

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
 Data File : VX010962.D
 Acq On : 18 Jul 2019 16:32
 Operator : JC/SP
 Sample : K3884-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0609

Manual Integrations
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 7/22/2019 12:03:44 PM

Quant Time: Jul 19 02:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 06:57:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	225874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185809	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118476	49.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.60%	
35) Dibromofluoromethane	5.50	113	107581	48.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.06%	
50) Toluene-d8	8.71	98	434492	51.72	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	173443	56.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	1633m	1.505	ug/l	
31) Cyclohexane	5.59	56	841511	257.922	ug/l	99
39) Methylcyclohexane	7.46	83	673268	179.112	ug/l	98
40) Benzene	6.14	78	73342	8.260	ug/l	96
52) Toluene	8.79	92	378561	64.901	ug/l	100
67) Ethyl Benzene	10.26	91	9392407	797.140	ug/l	93
68) m/p-Xylenes	10.37	106	11499939	2544.396	ug/l #	66
69) o-Xylene	10.70	106	3053878	692.330	ug/l	98
73) Isopropylbenzene	11.02	105	863096	68.745	ug/l	100
78) n-propylbenzene	11.36	91	1314966	94.790	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	2271747	216.542	ug/l	100
83) tert-Butylbenzene	11.77	119	39177	3.802	ug/l	91
84) 1,2,4-Trimethylbenzene	11.81	105	6136822	580.373	ug/l	97
85) sec-Butylbenzene	11.94	105	140497m	11.636	ug/l	
86) p-Isopropyltoluene	12.06	119	111105	9.953	ug/l	96
89) n-Butylbenzene	12.38	91	221906	23.236	ug/l #	27
95) Naphthalene	13.83	128	3461458	290.390	ug/l	100

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

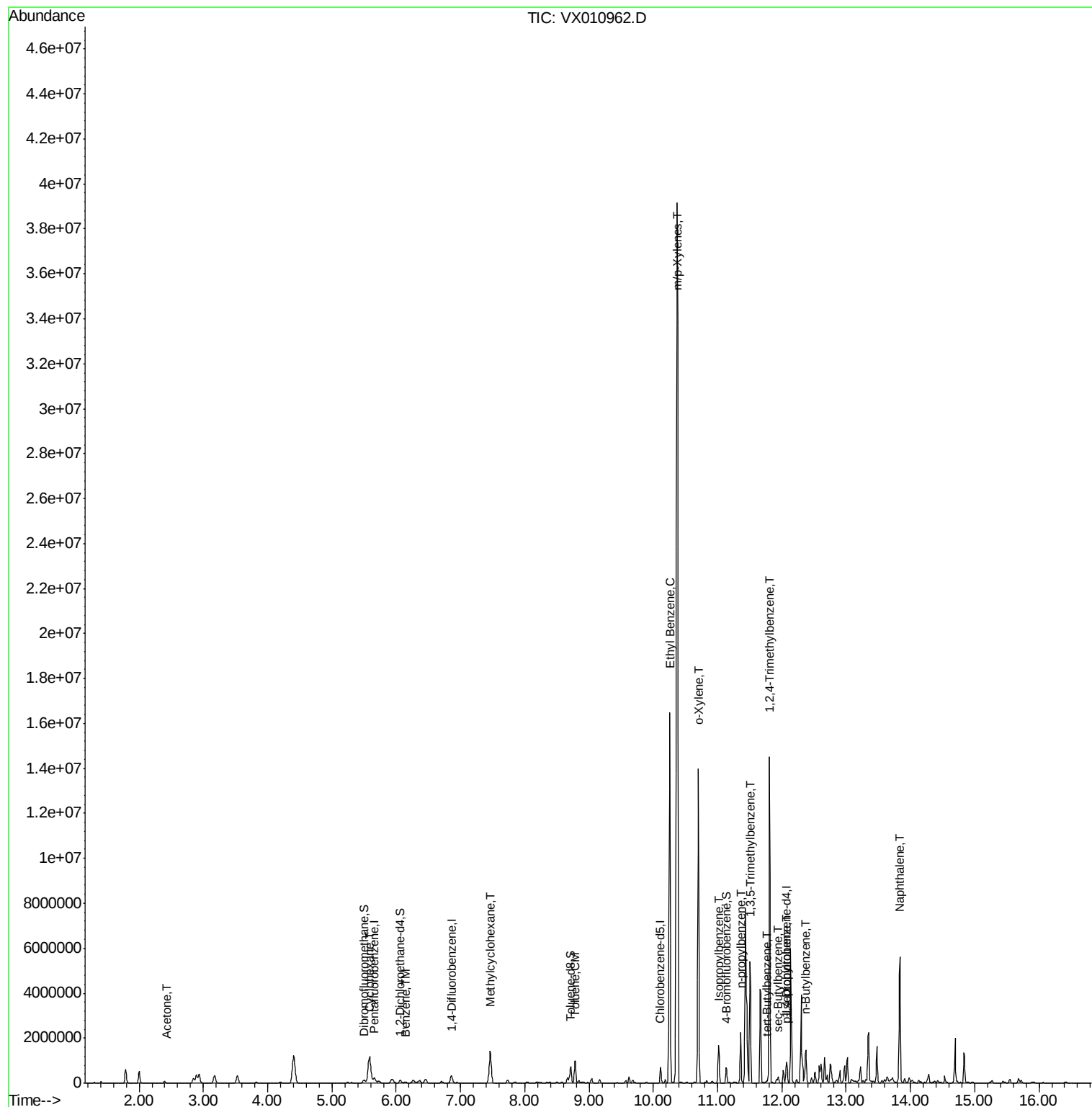
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071819\
Data File : VX010962.D
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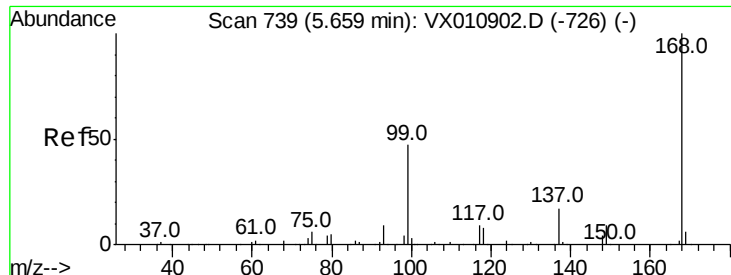
Instrument :
MSVOA_X
ClientSampleId :
FL-0609

Manual Integrations
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Quant Time: Jul 19 02:29:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Instrument :

MSVOA_X

ClientSampled :

FL-0609

Tot Ion:168 Resp: 225874

Ion Ratio Lower Upper

168 100

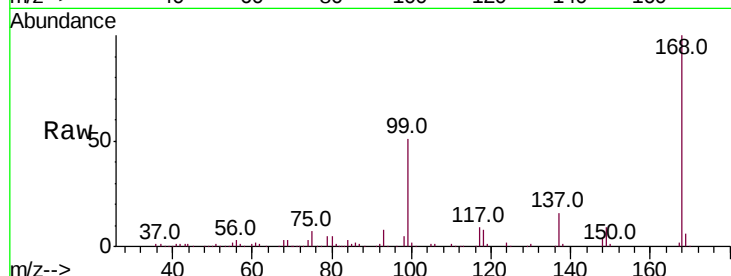
99 50.9 37.6 56.4

Manual Integrations

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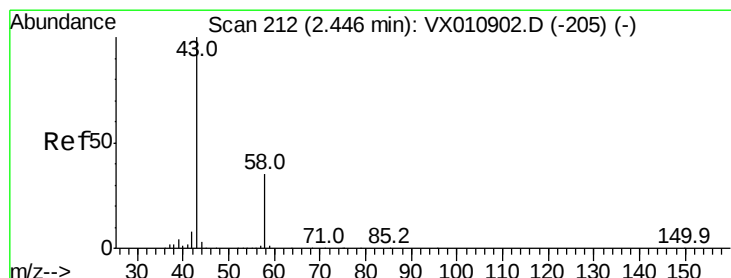
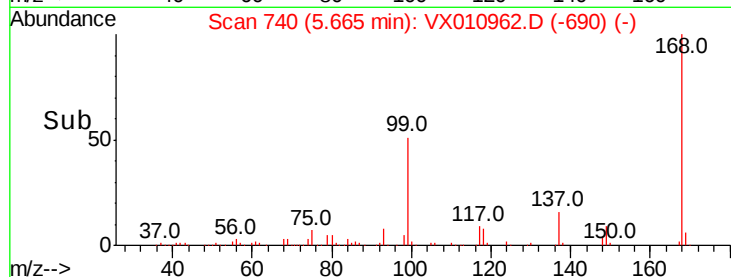
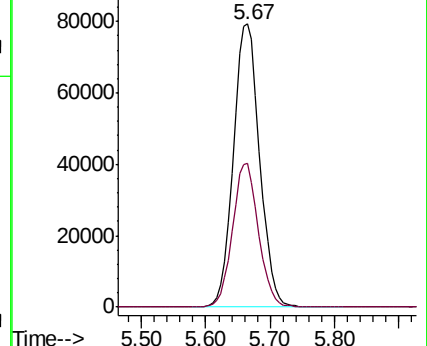
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.505 ug/l m

