

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004000.D
 Acq On : 13 Aug 2018 15:15
 Operator : JC/MD
 Sample : J4429-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540

Manual Integrations
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 8/14/2018 12:55:59 PM

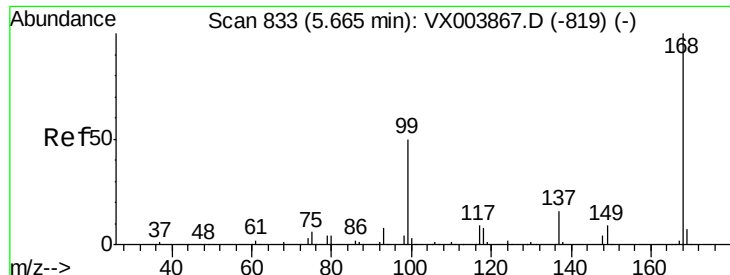
Quant Time: Aug 14 13:02:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	312584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	516048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	472874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	218746	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.58%		
35) Dibromofluoromethane	5.51	113	183090	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.66%		
50) Toluene-d8	8.72	98	744696	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.96%		
62) 4-Bromofluorobenzene	11.14	95	259813	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.62%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
31) Cyclohexane	5.58	56	926618	155.16	ug/l	98
39) Methylcyclohexane	7.46	83	959683	140.83	ug/l	100
67) Ethyl Benzene	10.26	91	1317057	65.39	ug/l	98
68) m/p-Xylenes	10.37	106	536693	68.19	ug/l	97
69) o-Xylene	10.70	106	14060	1.89	ug/l	97
73) Isopropylbenzene	11.02	105	507537	23.90	ug/l	96
78) n-propylbenzene	11.36	91	1016014	42.61	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1136324	65.63	ug/l	98
83) tert-Butylbenzene	11.77	119	10682m	0.63	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	3656360	210.01	ug/l	97
85) sec-Butylbenzene	11.94	105	108000m	5.37	ug/l	
86) p-Isopropyltoluene	12.07	119	113534	6.29	ug/l	100
95) Naphthalene	13.83	128	382350	17.88	ug/l	99

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



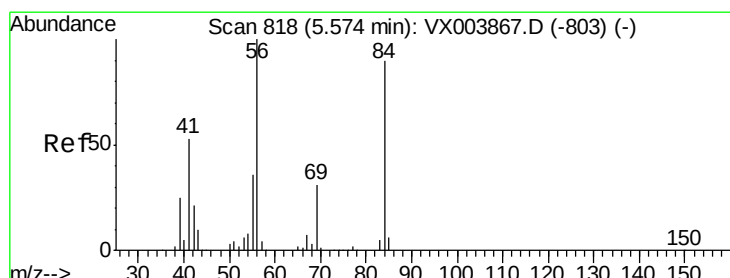
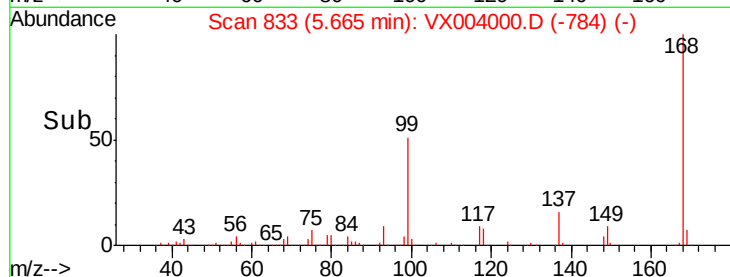
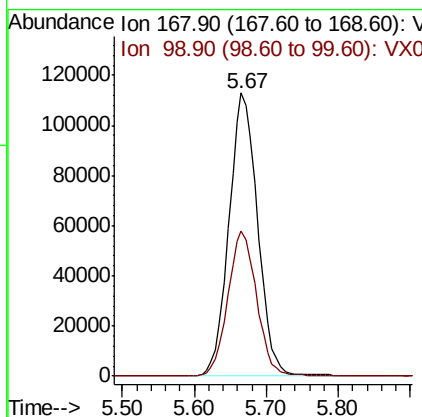
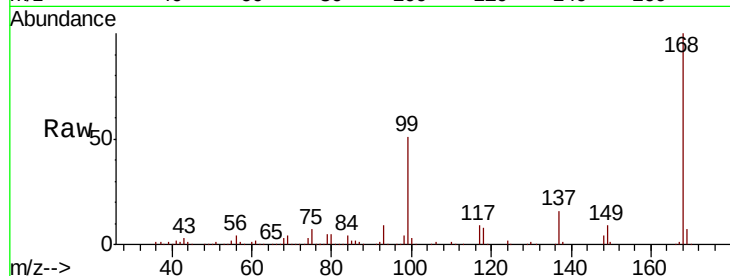
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX004000.D
Acq: 13 Aug 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0540

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.2	40.1	60.1

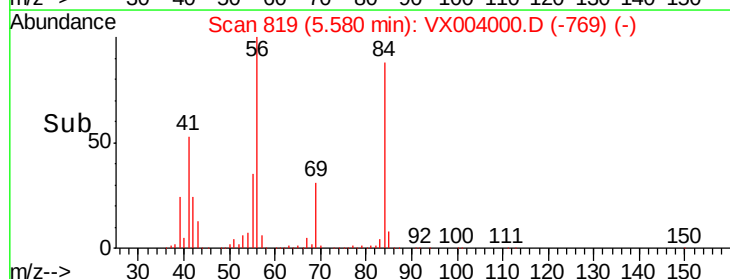
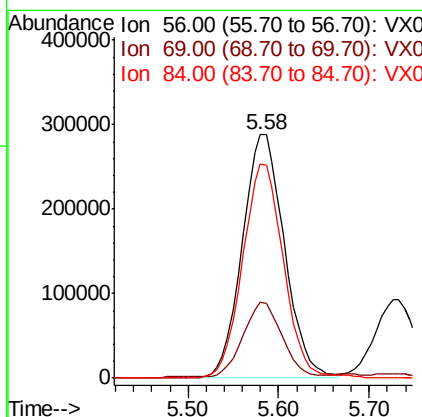
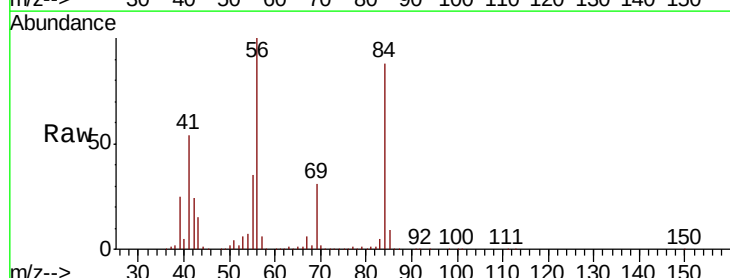
Manual Integrations
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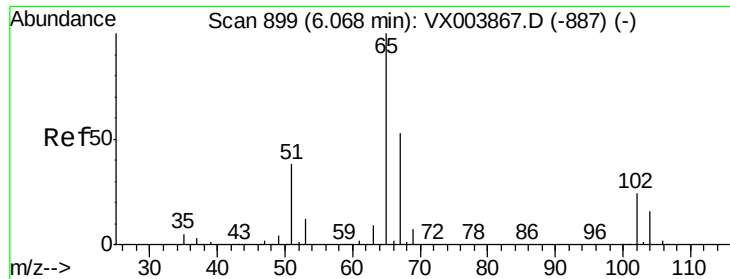
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#31
Cyclohexane
Concen: 155.16 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004000.D
Acq: 13 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.9	37.3
84	88.0	71.7	107.5





