

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000280.D
 Acq On : 12 Mar 2018 17:19
 Operator : JC/MD
 Sample : J1727-04
 Misc : 6.64g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 T-4

Manual Integrations
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 3/13/2018 10:58:45 AM

Quant Time: Mar 13 10:32:09 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	107180	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.87	114	182858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.13	117	173968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	93522	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	132444	89.14	ug/l	0.00
Spiked Amount						
			Recovery	=	178.28%	
35) Dibromofluoromethane	5.52	113	95254	82.93	ug/l	0.00
Spiked Amount						
			Recovery	=	165.86%	
50) Toluene-d8	8.73	98	397819	83.62	ug/l	0.00
Spiked Amount						
			Recovery	=	167.24%	
62) 4-Bromofluorobenzene	11.15	95	148497	79.97	ug/l	0.00
Spiked Amount						
			Recovery	=	159.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	7.46	83	12033	6.03	ug/l	98
52) Toluene	8.79	92	1268	0.39	ug/l	84
67) Ethyl Benzene	10.26	91	39061	6.37	ug/l	100
68) m/p-Xylenes	10.37	106	45250	19.17	ug/l	100
69) o-Xylene	10.71	106	10435	4.60	ug/l	98
73) Isopropylbenzene	11.03	105	14846	2.54	ug/l	98
78) n-propylbenzene	11.37	91	61412	8.91	ug/l	96
80) 1,3,5-Trimethylbenzene	11.52	105	74772	15.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	150157	29.87	ug/l	99
85) sec-Butylbenzene	11.96	105	18562	3.08	ug/l	91
86) p-Isopropyltoluene	12.07	119	6655	1.25	ug/l	97
89) n-Butylbenzene	12.40	91	54370m	10.64	ug/l	
95) Naphthalene	13.84	128	65488	9.05	ug/l #	94

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

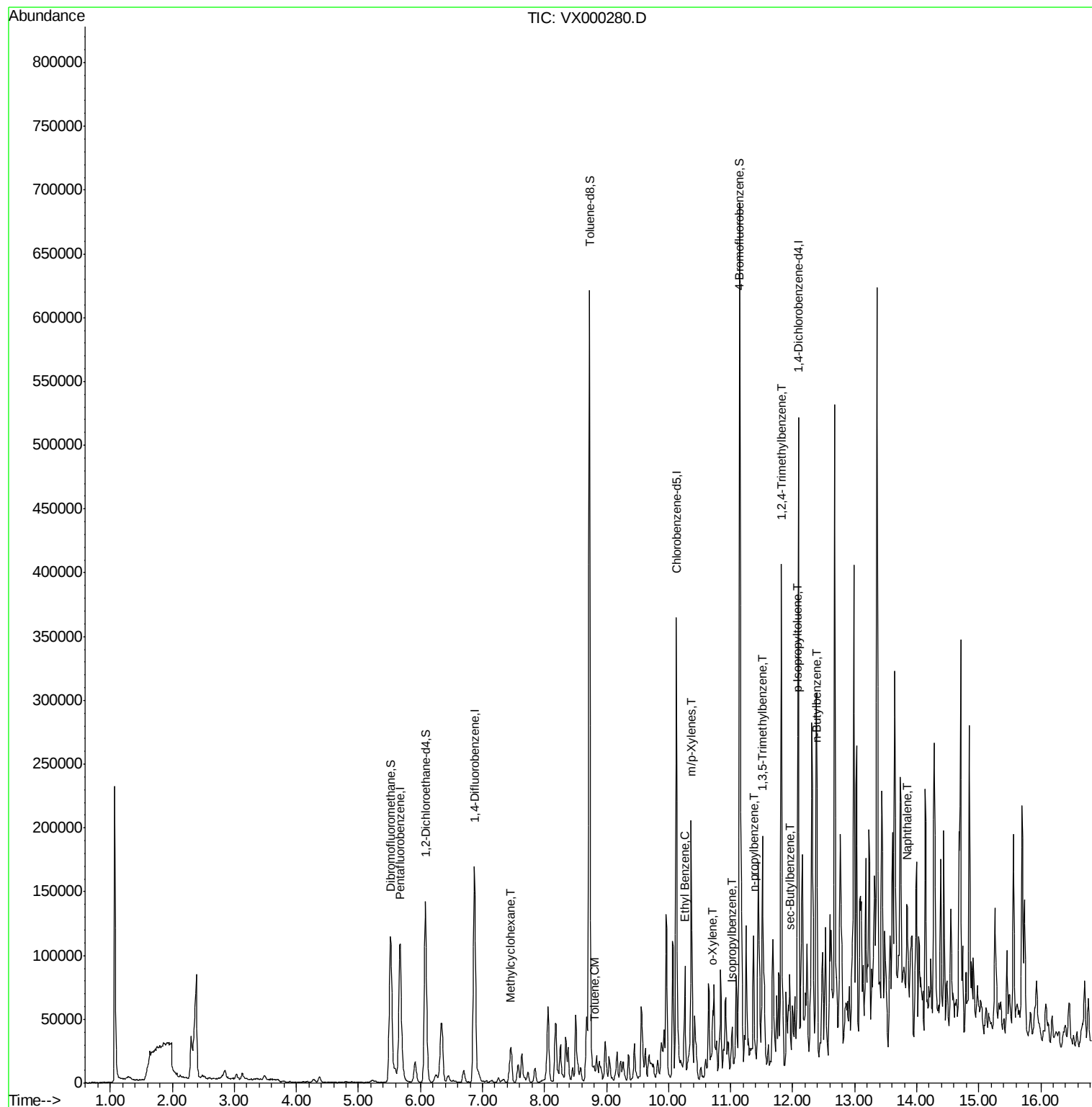
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Data File : VX000280.D
Acq On : 12 Mar 2018 17:19
Operator : JC/MD
Sample : J1727-04
Misc : 6.64g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

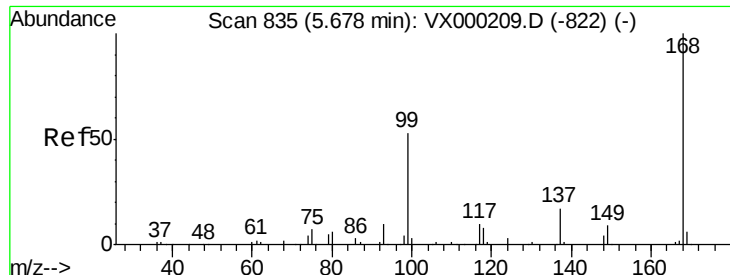
Instrument :
MSVOA_X
ClientSampleId :
T-4

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Quant Time: Mar 13 10:32:09 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

Instrument :

MSVOA_X

ClientSampled :

