

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003886.D
 Acq On : 07 Aug 2018 17:52
 Operator : JC/MD
 Sample : J4263-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0515DL

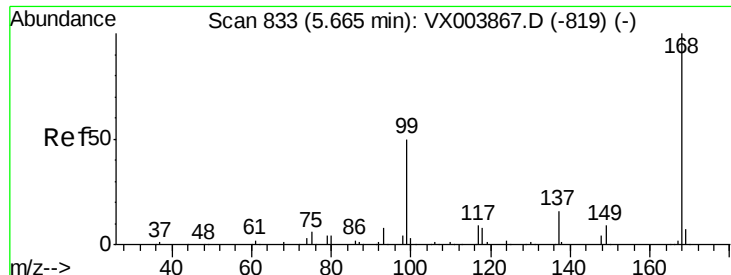
Manual Integrations
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 8/8/2018 12:01:39 PM

Quant Time: Aug 08 09:45:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	504549	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	481796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	250236	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	218091	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	5.51	113	184792	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
50) Toluene-d8	8.72	98	730080	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	265125	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.57	56	152599	23.70	ug/l	97
39) Methylcyclohexane	7.46	83	231697	34.78	ug/l	99
40) Benzene	6.15	78	46548	2.74	ug/l	100
67) Ethyl Benzene	10.26	91	84885	4.14	ug/l	99
68) m/p-Xylenes	10.36	106	15262	1.90	ug/l	92
73) Isopropylbenzene	11.02	105	179897	9.72	ug/l	97
78) n-propylbenzene	11.36	91	318785	15.34	ug/l	99
83) tert-Butylbenzene	11.77	119	4552m	0.31	ug/l	
84) 1,2,4-Trimethylbenzene	11.81	105	1159362	76.39	ug/l	98
85) sec-Butylbenzene	11.94	105	51224	2.92	ug/l	85
86) p-Isopropyltoluene	12.07	119	16693	1.06	ug/l	90
89) n-Butylbenzene	12.39	91	30953	2.26	ug/l #	66
95) Naphthalene	13.83	128	156455	8.39	ug/l	99

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



#1

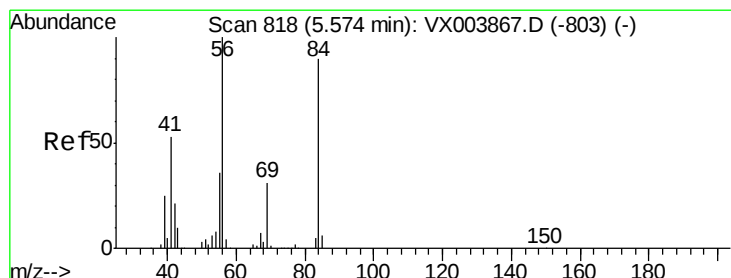
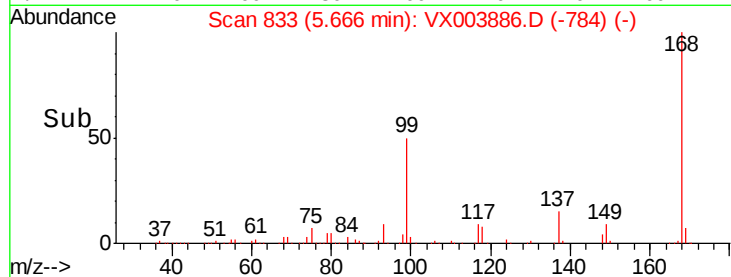
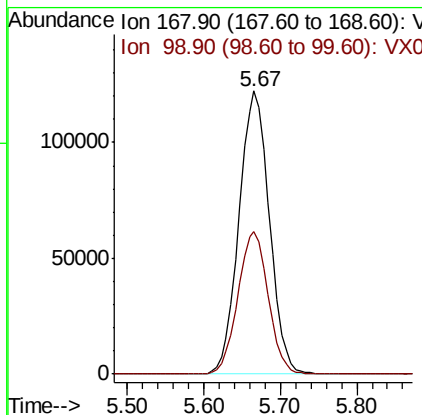
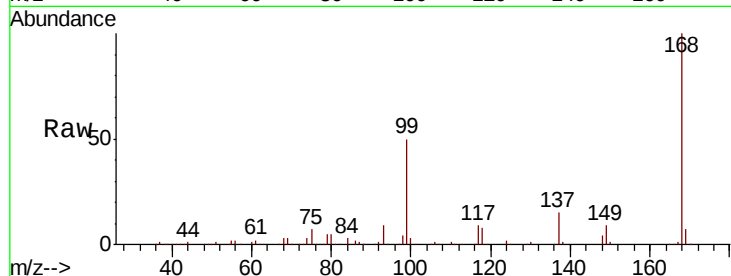
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0515DL

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	40.1	60.1

Manual Integrations
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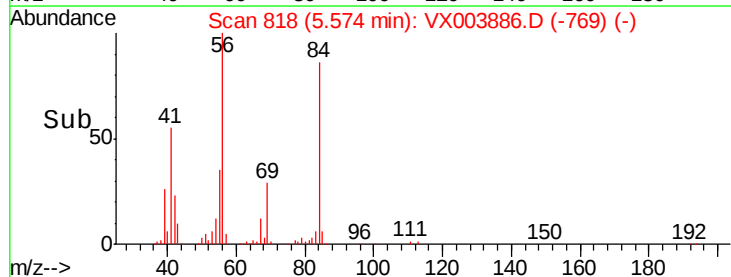
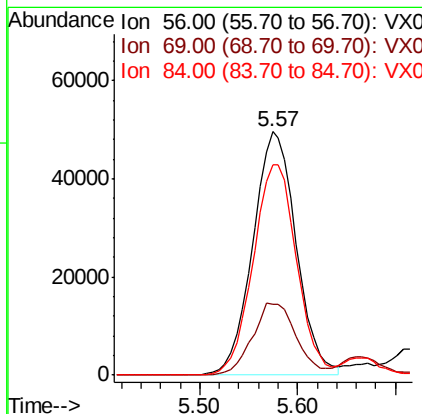
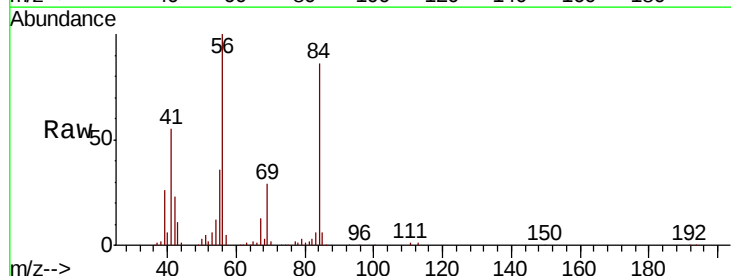
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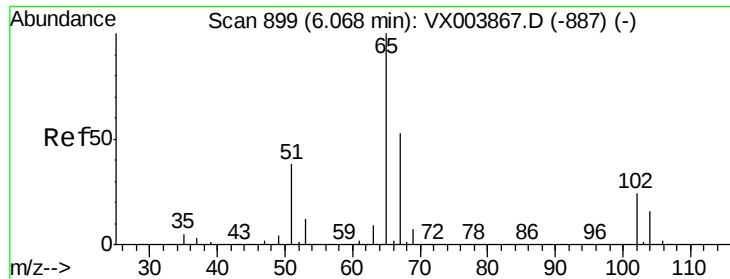


#31

Cyclohexane
 Concen: 23.70 ug/l
 RT: 5.57 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.9	37.3
84	86.5	71.7	107.5