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010962.D

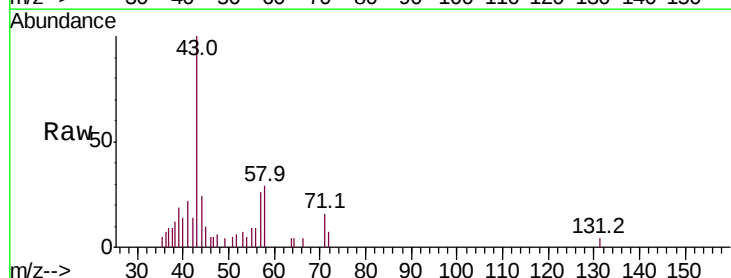
Acq: 18 Jul 2019 16:32

Tgt Ion: 43 Resp: 1633

Ion Ratio Lower Upper

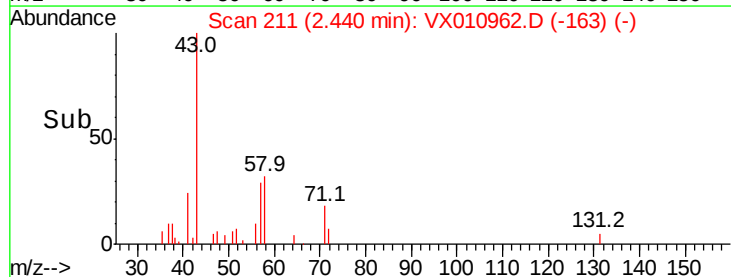
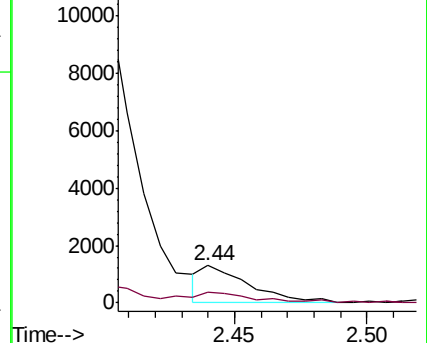
43 100

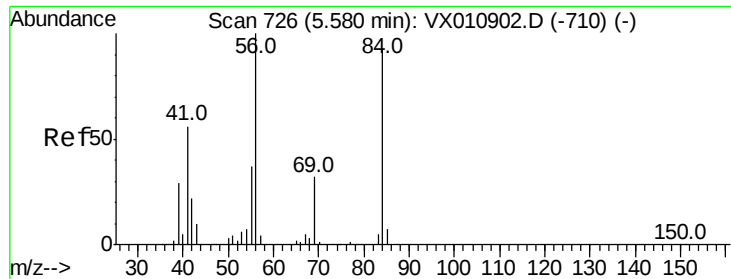
58 28.7 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 257.922 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Instrument :

MSVOA_X

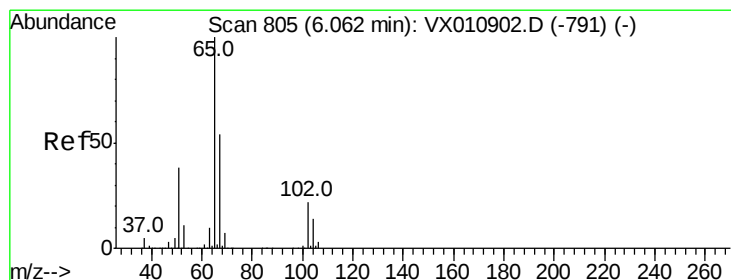
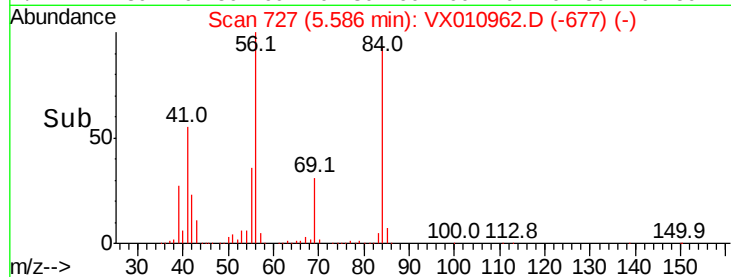
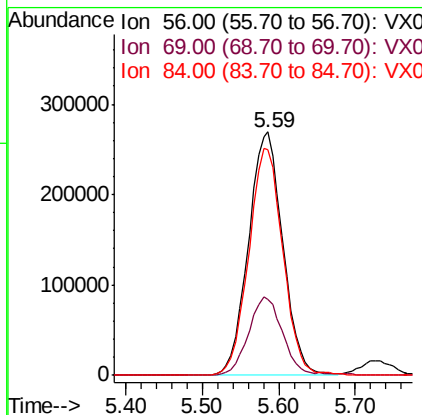
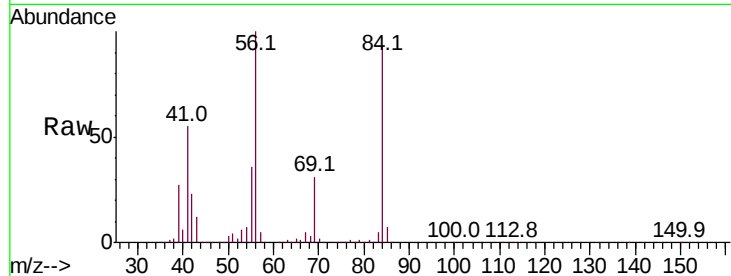
ClientSampleId :

FL-0609

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.8	38.8
84	93.0	73.8	110.6

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#33

1,2-Dichloroethane-d4

Concen: 49.304 ug/l

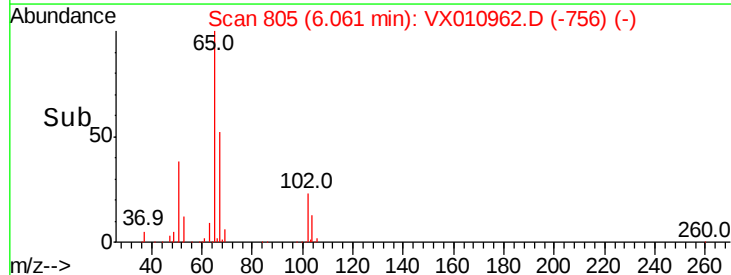
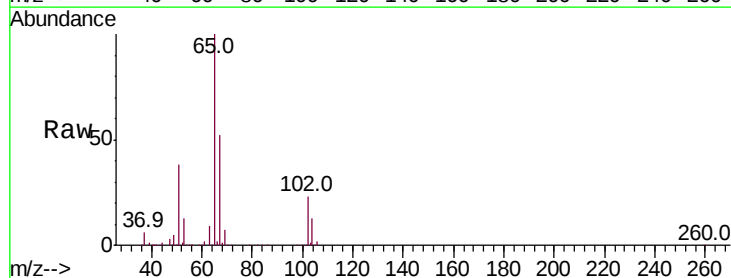
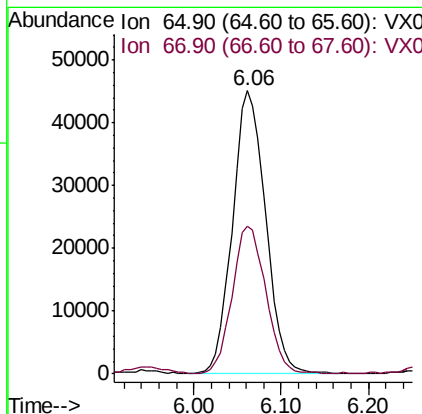
RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Instrument :

MSVOA_X

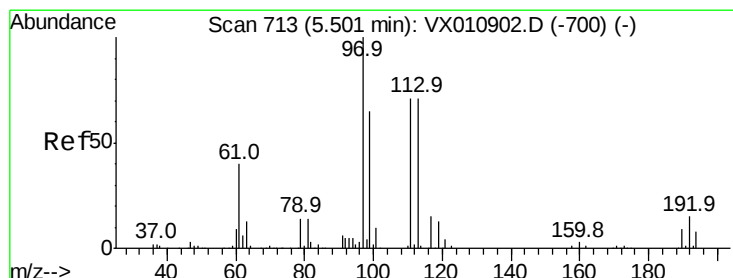
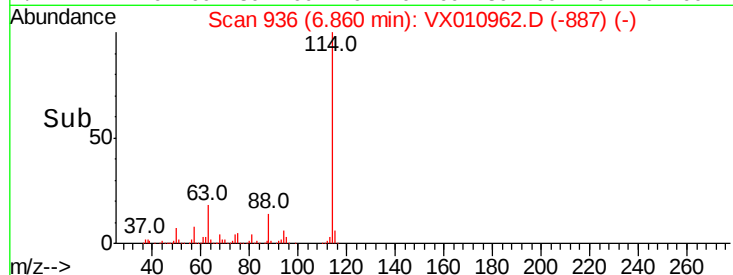
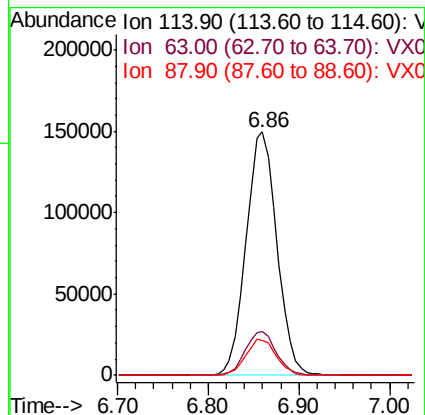
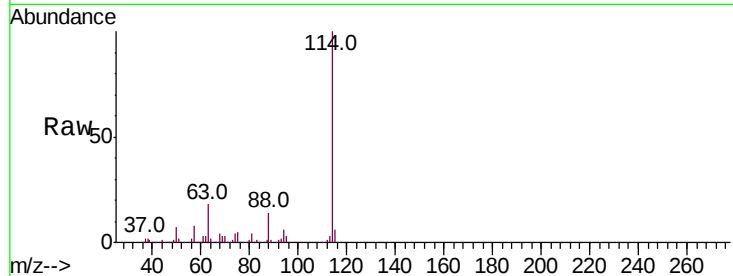
ClientSampleId :