T-4

Tot Ion:168 Resp: 107180

Ion Ratio Lower Upper

168 100

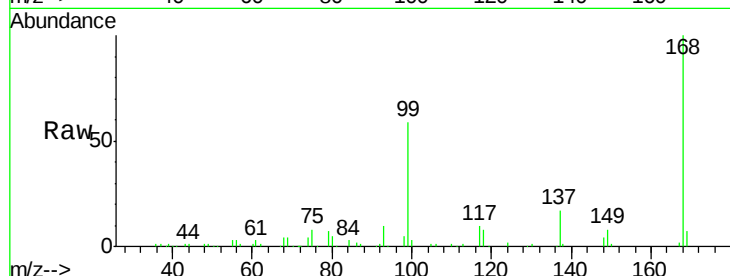
99 58.5 42.8 64.2

Manual Integrations

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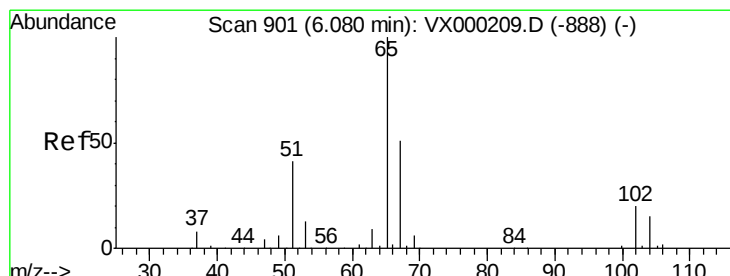
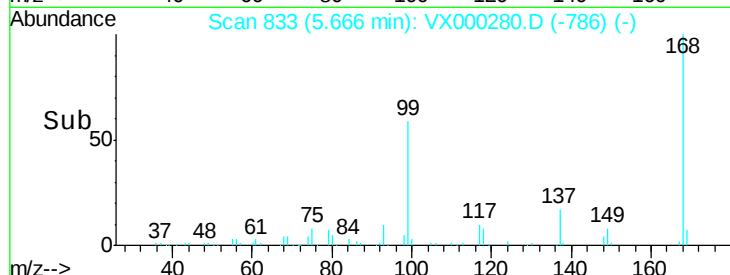
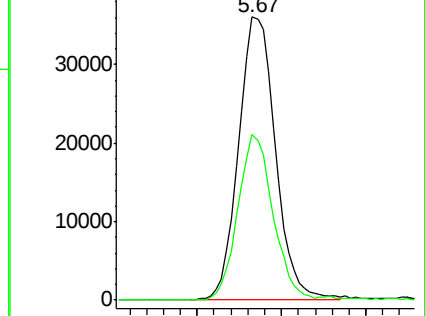
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 89.14 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000280.D

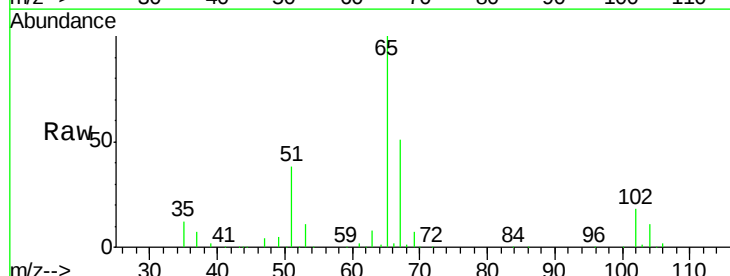
Acq: 12 Mar 2018 17:19

Tgt Ion: 65 Resp: 132444

Ion Ratio Lower Upper

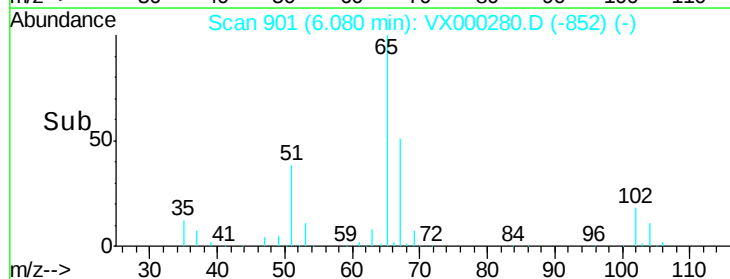
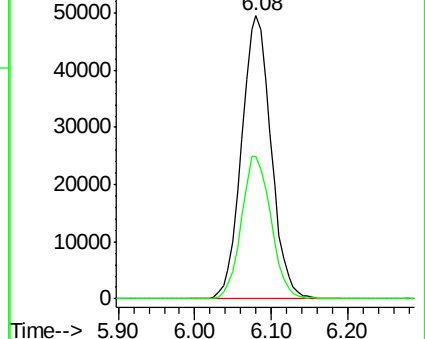
65 100

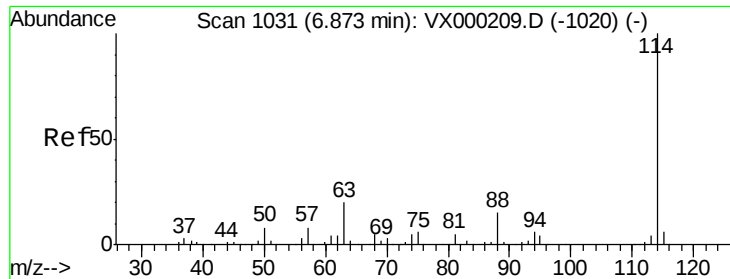
67 50.6 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





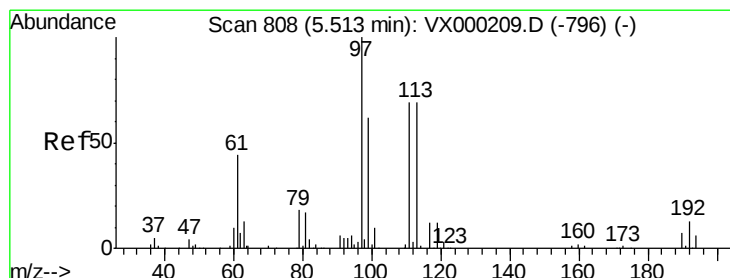
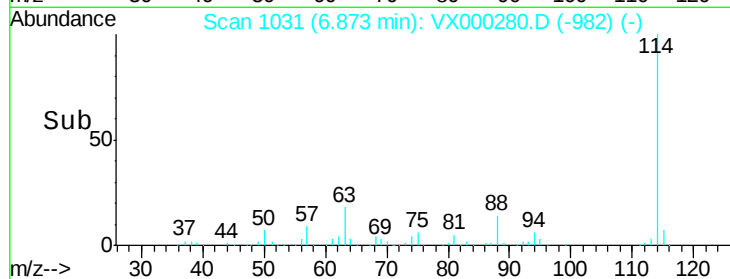
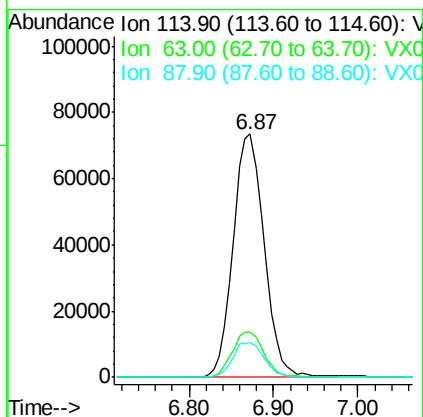
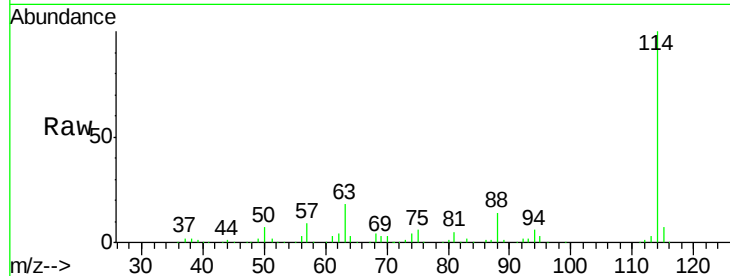
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Instrument :
 MSVOA_X
 ClientSampled :
 T-4

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.4	0.0	39.2
88	14.3	0.0	29.8

