

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003889.D
 Acq On : 07 Aug 2018 19:12
 Operator : JC/MD
 Sample : J4263-10DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0524DL

Manual Integrations
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 8/8/2018 12:01:57 PM

Quant Time: Aug 08 09:38:39 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	313025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	480518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	454349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	237900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208462	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
35) Dibromofluoromethane	5.51	113	174703	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.72	98	686356	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	11.14	95	252557	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
Target Compounds						
						Qvalue
31) Cyclohexane	5.58	56	64075	10.71	ug/l	93
39) Methylcyclohexane	7.46	83	128948	20.32	ug/l	99
67) Ethyl Benzene	10.26	91	651717	33.68	ug/l	98
68) m/p-Xylenes	10.36	106	654217	86.52	ug/l	97
69) o-Xylene	10.70	106	63154	8.85	ug/l	97
73) Isopropylbenzene	11.02	105	77037	4.38	ug/l	97
78) n-propylbenzene	11.36	91	169099	8.56	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	253345	17.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	798918	55.37	ug/l	100
85) sec-Butylbenzene	11.94	105	44411	2.67	ug/l	84
86) p-Isopropyltoluene	12.07	119	39482	2.64	ug/l	95
95) Naphthalene	13.83	128	172261	9.72	ug/l	99

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

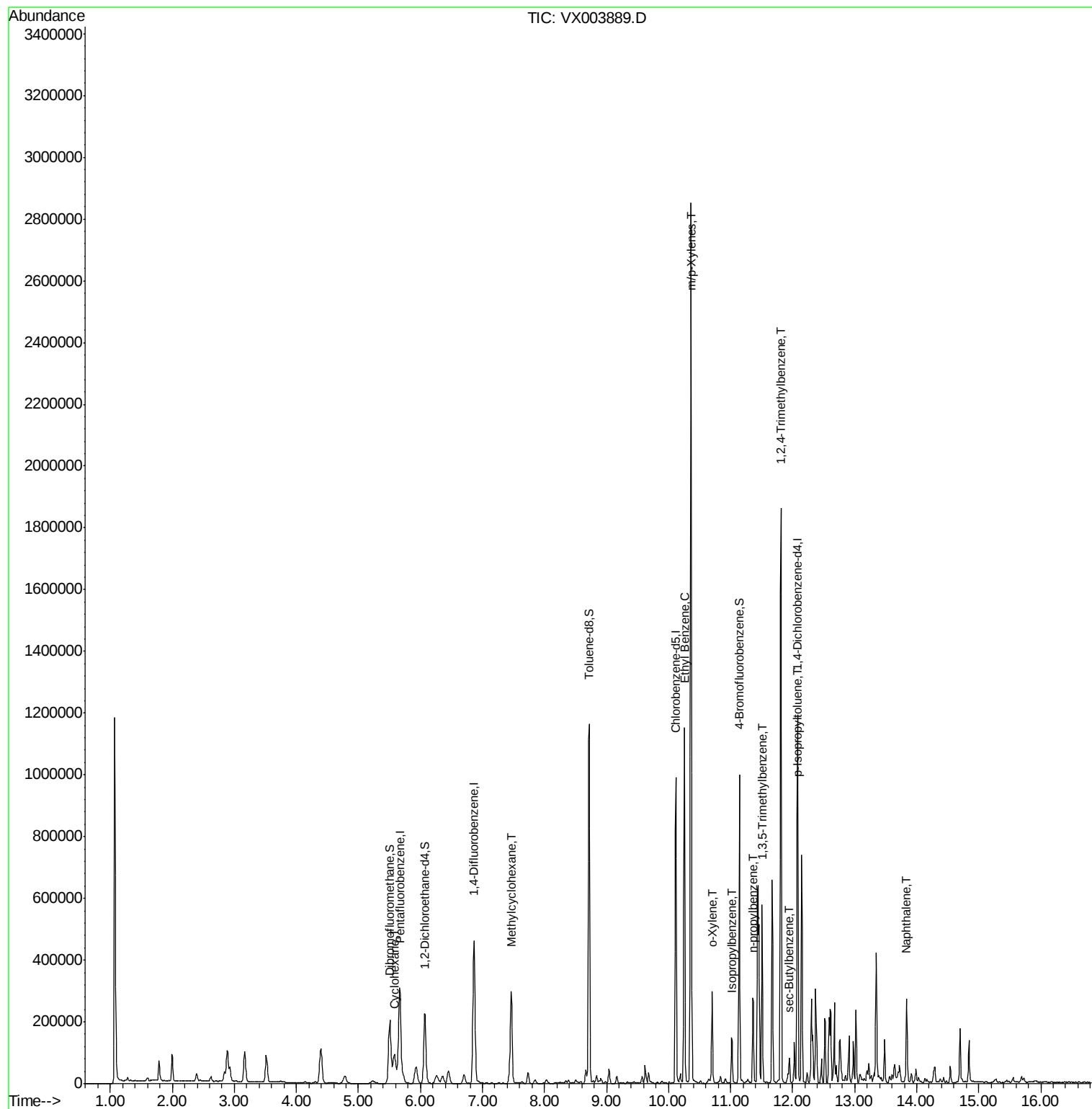
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003889.D
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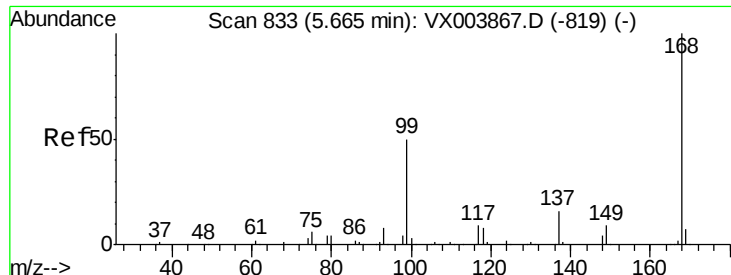
Instrument :
MSVOA_X
ClientSampleId :
FL-0524DL

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Quant Time: Aug 08 09:38:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Instrument :

MSVOA_X

ClientSampled :