FL-0609

Tot Ion:	114	Resp:	352882
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	35.6
88	14.5	0.0	29.8

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#35

Dibromofluoromethane

Concen: 48.031 ug/l

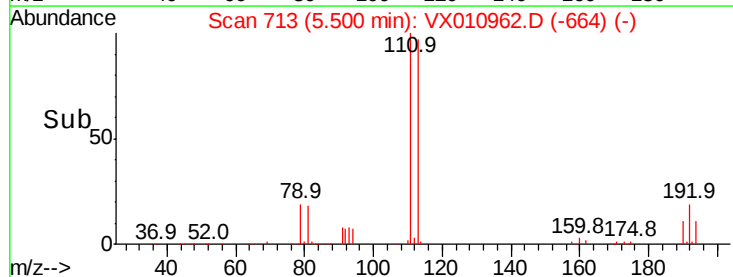
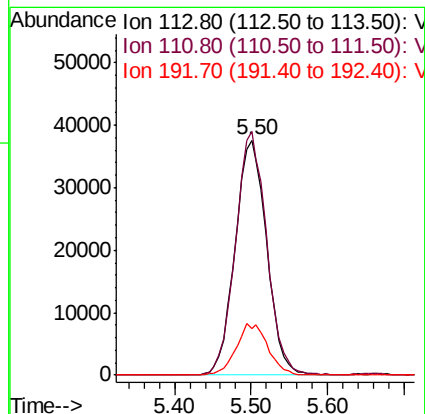
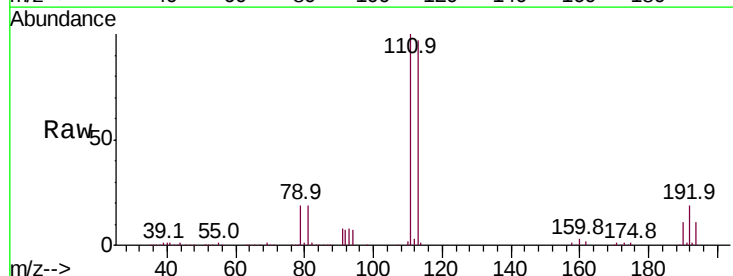
RT: 5.50 min Scan# 713

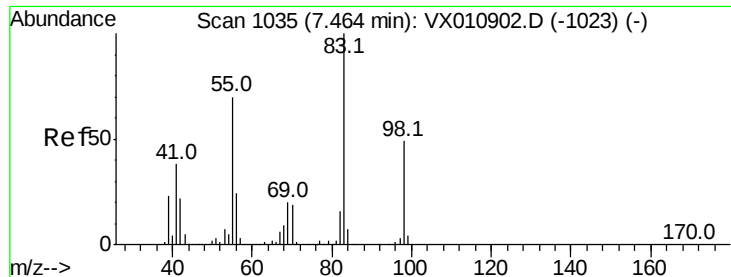
Delta R.T. -0.00 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Tgt Ion:	113	Resp:	107581
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.3	123.5
192	21.8	17.4	26.2





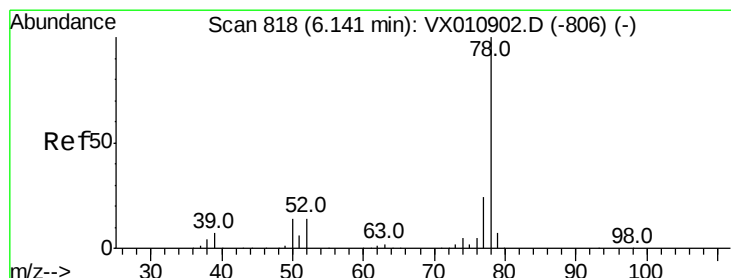
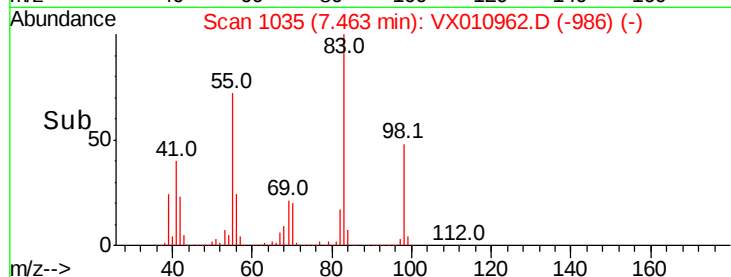
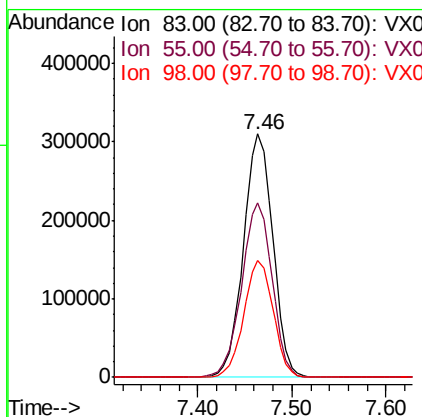
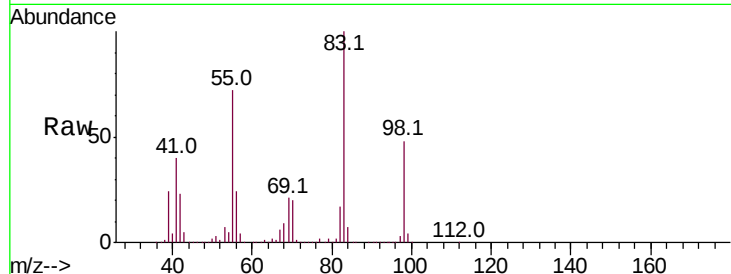
#39
Methvlcvclohexane
Concen: 179.112 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampled :
FL-0609

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	71.8	56.2	84.4	
98	47.9	39.0	58.4	

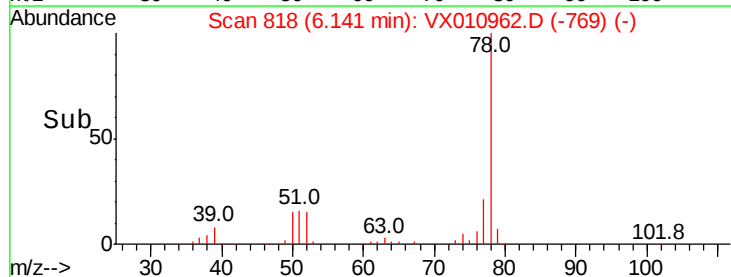
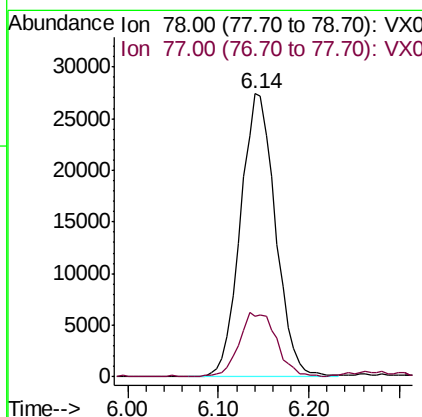
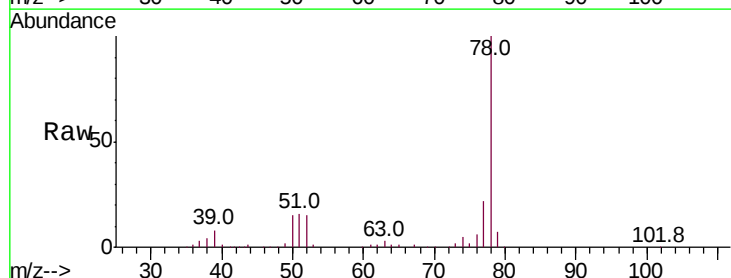
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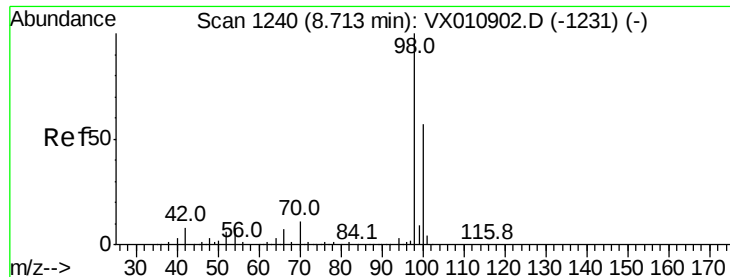
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#40
Benzene
Concen: 8.260 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	21.6	19.0	28.6	