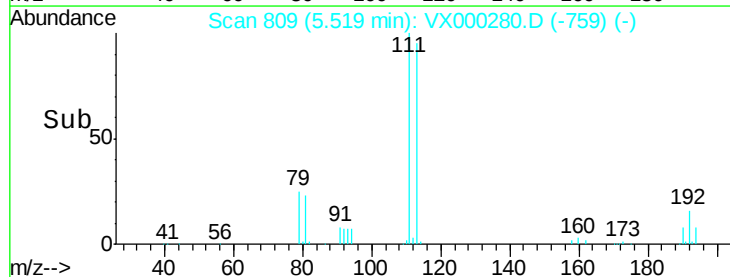
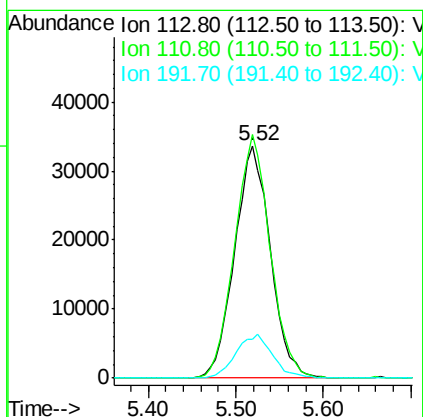
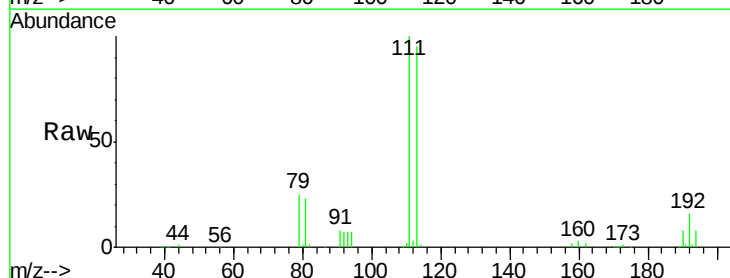
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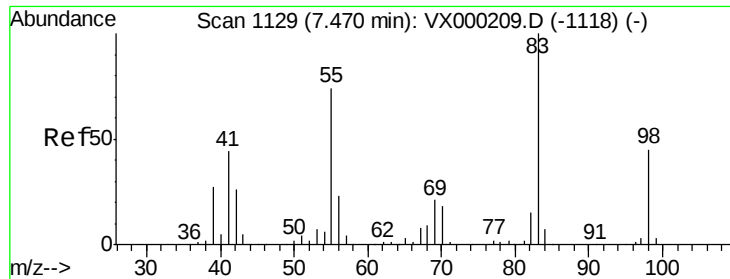
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#35
 Dibromofluoromethane
 Concen: 82.93 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.2	83.0	124.6
192	19.4	15.5	23.3





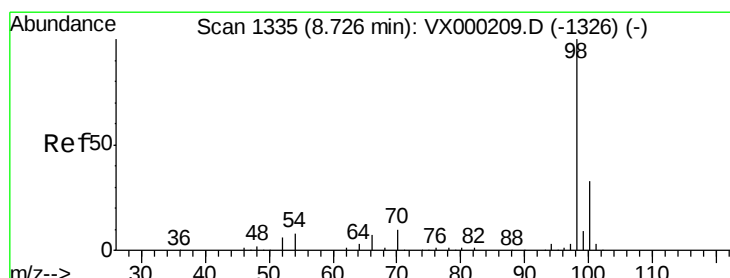
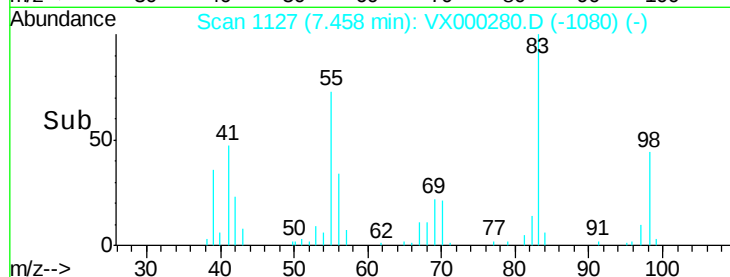
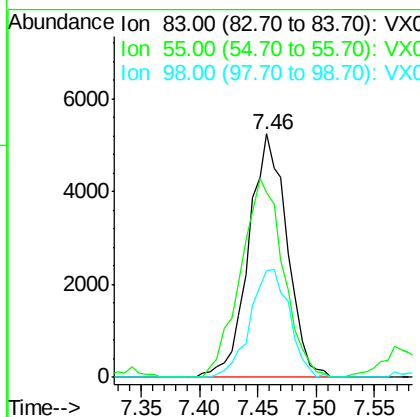
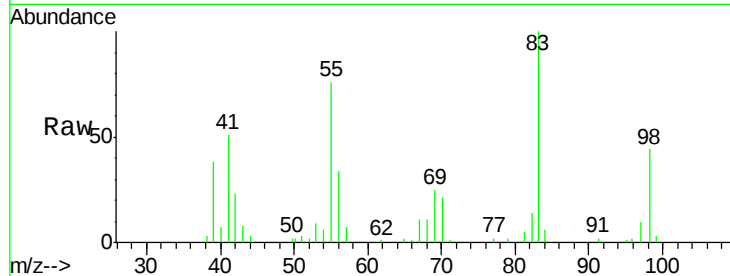
#39
Methvlcvclohexane
Concen: 6.03 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Instrument :
MSVOA_X
ClientSampled :
T-4

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	59.4	89.0
98	43.9	36.3	54.5

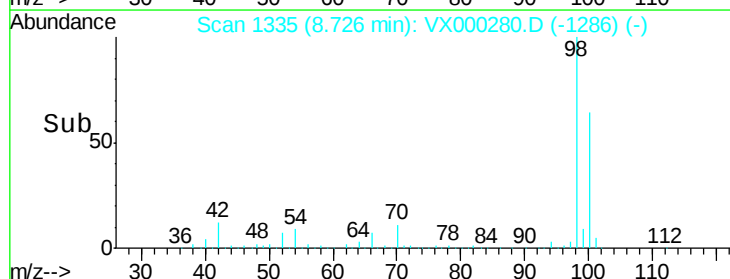
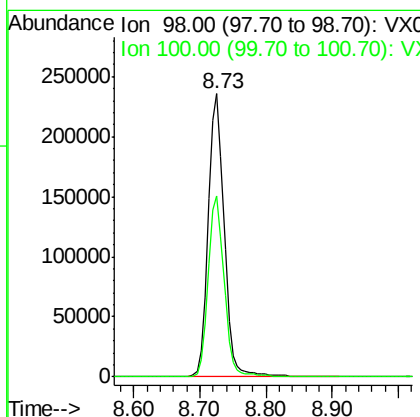
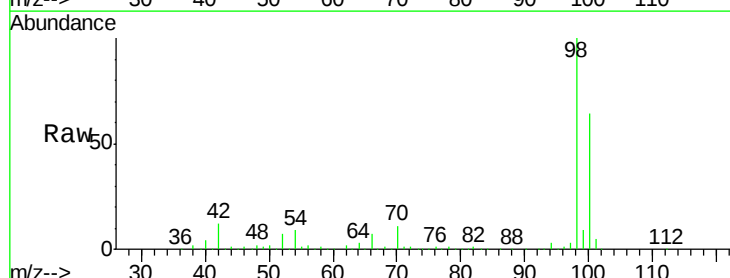
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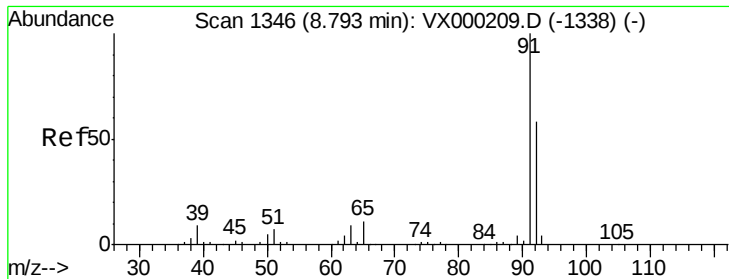
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#50
Toluene-d8
Concen: 83.62 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#52

Toluene

Concen: 0.39 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

Instrument :

MSVOA_X

ClientSampled :

