: 1088
Ion Ratio Lower Upper
106 100
91 218.3 155.9 233.9





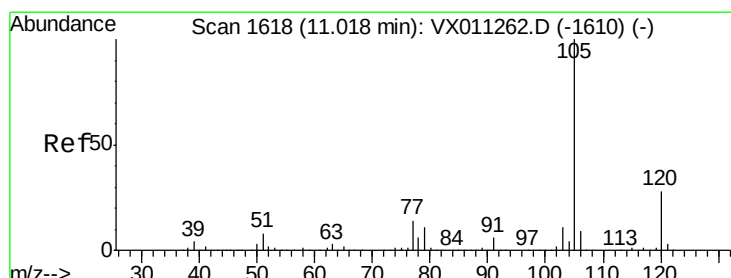
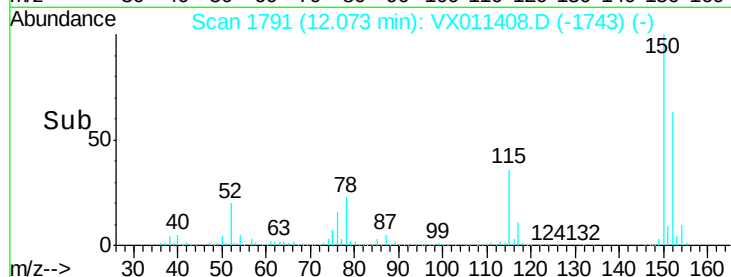
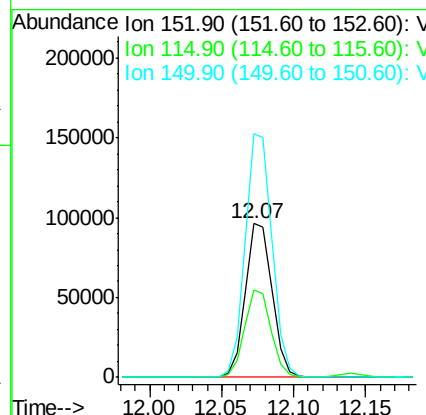
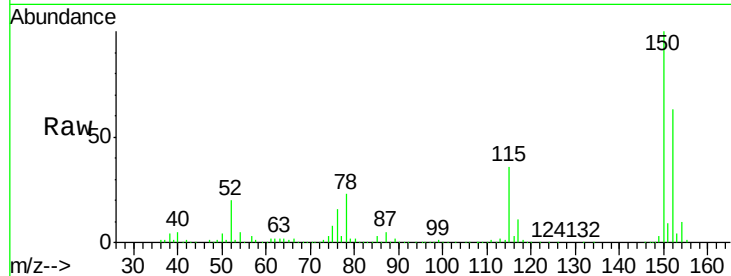
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 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0669

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	40.0	119.9
150	158.9	0.0	350.4

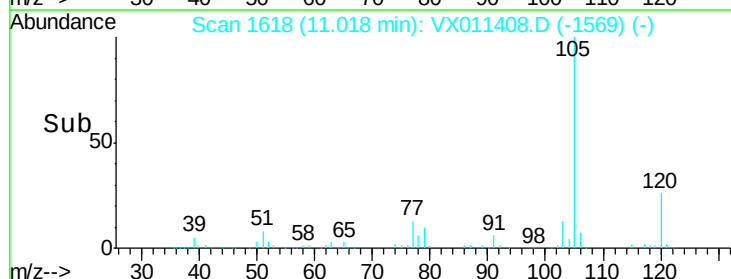
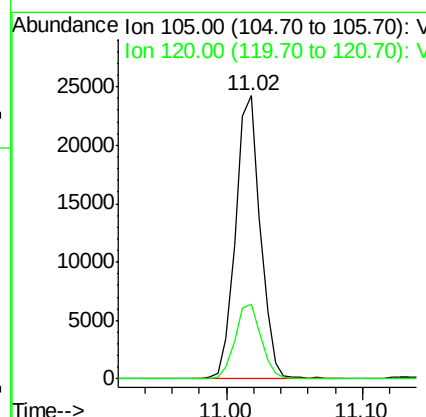
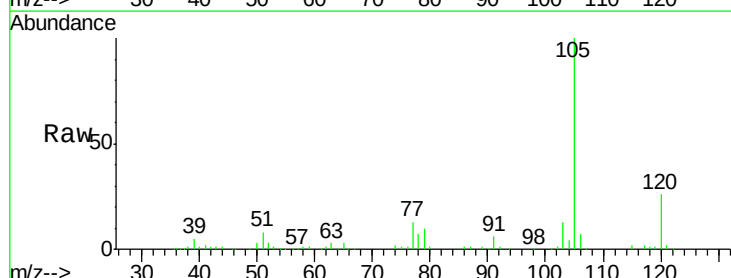
Manual Integrations
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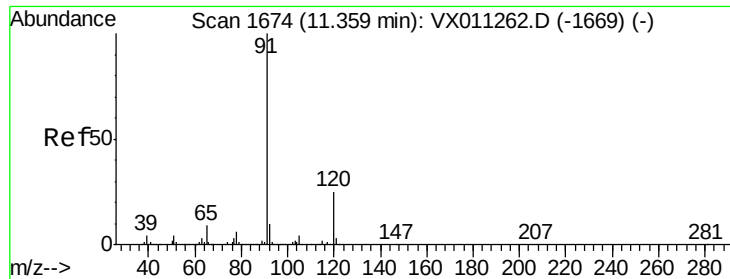
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 8/12/2019 12:50:18 PM