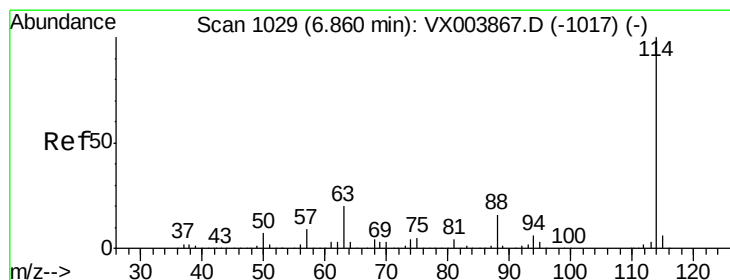
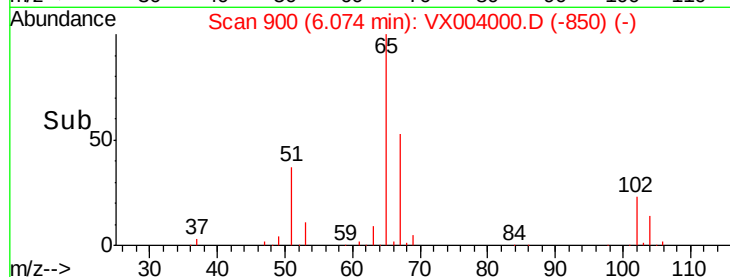
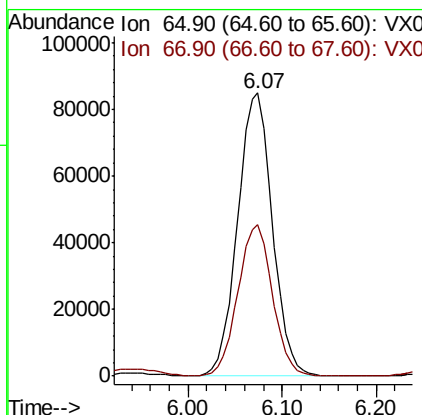
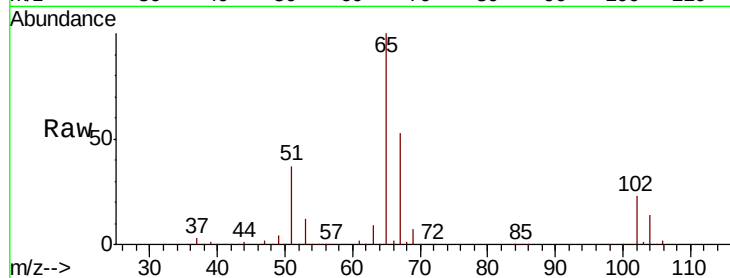
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 1,2-Dichloroethane-d4
 Concen: 52.79 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX004000.D
 Acq: 13 Aug 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218746		
67	52.9	0.0	105.8	

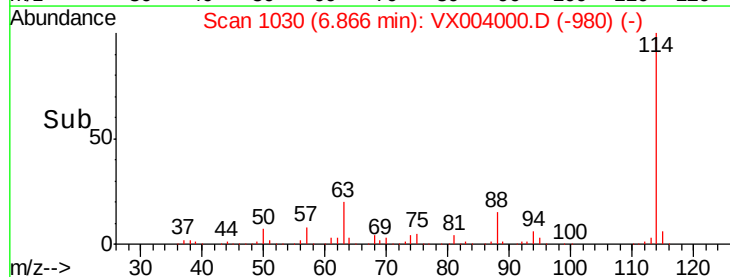
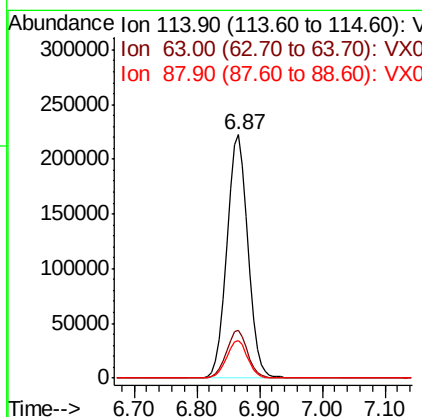
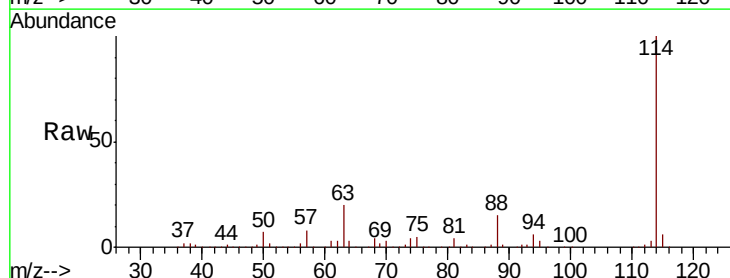
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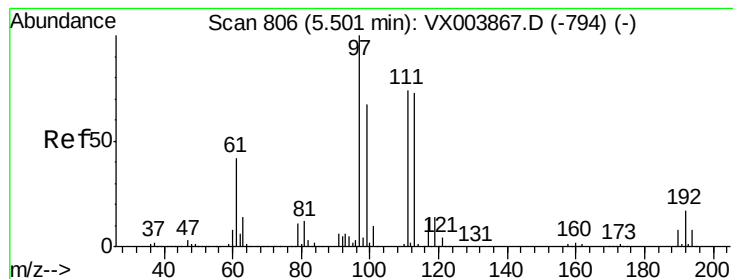
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004000.D
 Acq: 13 Aug 2018 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	516048		
63	19.6	0.0	39.0	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 46.83 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

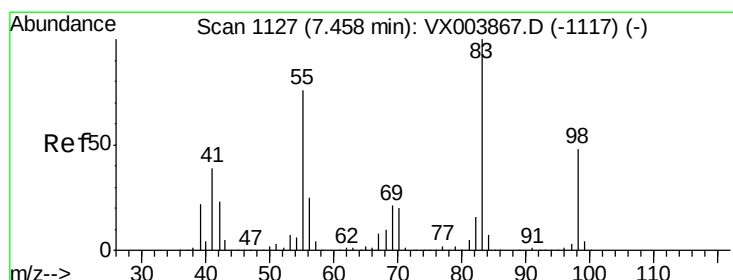
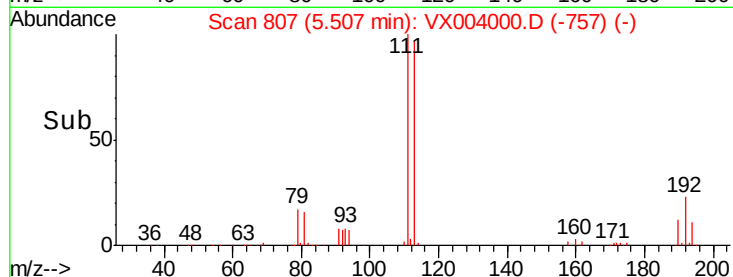
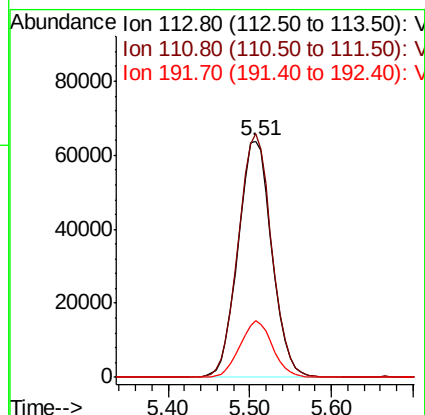
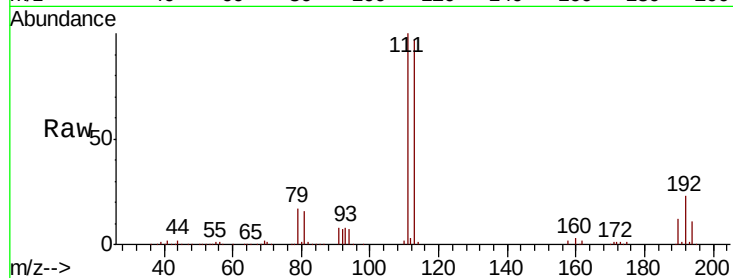
ClientSampled :