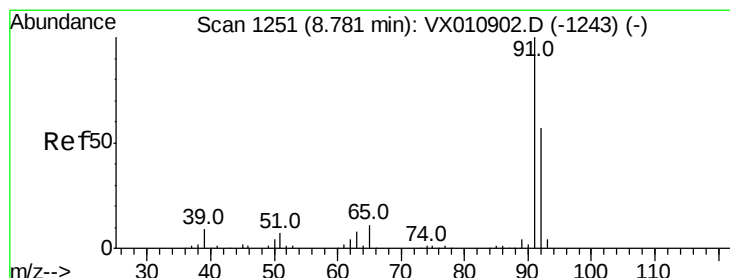
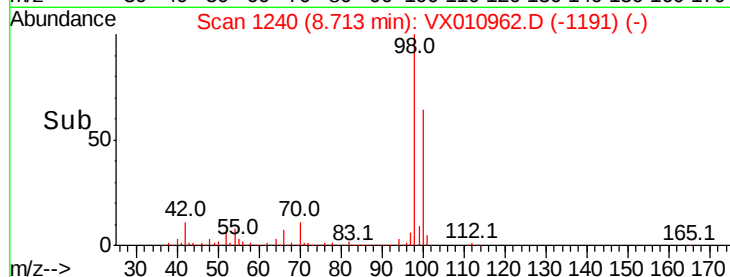
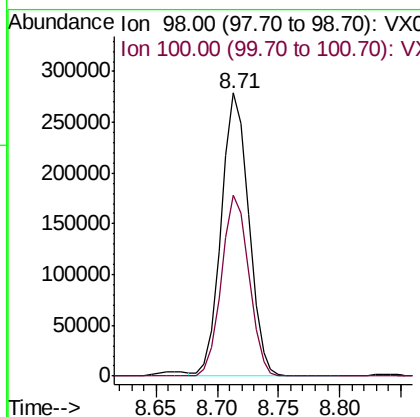
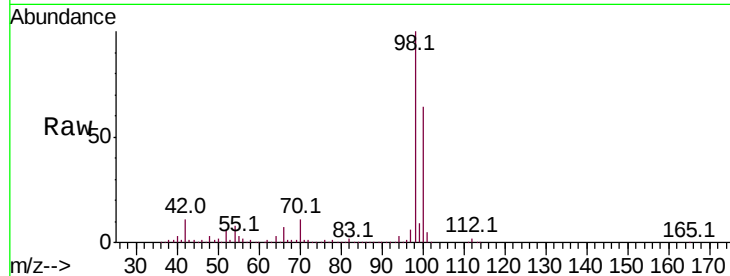
#50
Toluene-d8
Concen: 51.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0609

Tot Ion: 98 Resp: 434492
Ion Ratio Lower Upper
98 100
100 63.7 50.6 75.8

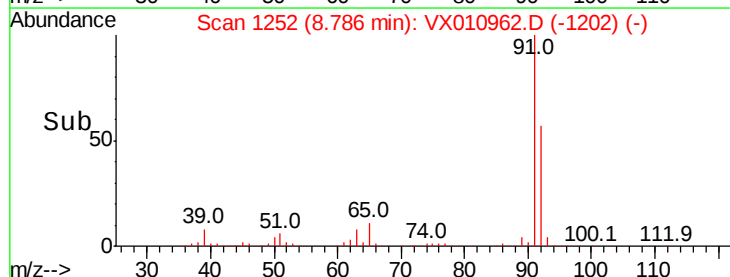
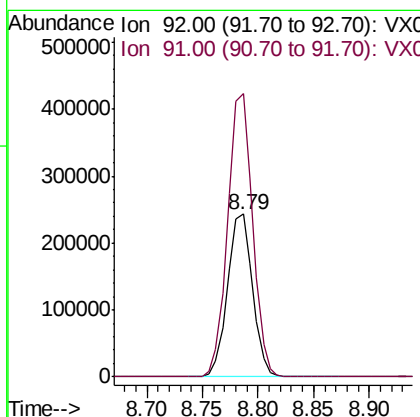
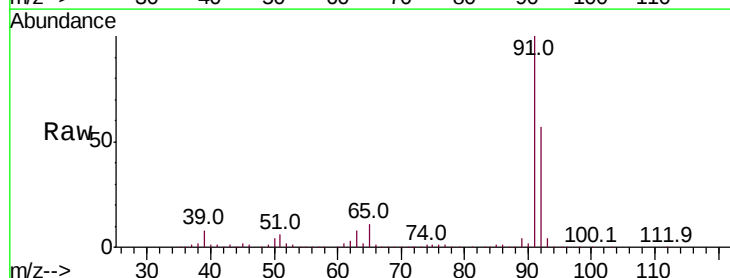
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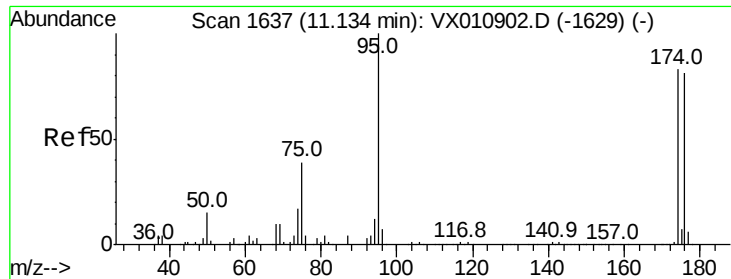
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#52
Toluene
Concen: 64.901 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.01 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion: 92 Resp: 378561
Ion Ratio Lower Upper
92 100
91 174.1 139.4 209.0





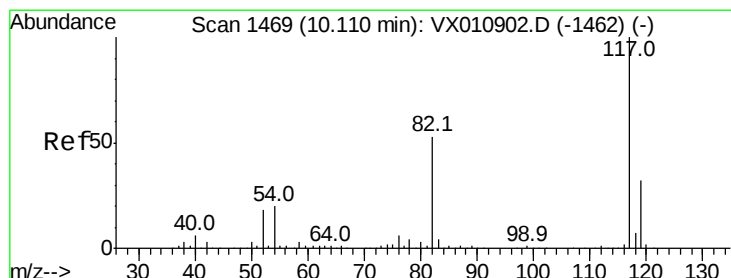
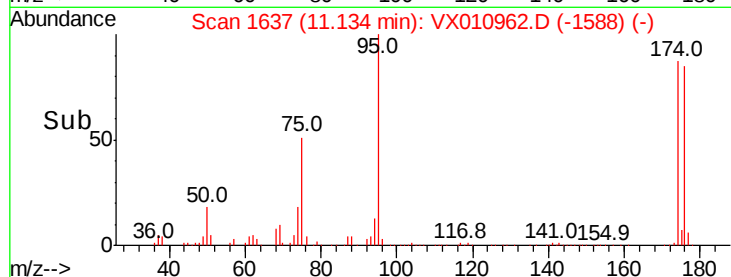
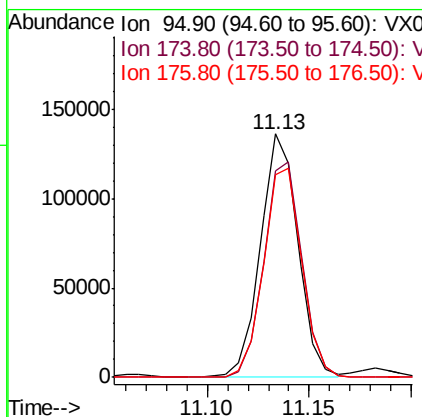
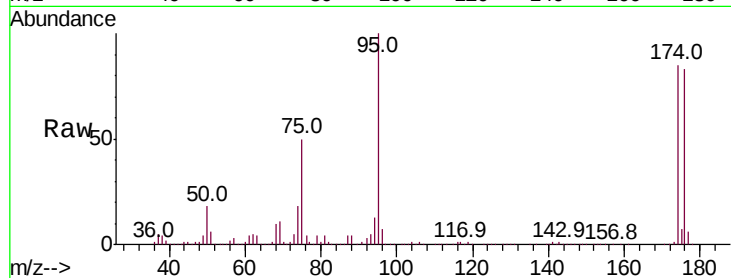
#62
4-Bromofluorobenzene
Concen: 56.169 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0609

Tot Ion	Ratio	Resp	Lower	Upper
95	100	173443		
174	90.4	0.0	180.6	
176	88.5	0.0	173.8	