T-4

Tot Ion: 92 Resp: 1268

Ion Ratio Lower Upper

92 100

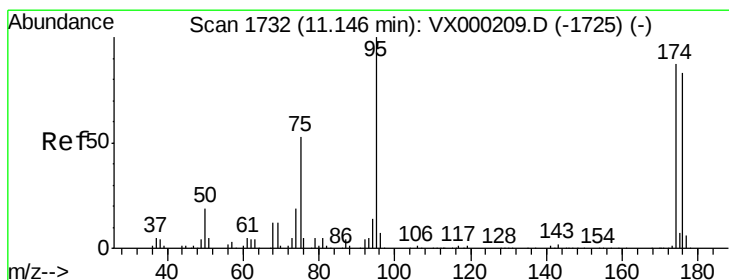
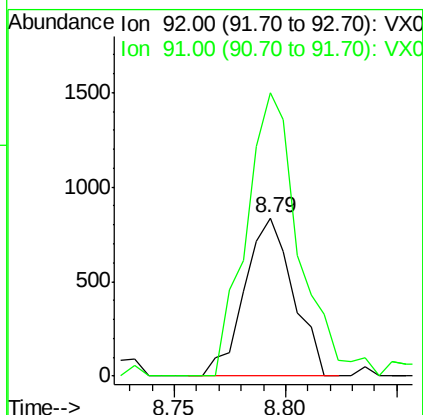
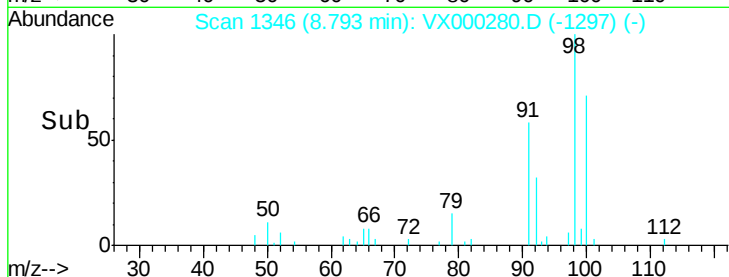
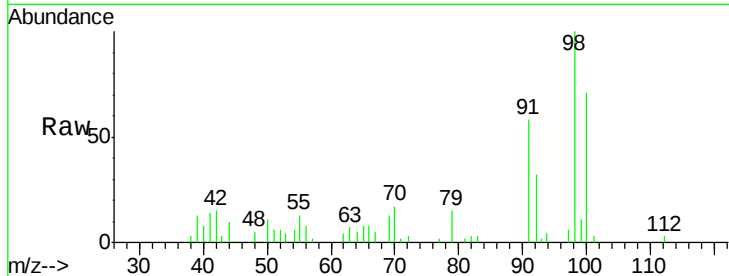
91 195.7 139.0 208.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 79.97 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

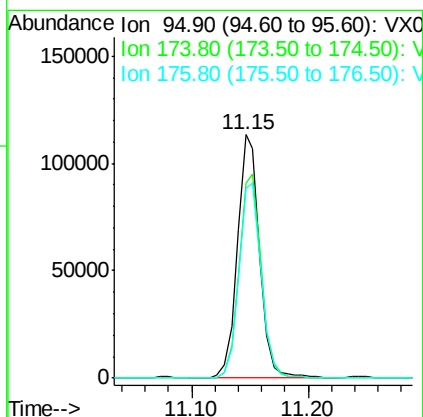
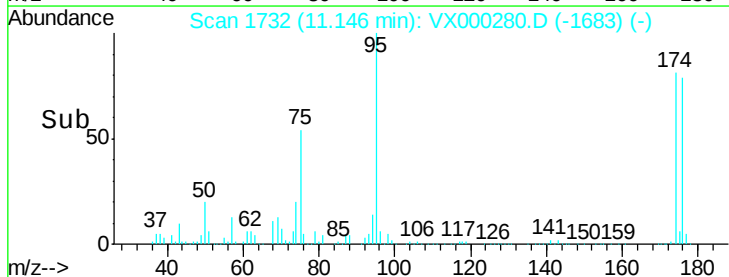
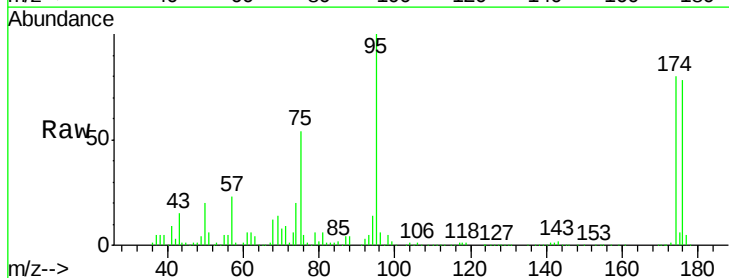
Tgt Ion: 95 Resp: 148497

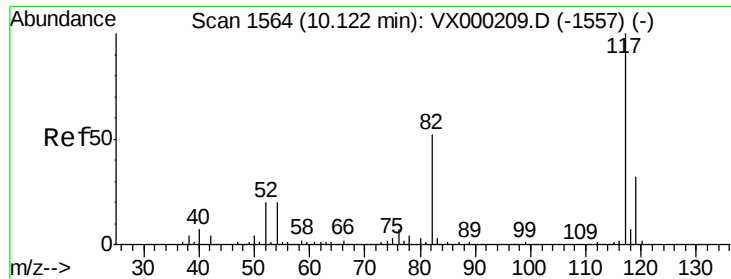
Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.6

176 81.3 0.0 171.0





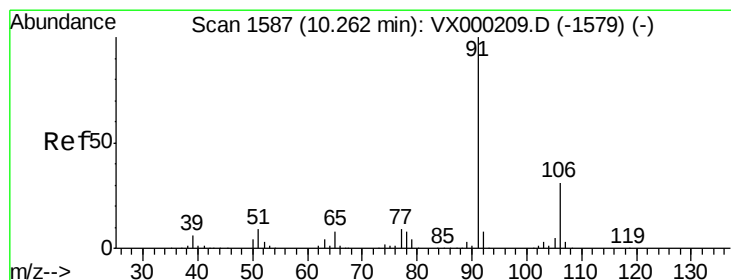
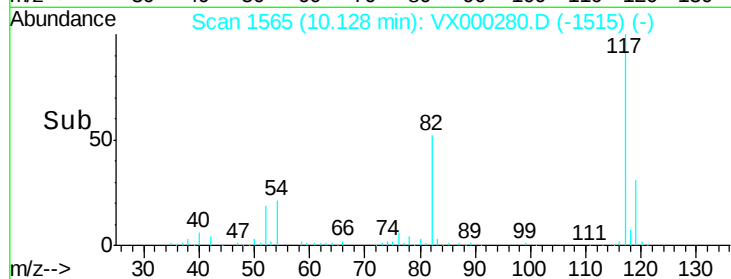
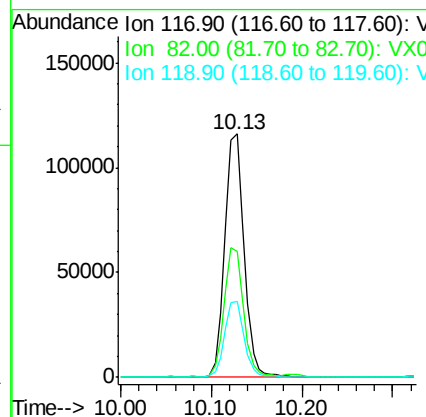
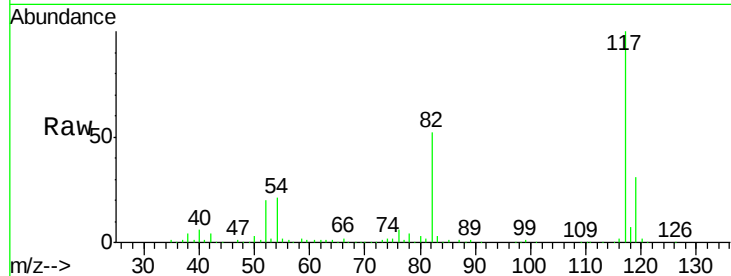
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.13 min Scan# 1565
Delta R.T. 0.01 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Instrument :
MSVOA_X
ClientSampled :
T-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.4	42.0	63.0
119	31.3	25.3	37.9