FL-0540

Tot Ion:	113	Resp:	183090
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.0	123.0
192	23.1	19.0	28.4

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#39

Methylcyclohexane

Concen: 140.83 ug/l

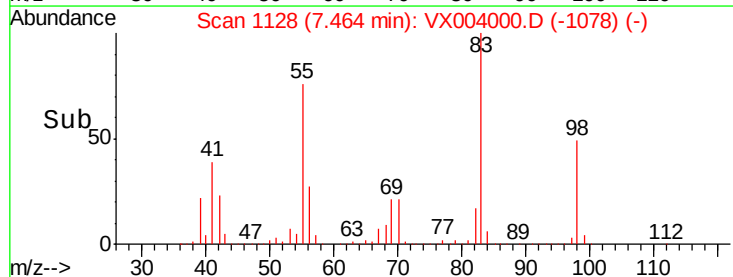
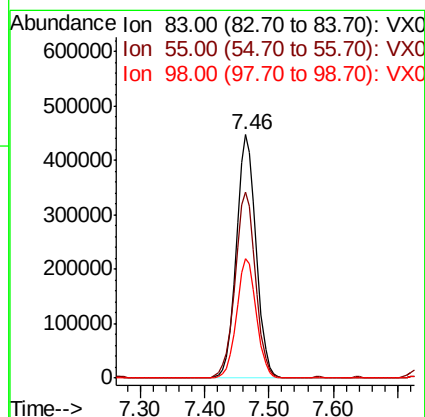
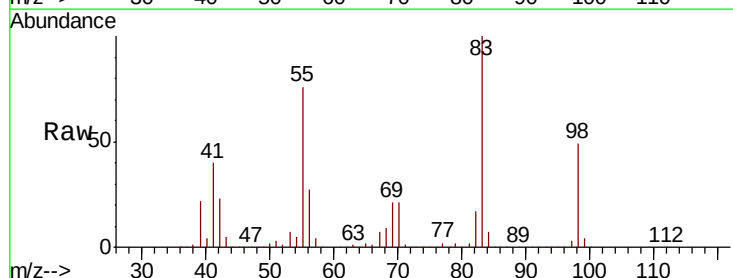
RT: 7.46 min Scan# 1128

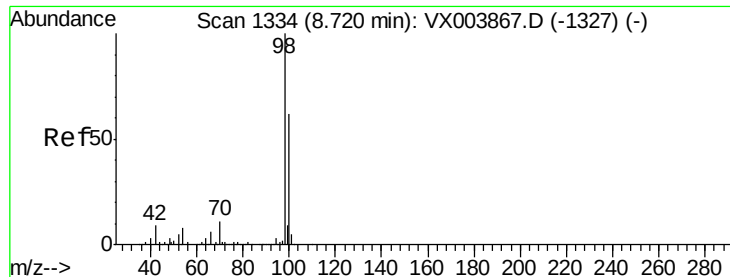
Delta R.T. 0.01 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Tgt Ion:	83	Resp:	959683
Ion Ratio	Lower	Upper	
83	100		
55	76.3	61.0	91.6
98	48.9	38.6	57.8





#50

Toluene-d8

Concen: 48.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

FL-0540

Tot Ion: 98 Resp: 744696

Ion Ratio Lower Upper

98 100

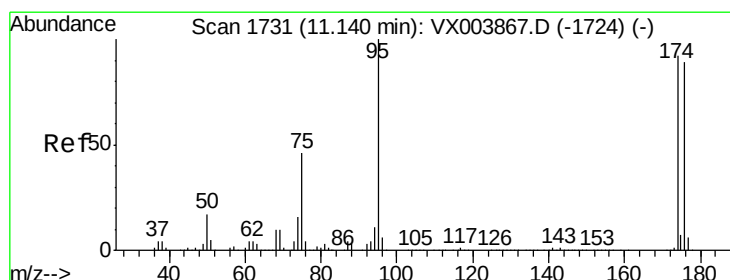
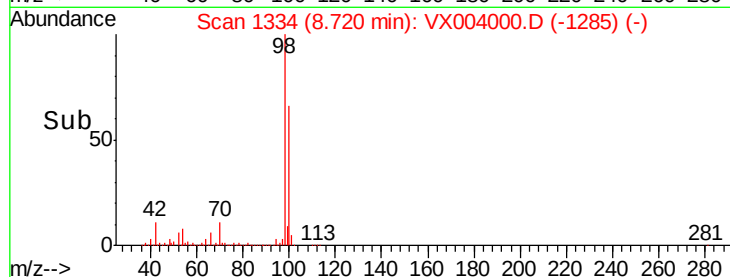
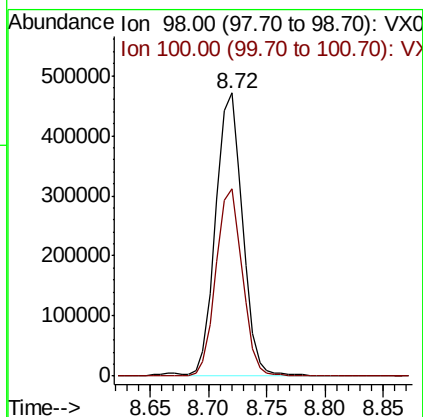
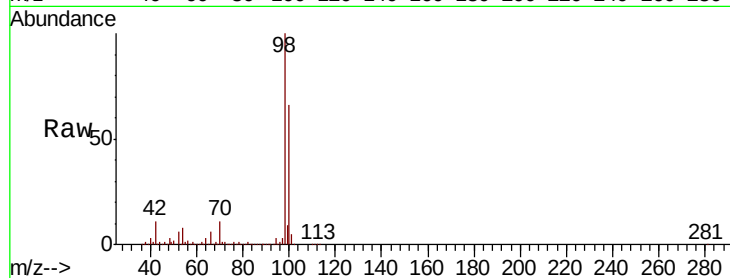
100 65.9 53.3 79.9