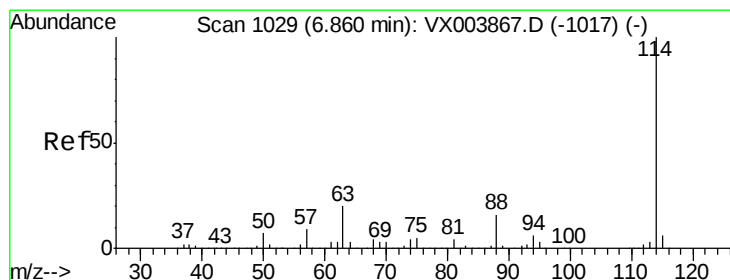
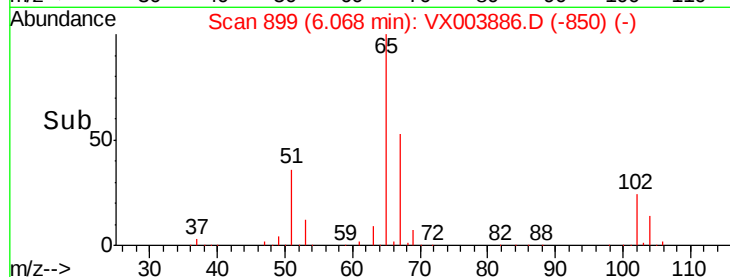
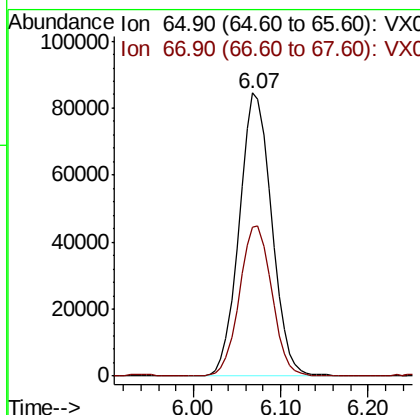
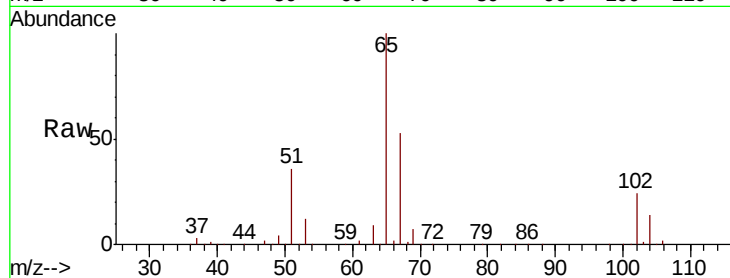
#33
 1,2-Dichloroethane-d4
 Concen: 48.81 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0515DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	218091		
67	53.0	0.0	105.8	

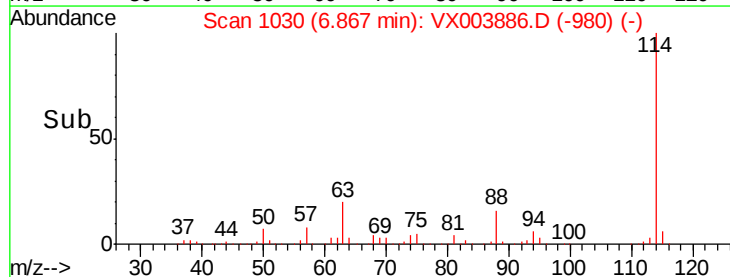
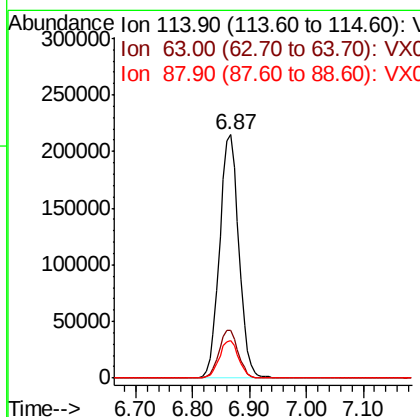
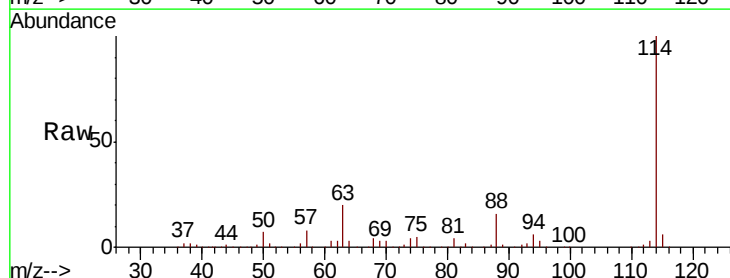
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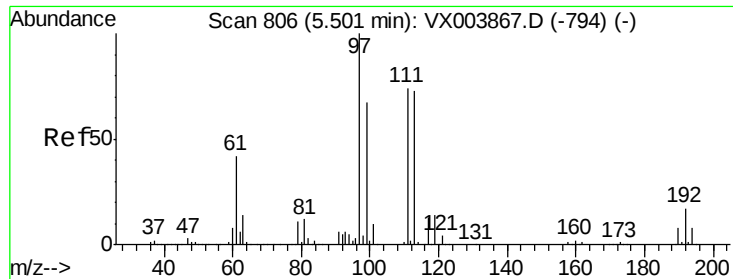
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	504549		
63	19.5	0.0	39.0	
88	15.6	0.0	32.0	





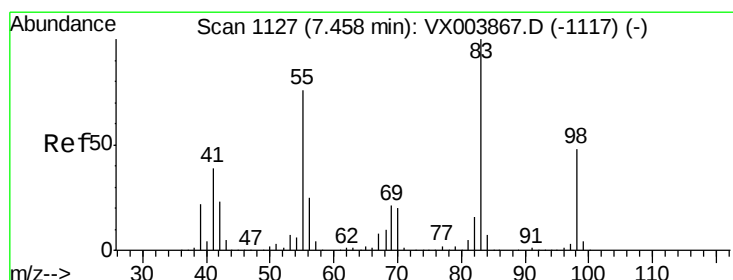
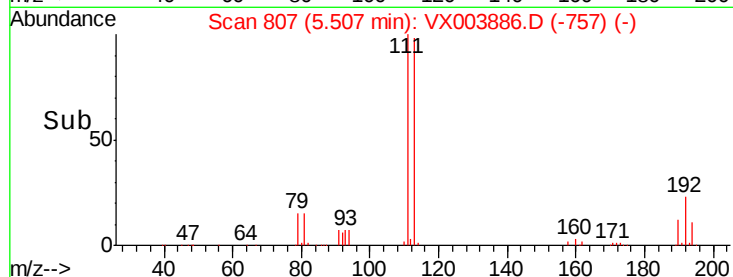
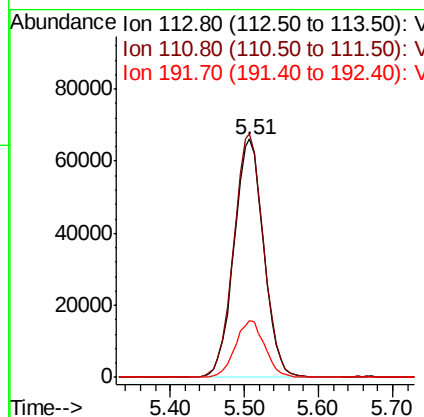
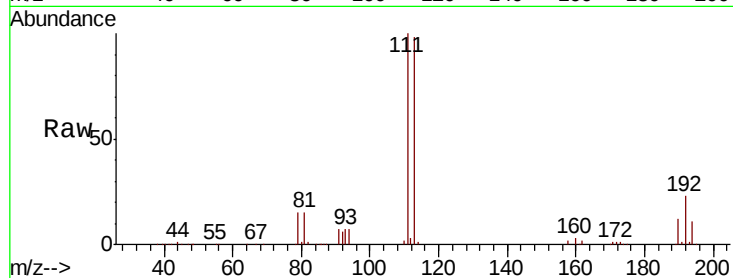
#35
Dibromofluoromethane
Concen: 48.34 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	184792		
111	102.5	82.0	123.0	
192	23.7	19.0	28.4	