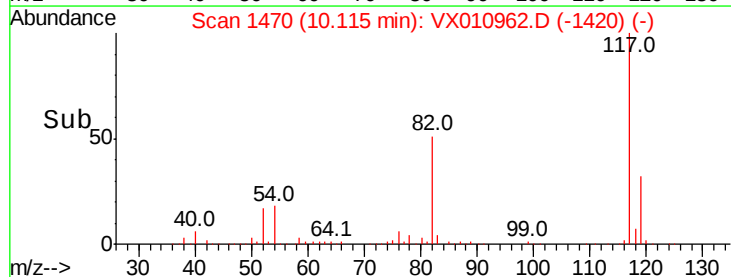
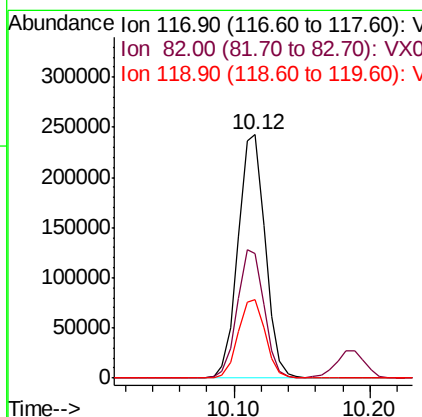
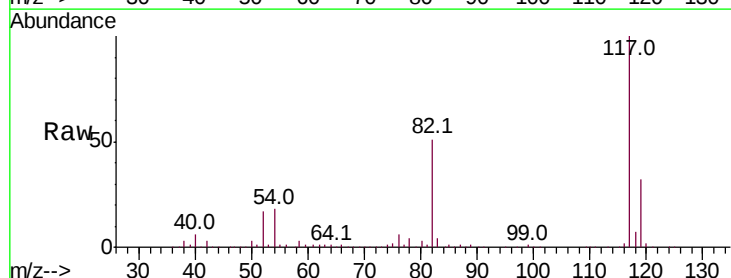
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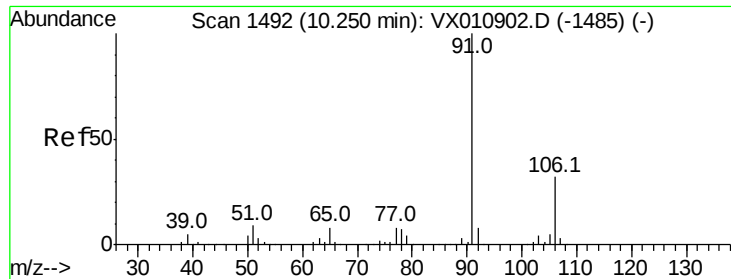
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	337030		
82	50.9	42.6	63.8	
119	32.0	25.9	38.9	





#67

Ethyl Benzene

Concen: 797.140 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.01 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0609

Tot Ion: 91 Resp: 9392407

Ion Ratio Lower Upper

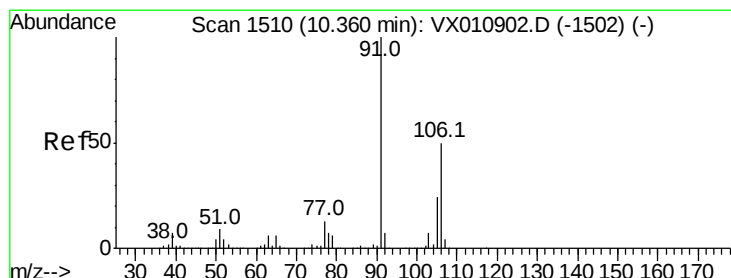
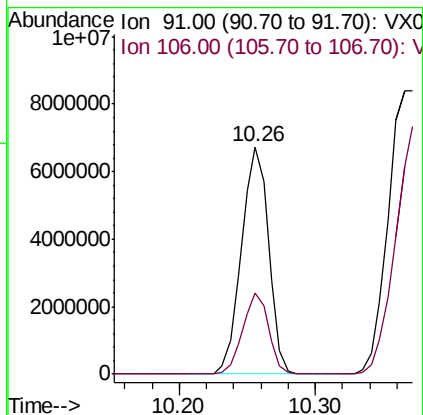
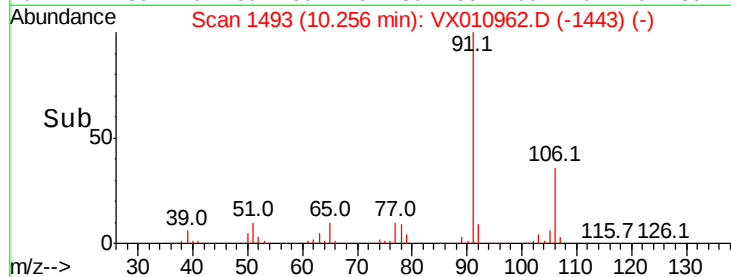
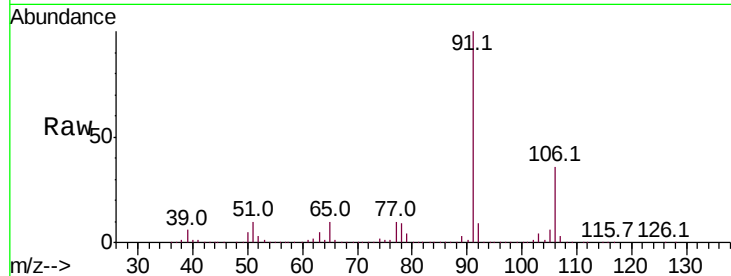
91 100

106 35.6 25.4 38.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 2544.396 ug/l

RT: 10.37 min Scan# 1512

Delta R.T. 0.01 min

Lab File: VX010962.D

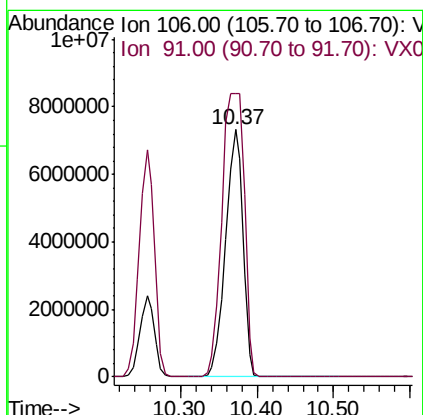
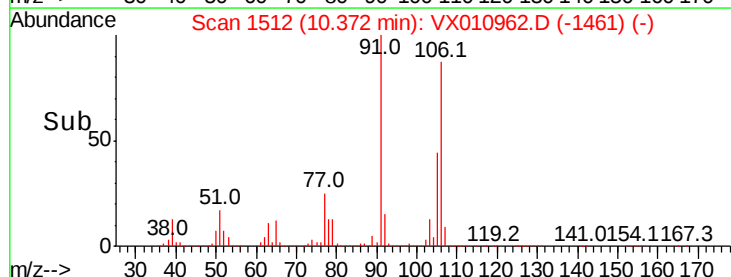
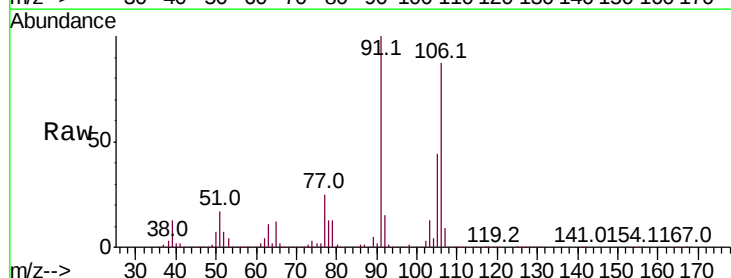
Acq: 18 Jul 2019 16:32