FL-0524DL

Tot Ion:168 Resp: 313025

Ion Ratio Lower Upper

168 100

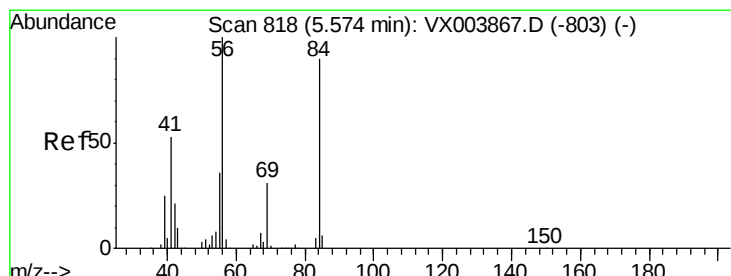
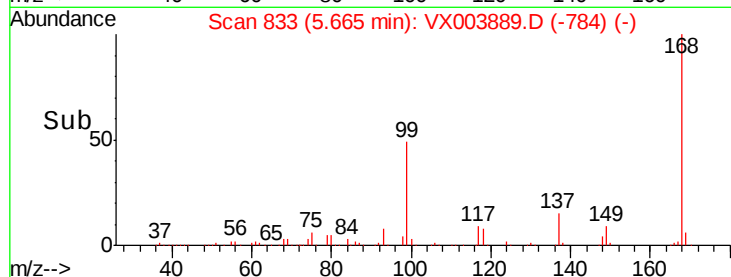
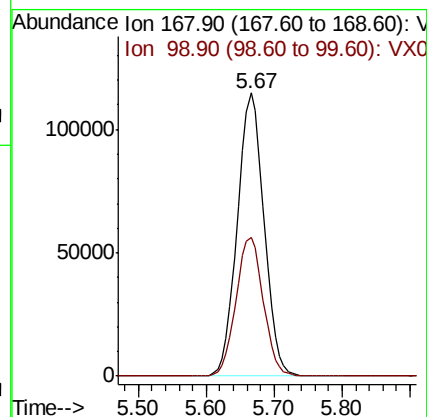
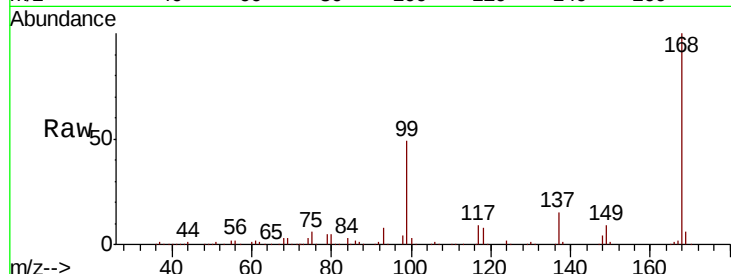
99 48.8 40.1 60.1

Manual Integrations

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#31

Cyclohexane

Concen: 10.71 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

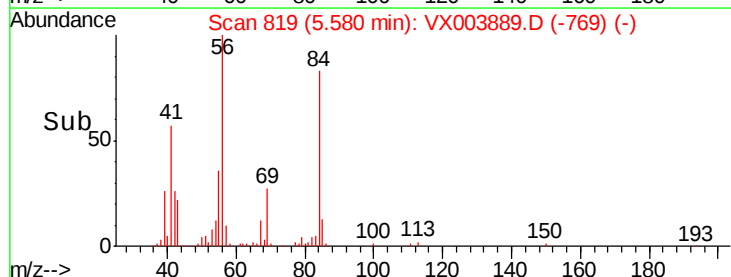
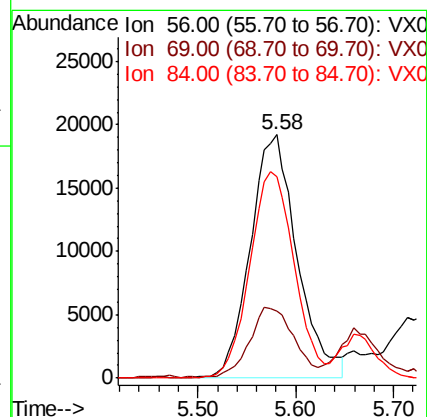
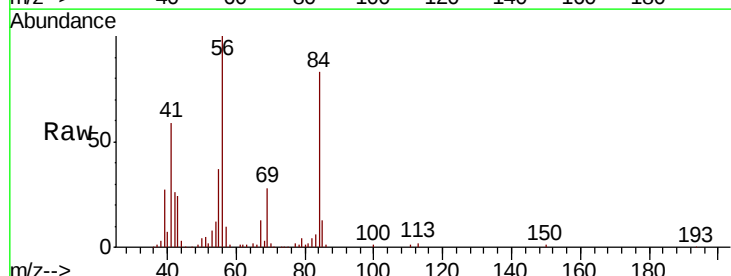
Tgt Ion: 56 Resp: 64075

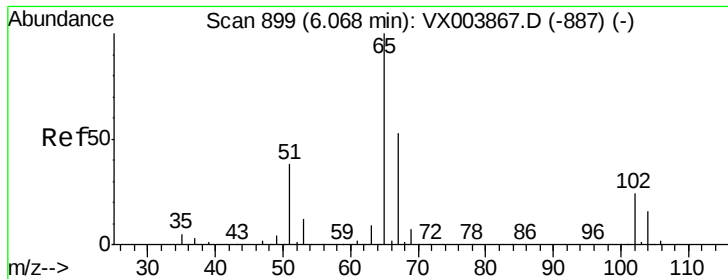
Ion Ratio Lower Upper

56 100

69 26.9 24.9 37.3

84 82.9 71.7 107.5





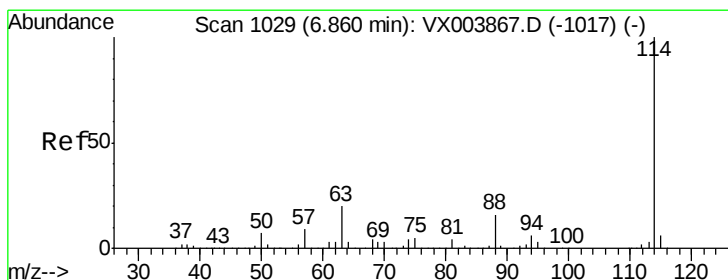
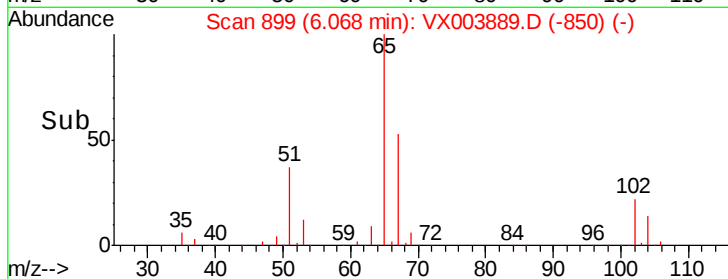
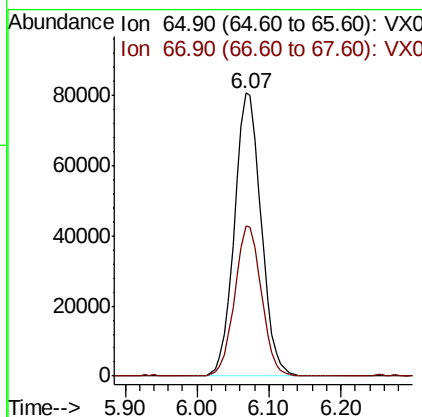
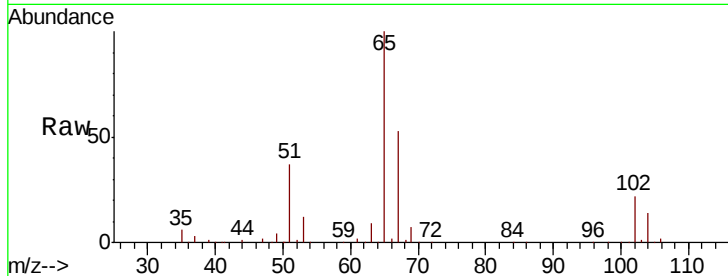
#33
 1,2-Dichloroethane-d4
 Concen: 50.24 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003889.D
 Acq: 07 Aug 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0524DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	208462		
67	53.1	0.0	105.8	