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#62

4-Bromofluorobenzene

Concen: 52.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

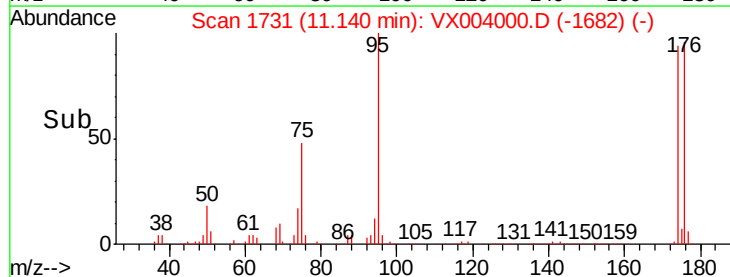
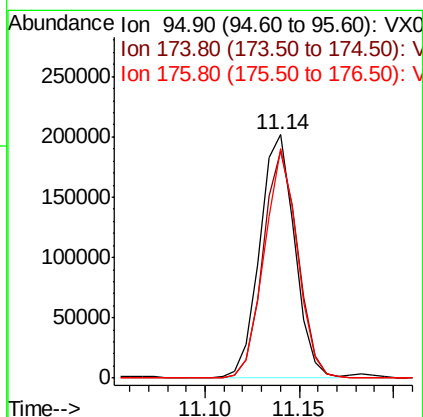
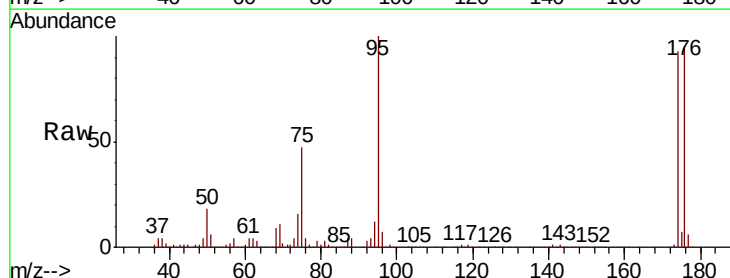
Tgt Ion: 95 Resp: 259813

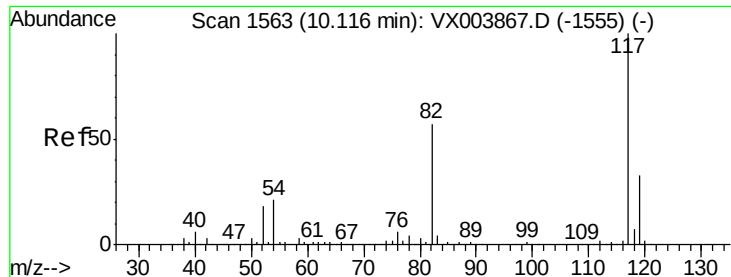
Ion Ratio Lower Upper

95 100

174 92.8 0.0 182.8

176 90.0 0.0 179.0





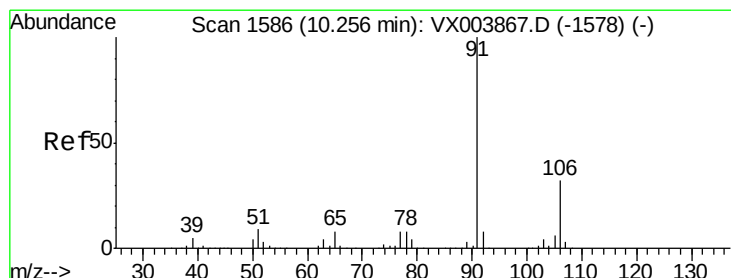
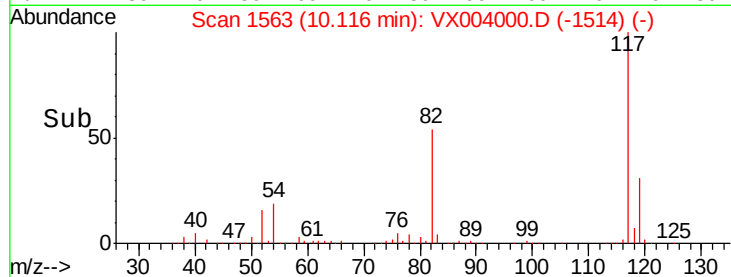
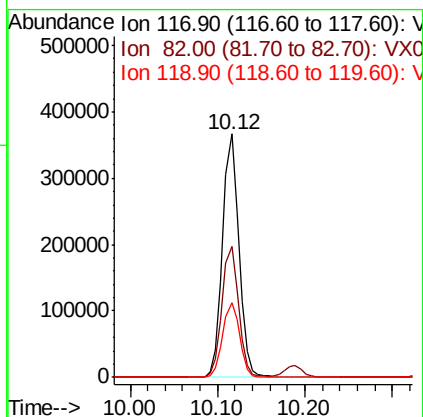
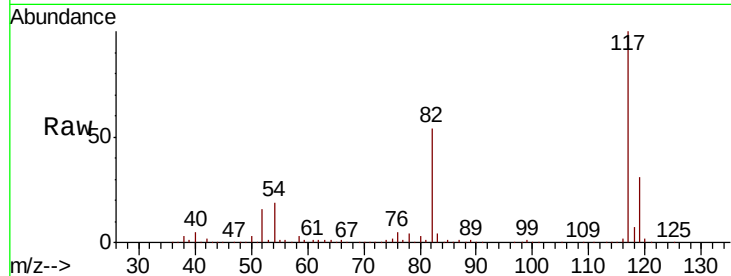
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004000.D
Acq: 13 Aug 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0540

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.4	68.0
119	30.6	26.6	40.0

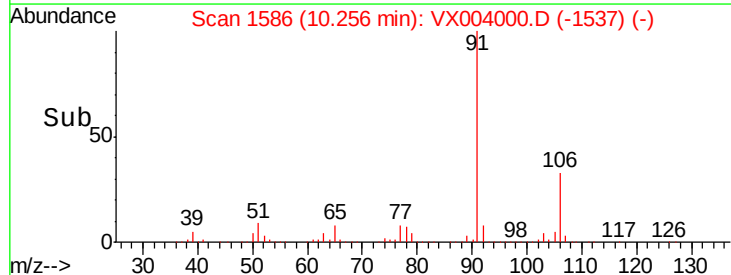
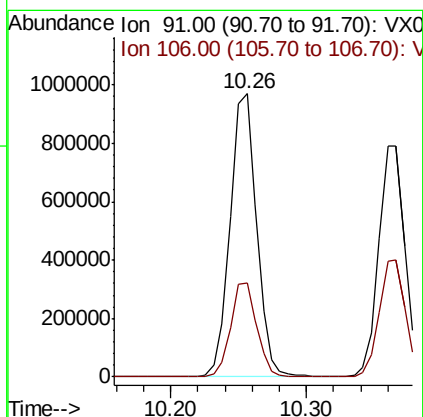
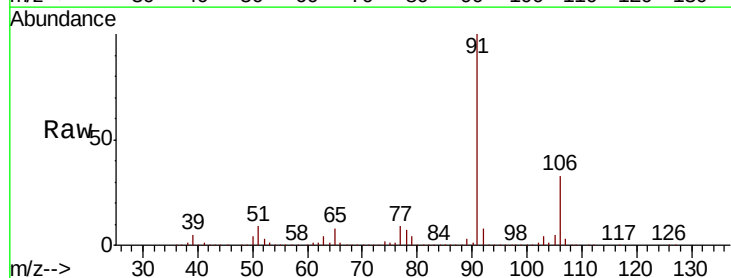
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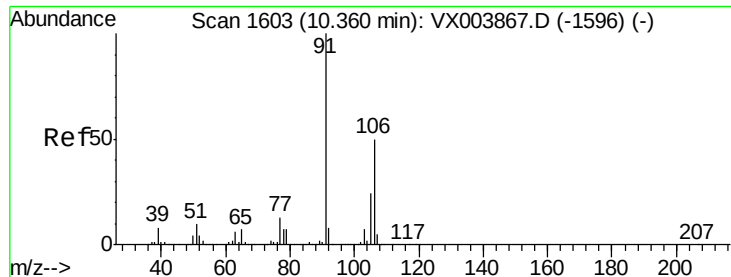
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#67
Ethyl Benzene
Concen: 65.39 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004000.D
Acq: 13 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.3	25.9	38.9