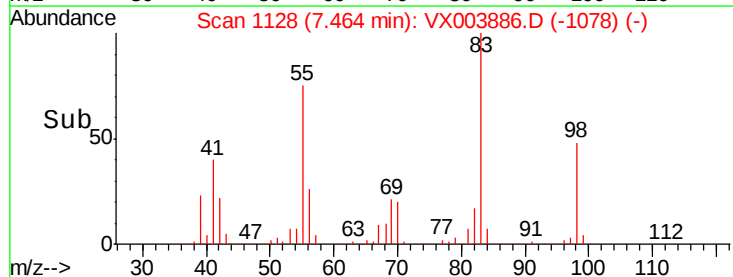
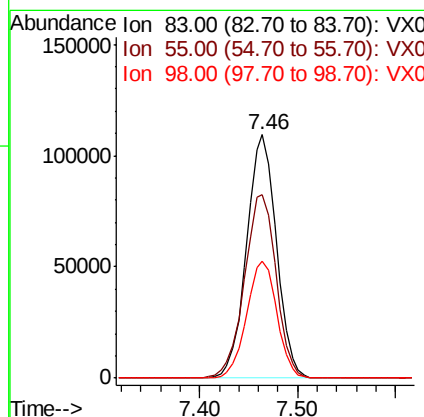
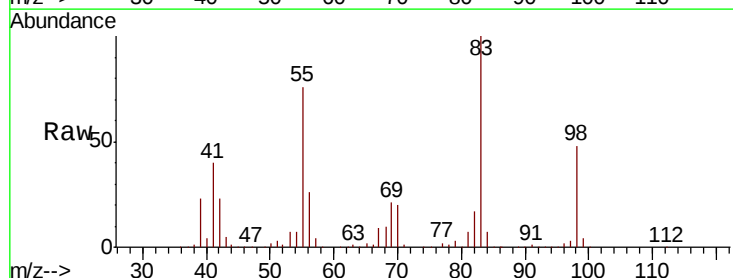
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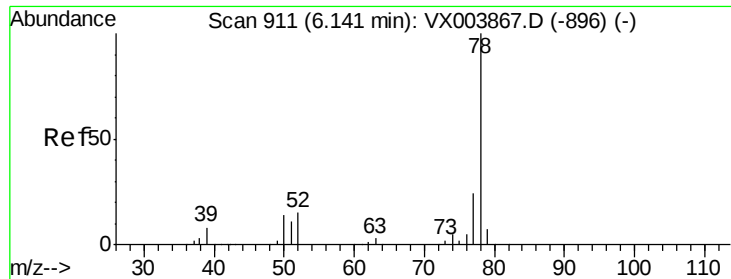
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#39
Methylcyclohexane
Concen: 34.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	231697		
55	75.5	61.0	91.6	
98	48.2	38.6	57.8	





#40

Benzene

Concen: 2.74 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampleId :

FL-0515DL

Tot Ion: 78 Resp: 46548

Ion Ratio Lower Upper

78 100

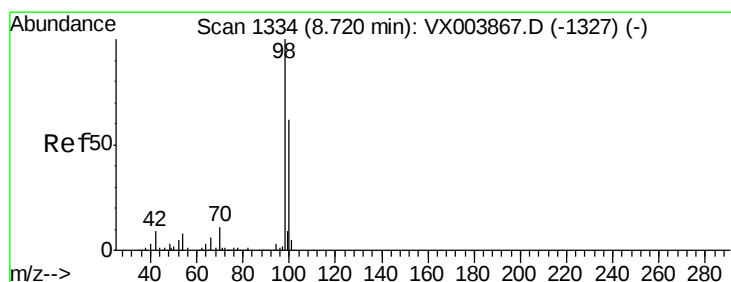
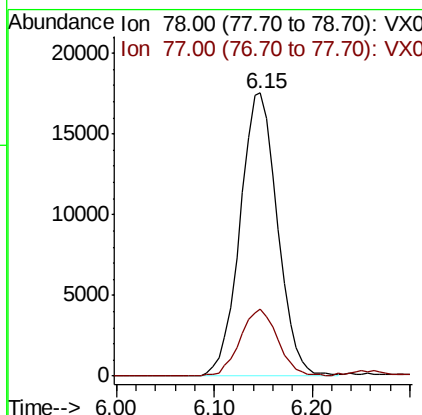
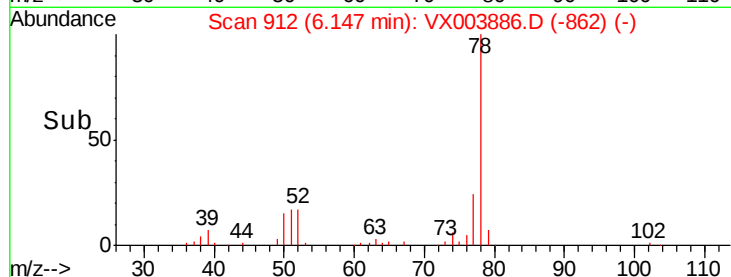
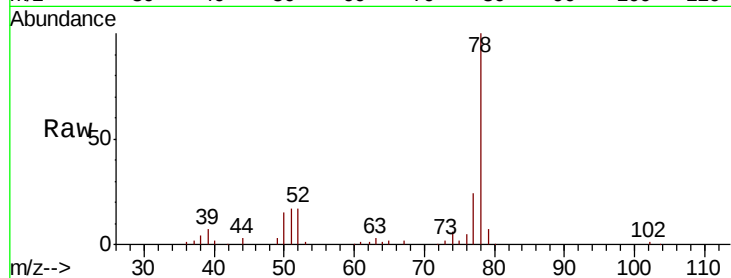
77 23.8 19.0 28.4

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#50

Toluene-d8

Concen: 49.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003886.D

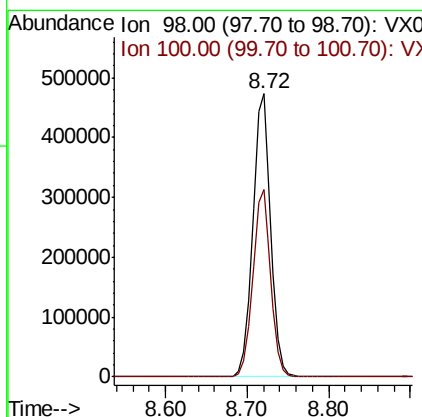
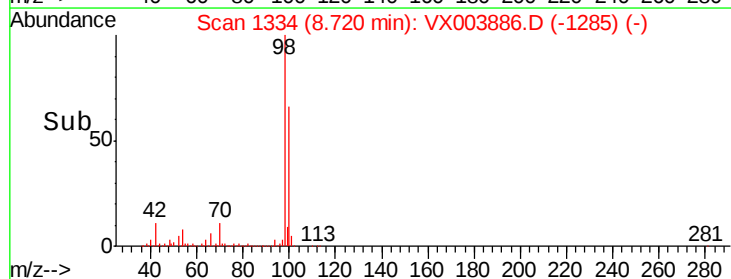
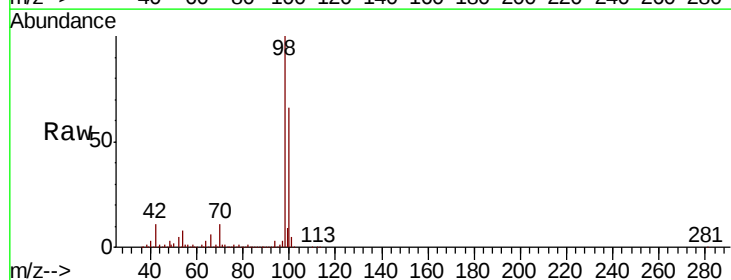
Acq: 07 Aug 2018 17:52

