

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010675.D
 Acq On : 04 Jul 2019 08:15
 Operator : JC/SP
 Sample : K3664-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0580

Manual Integrations
 APPROVED

MMDadoda
 7/8/2019 10:58:38 AM

Quant Time: Jul 05 02:30:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	376287	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166839	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	119289	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.50	113	113299	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.71	98	453354	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.13	95	155514	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	1914	1.678	ug/l #	78
31) Cyclohexane	5.58	56	44766	13.619	ug/l	93
39) Methylcyclohexane	7.46	83	55206	14.045	ug/l	91
40) Benzene	6.15	78	19051	2.045	ug/l	91
67) Ethyl Benzene	10.25	91	160346	13.555	ug/l	98
68) m/p-Xylenes	10.36	106	64104	13.986	ug/l	99
69) o-Xylene	10.69	106	9376	2.080	ug/l	97
73) Isopropylbenzene	11.02	105	98046	8.669	ug/l	100
78) n-propylbenzene	11.36	91	143191	11.520	ug/l	98
83) tert-Butylbenzene	11.77	119	4657m	0.498	ug/l	
84) 1,2,4-Trimethylbenzene	11.80	105	1490730	159.145	ug/l	99
85) sec-Butylbenzene	11.94	105	33419m	3.042	ug/l	
86) p-Isopropyltoluene	12.06	119	10154m	0.999	ug/l	
89) n-Butylbenzene	12.38	91	11497m	1.331	ug/l	
95) Naphthalene	13.83	128	290101	24.847	ug/l	98

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

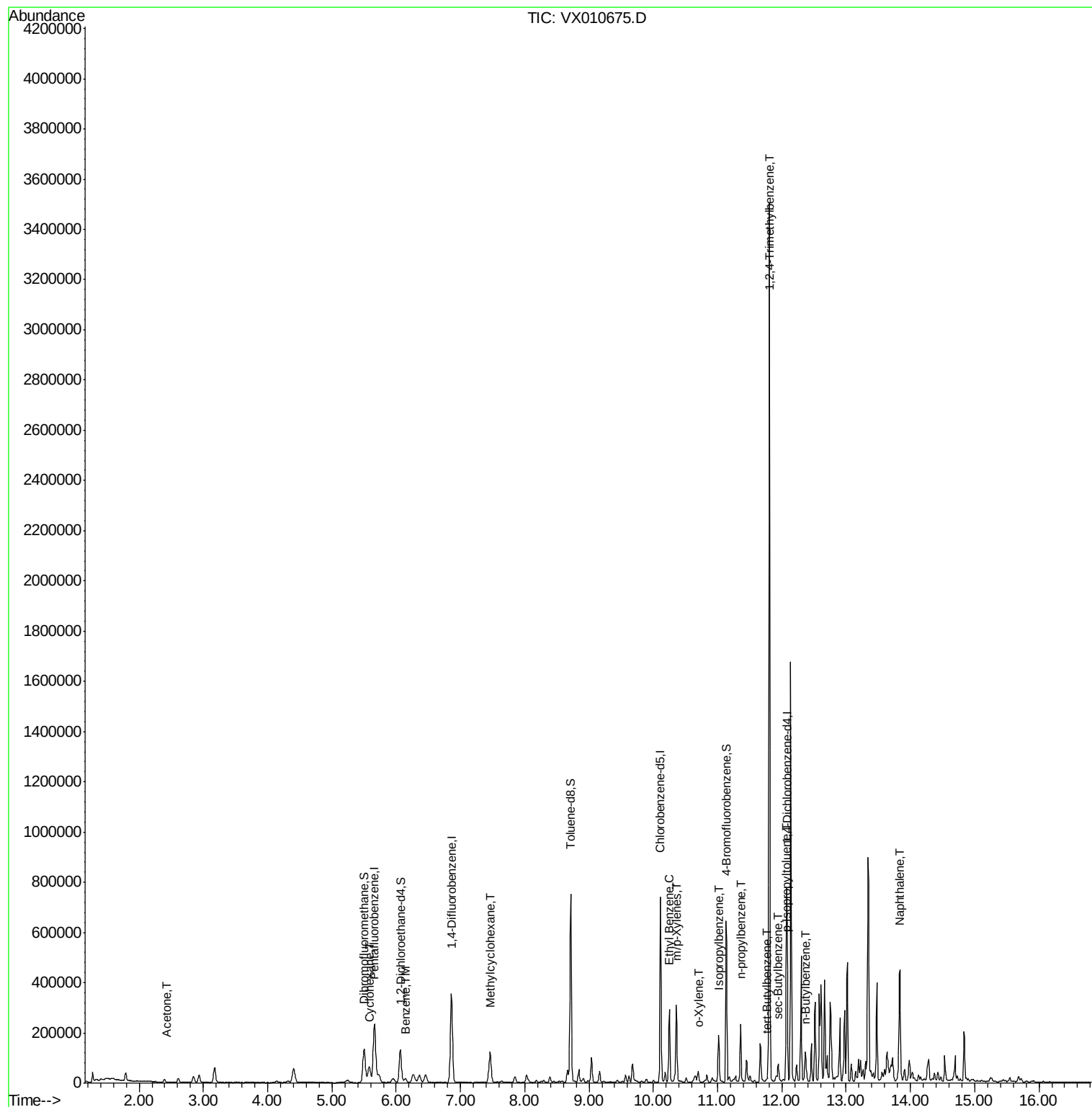
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070319\
Data File : VX010675.D
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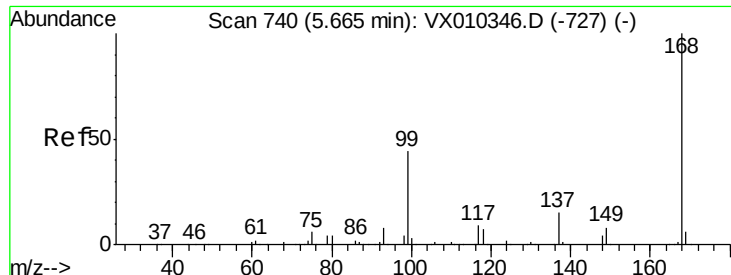
Instrument :
MSVOA_X
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tot Ion:168 Resp: 242704

Ion Ratio Lower Upper

168 100

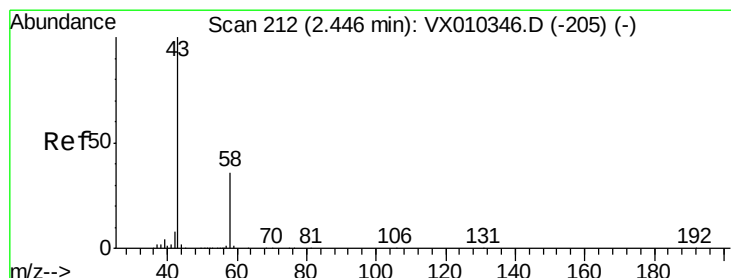
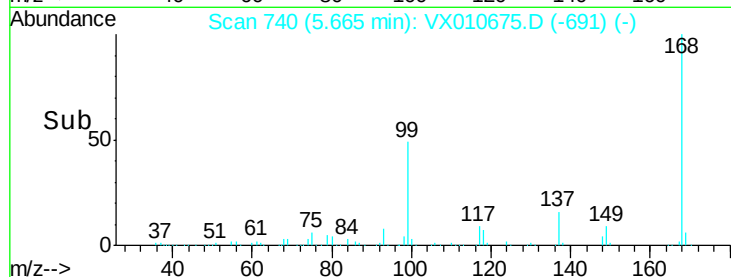
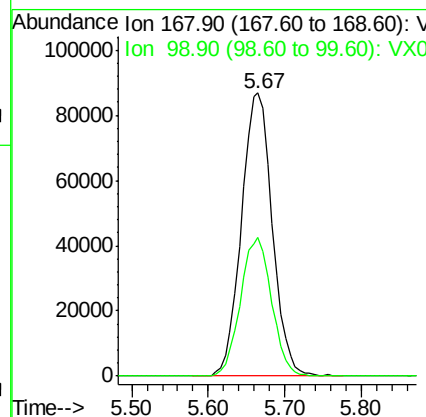
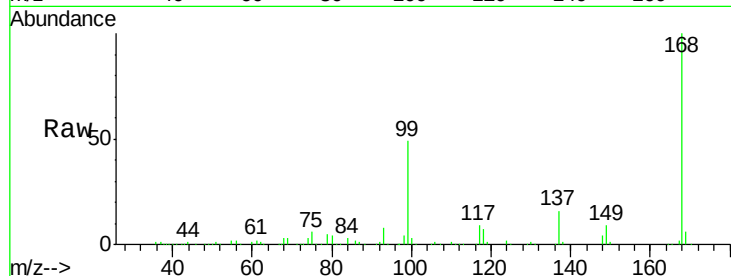
99 48.8 35.5 53.3