#68

m/p-Xylenes

Concen: 68.19 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

FL-0540

Tot Ion:106 Resp: 536693

Ion Ratio Lower Upper

106 100

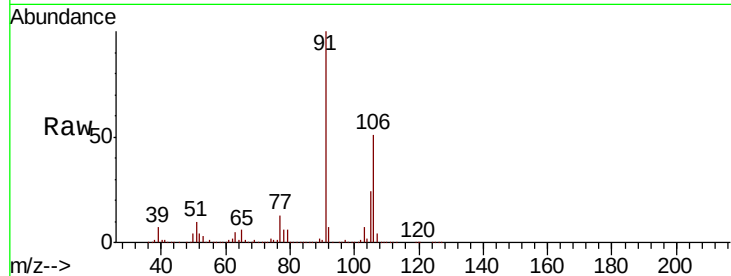
91 198.9 162.3 243.5

Manual Integrations

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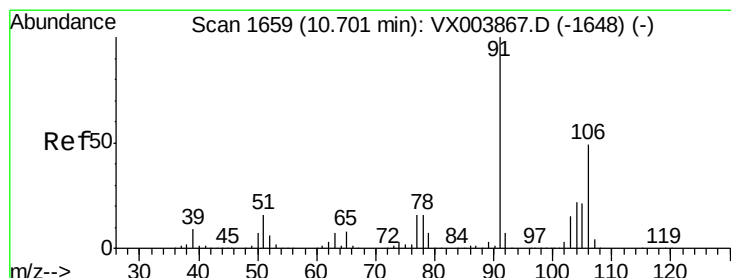
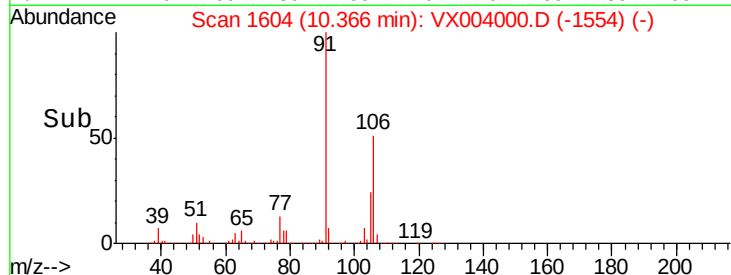
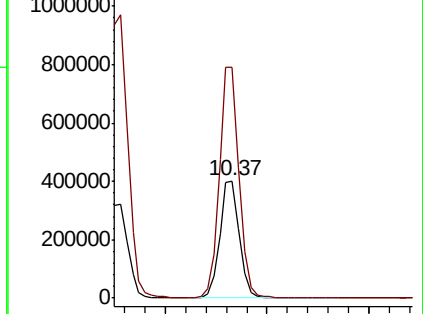
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.89 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004000.D

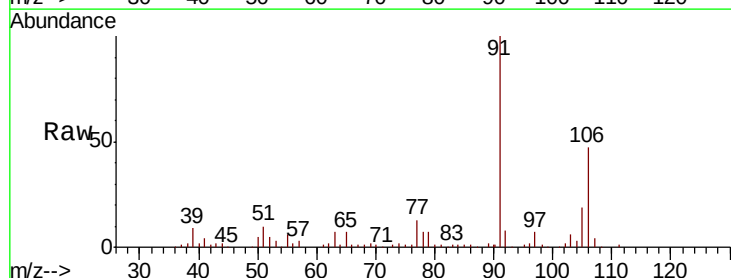
Acq: 13 Aug 2018 15:15

Tgt Ion:106 Resp: 14060

Ion Ratio Lower Upper

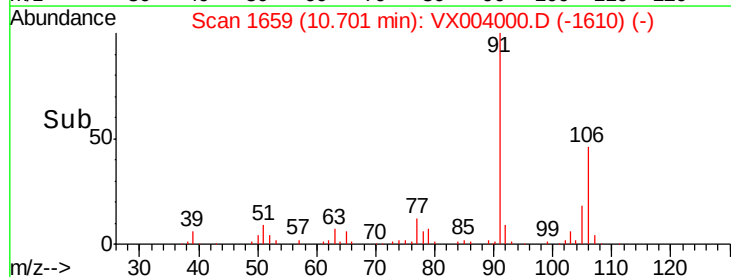
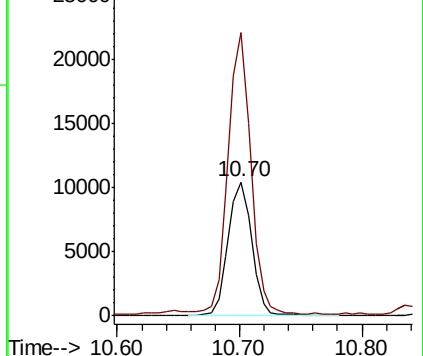
106 100

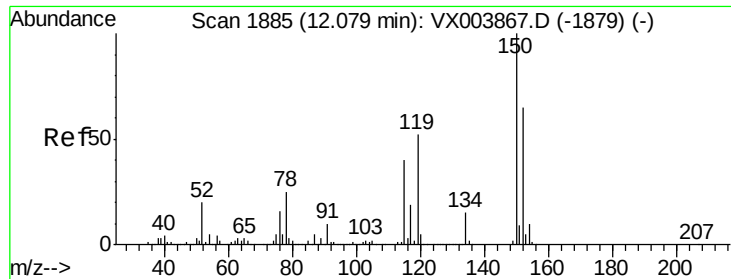
91 199.6 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