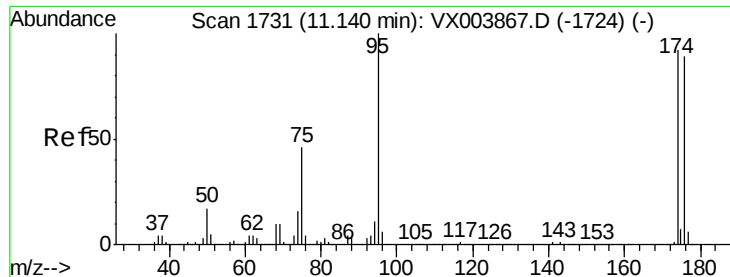
Tgt Ion: 98 Resp: 730080

Ion Ratio Lower Upper

98 100

100 65.6 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 55.12 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

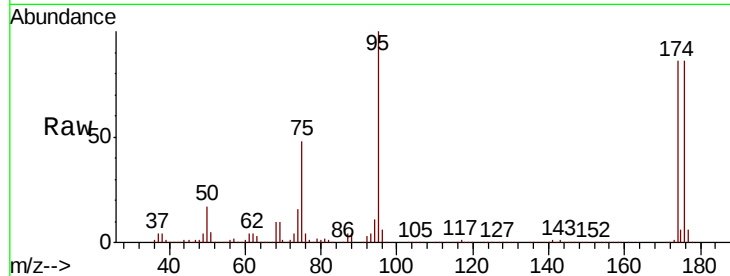
ClientSampled :

FL-0515DL

Tot Ion:	95	Resp:	265125
Ion Ratio	Lower	Upper	
95	100		
174	89.1	0.0	182.8
176	86.5	0.0	179.0

Manual Integrations
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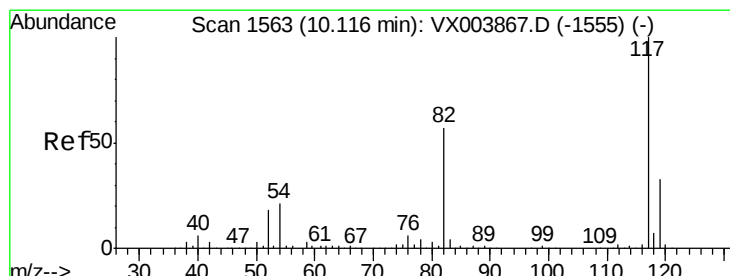
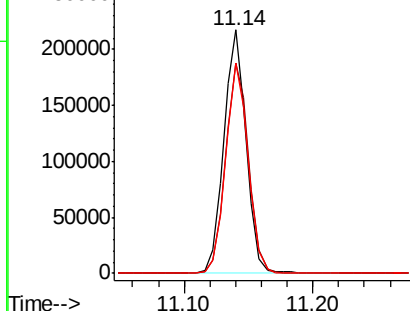
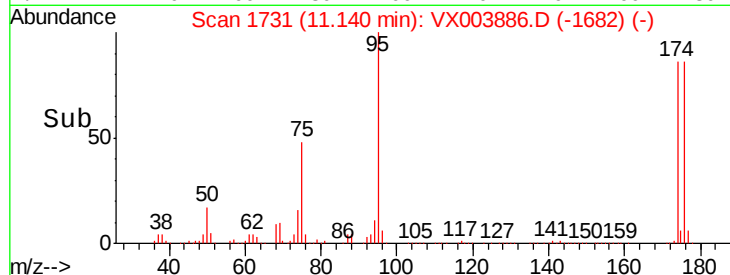
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Abundance Ion 94.90 (94.60 to 95.60): VX003886.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003886.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003886.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

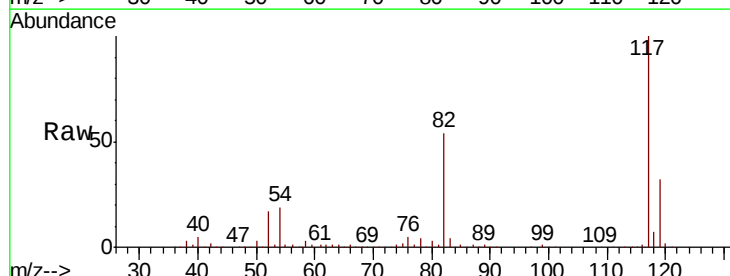
RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

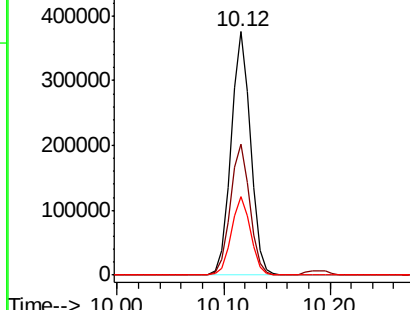
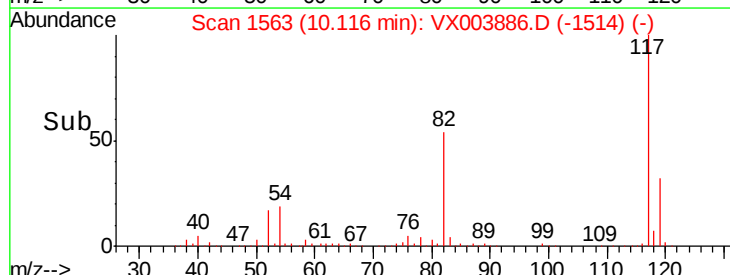
Tgt Ion:	117	Resp:	481796
Ion Ratio	Lower	Upper	
117	100		
82	53.6	45.4	68.0
119	32.2	26.6	40.0

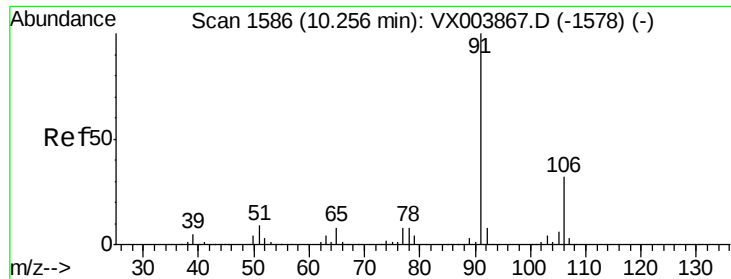


Abundance Ion 116.90 (116.60 to 117.60): VX003886.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003886.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003886.D (-1514) (-)