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#16

Acetone

Concen: 1.678 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010675.D

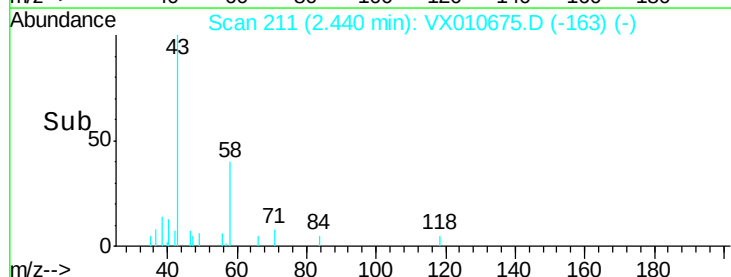
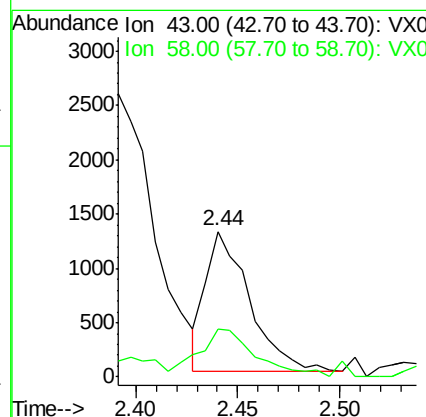
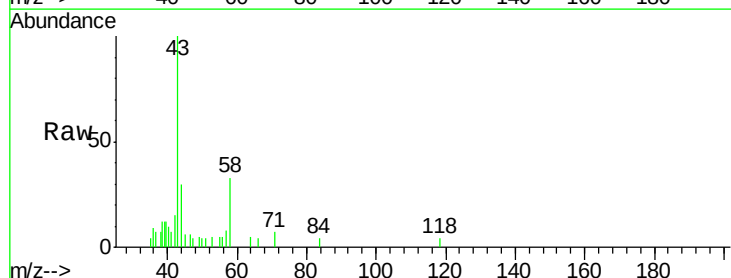
Acq: 04 Jul 2019 08:15

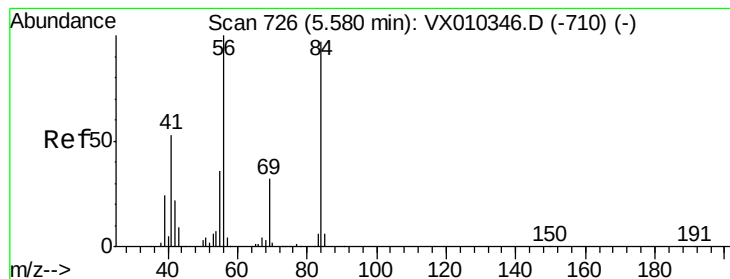
Tgt Ion: 43 Resp: 1914

Ion Ratio Lower Upper

43 100

58 23.0 28.9 43.3#





#31

Cyclohexane

Concen: 13.619 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

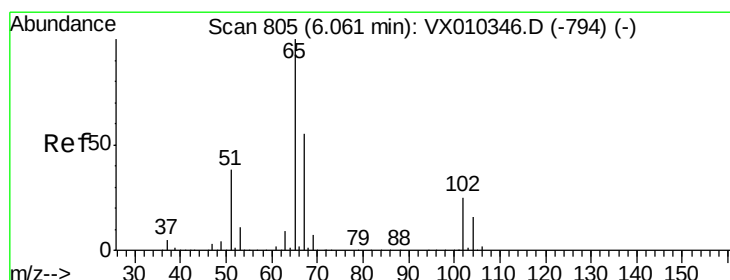
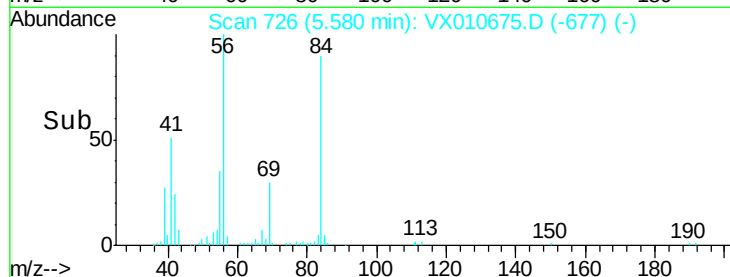
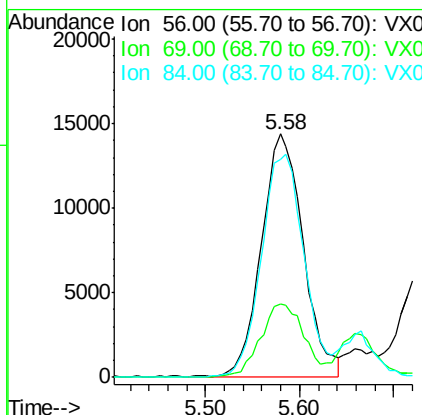
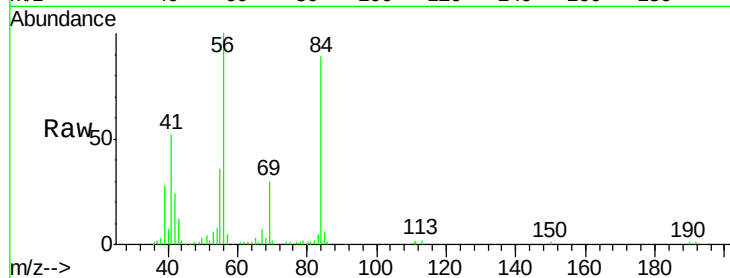
ClientSampleId :

FL-0580

Tot Ion:	56	Resp:	44766
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.9	38.9
84	89.8	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 52.421 ug/l

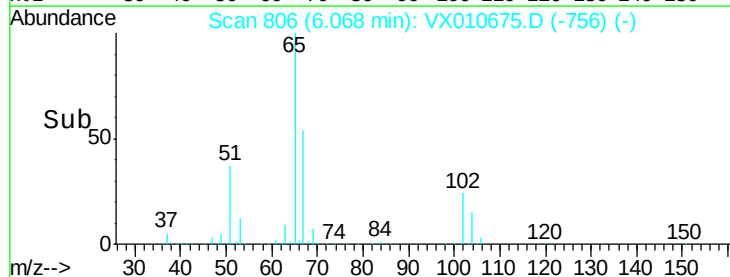
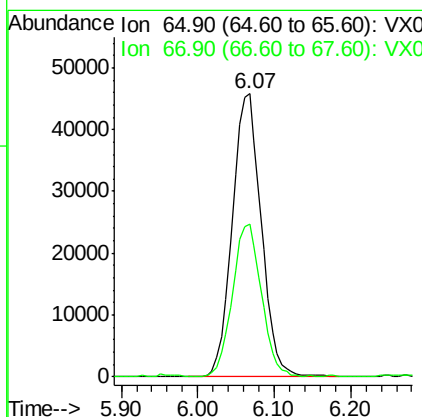
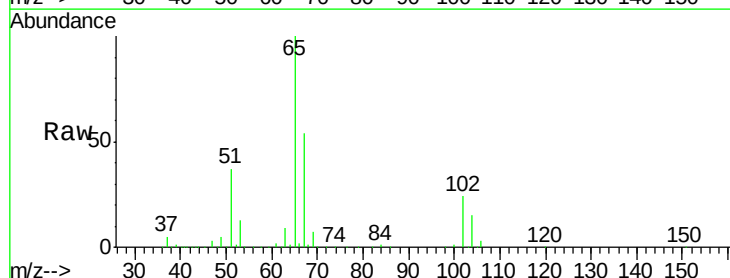
RT: 6.07 min Scan# 806

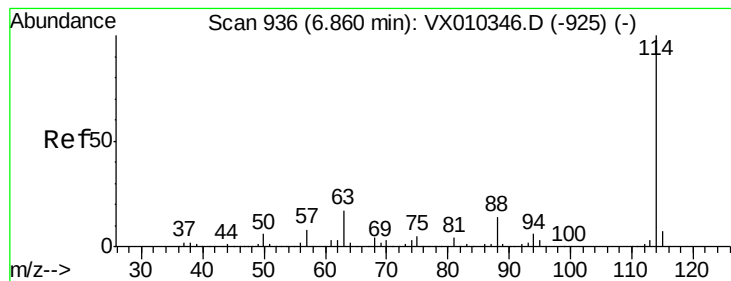
Delta R.T. 0.01 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Tgt Ion:	65	Resp:	119289
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