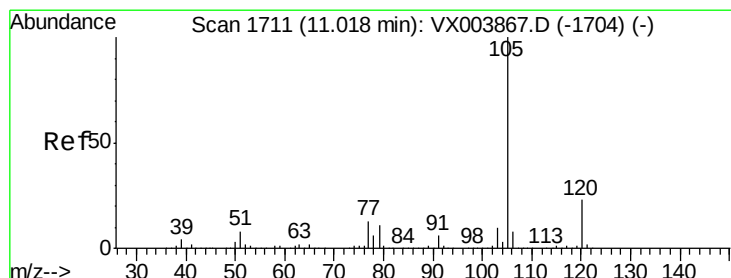
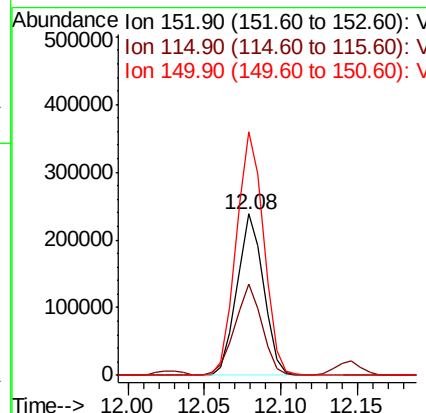
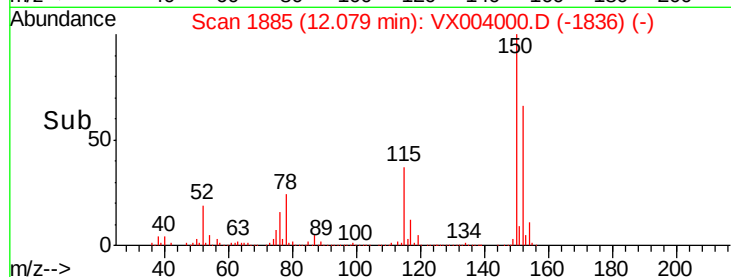
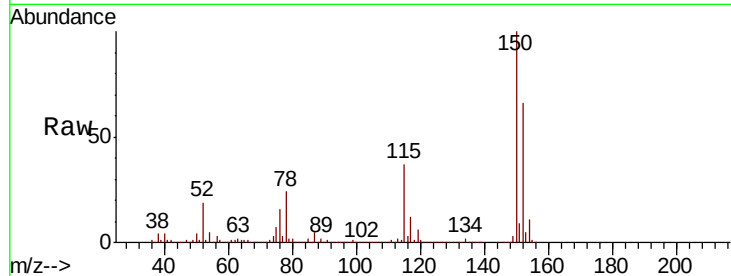
ClientSampled :

FL-0540

Tot Ion:	152	Resp:	287050
Ion Ratio	Lower	Upper	
152	100		
115	57.4	39.1	117.3
150	155.5	0.0	349.2

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#73

Isopropylbenzene

Concen: 23.90 ug/l

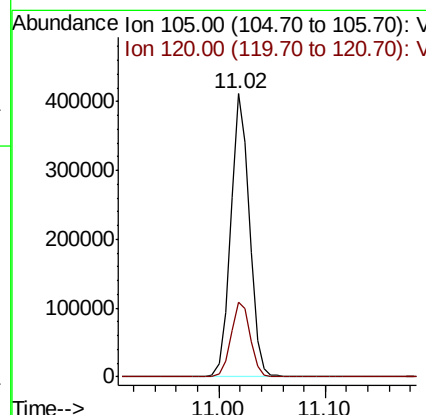
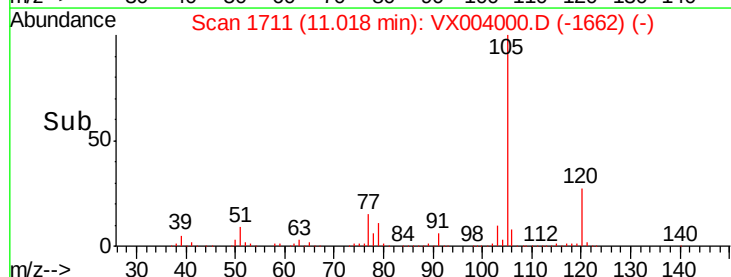
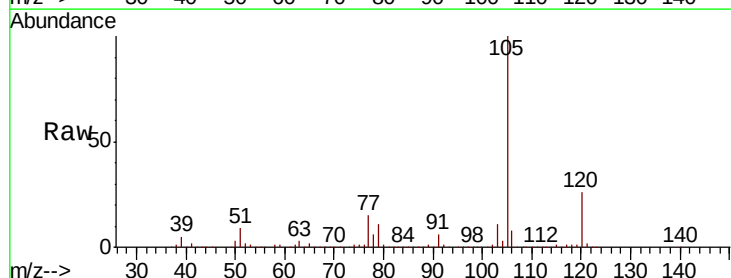
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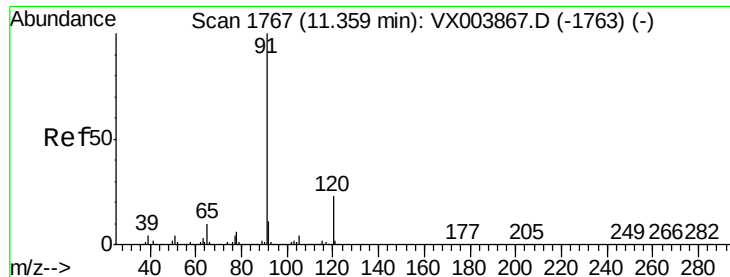
Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Tgt Ion:	105	Resp:	507537
Ion Ratio	Lower	Upper	
105	100		
120	27.0	12.6	37.8





#78

n-propylbenzene

Concen: 42.61 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

FL-0540

Tot Ion: 91 Resp: 1016014

Ion Ratio Lower Upper

91 100

120 23.9

11.9

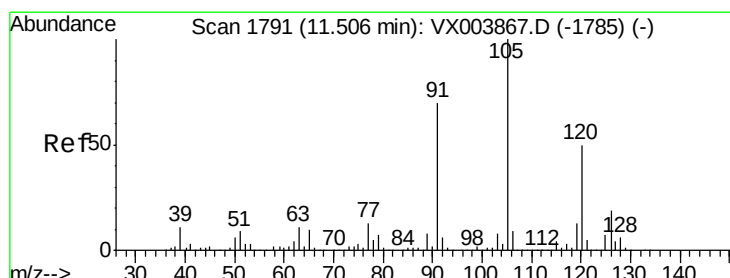
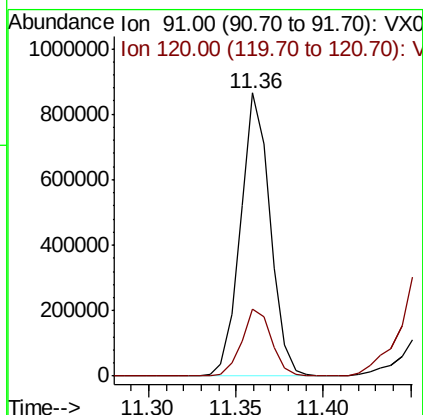
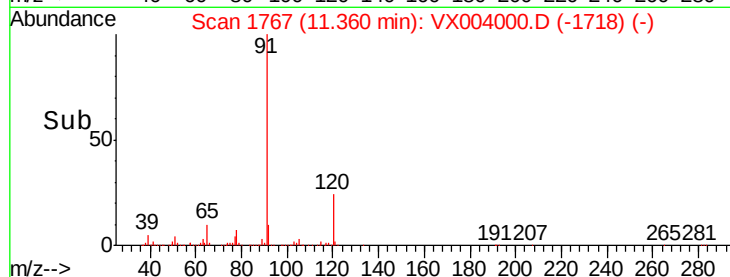
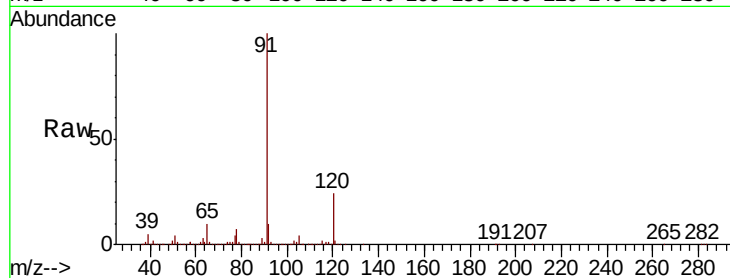
35.5