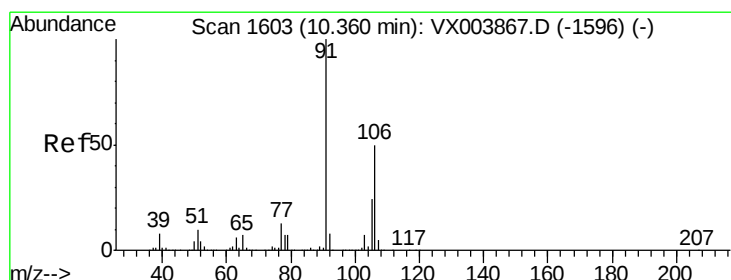
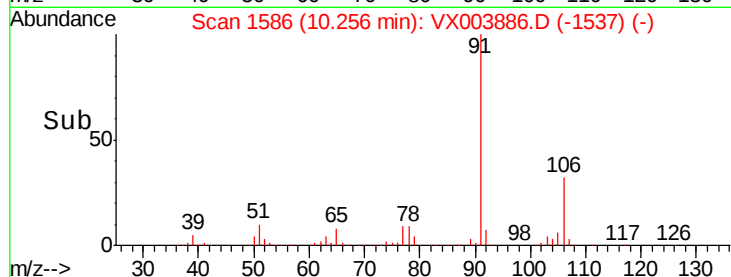
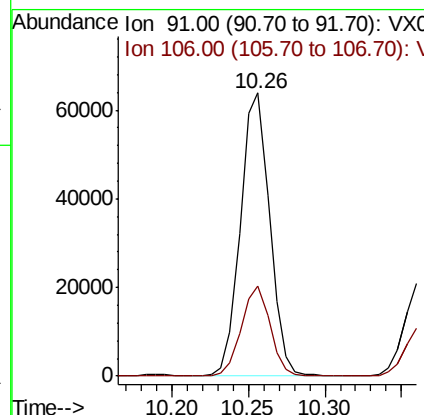
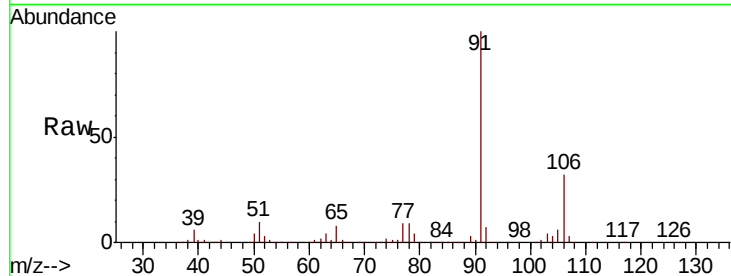
#67
Ethyl Benzene
Concen: 4.14 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampled :
FL-0515DL

Tot Ion: 91 Resp: 84885
Ion Ratio Lower Upper
91 100
106 31.8 25.9 38.9

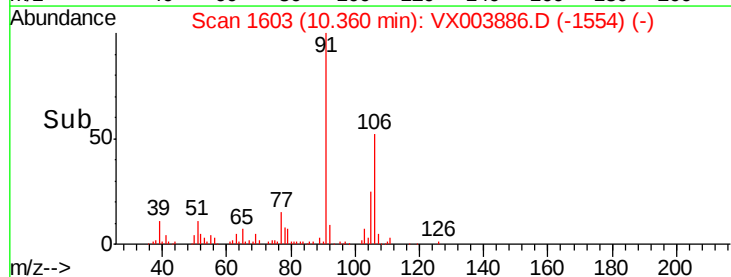
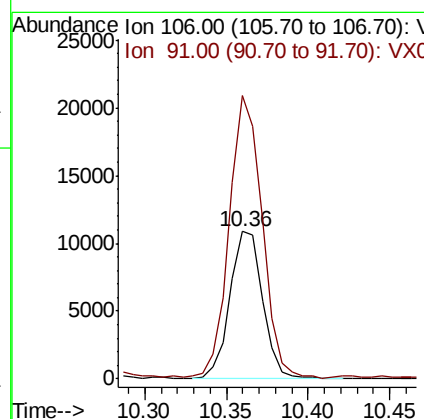
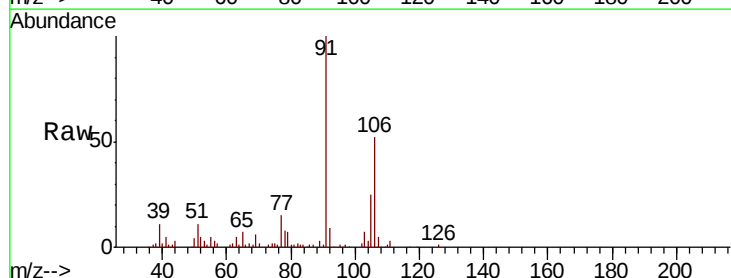
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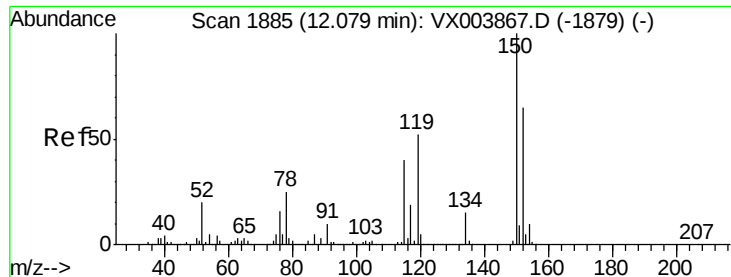
MMDadoda
8/8/2018 12:01:39 PM



#68
m/p-Xylenes
Concen: 1.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion: 106 Resp: 15262
Ion Ratio Lower Upper
106 100
91 191.4 162.3 243.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

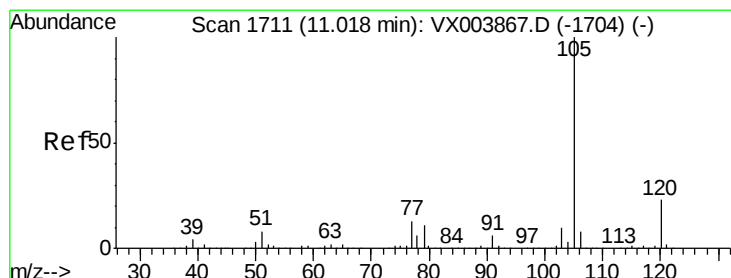
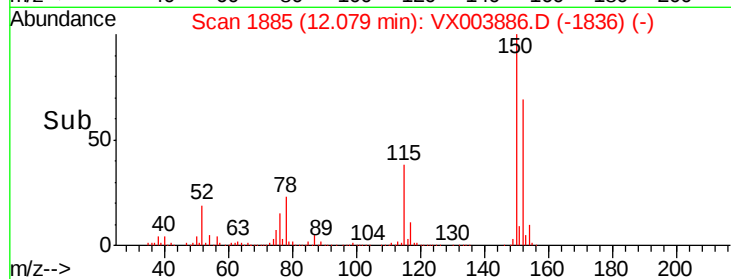
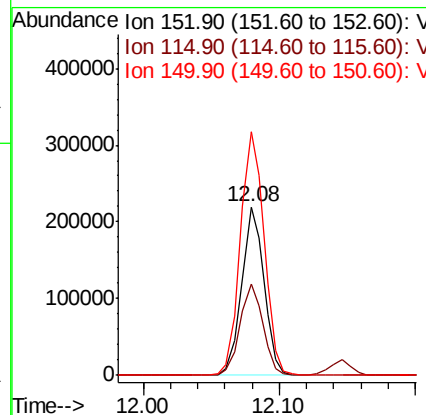
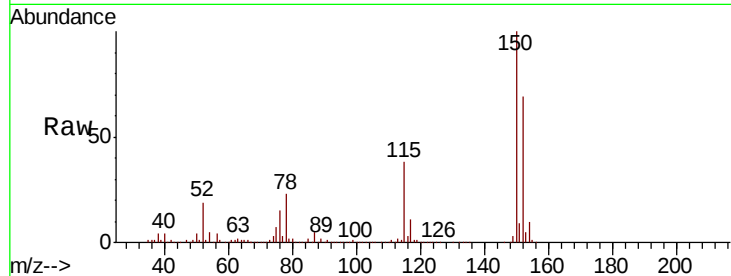
ClientSampleId :