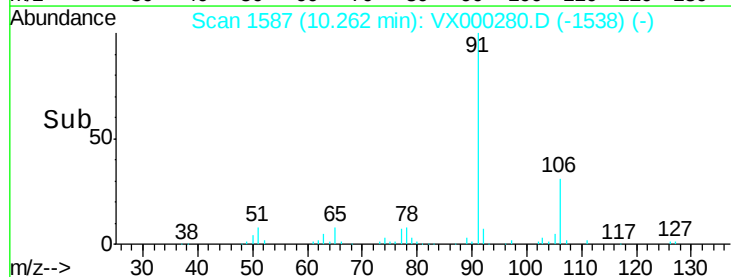
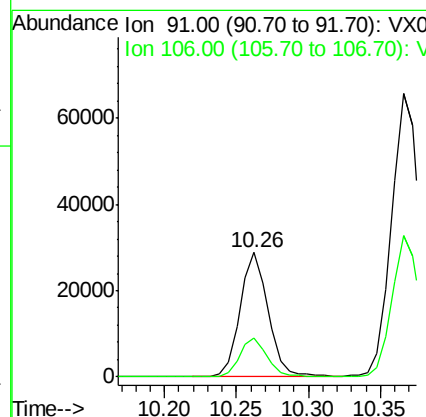
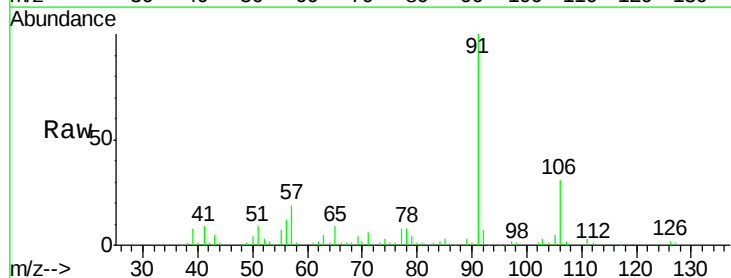
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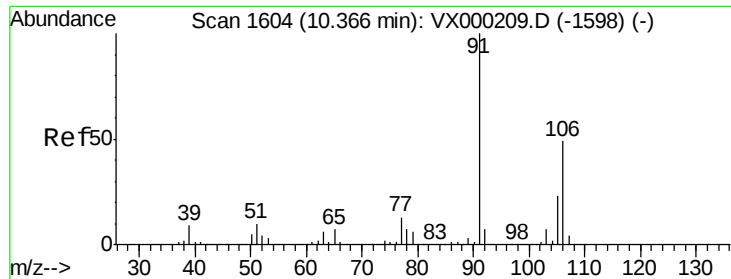
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#67
Ethyl Benzene
Concen: 6.37 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.2	37.8





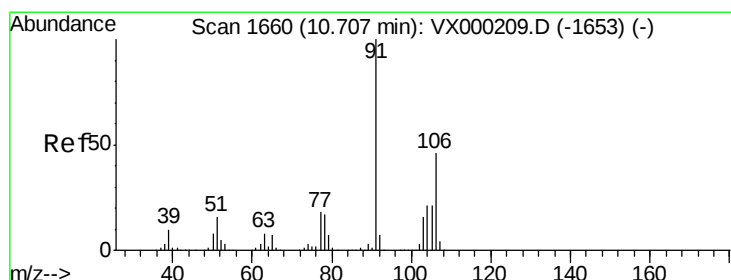
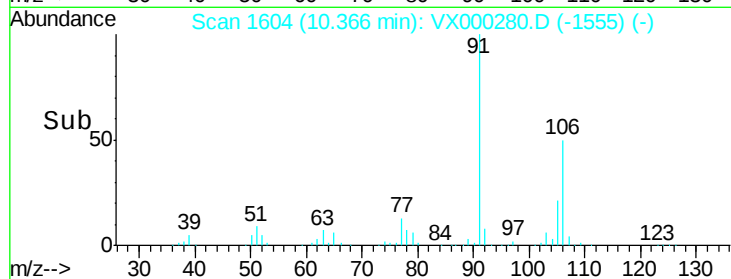
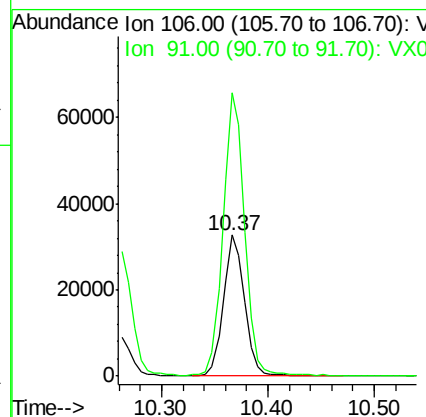
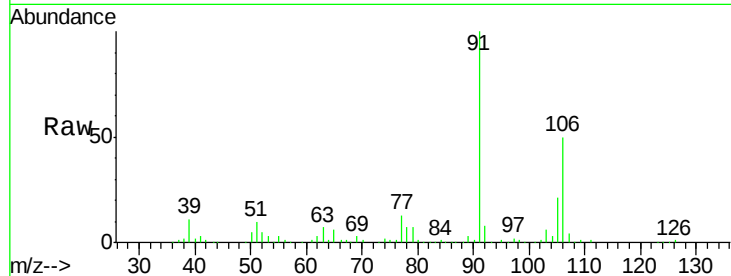
#68
m/p-Xylenes
Concen: 19.17 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Instrument :
MSVOA_X
ClientSampled :
T-4

Tot Ion:106 Resp: 45250
Ion Ratio Lower Upper
106 100
91 200.6 160.9 241.3

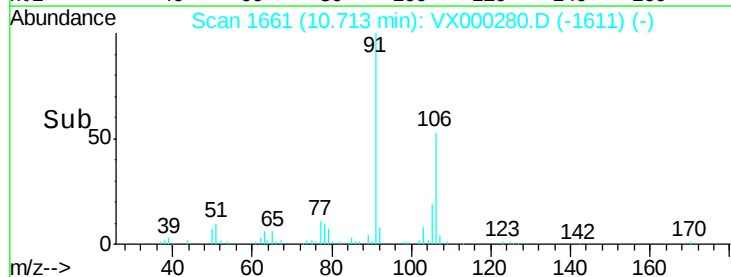
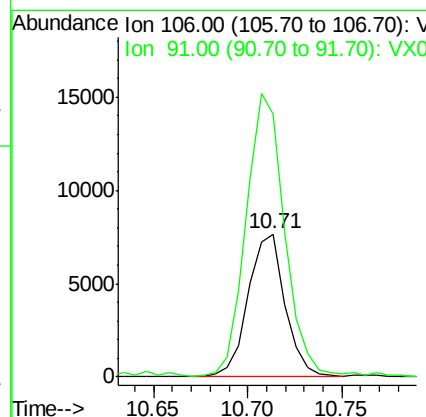
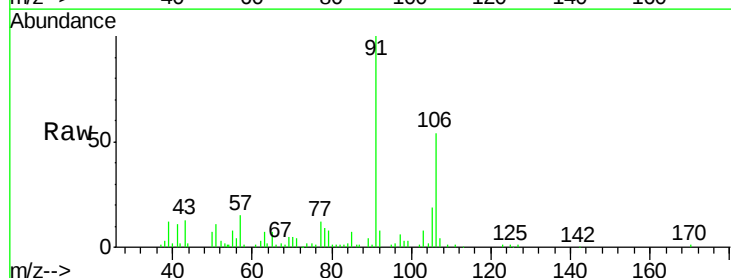
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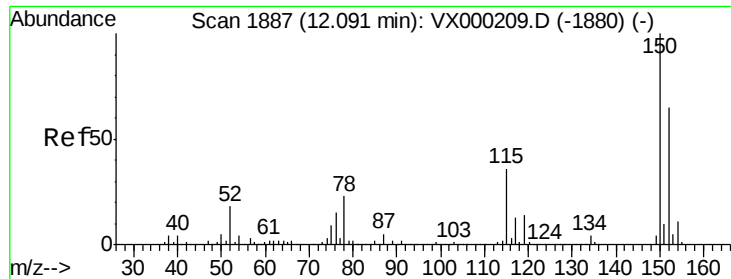
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#69
o-Xylene
Concen: 4.60 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.01 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Tgt Ion:106 Resp: 10435
Ion Ratio Lower Upper
106 100
91 208.7 105.9 317.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1887