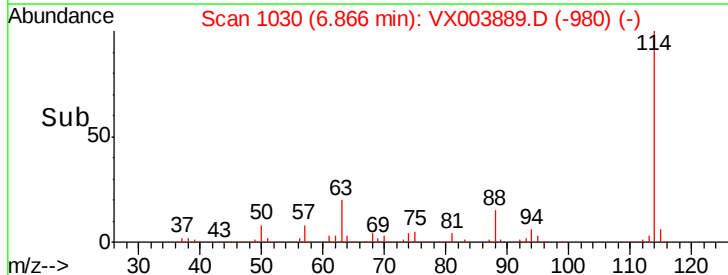
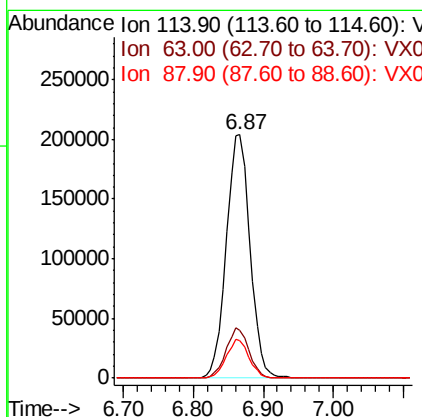
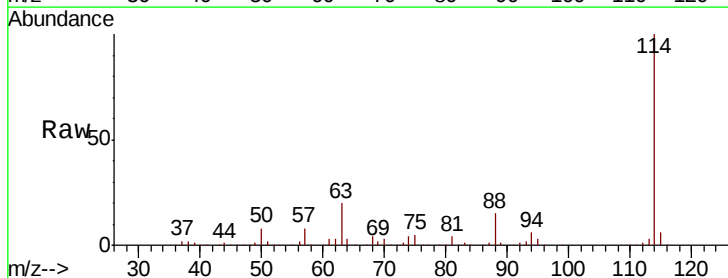
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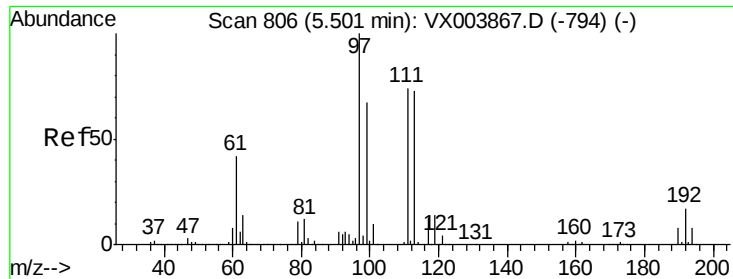
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003889.D
 Acq: 07 Aug 2018 19:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	480518		
63	19.7	0.0	39.0	
88	15.2	0.0	32.0	





#35

Dibromofluoromethane

Concen: 47.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Instrument :

MSVOA_X

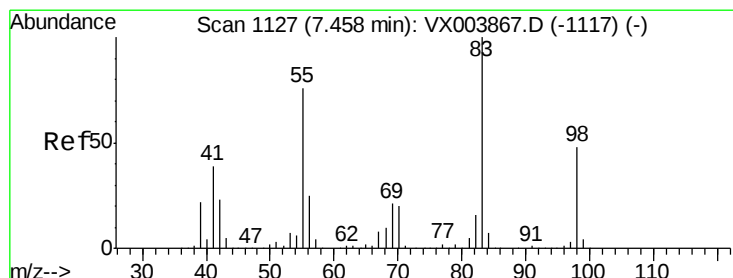
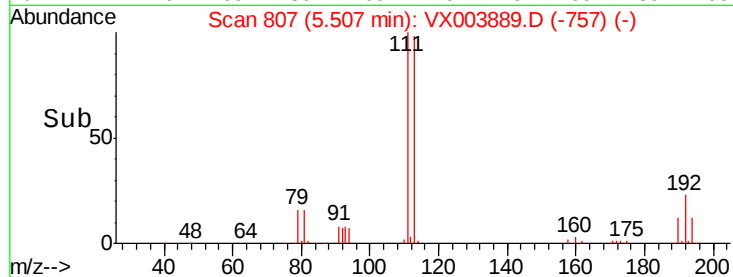
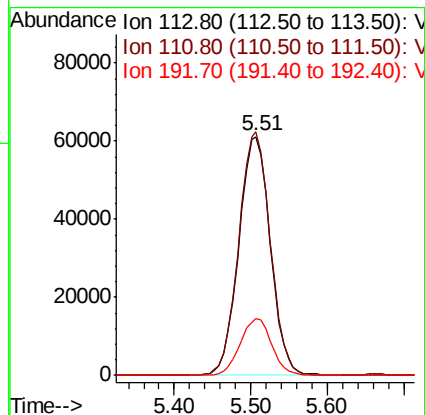
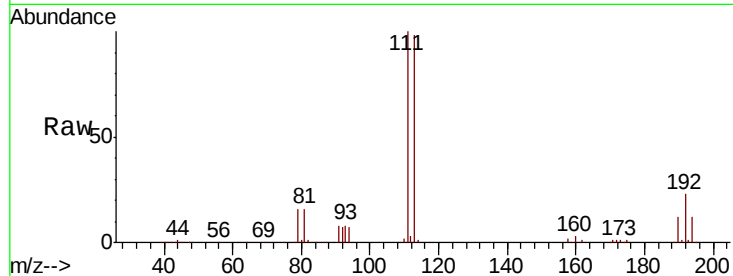
ClientSampleId :

FL-0524DL

Tot Ion:	113	Resp:	174703
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.0	123.0
192	23.7	19.0	28.4

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#39

Methylcyclohexane

Concen: 20.32 ug/l

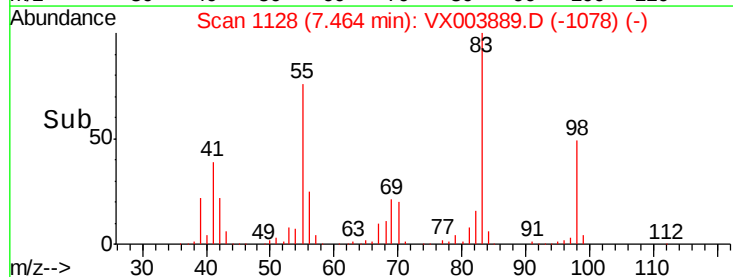
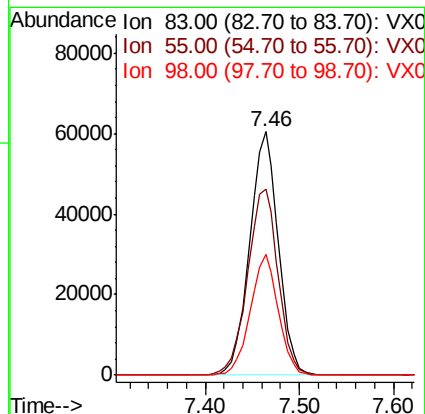
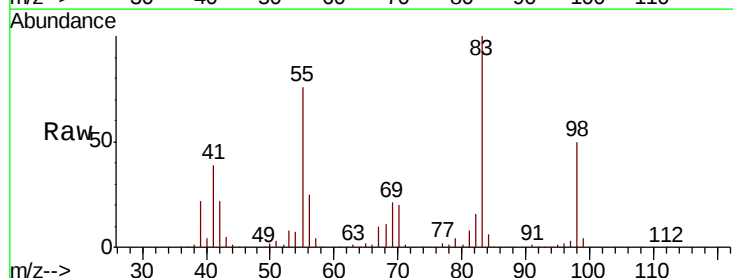
RT: 7.46 min Scan# 1128