FL-0515DL

Tot Ion:	152	Resp:	250236
Ion Ratio	Lower	Upper	
152	100		
115	56.0	39.1	117.3
150	154.1	0.0	349.2

Manual Integrations
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8/8/2018 12:01:39 PM



#73

Isopropylbenzene

Concen: 9.72 ug/l

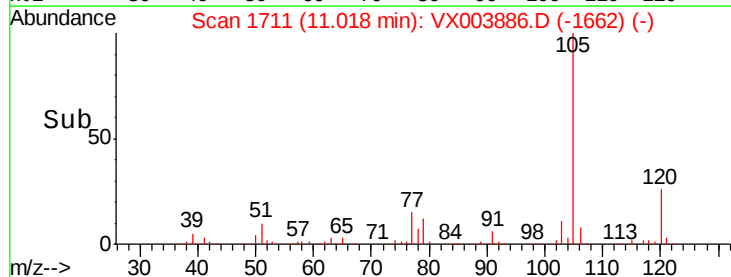
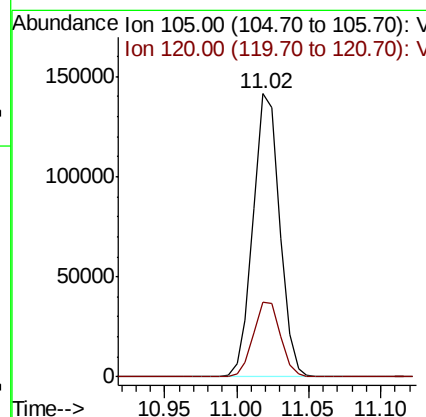
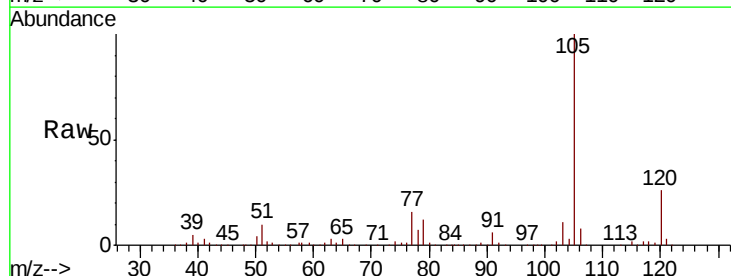
RT: 11.02 min Scan# 1711

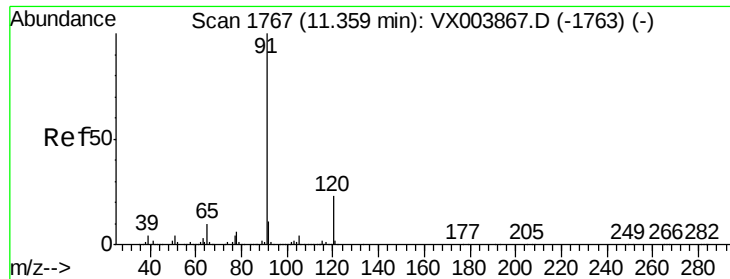
Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Tgt Ion:	105	Resp:	179897
Ion Ratio	Lower	Upper	
105	100		
120	26.8	12.6	37.8





#78

n-propylbenzene

Concen: 15.34 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

Instrument :

MSVOA_X

ClientSampled :

FL-0515DL

Tot Ion: 91 Resp: 318785

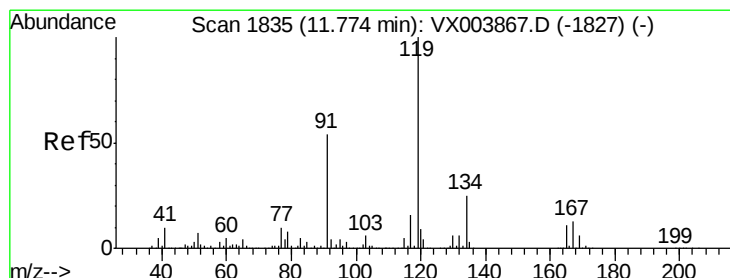
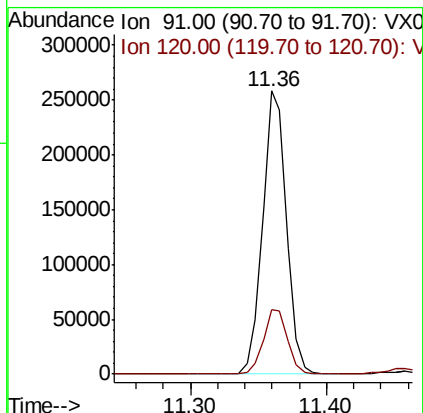
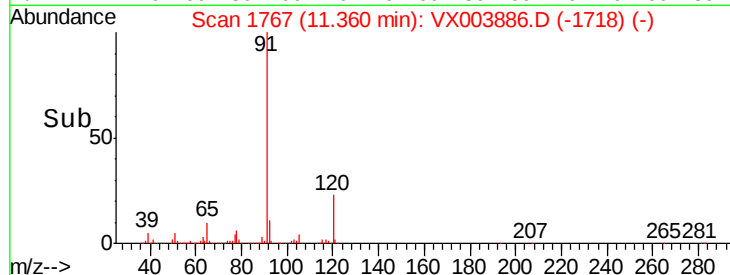
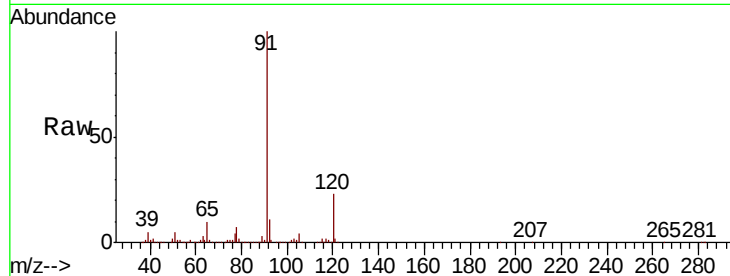
Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