Delta R.T. 0.00 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

Instrument :

MSVOA_X

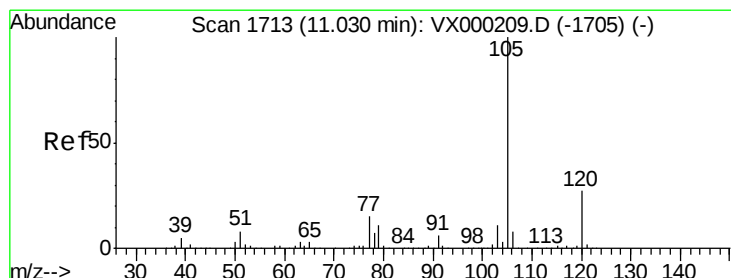
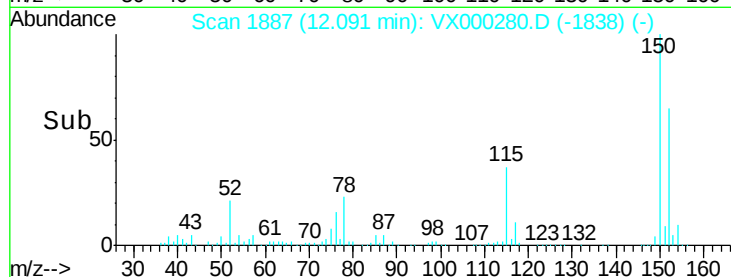
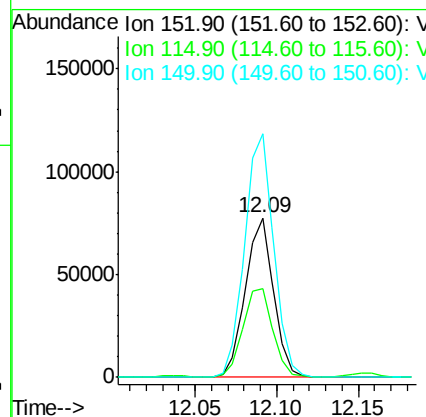
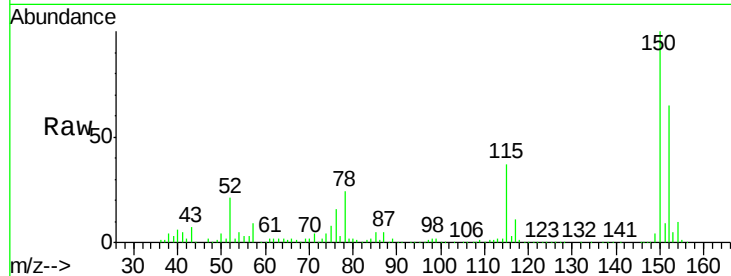
ClientSampled :

T-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	39.8	119.3
150	158.0	0.0	345.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 2.54 ug/l

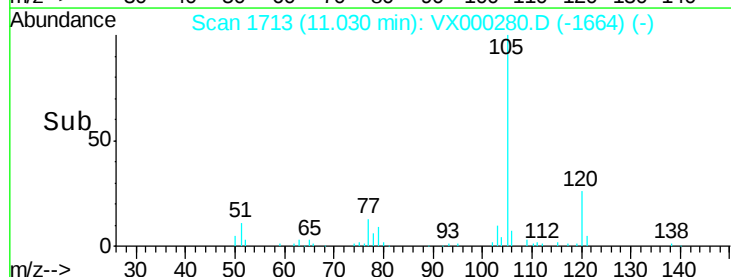
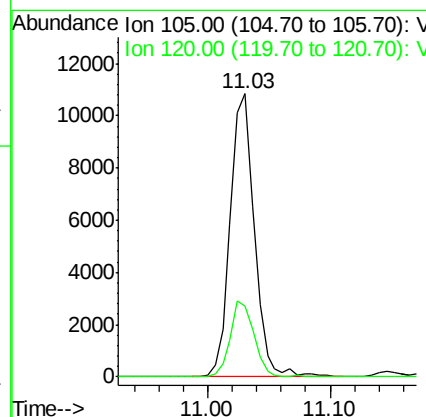
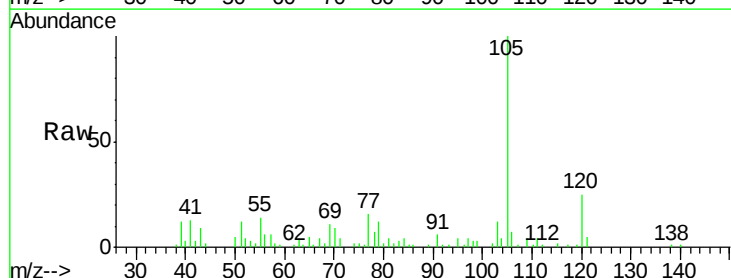
RT: 11.03 min Scan# 1713

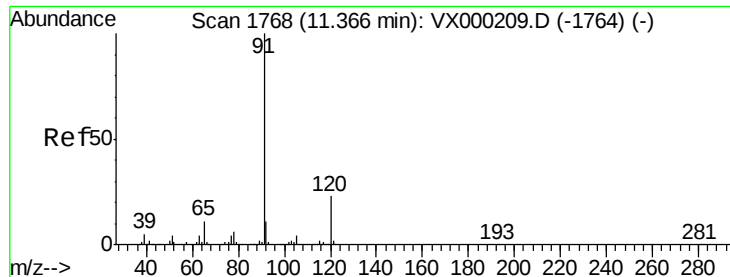
Delta R.T. 0.00 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.5	40.4





#78

n-propylbenzene

Concen: 8.91 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000280.D

Acq: 12 Mar 2018 17:19

Instrument :

MSVOA_X

ClientSampled :

T-4

Tot Ion: 91 Resp: 61412

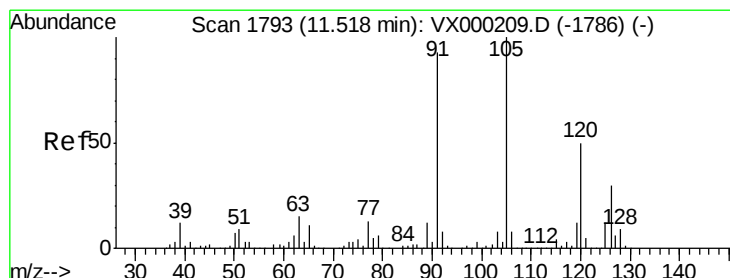
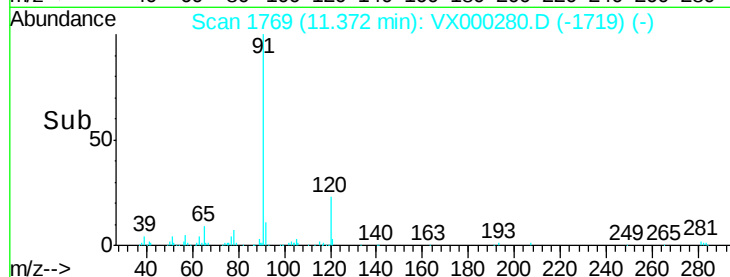
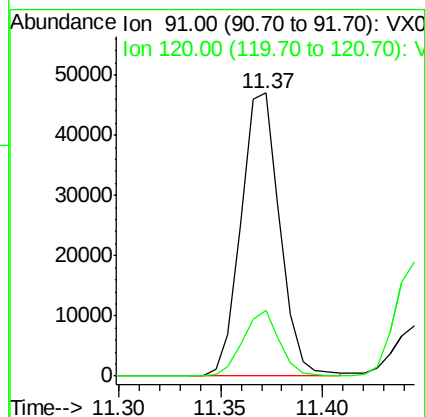
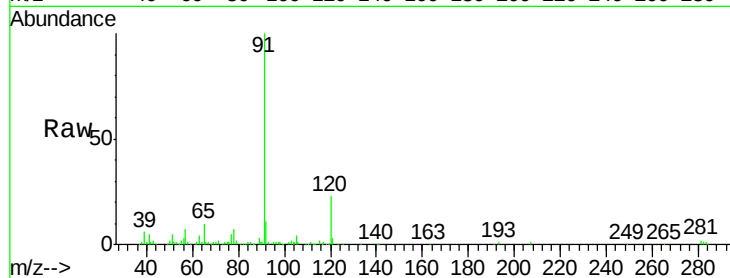
Ion Ratio Lower Upper