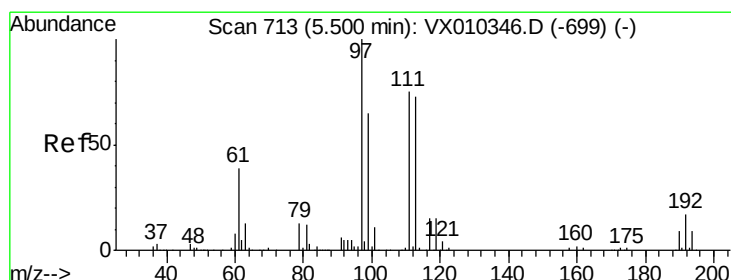
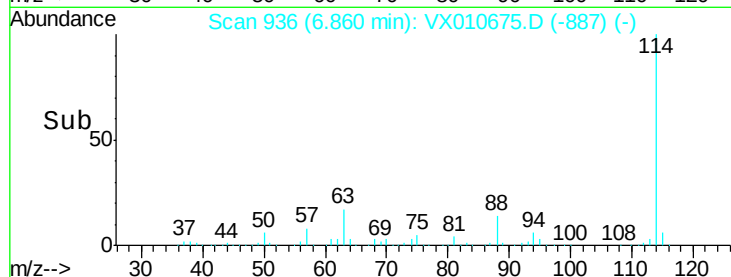
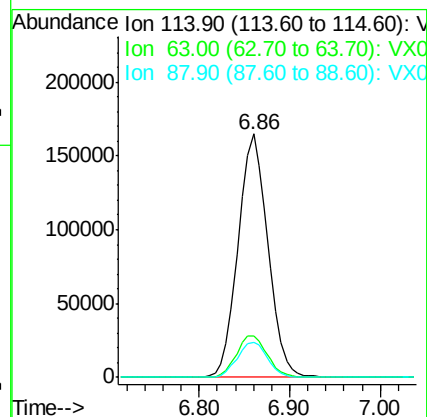
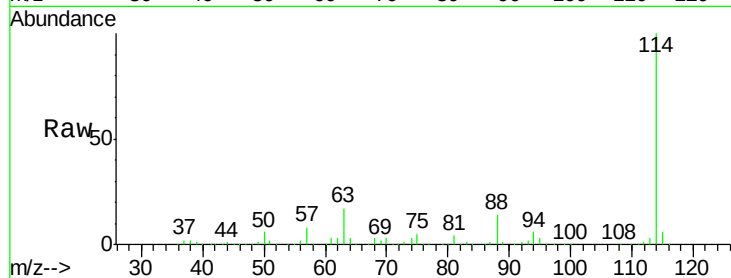
ClientSampleId :

FL-0580

Tot Ion:	114	Resp:	376287
Ion Ratio	Lower	Upper	
114	100		
63	16.8	0.0	33.8
88	14.4	0.0	27.6

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#35

Dibromofluoromethane

Concen: 49.212 ug/l

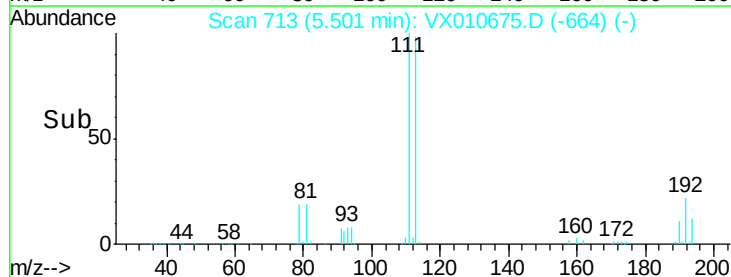
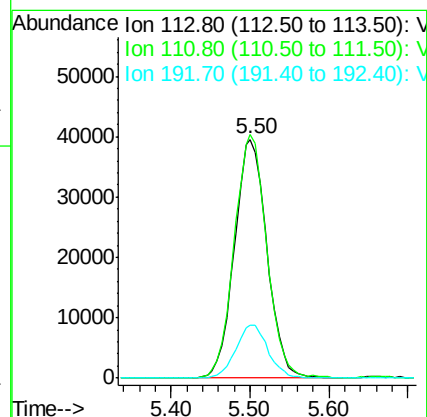
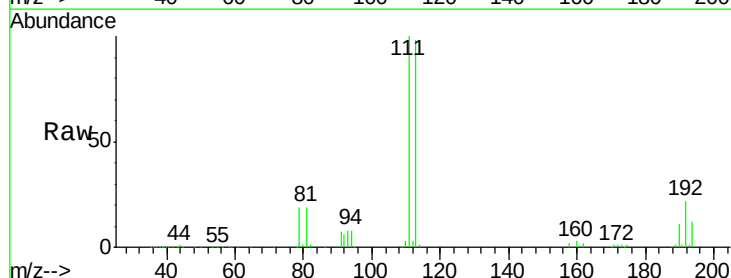
RT: 5.50 min Scan# 713

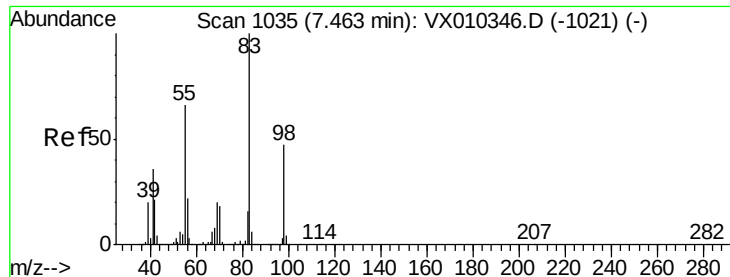
Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Tgt Ion:	113	Resp:	113299
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.2	121.8
192	22.1	18.6	27.8





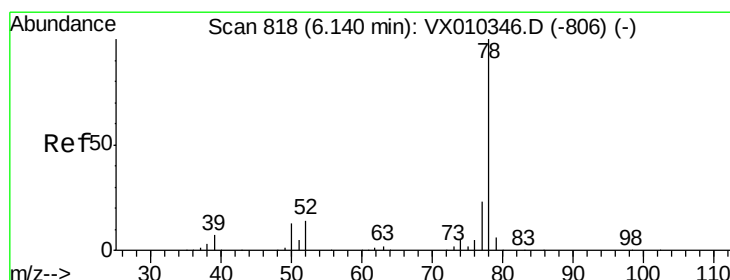
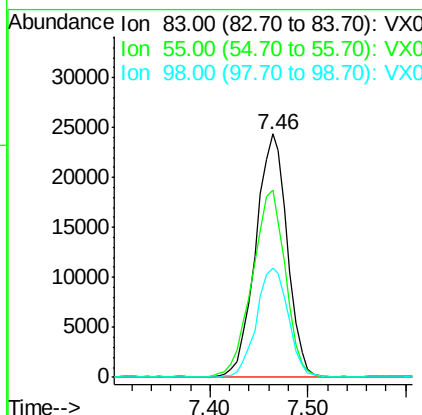
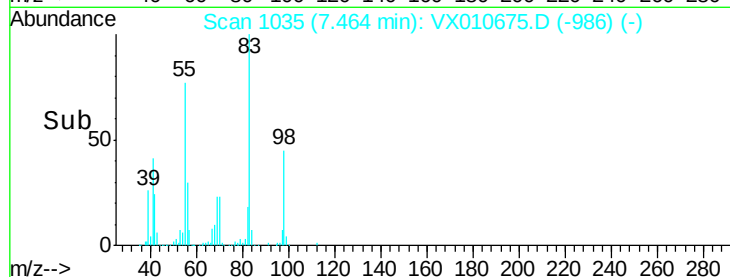
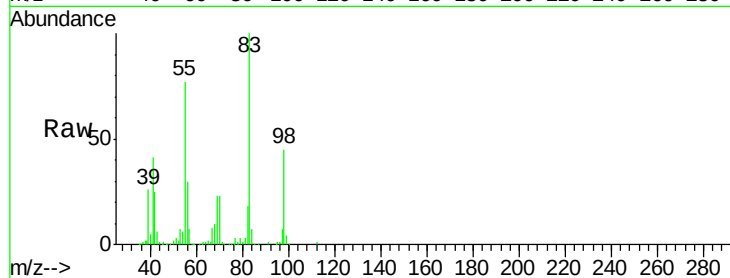
#39
Methylvlcyclohexane
Concen: 14.045 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampled :
FL-0580