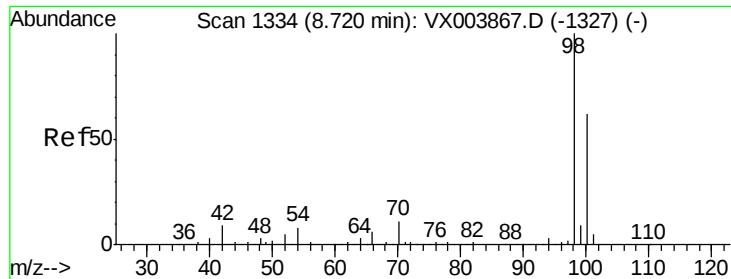
Delta R.T. 0.01 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Tgt Ion:	83	Resp:	128948
Ion Ratio	Lower	Upper	
83	100		
55	76.2	61.0	91.6
98	49.6	38.6	57.8





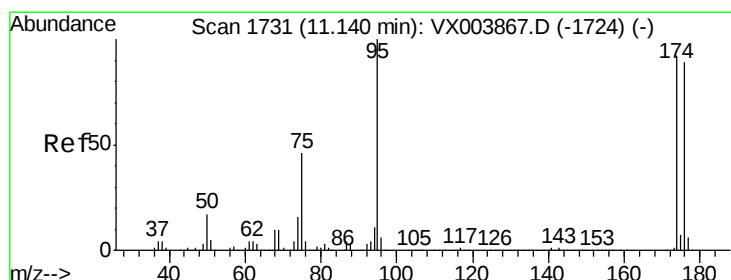
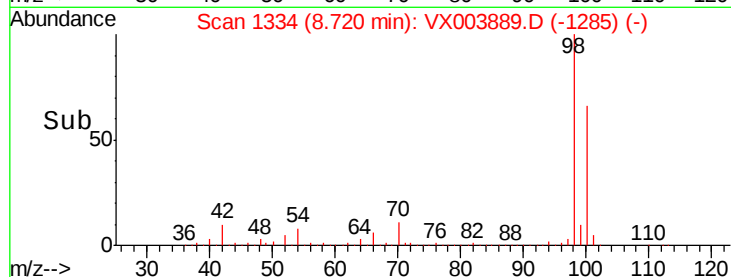
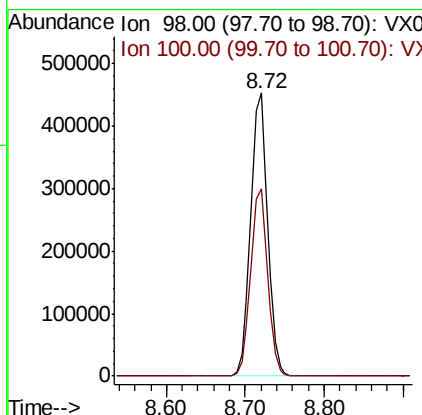
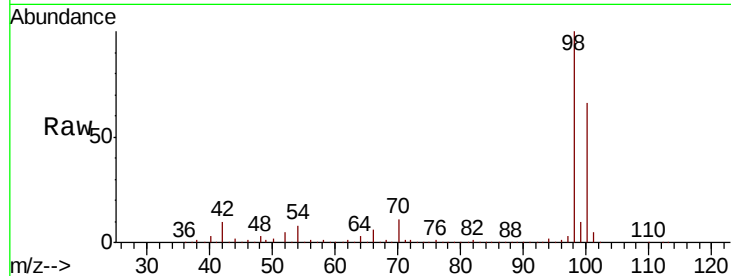
#50
Toluene-d8
Concen: 48.48 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
FL-0524DL

Tot Ion: 98 Resp: 686356
Ion Ratio Lower Upper
98 100
100 66.0 53.3 79.9

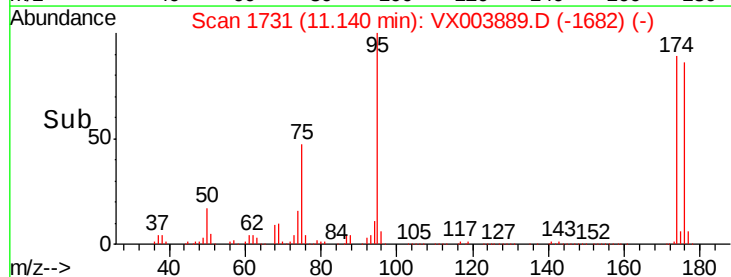
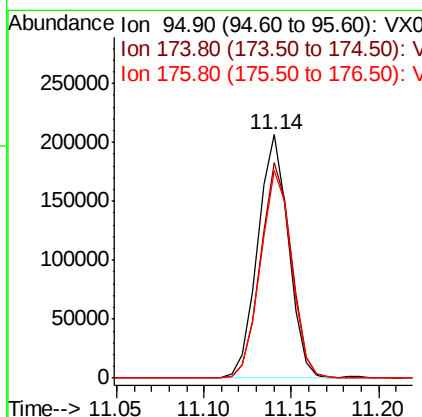
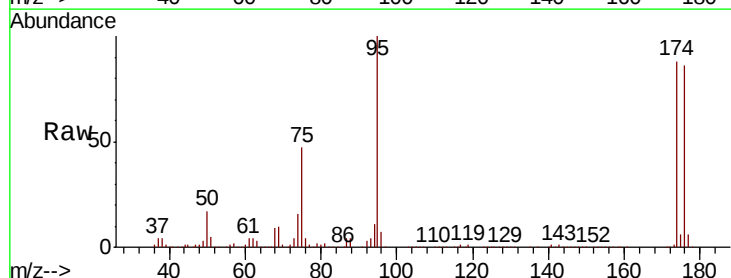
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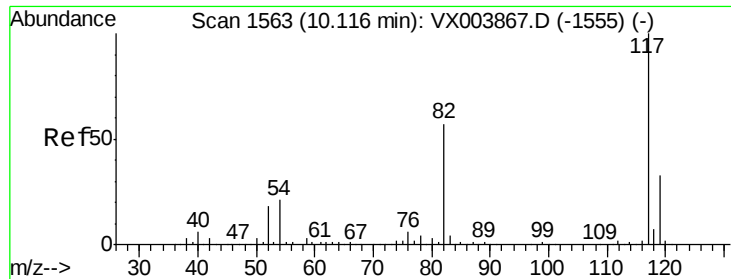
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#62
4-Bromofluorobenzene
Concen: 55.14 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Tgt Ion: 95 Resp: 252557
Ion Ratio Lower Upper
95 100
174 89.4 0.0 182.8
176 86.8 0.0 179.0