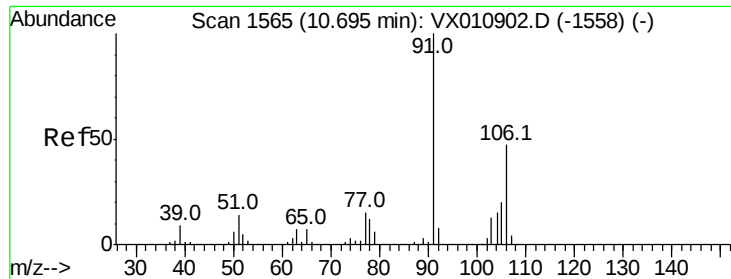
Tgt Ion: 106 Resp: 11499939

Ion Ratio Lower Upper

106 100

91 149.0 160.1 240.1#





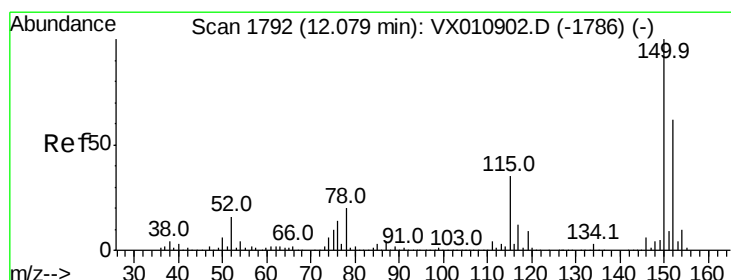
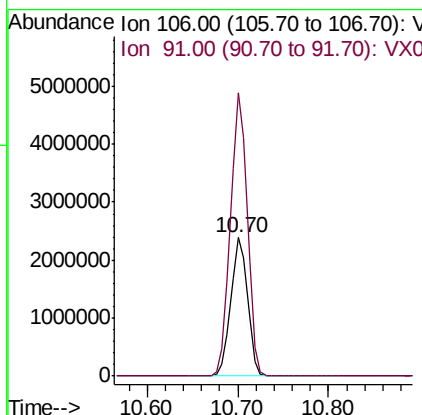
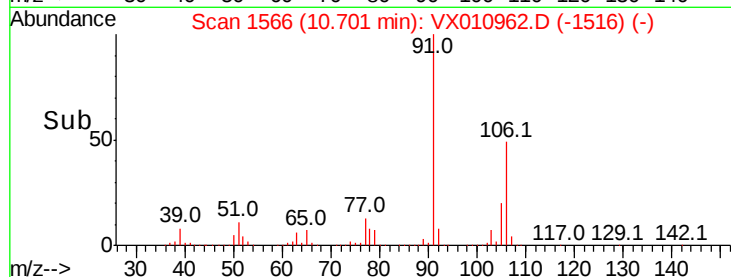
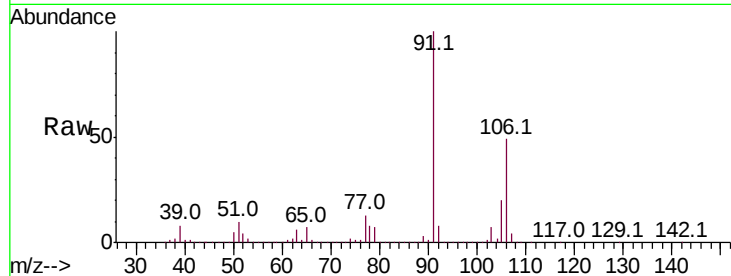
#69
o-Xylene
Concen: 692.330 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampled :
FL-0609

Tot Ion:106 Resp: 3053878
Ion Ratio Lower Upper
106 100
91 207.3 105.1 315.3

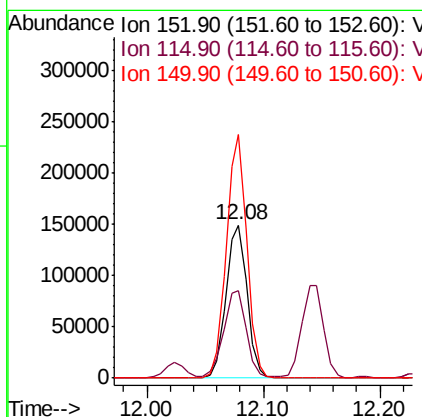
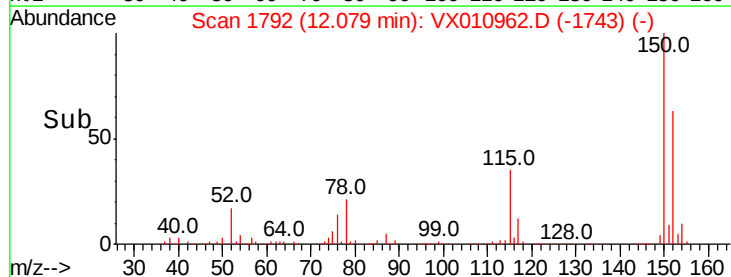
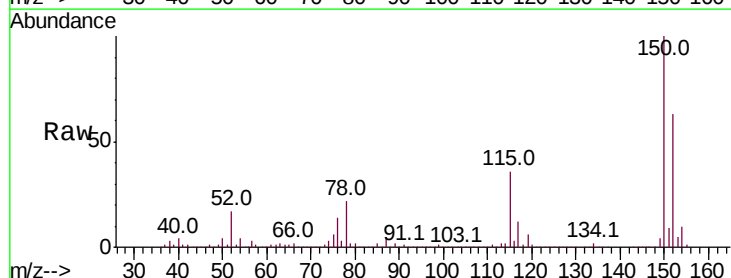
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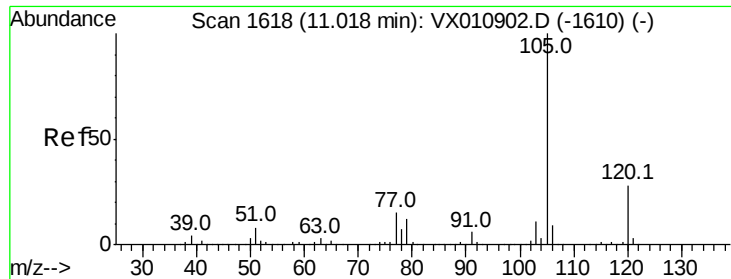
MMDadoda
7/22/2019 12:03:44 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion:152 Resp: 185809
Ion Ratio Lower Upper
152 100
115 61.2 39.7 119.1
150 155.0 0.0 345.6





#73

Isopropylbenzene

Concen: 68.745 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010962.D

Acq: 18 Jul 2019 16:32

Instrument :

MSVOA_X

ClientSampleId :

FL-0609

Tot Ion: 105 Resp: 863096

Ion Ratio Lower Upper

105 100

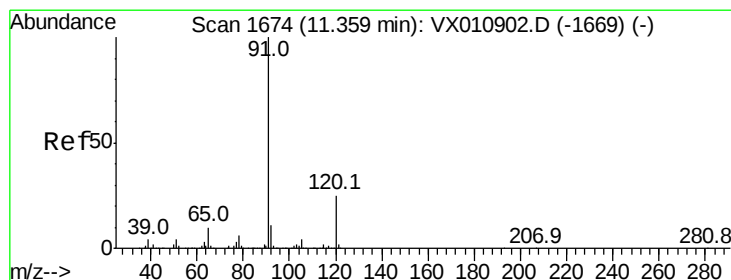
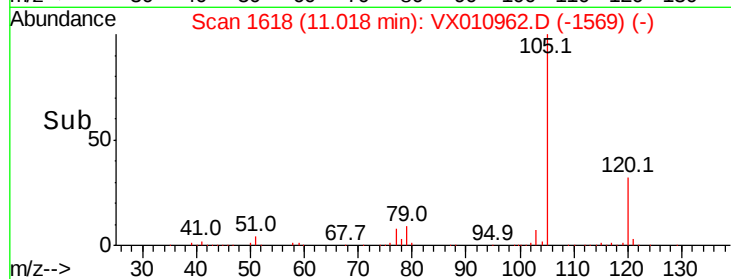
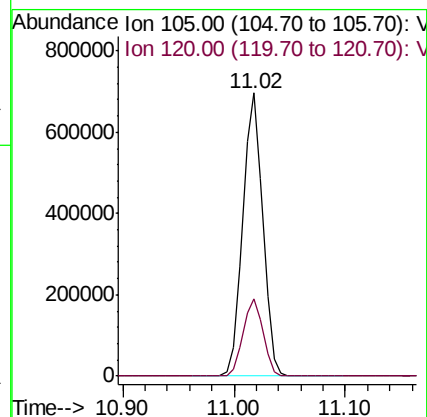
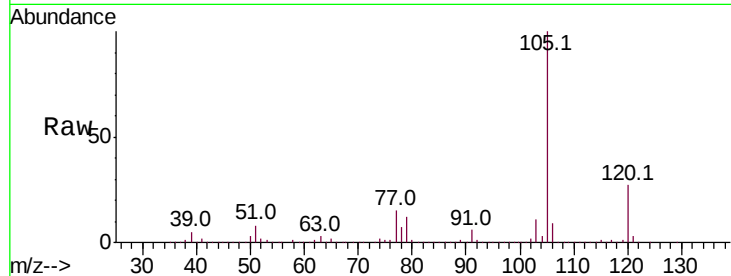
120 27.4 13.7 41.1

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#78

n-propylbenzene

Concen: 94.790 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010962.D

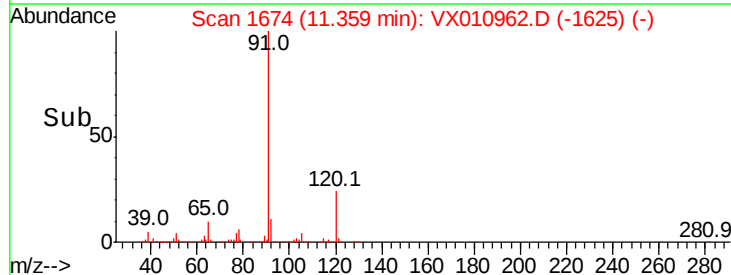
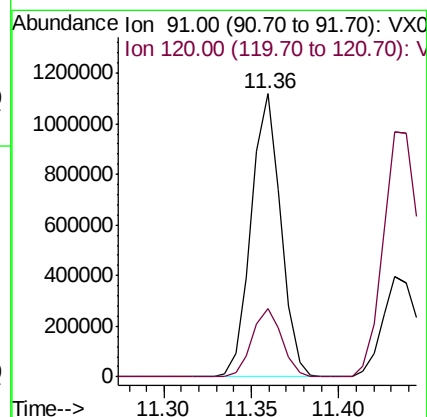
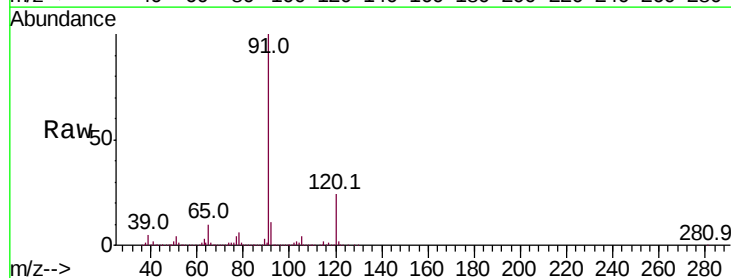
Acq: 18 Jul 2019 16:32