Tot Ion	83	Resp	55206
Ion	Ratio	Lower	Upper
83	100		
55	77.0	53.0	79.6
98	45.1	37.8	56.8

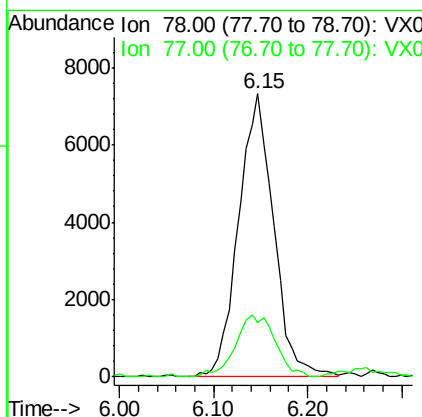
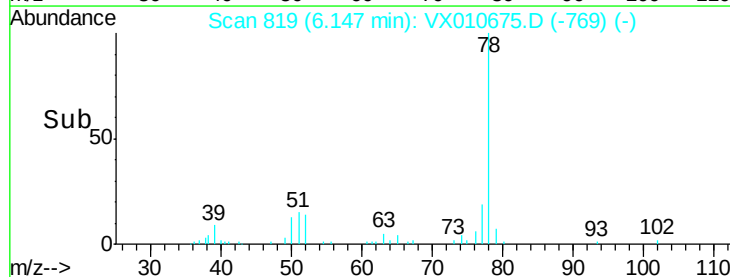
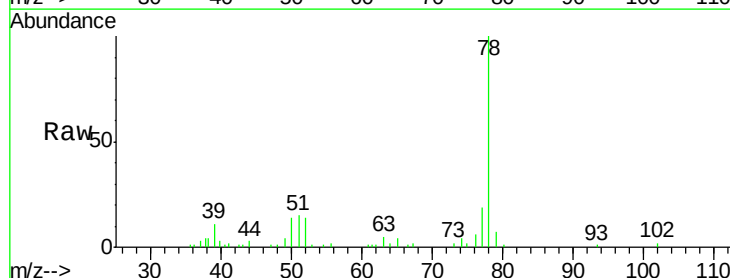
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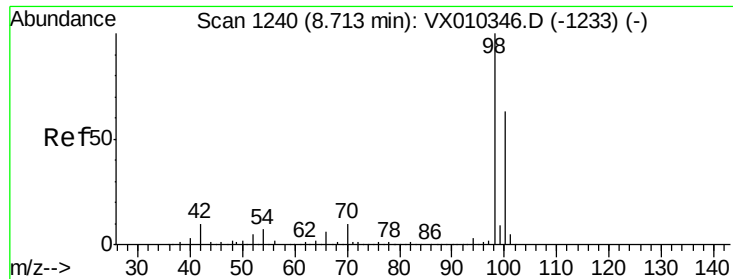
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#40
Benzene
Concen: 2.045 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion	78	Resp	19051
Ion	Ratio	Lower	Upper
78	100		
77	19.1	18.6	28.0





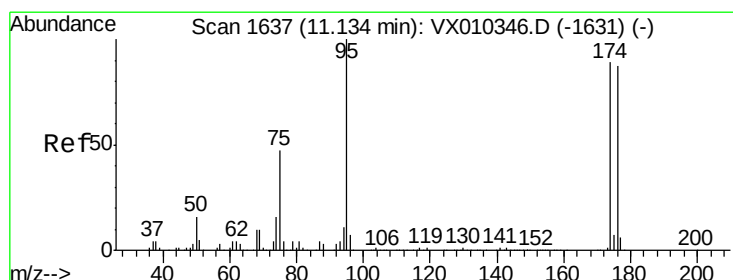
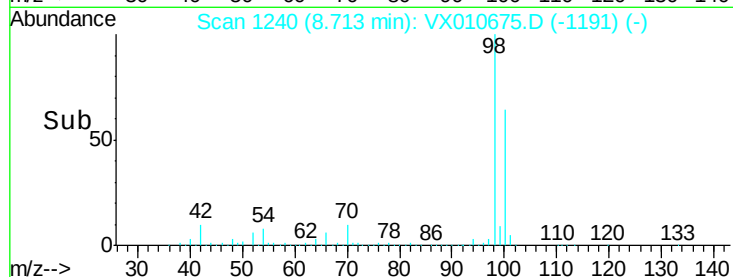
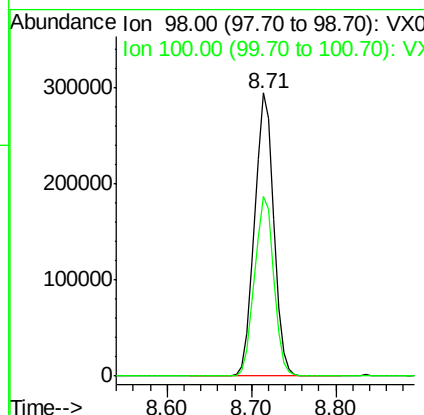
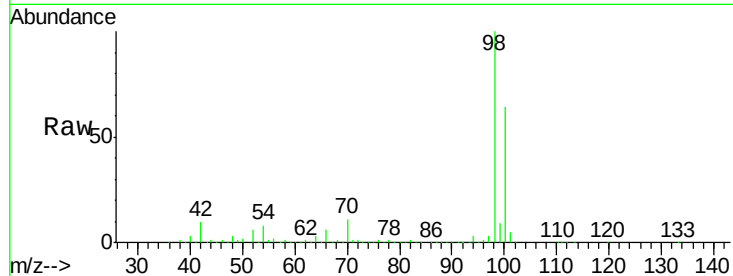
#50
Toluene-d8
Concen: 51.471 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion: 98 Resp: 453354
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

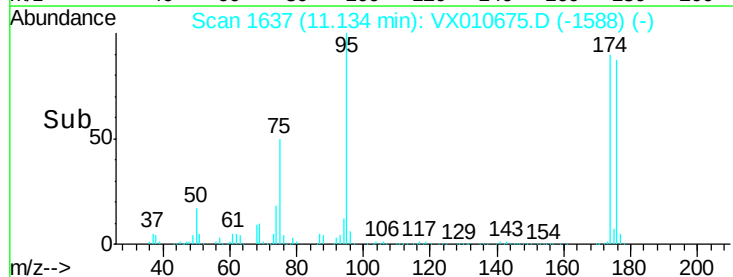
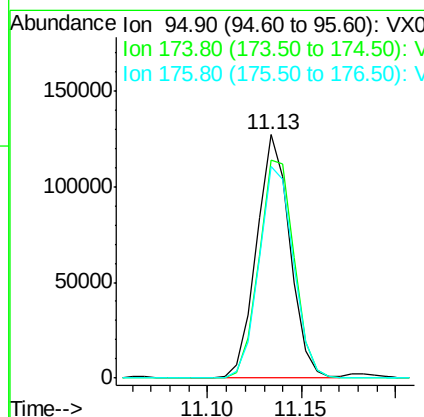
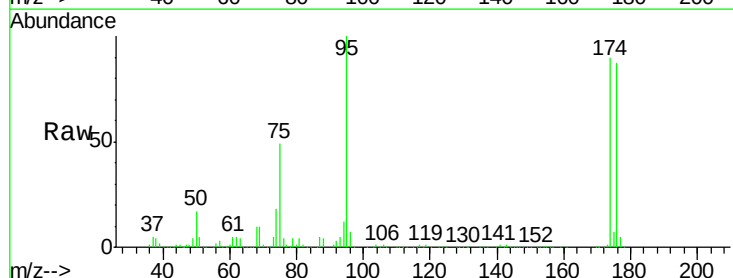
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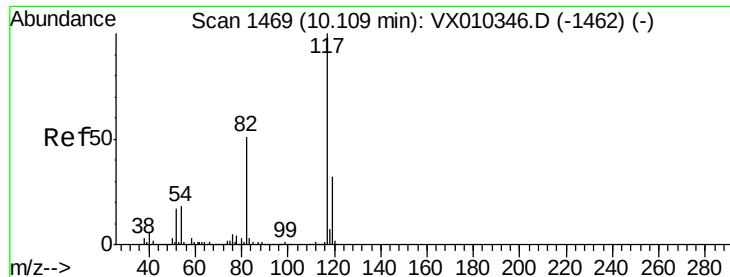
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#62
4-Bromofluorobenzene
Concen: 48.905 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion: 95 Resp: 155514
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.6
176 90.3 0.0 184.0