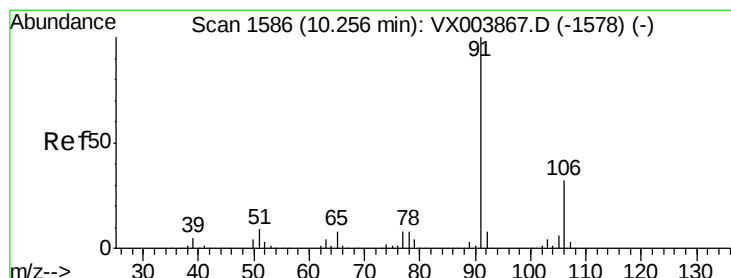
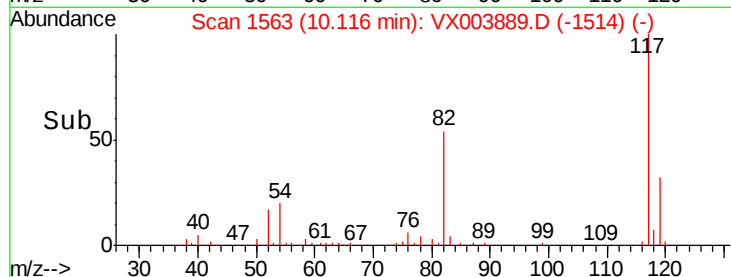
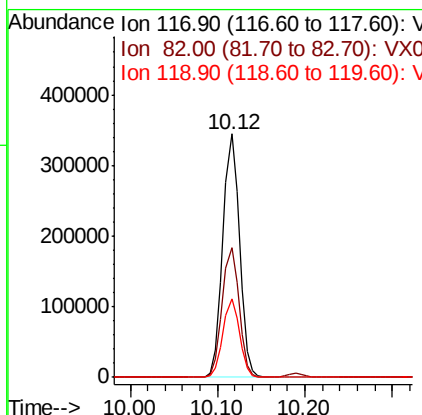
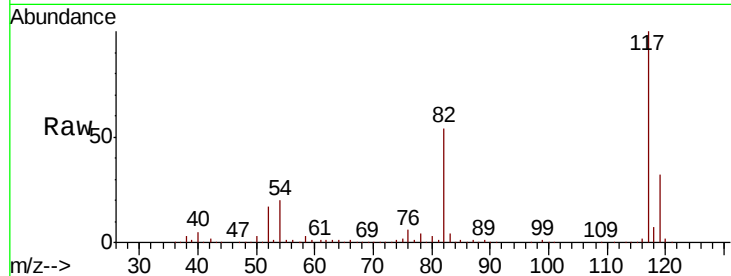
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
FL-0524DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.4	68.0
119	32.0	26.6	40.0

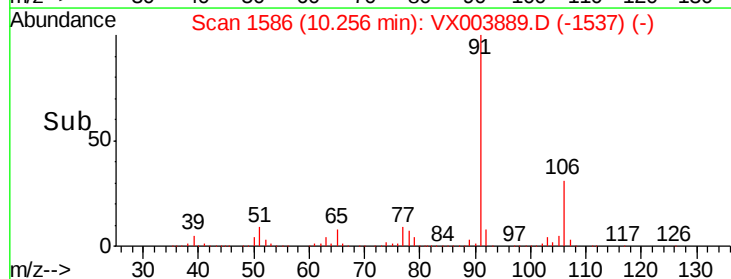
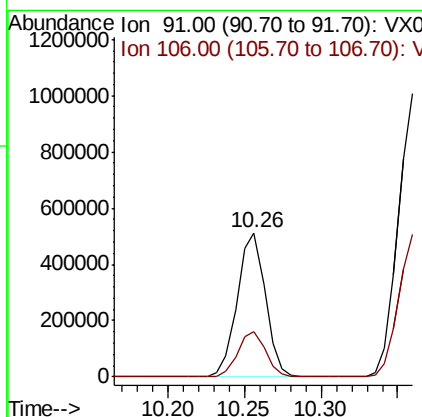
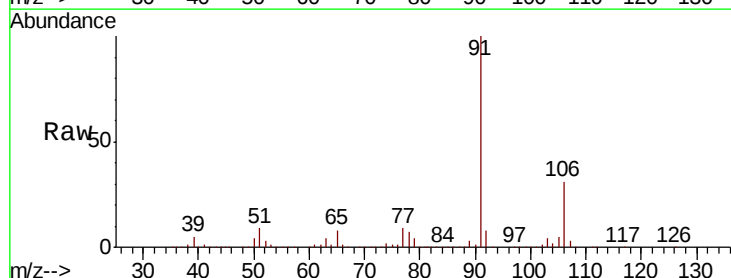
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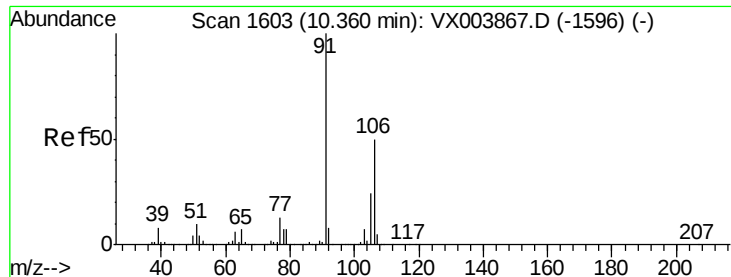
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#67
Ethyl Benzene
Concen: 33.68 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.9	38.9





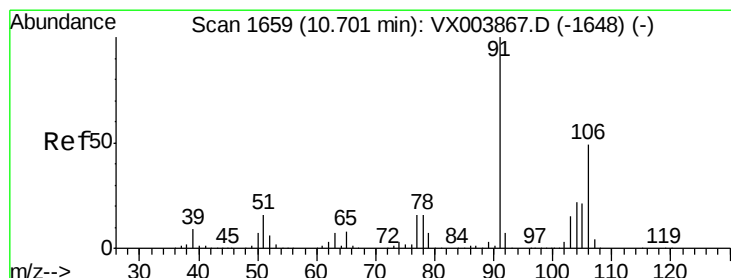
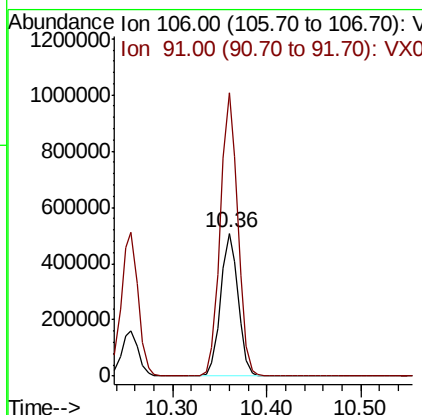
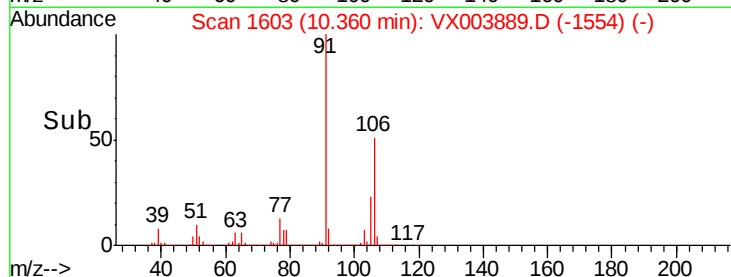
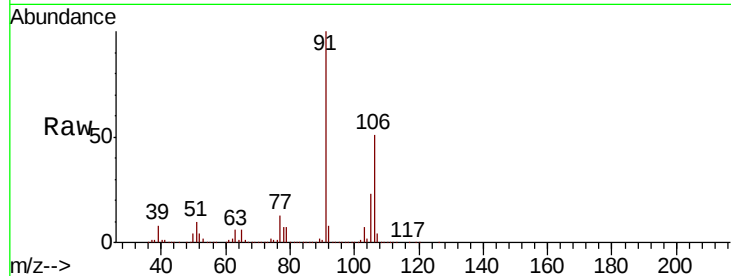
#68
m/p-Xvlenes
Concen: 86.52 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Instrument :
MSVOA_X
ClientSampled :
FL-0524DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		654217		
91	197.8	162.3	243.5		