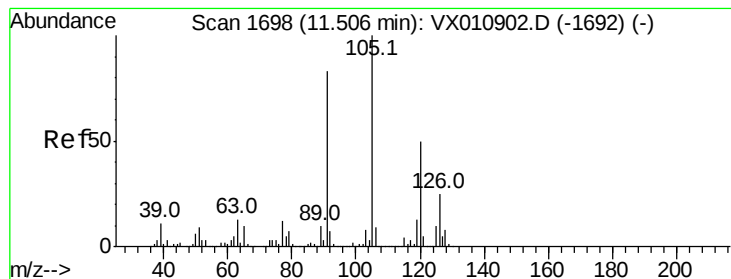
Tgt Ion: 91 Resp: 1314966

Ion Ratio Lower Upper

91 100

120 24.2 12.3 36.8





#80

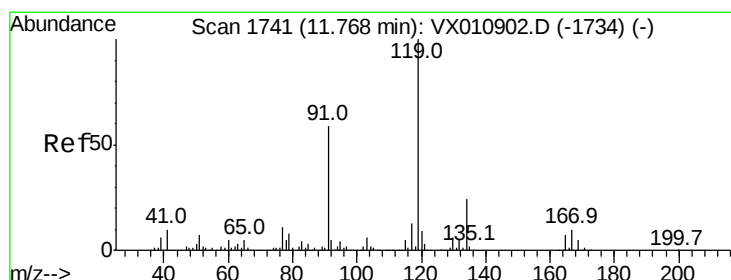
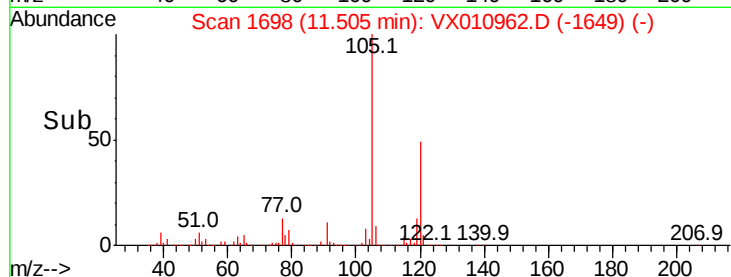
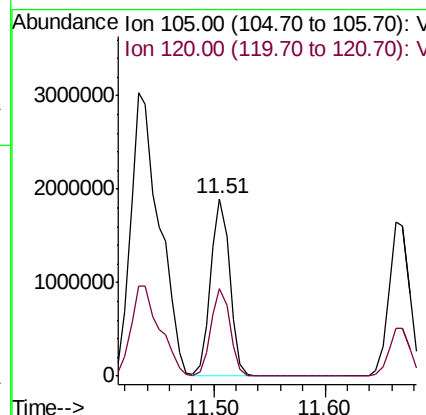
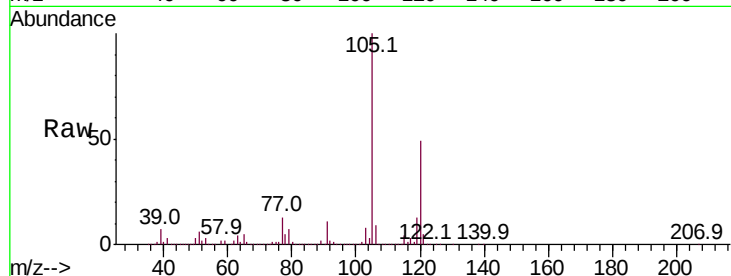
1,3,5-Trimethylbenzene
Concen: 216.542 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0609

Tot Ion:105 Resp: 2271747
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

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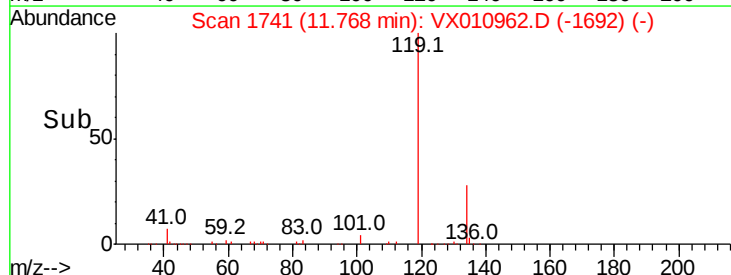
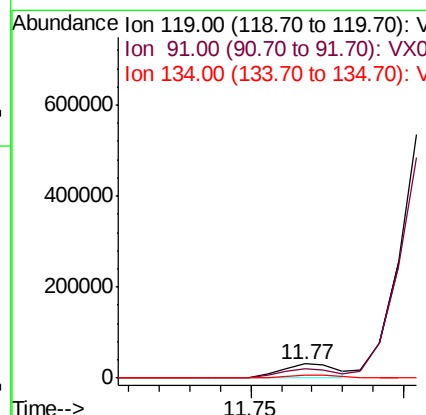
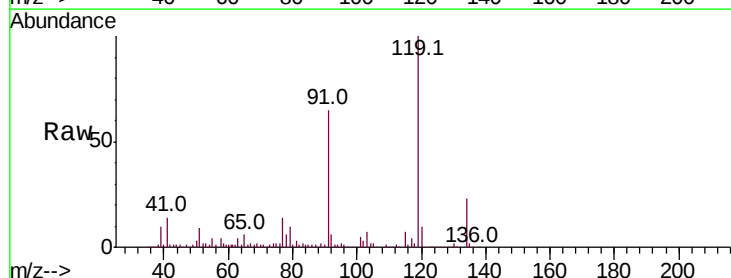
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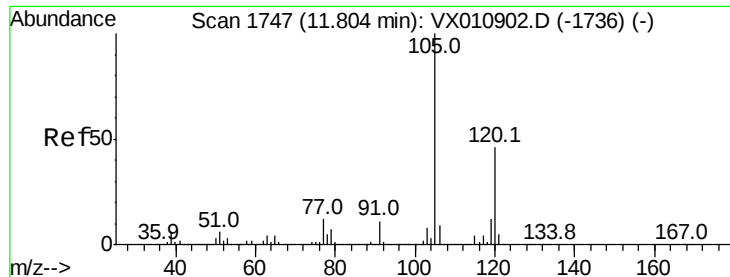


#83

tert-Butylbenzene
Concen: 3.802 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion:119 Resp: 39177
Ion Ratio Lower Upper
119 100
91 65.3 28.6 85.8
134 24.9 11.6 34.8





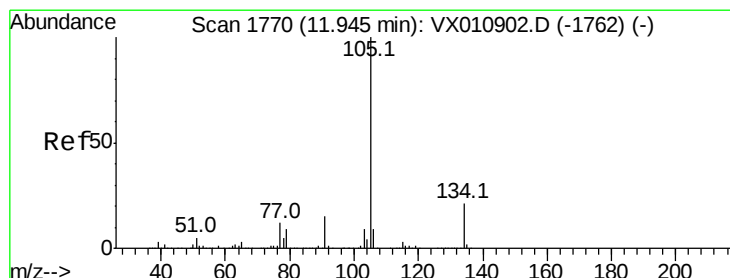
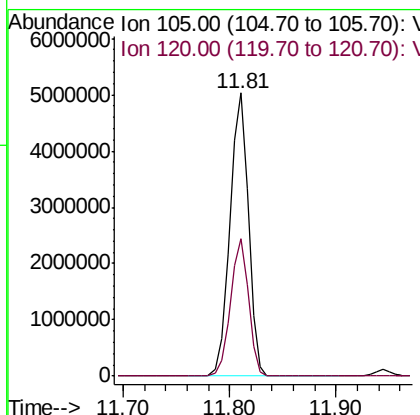
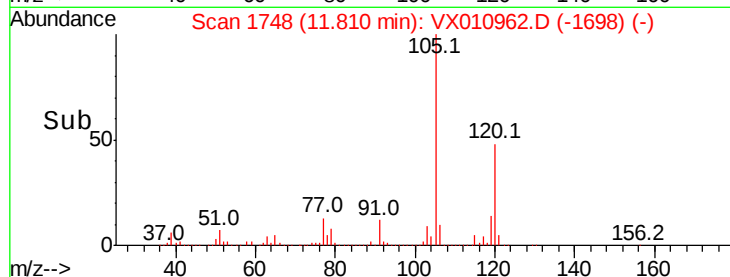
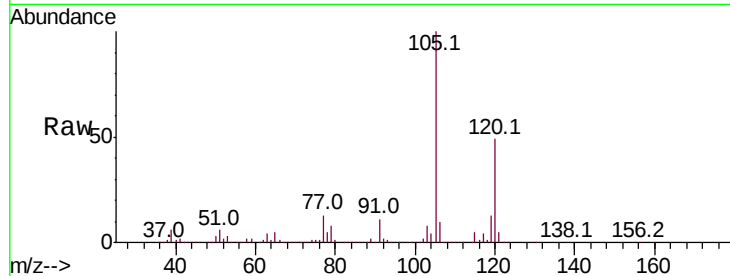
#84
1,2,4-Trimethylbenzene
Concen: 580.373 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampled :
FL-0609