#73
 Isopropylbenzene
 Concen: 3.611 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. 0.00 min
 Lab File: VX011408.D
 Acq: 09 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.7	41.1





#78

n-propylbenzene

Concen: 3.717 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampleId :

Z3-0669

Tot Ion: 91 Resp: 35118

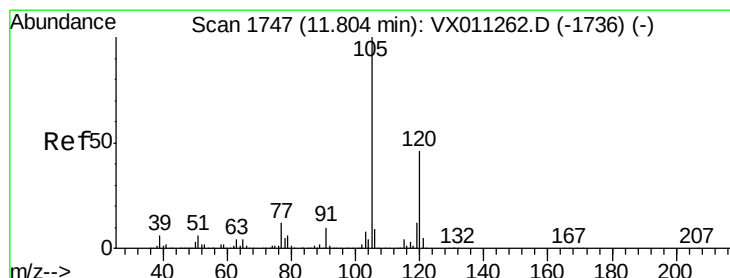
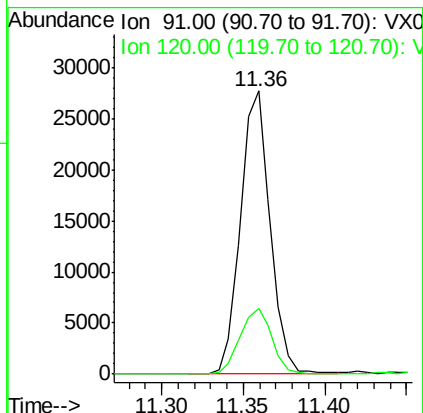
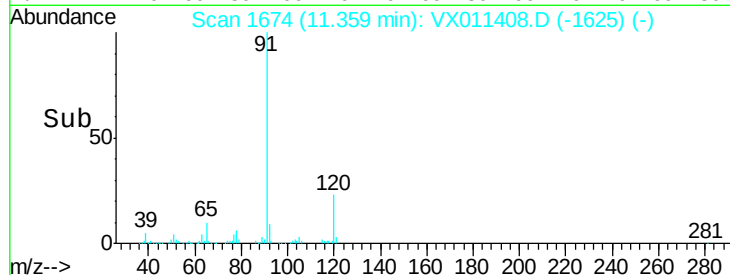
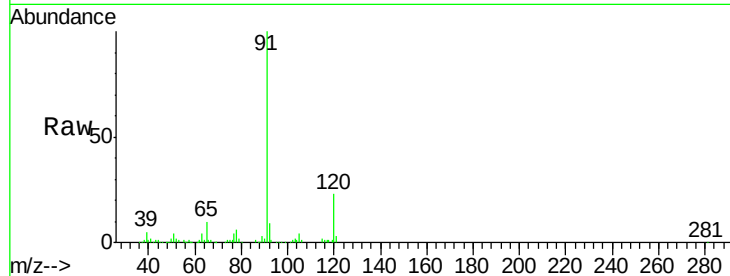
Ion Ratio Lower Upper

91 100

120 24.8 12.4 37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 0.376 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX011408.D