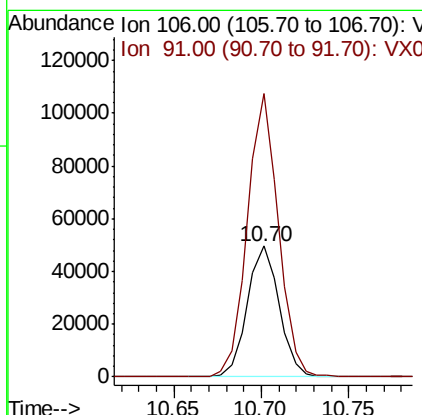
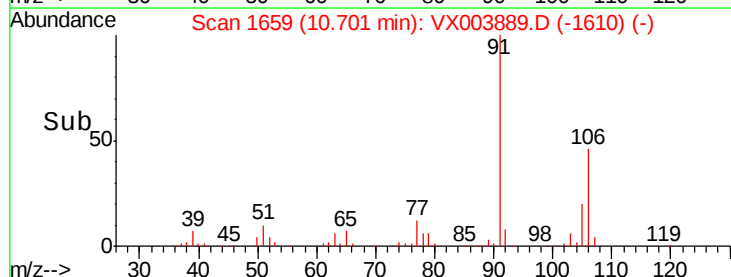
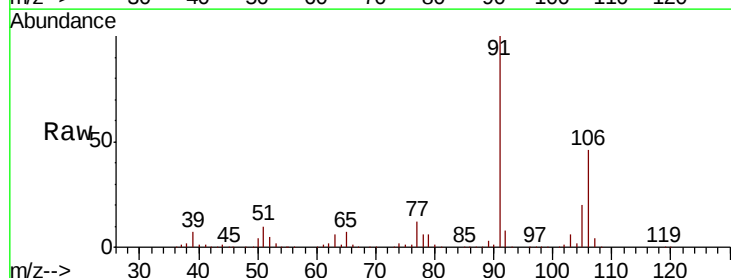
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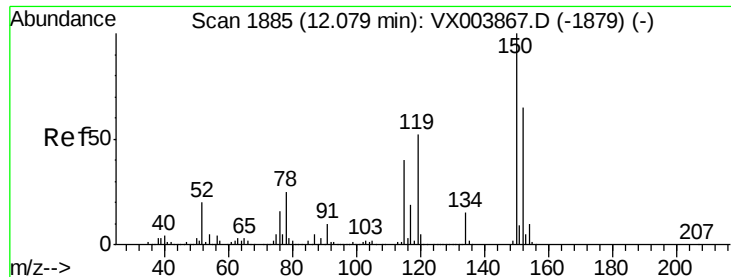
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#69
o-Xylene
Concen: 8.85 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		63154		
91	208.1	101.9	305.7		





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Instrument :

MSVOA_X

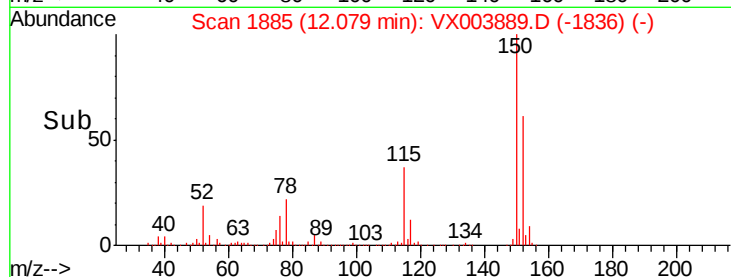
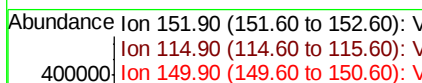
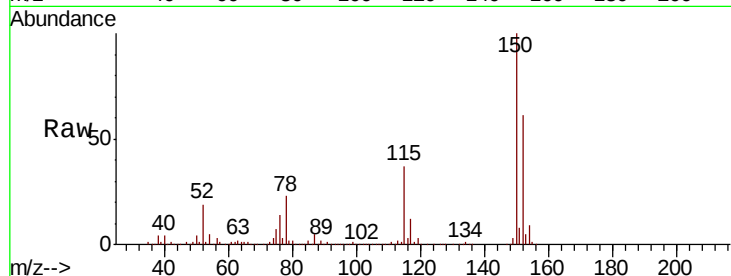
ClientSampled :

FL-0524DL

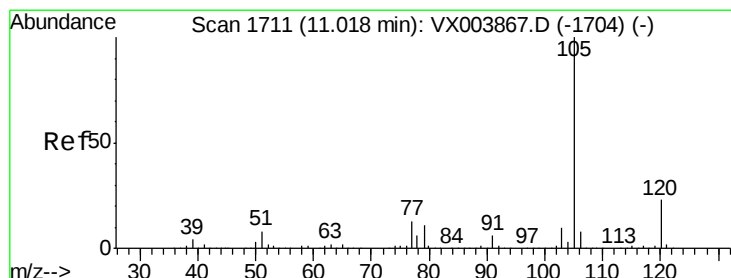
Tot Ion:	152	Resp:	237900
Ion Ratio	Lower	Upper	
152	100		
115	56.9	39.1	117.3
150	159.4	0.0	349.2

Manual Integrations
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Time-->



#73

Isopropylbenzene

Concen: 4.38 ug/l

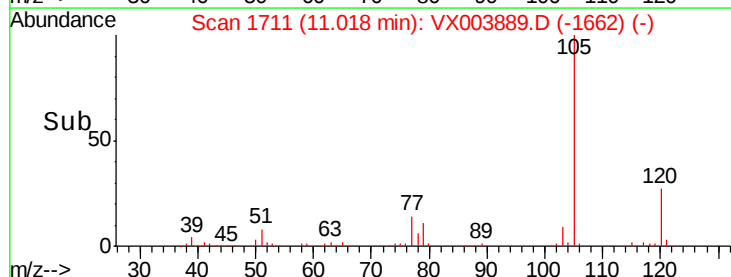
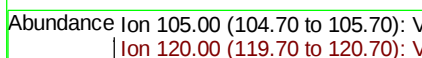
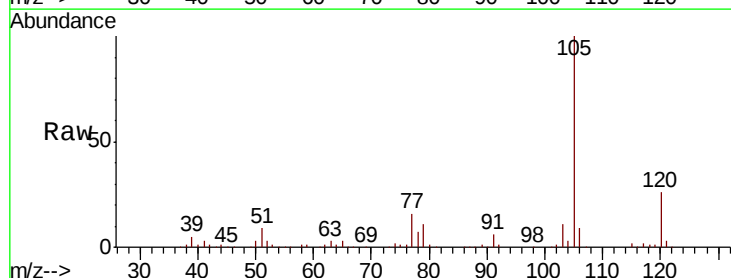
RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

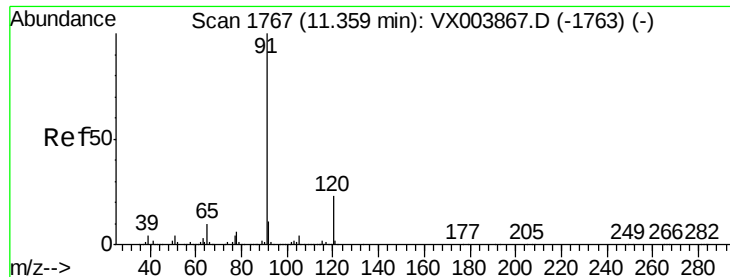
Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Tgt Ion:	105	Resp:	77037
Ion Ratio	Lower	Upper	
105	100		
120	26.7	12.6	37.8