Tot Ion:105 Resp: 6136822
Ion Ratio Lower Upper
105 100
120 47.4 22.9 68.5

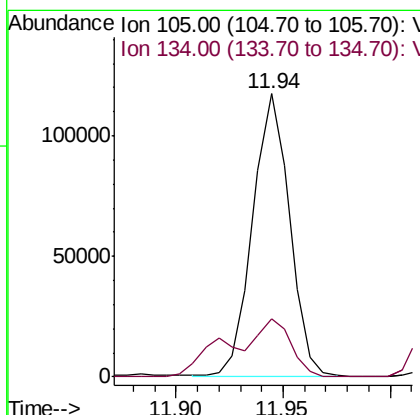
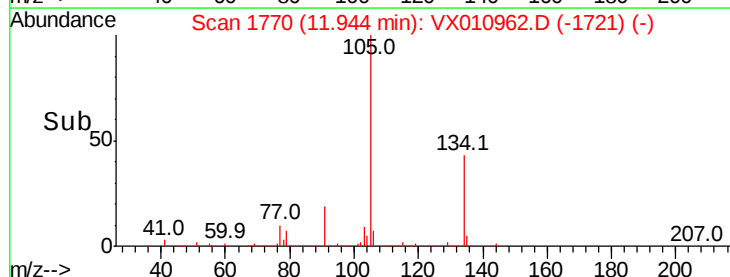
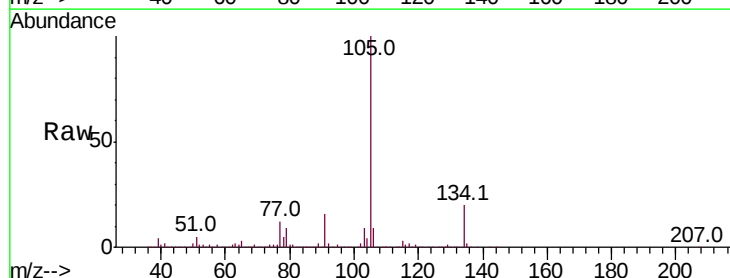
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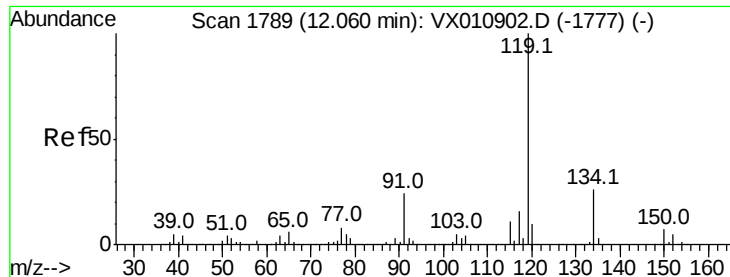
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#85
sec-Butylbenzene
Concen: 11.636 ug/l m
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion:105 Resp: 140497
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.4#





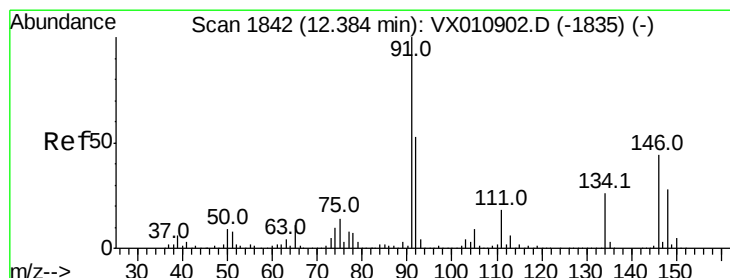
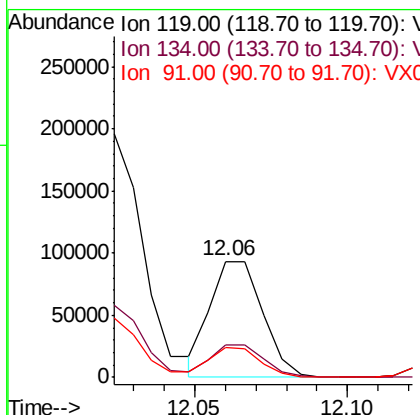
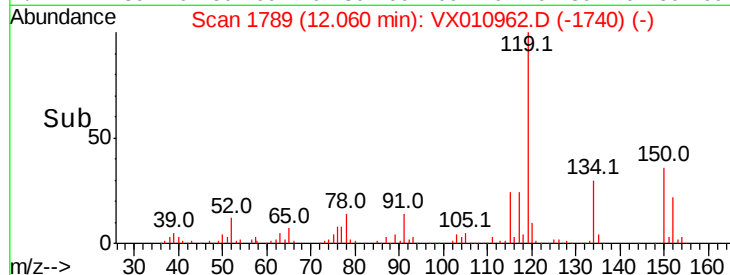
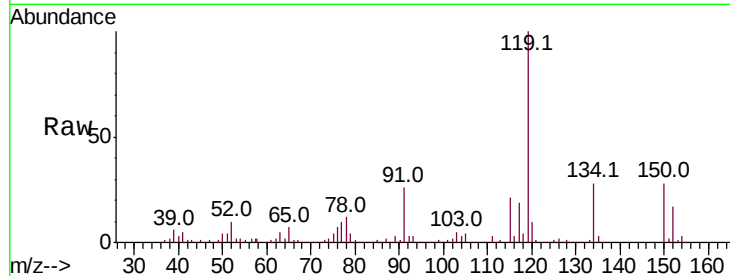
#86
p-Isopropyltoluene
Concen: 9.953 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampled :
FL-0609

Tot Ion	Ratio	Resp	Lower	Upper
119	100	111105		
134	28.4	13.4	40.1	
91	26.2	11.8	35.4	

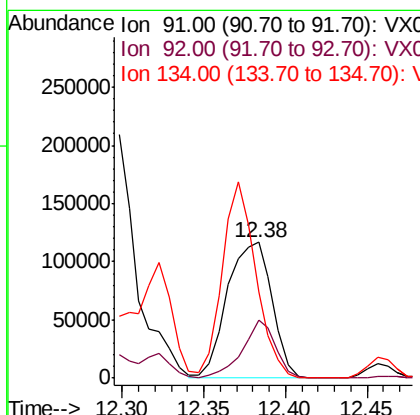
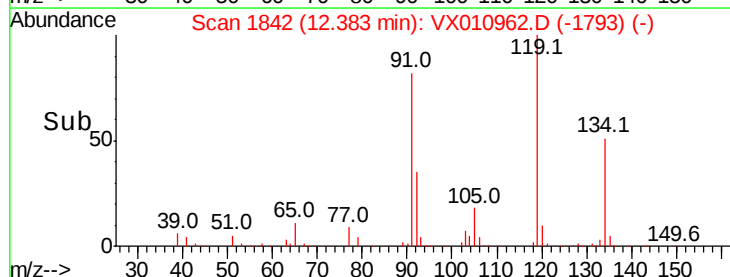
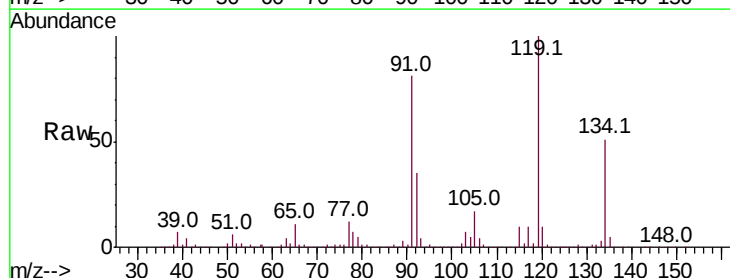
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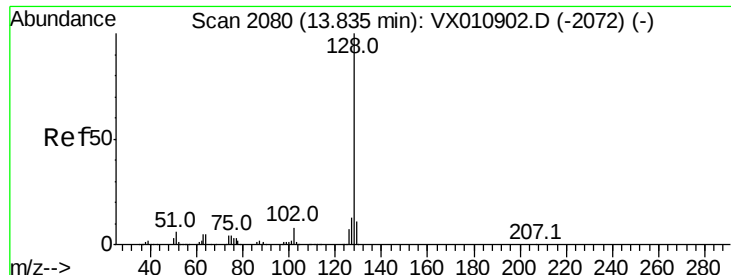
MMDadoda
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#89
n-Butylbenzene
Concen: 23.236 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	221906		
92	31.5	26.2	78.5	
134	108.5	13.8	41.3#	





#95
Naphthalene
Concen: 290.390 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX010962.D
Acq: 18 Jul 2019 16:32

Instrument :
MSVOA_X
ClientSampleId :
FL-0609

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
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