91 100

120 22.1 12.2 36.4

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#80

1,3,5-Trimethylbenzene

Concen: 15.30 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000280.D

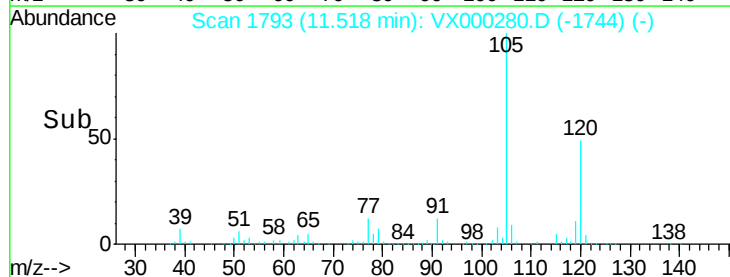
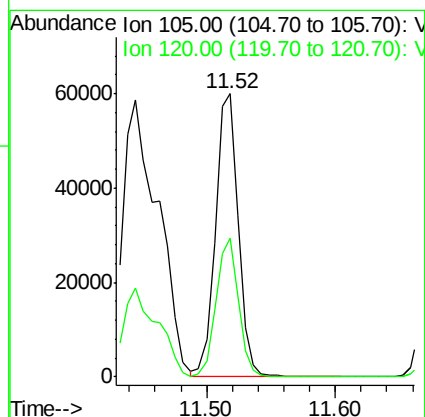
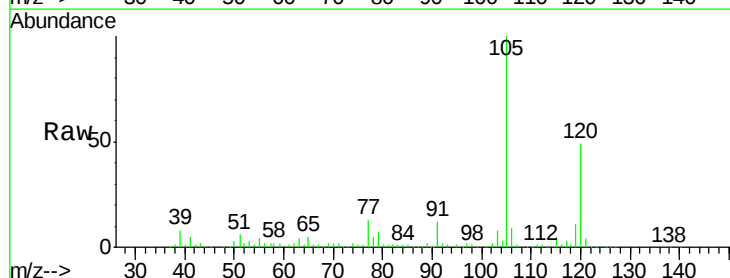
Acq: 12 Mar 2018 17:19

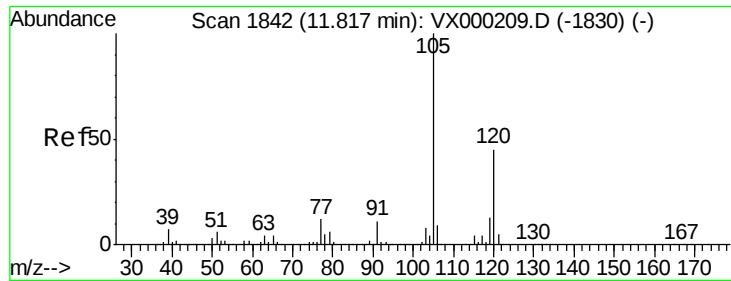
Tgt Ion: 105 Resp: 74772

Ion Ratio Lower Upper

105 100

120 48.3 24.9 74.6





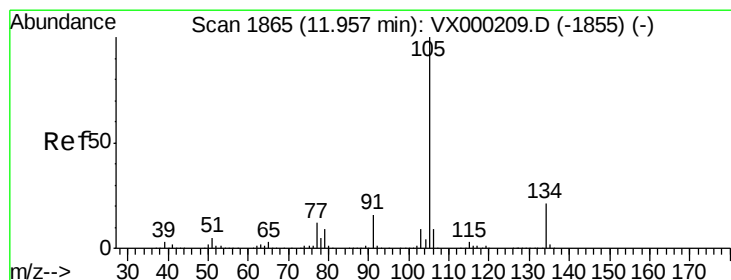
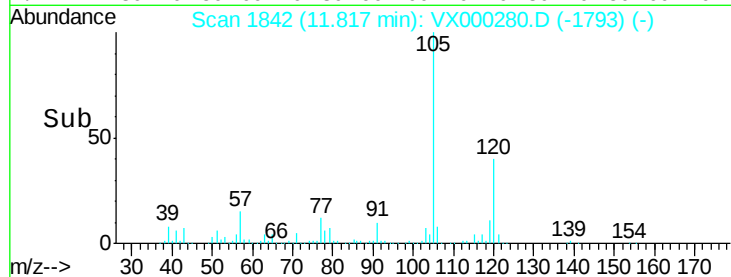
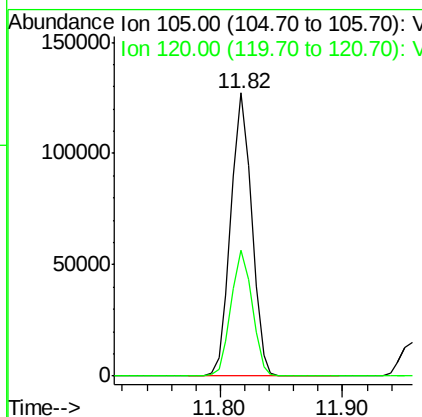
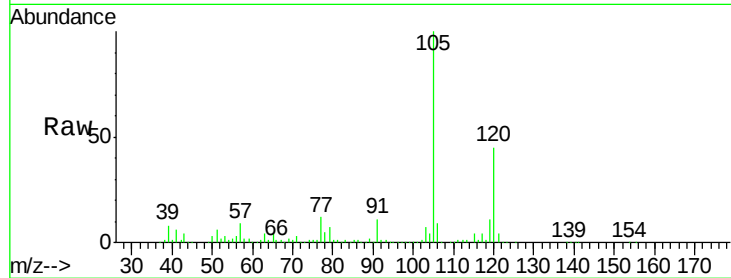
#84
 1,2,4-Trimethylbenzene
 Concen: 29.87 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Instrument :
 MSVOA_X
 ClientSampled :
 T-4