Time-->



#78

n-propylbenzene

Concen: 8.56 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003889.D

Acq: 07 Aug 2018 19:12

Instrument :

MSVOA_X

ClientSampleID :

FL-0524DL

Tot Ion: 91 Resp: 169099

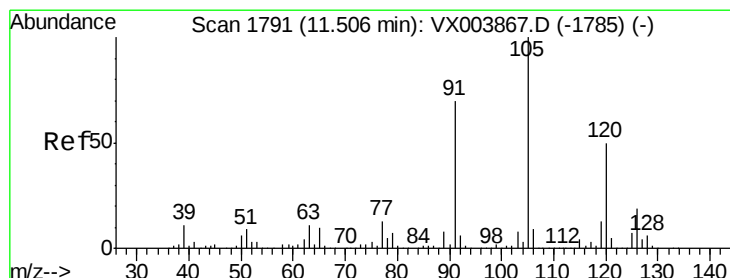
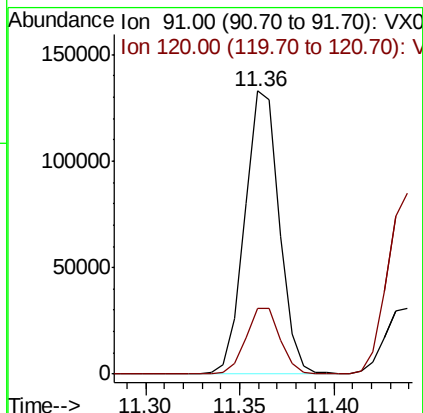
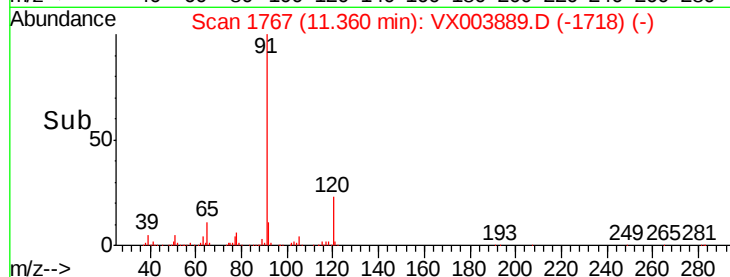
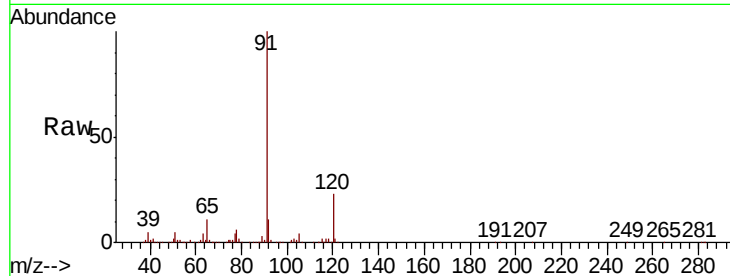
Ion Ratio Lower Upper

91 100

120 23.3 11.9 35.5

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#80

1,3,5-Trimethylbenzene

Concen: 17.65 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003889.D

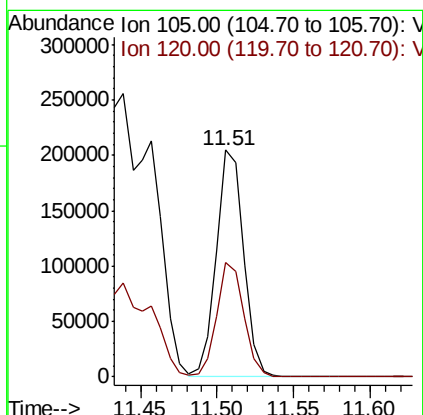
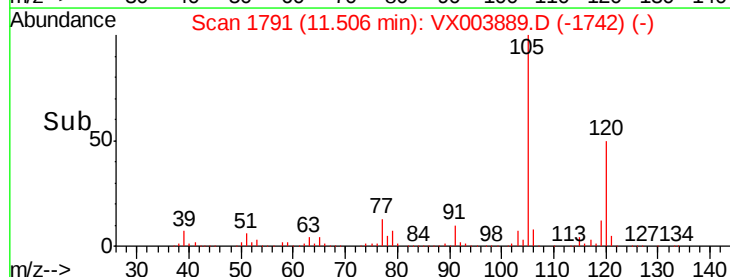
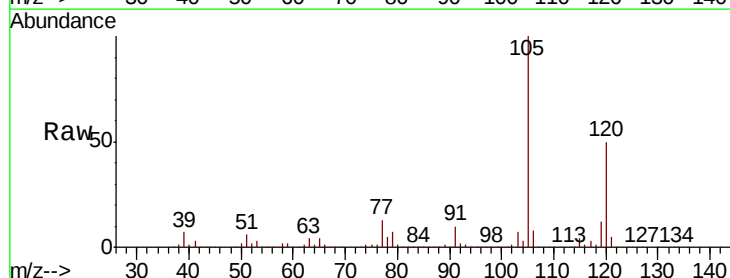
Acq: 07 Aug 2018 19:12