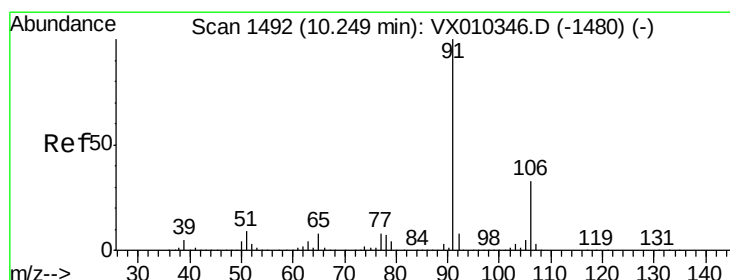
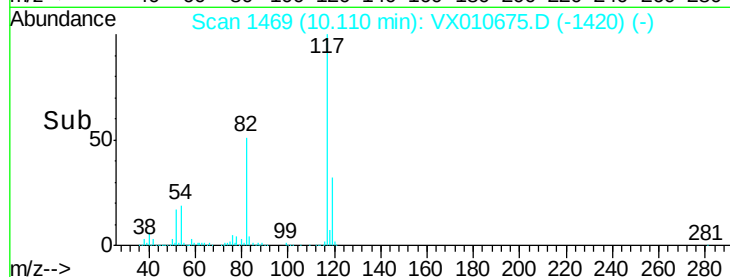
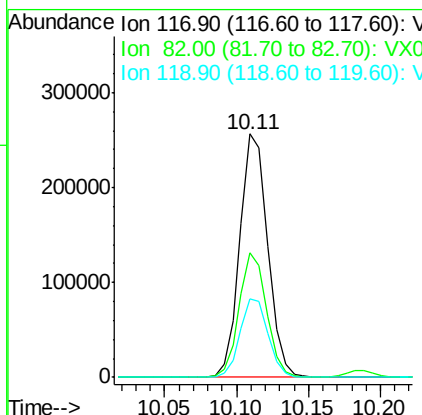
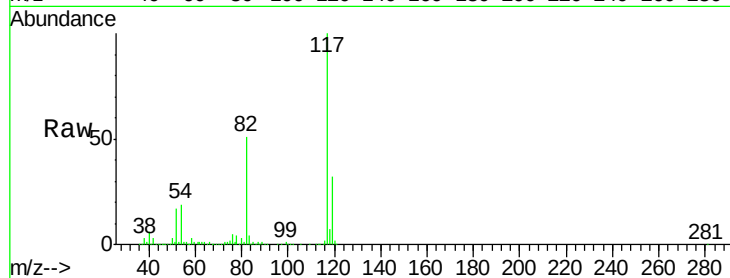
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.2	61.8
119	32.2	25.5	38.3

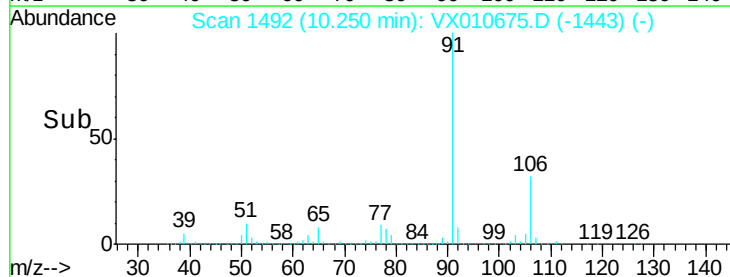
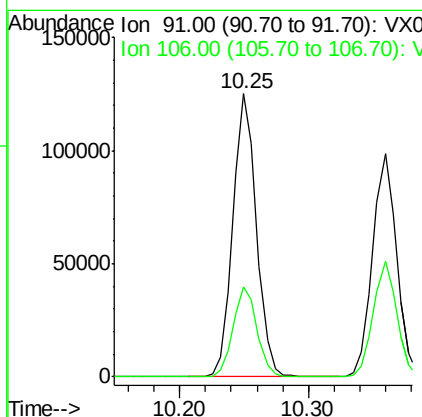
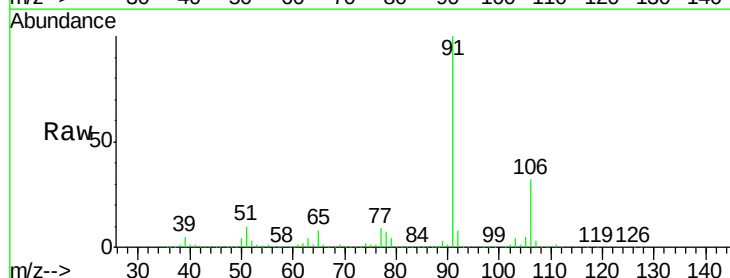
Manual Integrations
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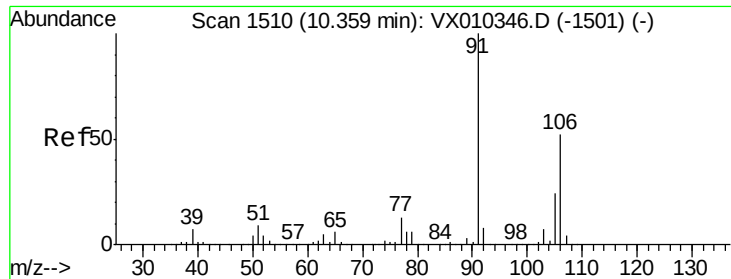
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#67
Ethyl Benzene
Concen: 13.555 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.6	26.2	39.2





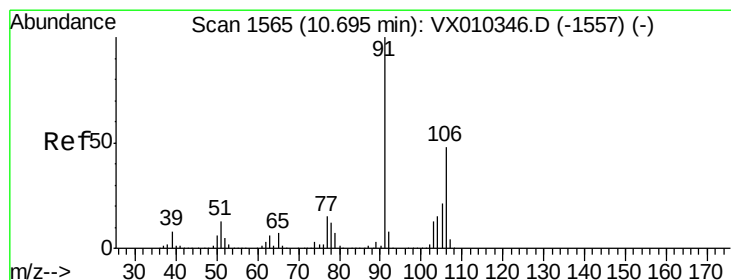
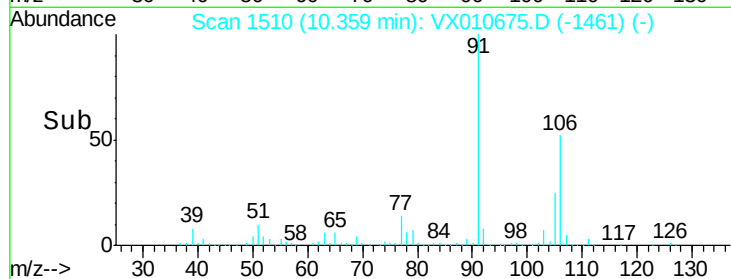
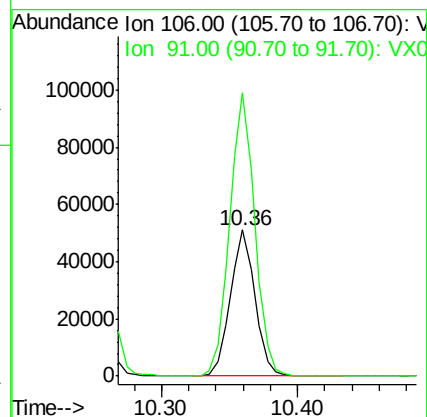
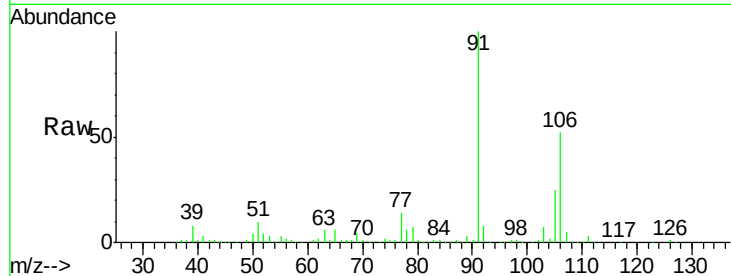
#68
m/p-Xylenes
Concen: 13.986 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampled :
FL-0580