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#80

1,3,5-Trimethylbenzene

Concen: 65.63 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Tgt Ion: 105 Resp: 1136324

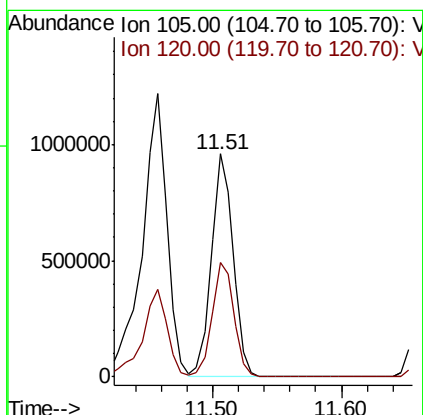
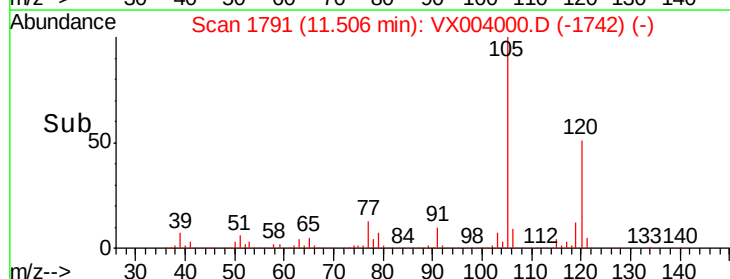
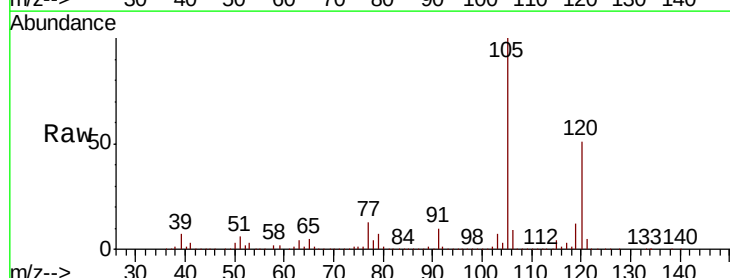
Ion Ratio Lower Upper

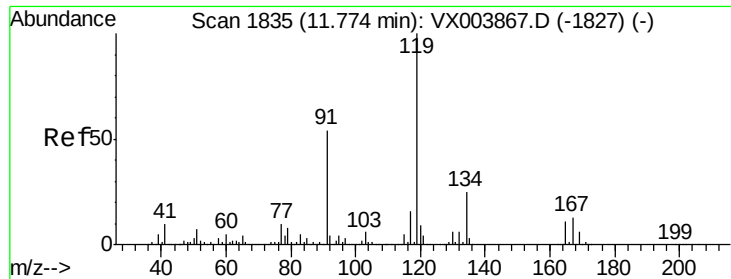
105 100

120 51.9

25.4

76.2





#83

tert-Butylbenzene

Concen: 0.63 ug/l m

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX004000.D

Acq: 13 Aug 2018 15:15

Instrument :

MSVOA_X

ClientSampled :

FL-0540

Tot Ion:119 Resp: 10682

Ion Ratio Lower Upper

119 100

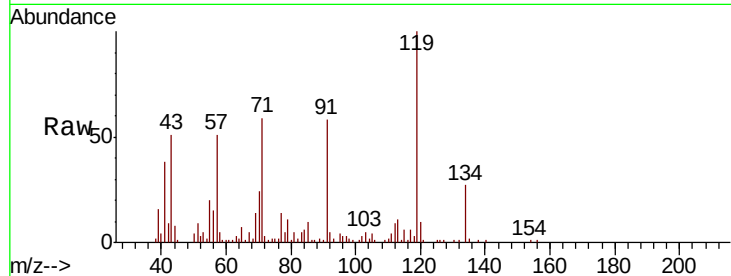
91 3602.9 26.9 80.7

134 0.0 12.0 36.0#

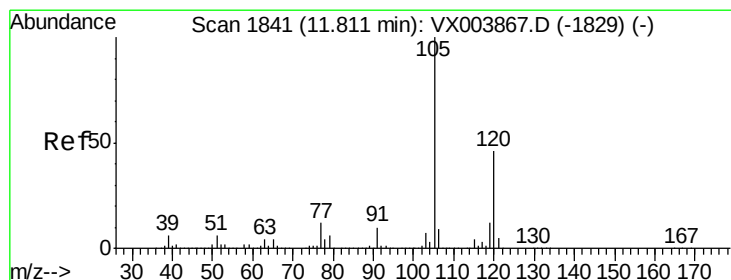
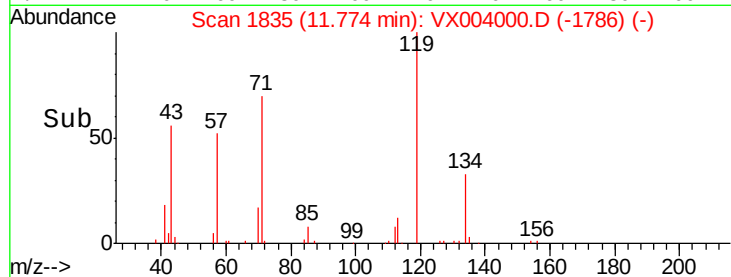
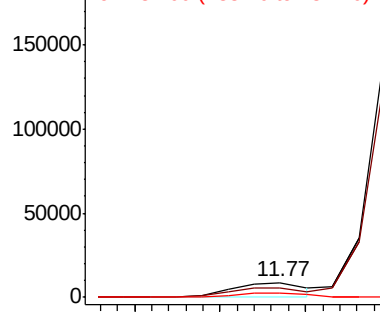
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 210.01 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX004000.D

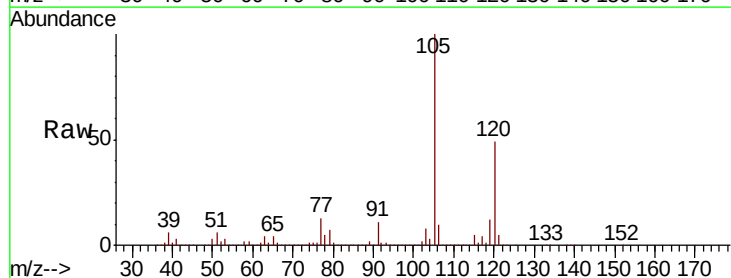
Acq: 13 Aug 2018 15:15

Tgt Ion:105 Resp: 3656360

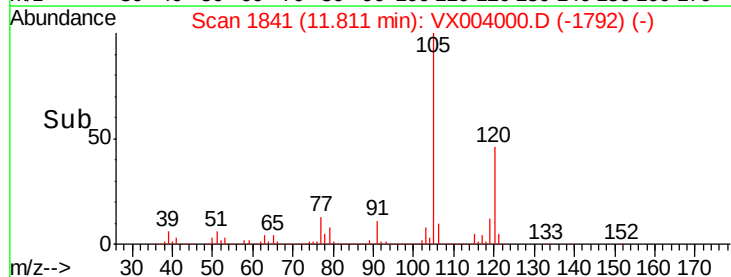
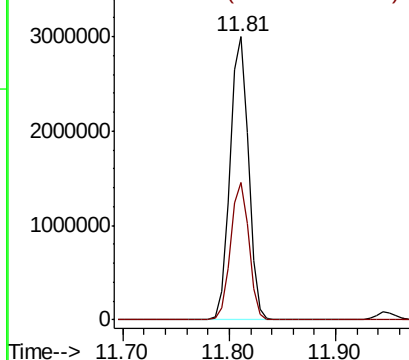
Ion Ratio Lower Upper