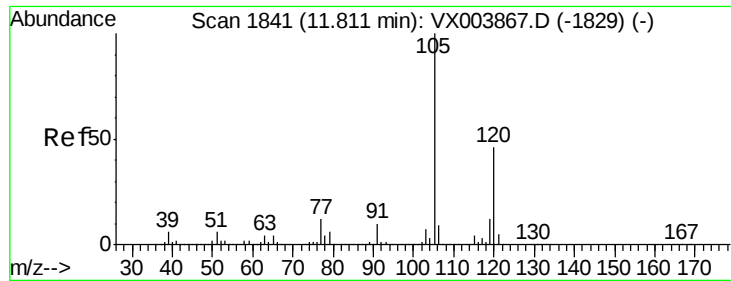
Tgt Ion: 105 Resp: 253345

Ion Ratio Lower Upper

105 100

120 49.9 25.4 76.2





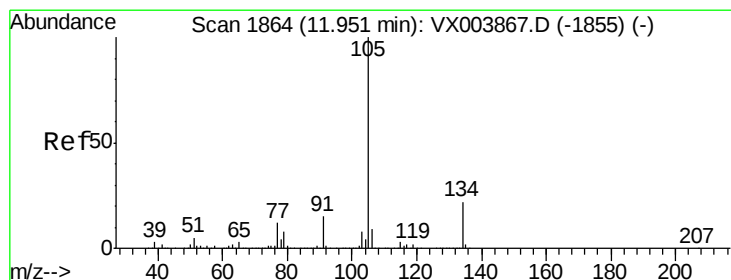
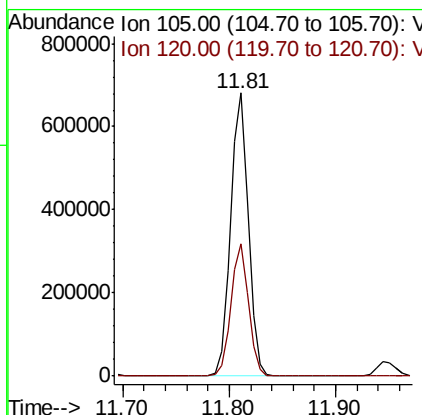
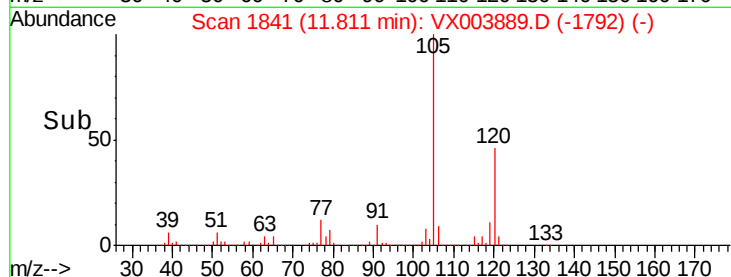
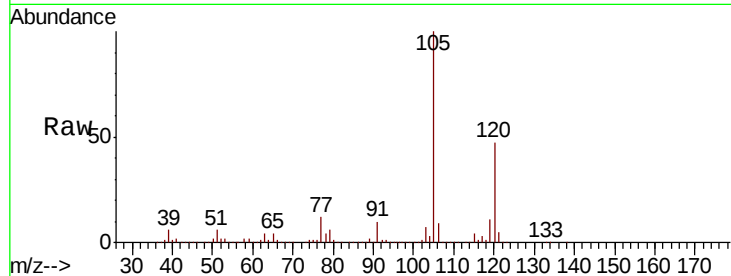
#84
 1,2,4-Trimethylbenzene
 Concen: 55.37 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003889.D
 Acq: 07 Aug 2018 19:12

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0524DL

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2

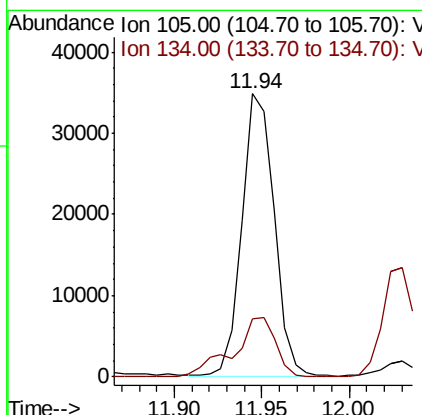
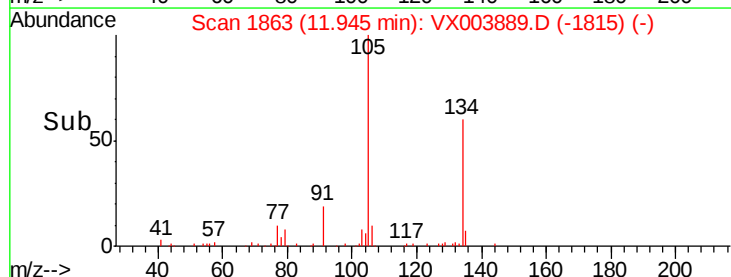
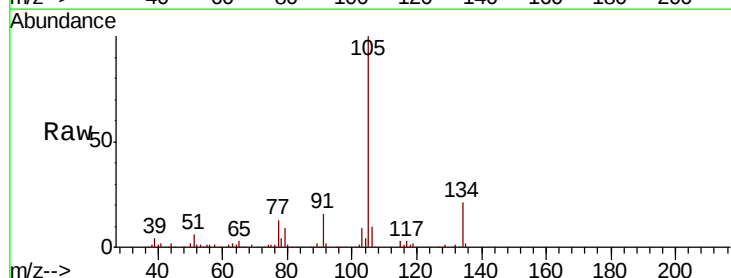
Manual Integrations
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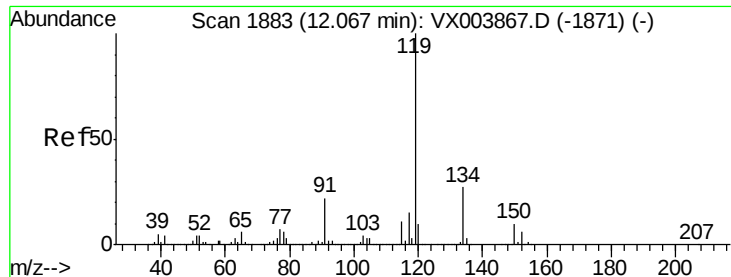
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 8/8/2018 12:01:57 PM



#85
 sec-Butylbenzene
 Concen: 2.67 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX003889.D
 Acq: 07 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
105	100		
134	28.0	10.3	30.9





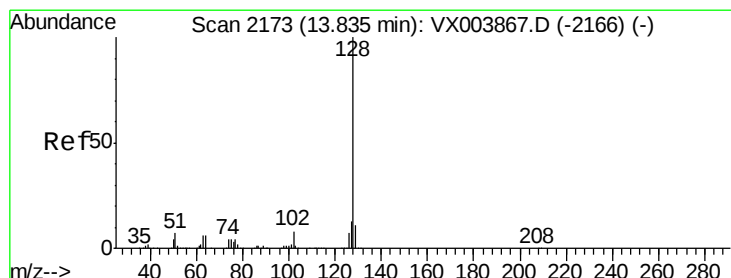
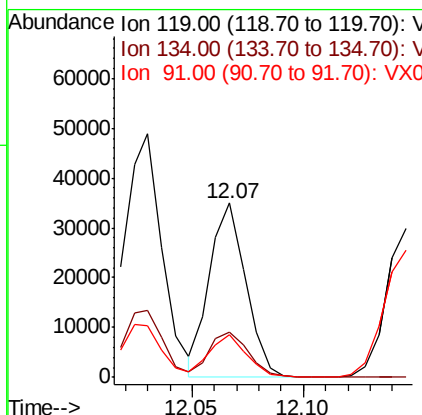
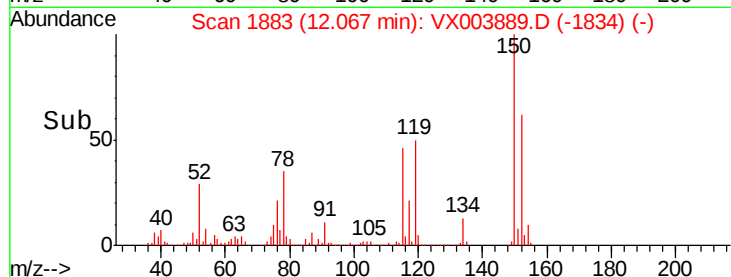
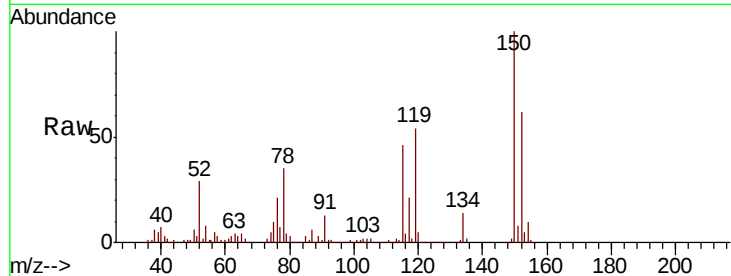
#86
p-Isopropyltoluene
Concen: 2.64 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Instrument :
MSVOA_X
ClientSampleId :
FL-0524DL

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.2	13.3	39.8
91	25.2	10.9	32.7

Manual Integrations
APPROVED

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8/8/2018 12:01:57 PM



#95
Naphthalene
Concen: 9.72 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003889.D
Acq: 07 Aug 2018 19:12

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.2	8.8	13.2