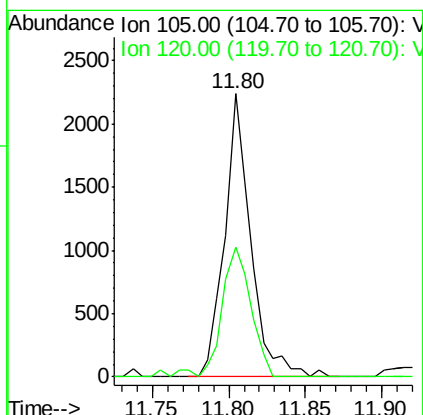
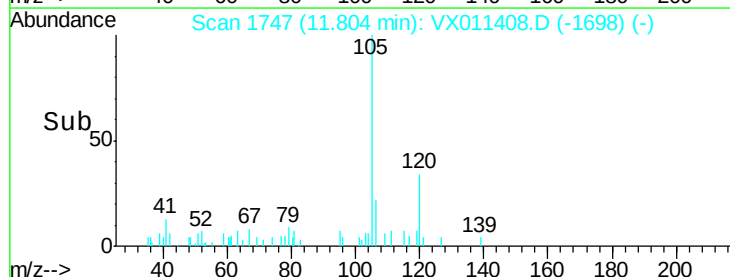
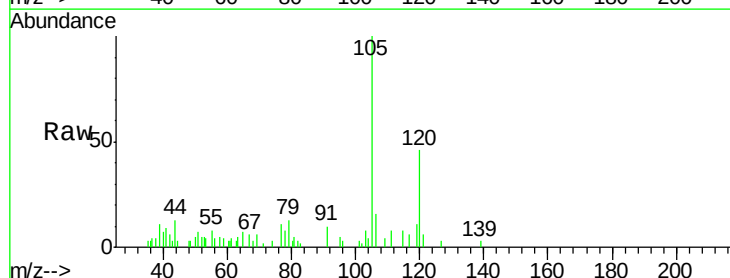
Acq: 09 Aug 2019 14:32

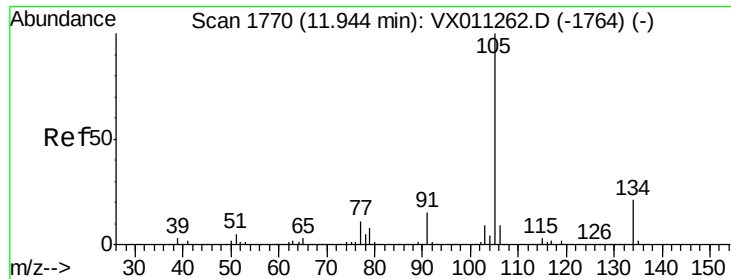
Tgt Ion: 105 Resp: 2660

Ion Ratio Lower Upper

105 100

120 51.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 0.664 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

Instrument :

MSVOA_X

ClientSampled :