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#83

tert-Butylbenzene

Concen: 0.31 ug/l m

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003886.D

Acq: 07 Aug 2018 17:52

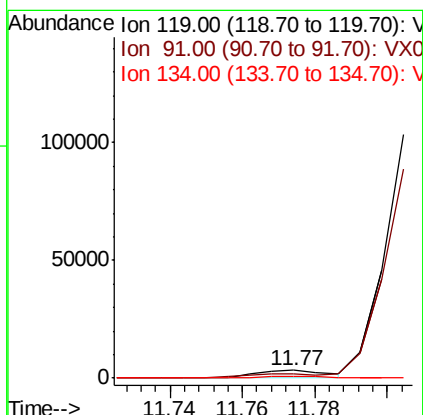
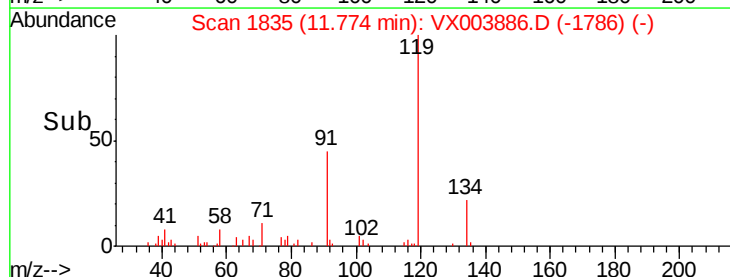
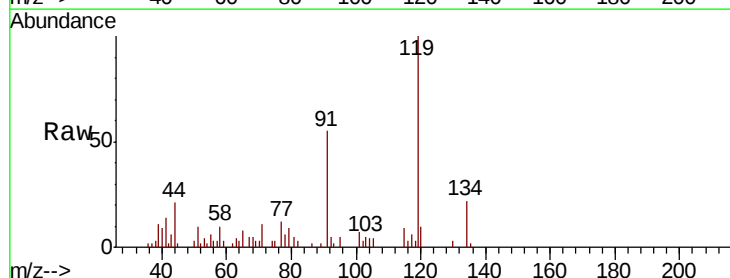
Tgt Ion: 119 Resp: 4552

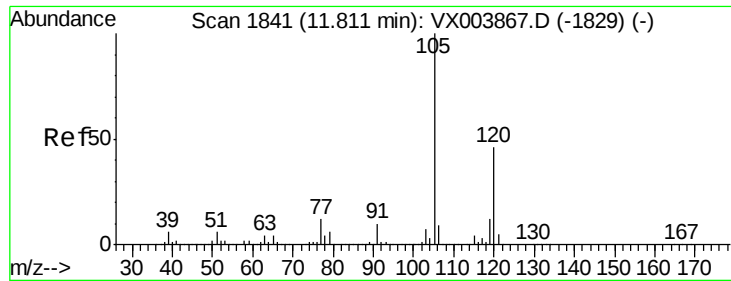
Ion Ratio Lower Upper

119 100

91 2626.5 26.9 80.7#

134 12.8 12.0 36.0





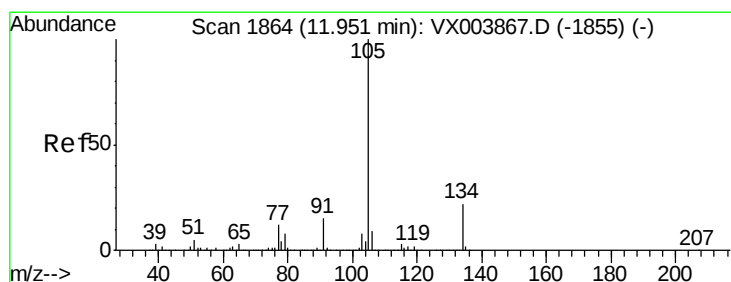
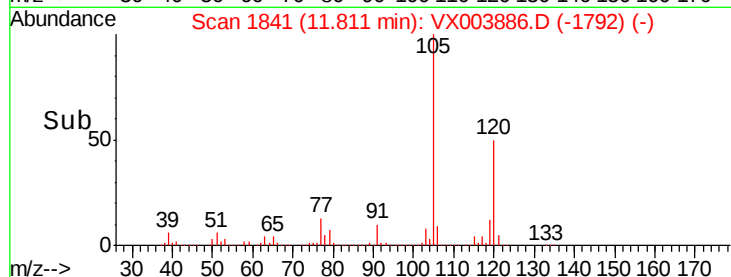
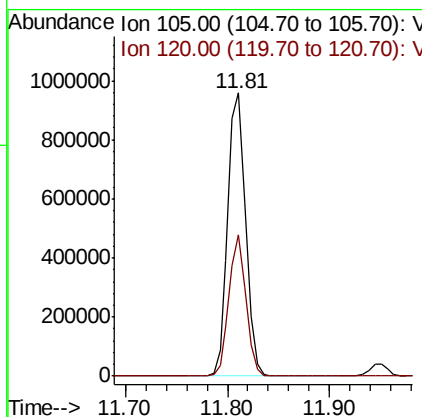
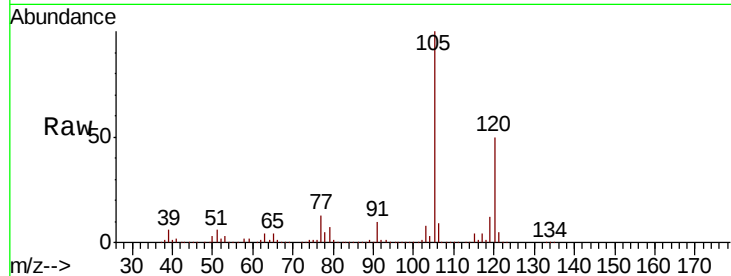
#84
 1,2,4-Trimethylbenzene
 Concen: 76.39 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0515DL

Tot Ion:105 Resp: 1159362
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.1 69.2

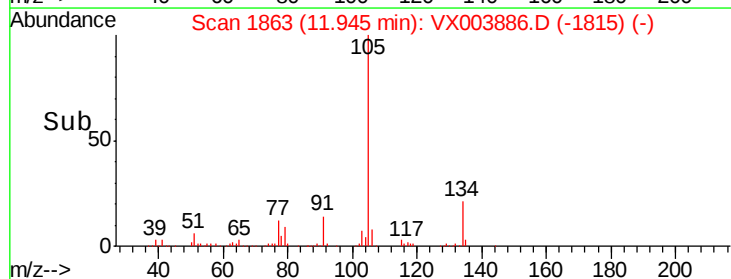
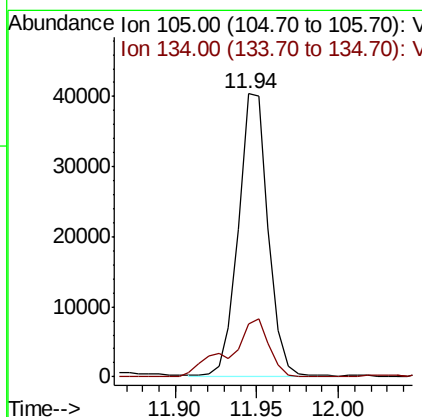
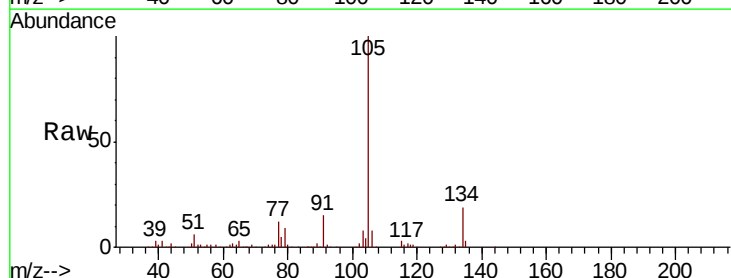
Manual Integrations
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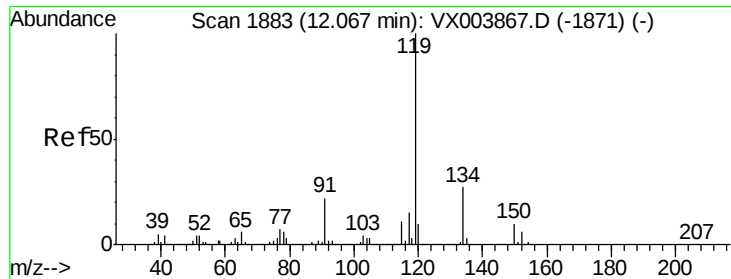
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#85
 sec-Butylbenzene
 Concen: 2.92 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003886.D
 Acq: 07 Aug 2018 17:52