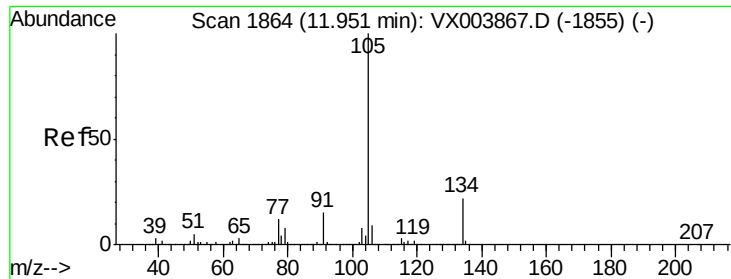
105 100

120 48.3 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





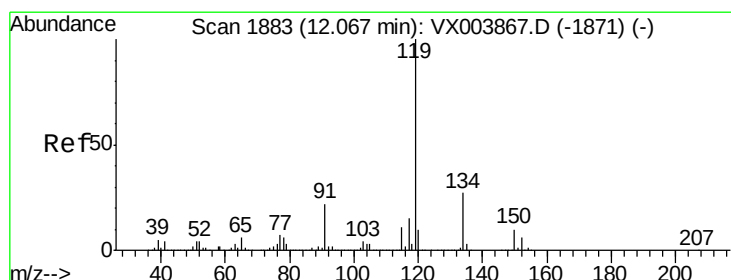
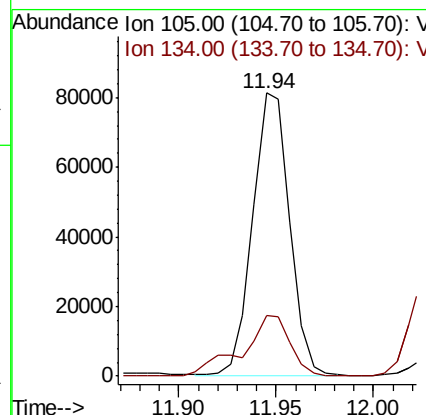
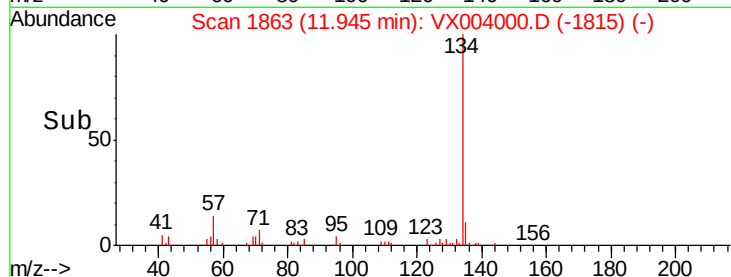
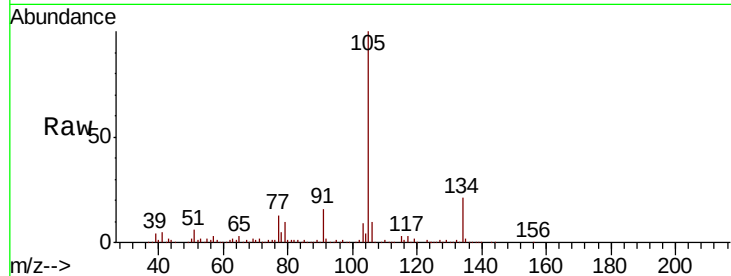
#85
 sec-Butylbenzene
 Concen: 5.37 ug/l m
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX004000.D
 Acq: 13 Aug 2018 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540

Tot Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.3	30.9#

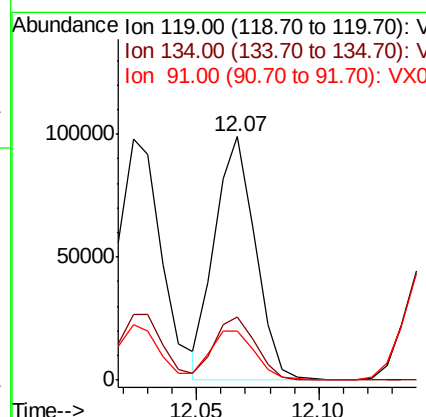
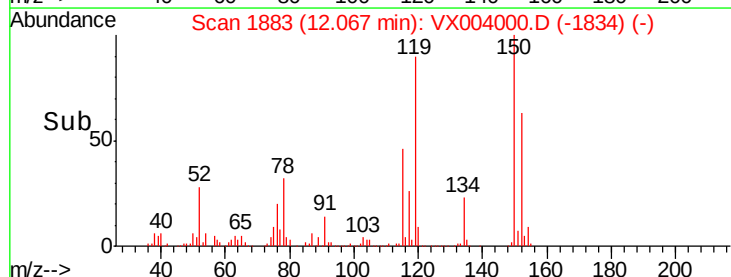
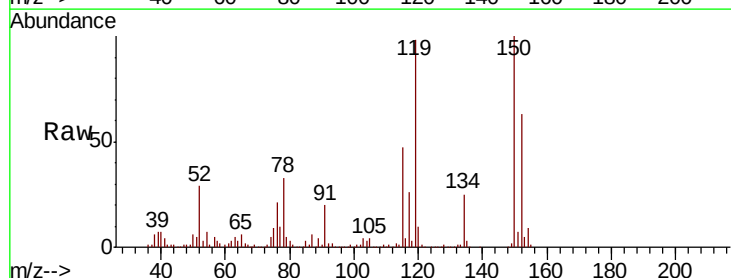
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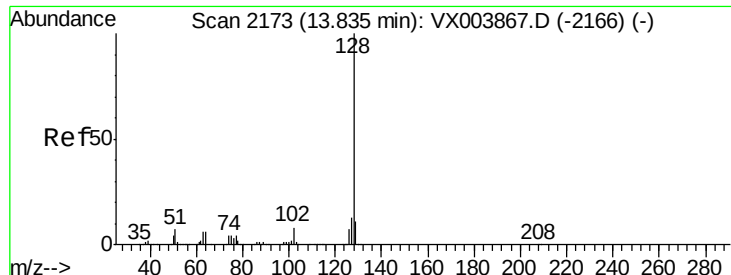
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#86
 p-Isopropyltoluene
 Concen: 6.29 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004000.D
 Acq: 13 Aug 2018 15:15

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.8
91	21.9	10.9	32.7





#95
Naphthalene
Concen: 17.88 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004000.D
Acq: 13 Aug 2018 15:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0540

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.5	8.8	13.2

Manual Integrations
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