Z3-0669

Tot Ion:105 Resp: 5568

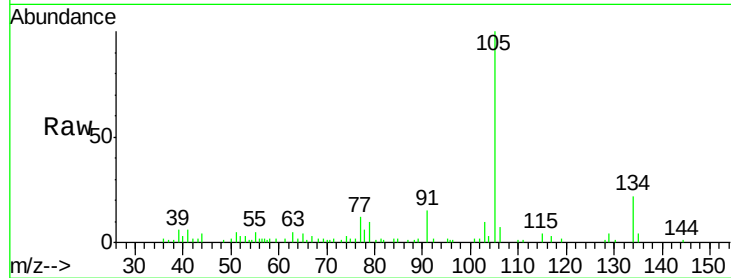
Ion Ratio Lower Upper

105 100

134 27.9 10.4 31.4

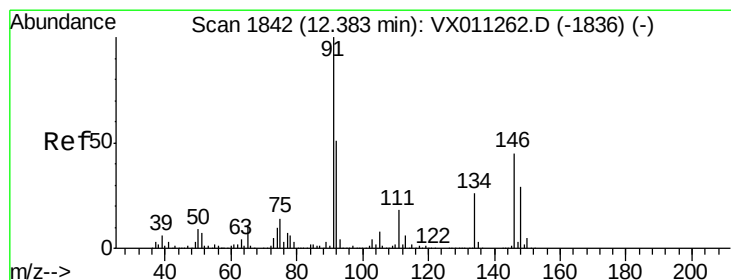
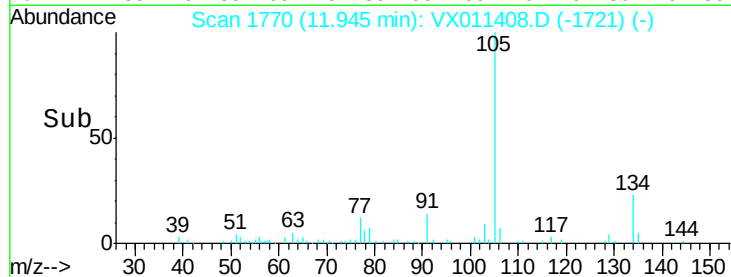
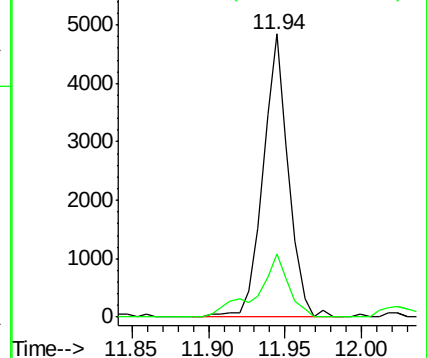
Manual Integrations
APPROVED

MMDadoda
8/12/2019 12:50:18 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.227 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011408.D

Acq: 09 Aug 2019 14:32

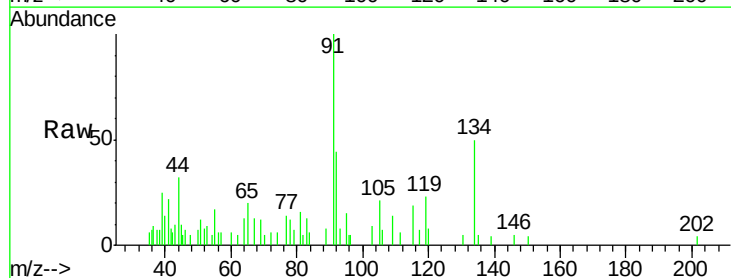
Tgt Ion: 91 Resp: 1508

Ion Ratio Lower Upper

91 100

92 58.8 25.8 77.3

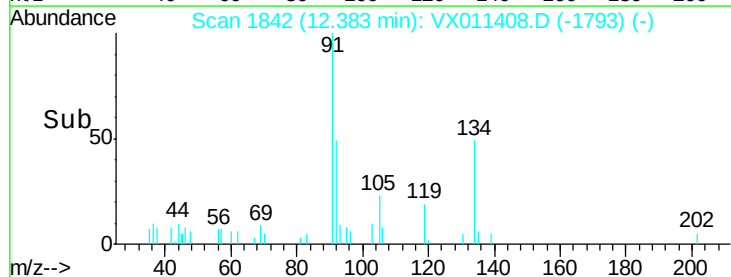
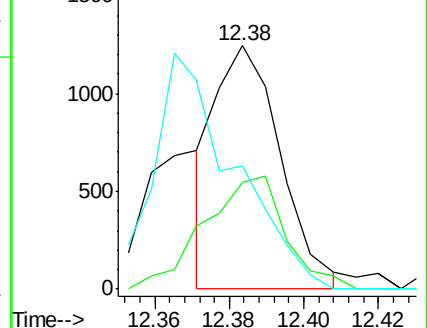
134 0.0 13.7 41.0#

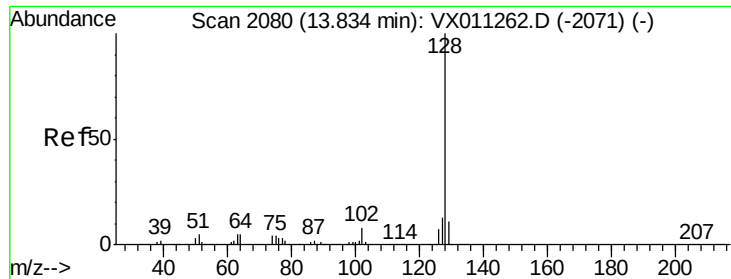


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 4.034 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011408.D
Acq: 09 Aug 2019 14:32

Instrument :
MSVOA_X
ClientSampleId :
Z3-0669

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	12.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/12/2019 12:50:18 PM