Tot Ion:106 Resp: 64104
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

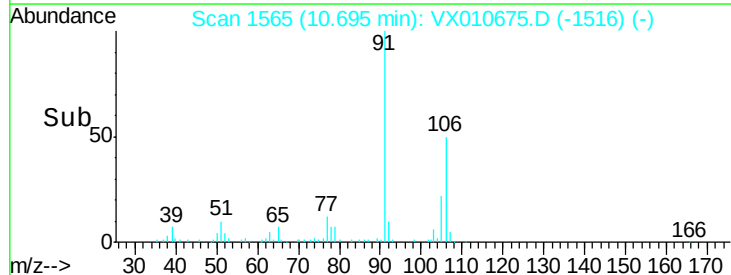
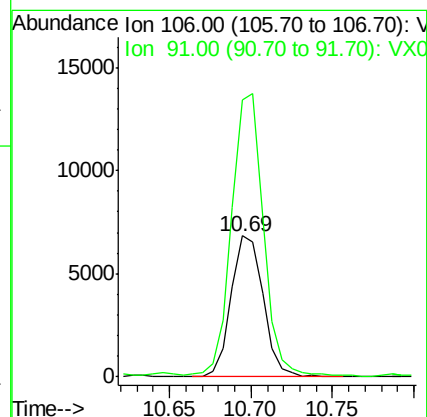
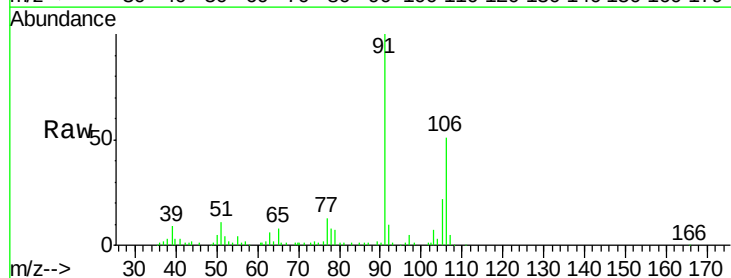
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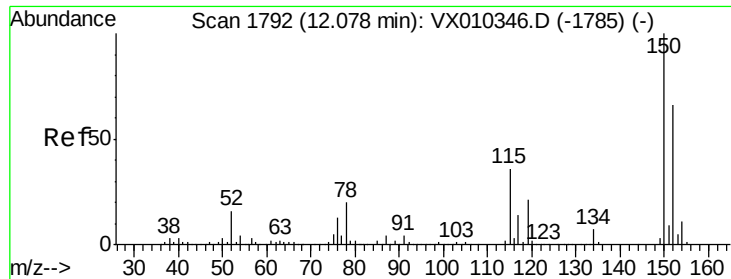
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7/8/2019 10:58:38 AM



#69
o-Xylene
Concen: 2.080 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion:106 Resp: 9376
Ion Ratio Lower Upper
106 100
91 201.2 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tot Ion:152 Resp: 166839

Ion Ratio Lower Upper

152 100

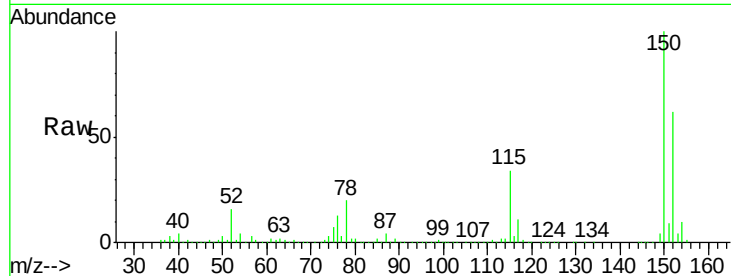
115 58.1 38.6 115.7

150 159.6 0.0 347.4

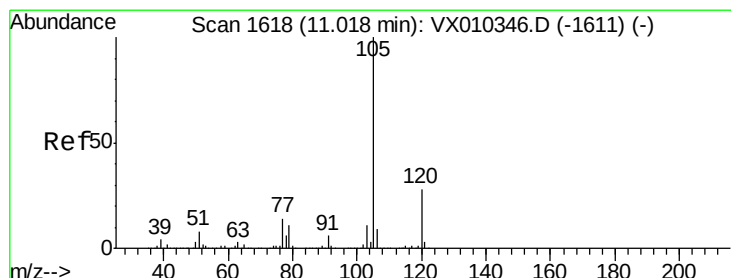
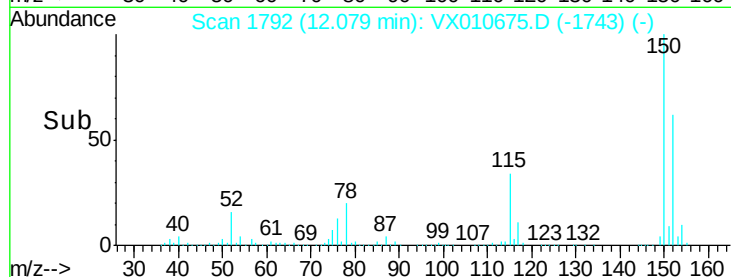
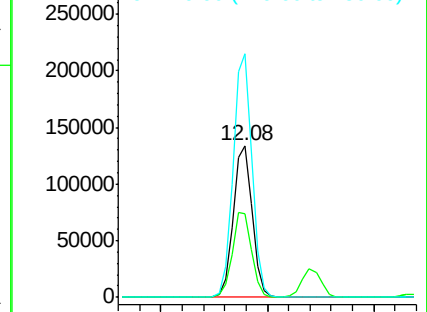
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 8.669 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010675.D

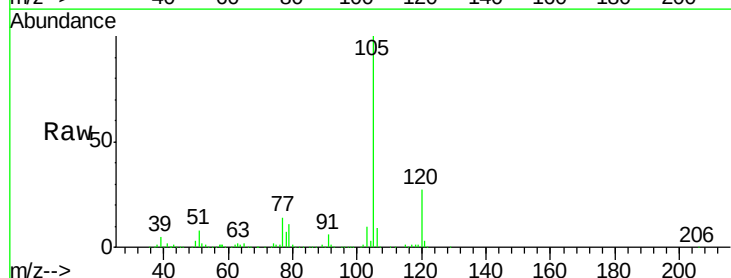
Acq: 04 Jul 2019 08:15

Tgt Ion:105 Resp: 98046

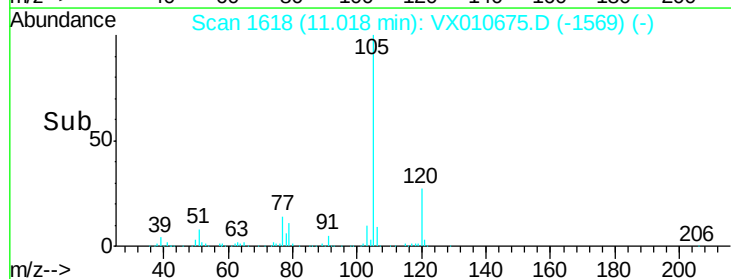
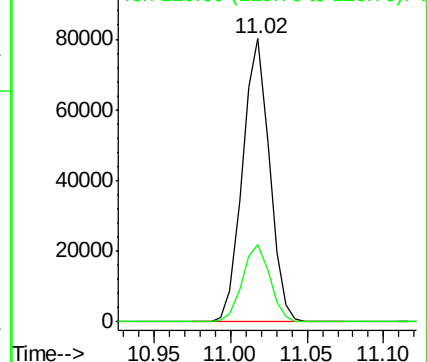
Ion Ratio Lower Upper

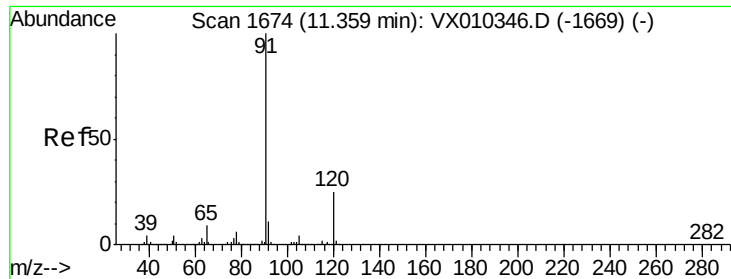
105 100

120 28.0 14.1 42.4



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





#78

n-propylbenzene

Concen: 11.520 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tot Ion: 91 Resp: 143191