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.0	69.0

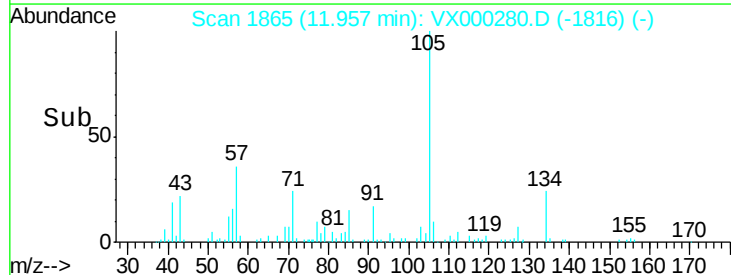
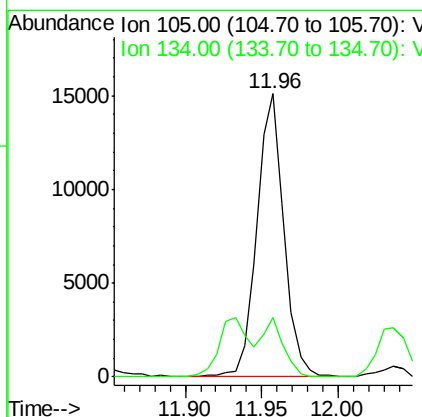
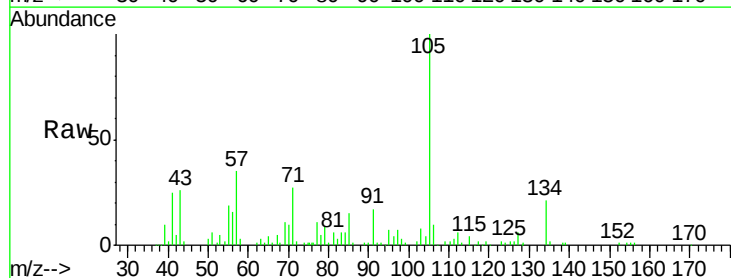
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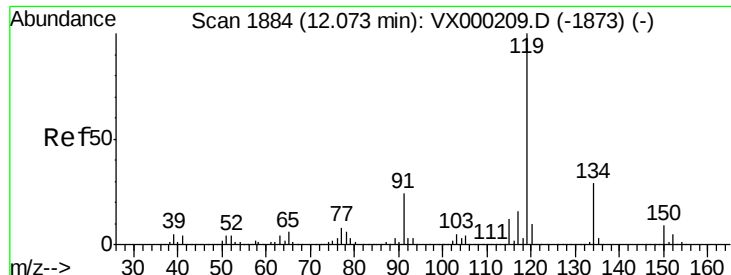
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#85
 sec-Butylbenzene
 Concen: 3.08 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Lower	Upper
105	100		
134	16.2	10.3	30.9





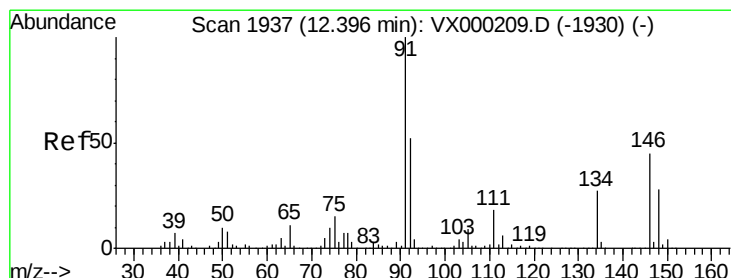
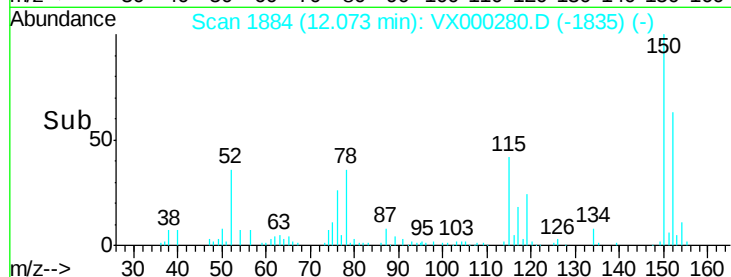
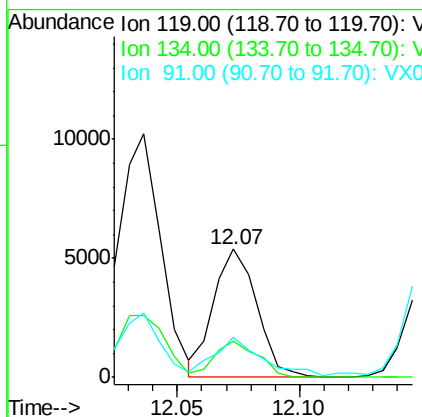
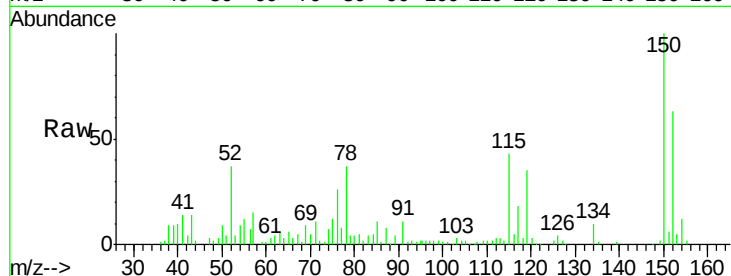
#86
 p-Isopropyltoluene
 Concen: 1.25 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Instrument :
 MSVOA_X
 ClientSampled :
 T-4

Tot Ion	Ratio	Resp	Lower	Upper
119	100	6655		
134	27.7	13.8	41.3	
91	26.9	12.0	36.0	

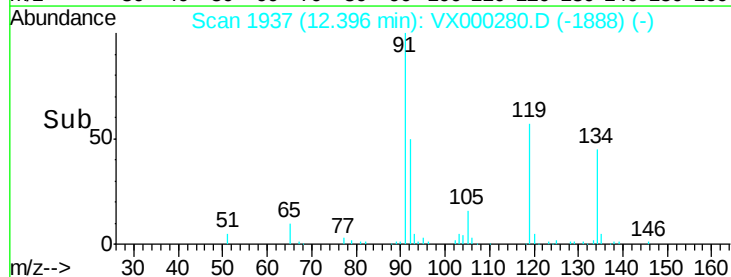
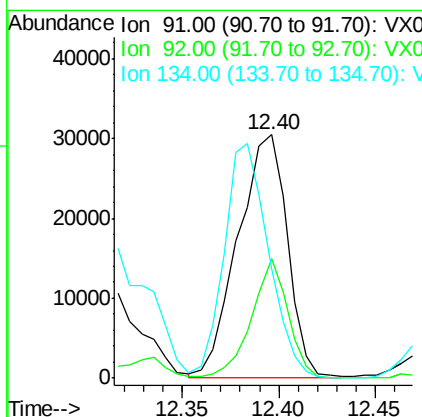
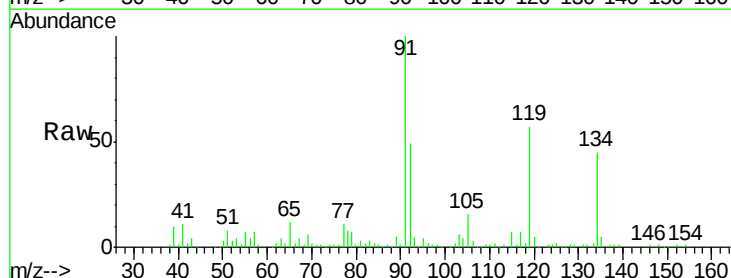
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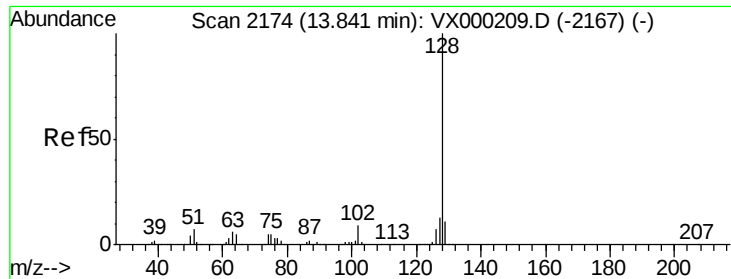
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#89
 n-Butylbenzene
 Concen: 10.64 ug/l m
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX000280.D
 Acq: 12 Mar 2018 17:19

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	54370		
92	0.0	25.8	77.4#	
134	0.0	13.5	40.5#	





#95
Naphthalene
Concen: 9.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000280.D
Acq: 12 Mar 2018 17:19

Instrument :
MSVOA_X
ClientSampleId :
T-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	14.6	8.6	13.0

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