Tgt Ion:105 Resp: 51224
 Ion Ratio Lower Upper
 105 100
 134 27.4 10.3 30.9





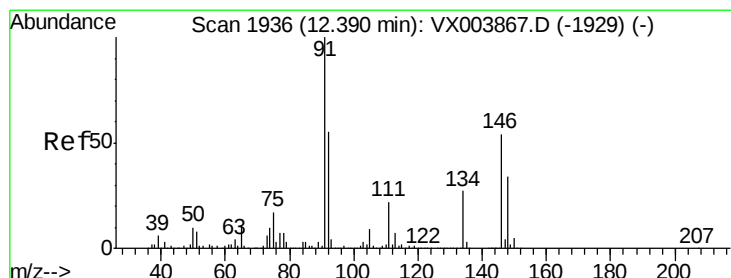
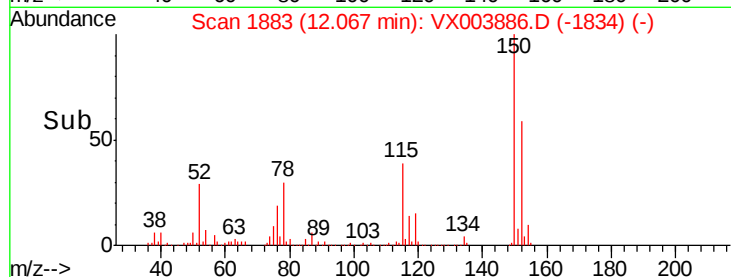
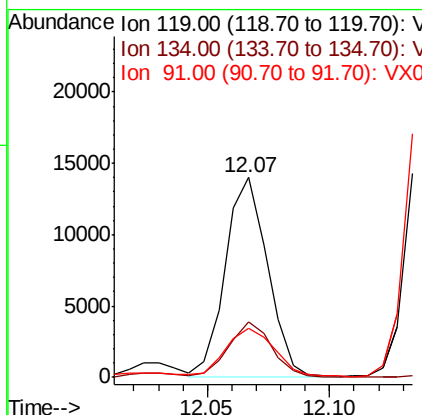
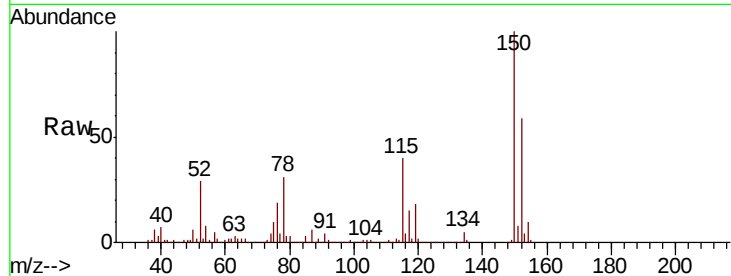
#86
p-Isopropyltoluene
Concen: 1.06 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampled :
FL-0515DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.4	13.3	39.8
91	29.7	10.9	32.7

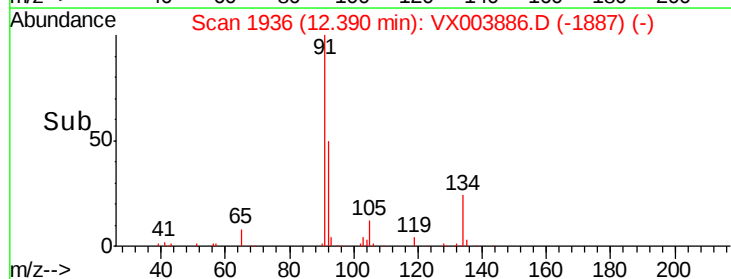
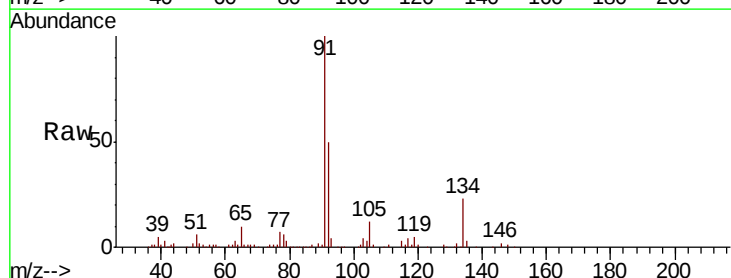
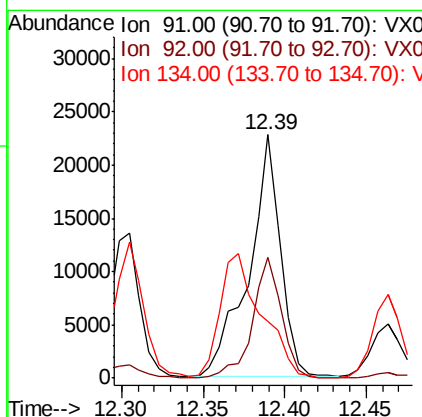
Manual Integrations
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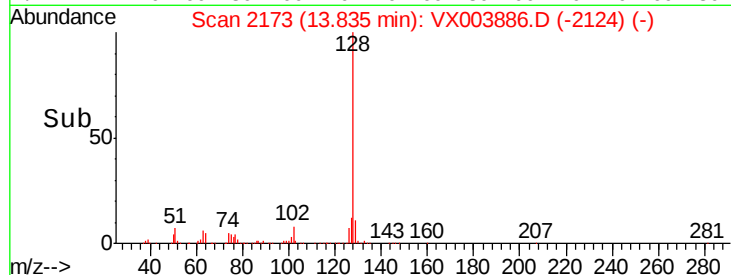
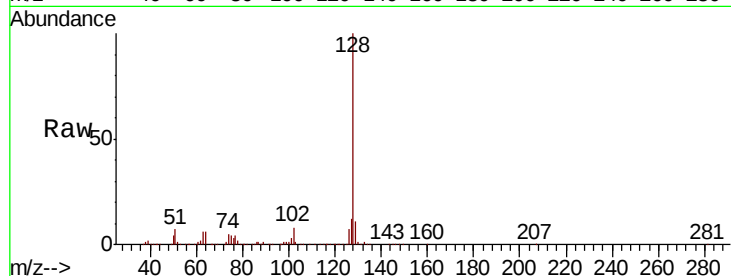
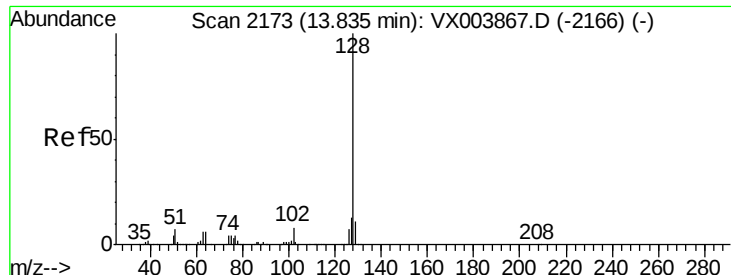
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#89
n-Butylbenzene
Concen: 2.26 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	45.3	27.1	81.3
134	67.0	13.6	40.7#





#95
Naphthalene
Concen: 8.39 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003886.D
Acq: 07 Aug 2018 17:52

Instrument :
MSVOA_X
ClientSampleId :
FL-0515DL

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.4	8.8	13.2

Manual Integrations
APPROVED

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8/8/2018 12:01:39 PM