Ion Ratio Lower Upper

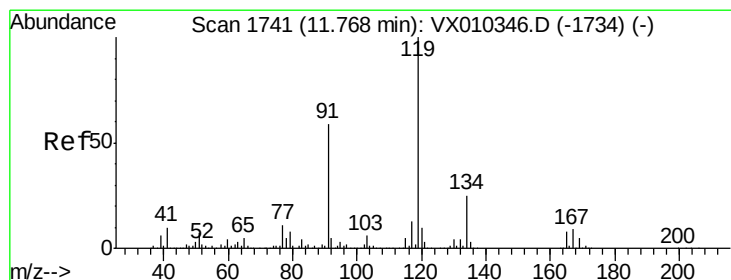
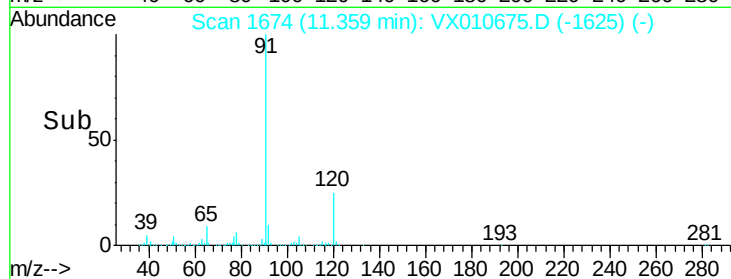
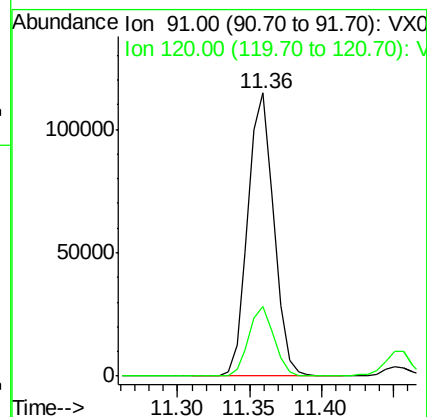
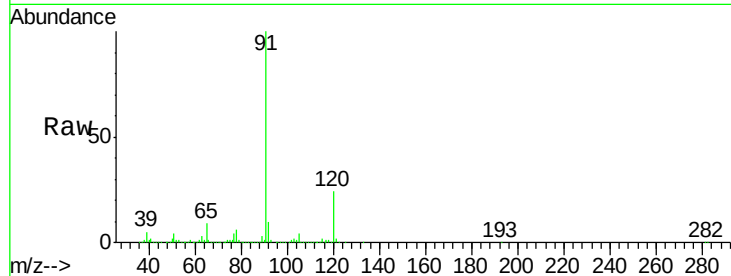
91 100

120 24.0 12.4 37.4

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#83

tert-Butylbenzene

Concen: 0.498 ug/l m

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

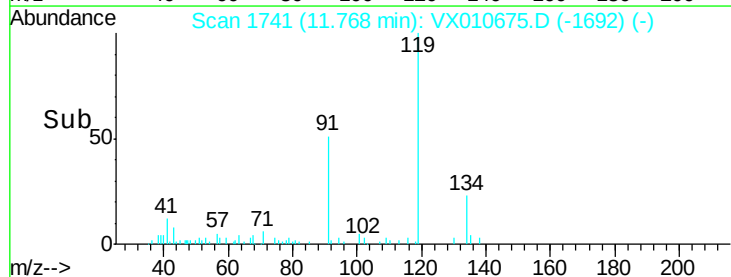
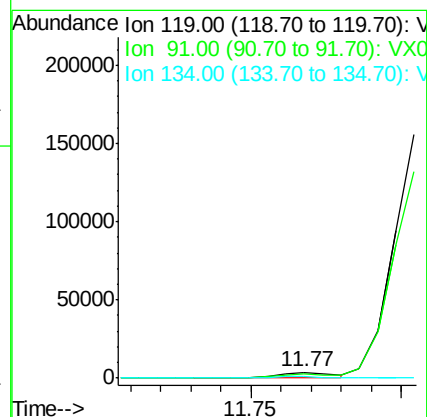
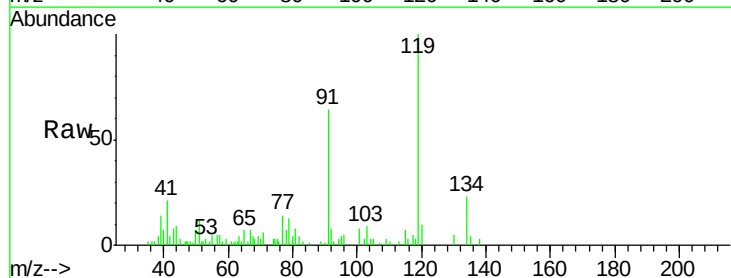
Tgt Ion: 119 Resp: 4657

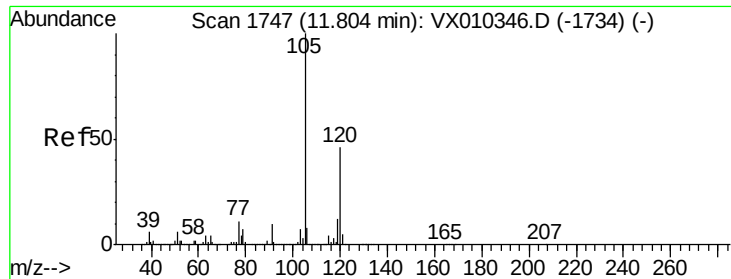
Ion Ratio Lower Upper

119 100

91 3386.0 27.6 82.7#

134 0.0 11.8 35.4#





#84

1,2,4-Trimethylbenzene

Concen: 159.145 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010675.D

Acq: 04 Jul 2019 08:15

Instrument :

MSVOA_X

ClientSampled :

FL-0580

Tot Ion:105 Resp: 1490730

Ion Ratio Lower Upper

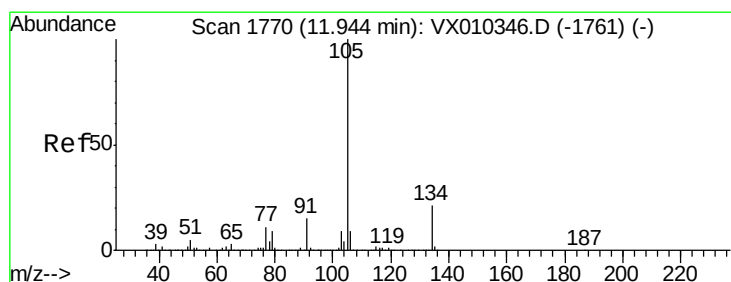
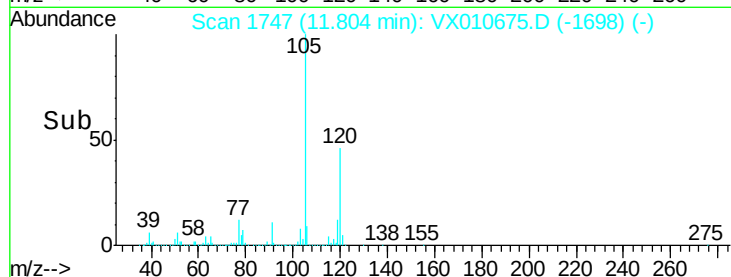
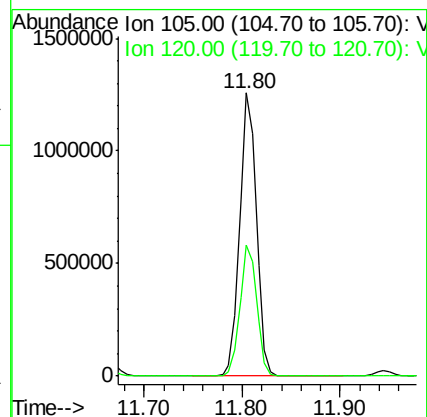
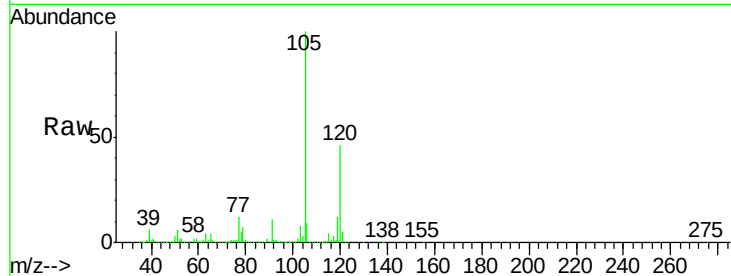
105 100

120 46.6 23.1 69.2

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#85

sec-Butylbenzene

Concen: 3.042 ug/l m

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010675.D

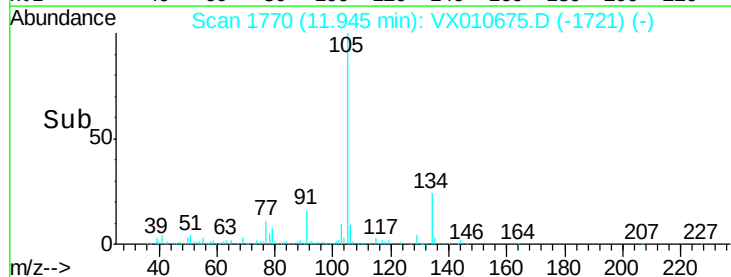
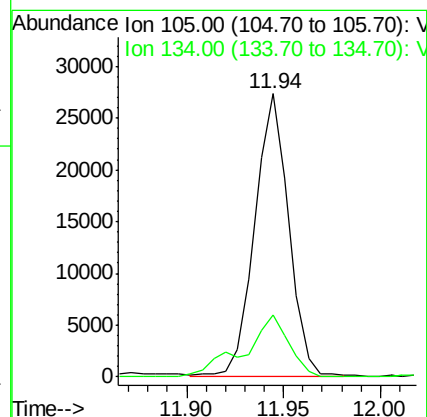
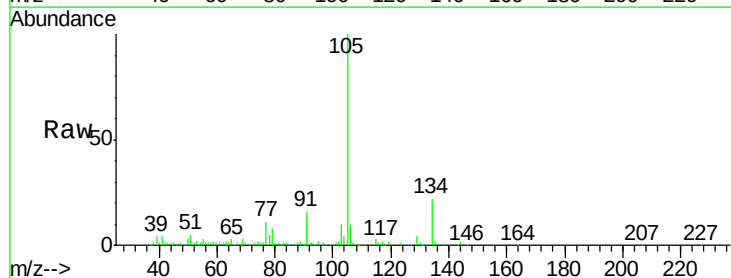
Acq: 04 Jul 2019 08:15

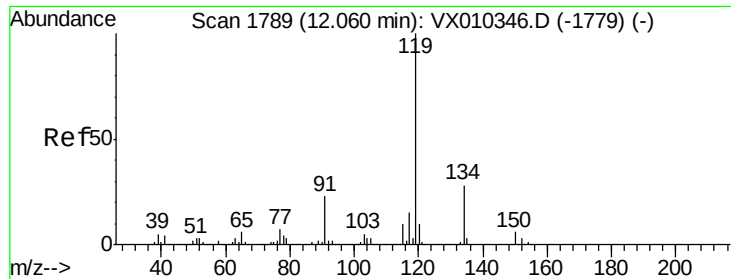
Tgt Ion:105 Resp: 33419

Ion Ratio Lower Upper

105 100

134 0.0 10.7 31.9#





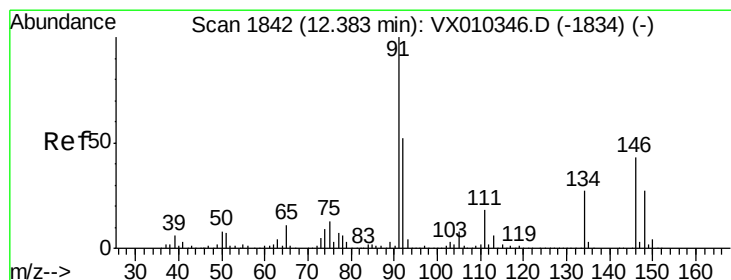
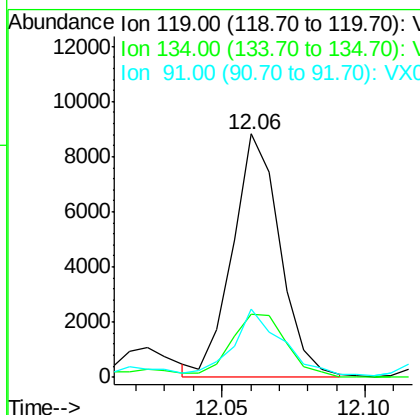
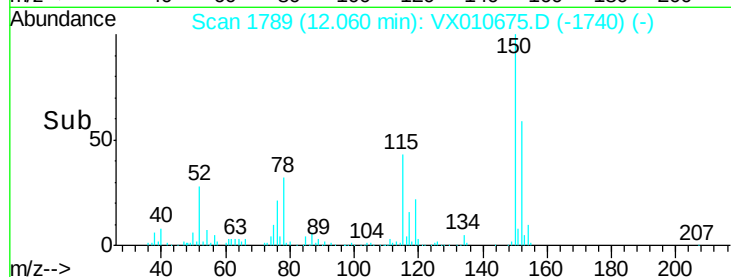
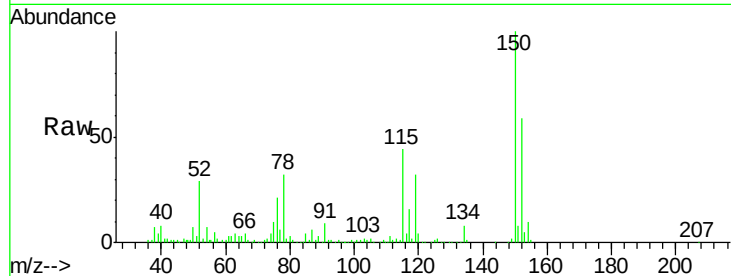
#86
p-Isopropyltoluene
Concen: 0.999 ug/l m
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion	Ratio	Resp	Lower	Upper
119	100			
134	75.5	13.7	41.1#	
91	64.5	11.3	33.8#	

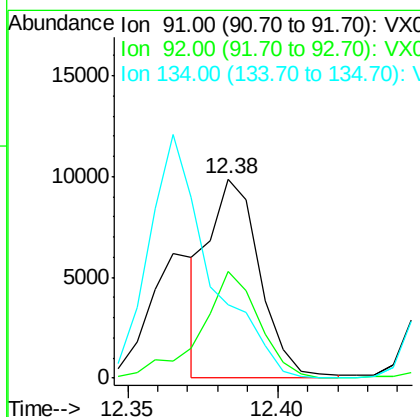
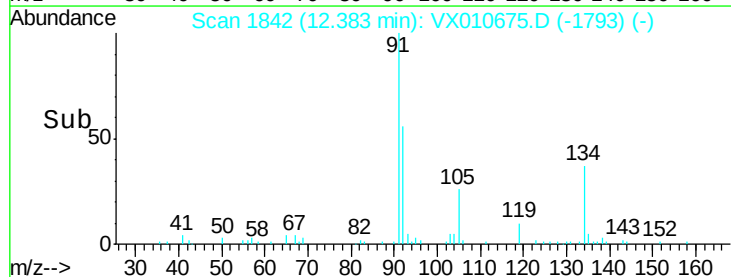
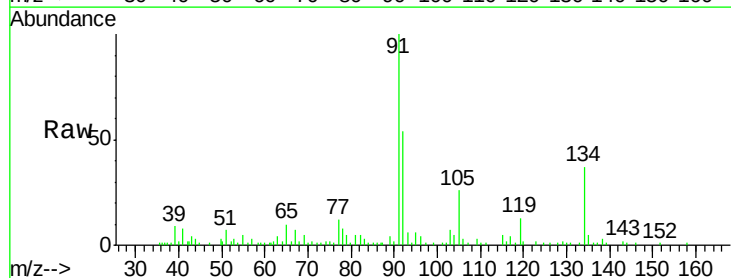
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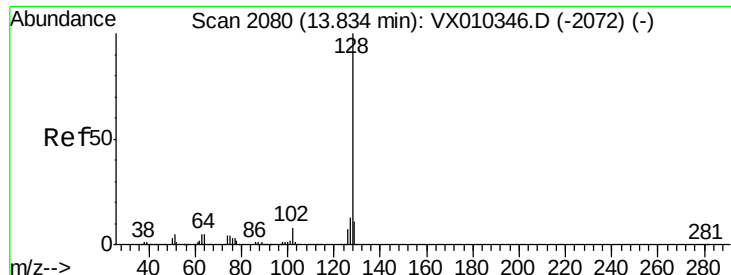
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#89
n-Butylbenzene
Concen: 1.331 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
92	62.7	26.2	78.5	
134	150.5	14.1	42.4#	





#95
Naphthalene
Concen: 24.847 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010675.D
Acq: 04 Jul 2019 08:15

Instrument :
MSVOA_X
ClientSampleId :
FL-0580

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.2	10.2	15.4
129	12.0	8.9	13.3

Manual Integrations
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