

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060419\
 Data File : VX010060.D
 Acq On : 04 Jun 2019 16:04
 Operator : JC/SP
 Sample : K3185-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 9:26:50 AM

Quant Time: Jun 05 07:57:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117808	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
35) Dibromofluoromethane	5.49	113	87940	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	8.71	98	365777	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	124742	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	5135	3.455	ug/l	99
17) Carbon Disulfide	2.58	76	7070	1.641	ug/l #	93
39) Methylcyclohexane	7.46	83	4960	1.430	ug/l	94
52) Toluene	8.78	92	2952	0.560	ug/l	100
73) Isopropylbenzene	11.02	105	4411	0.514	ug/l	95
78) n-propylbenzene	11.36	91	8845	0.895	ug/l	99
85) sec-Butylbenzene	11.94	105	7933	0.965	ug/l	88
89) n-Butylbenzene	12.38	91	5318m	0.765	ug/l	
95) Naphthalene	13.83	128	45570	5.341	ug/l #	96

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

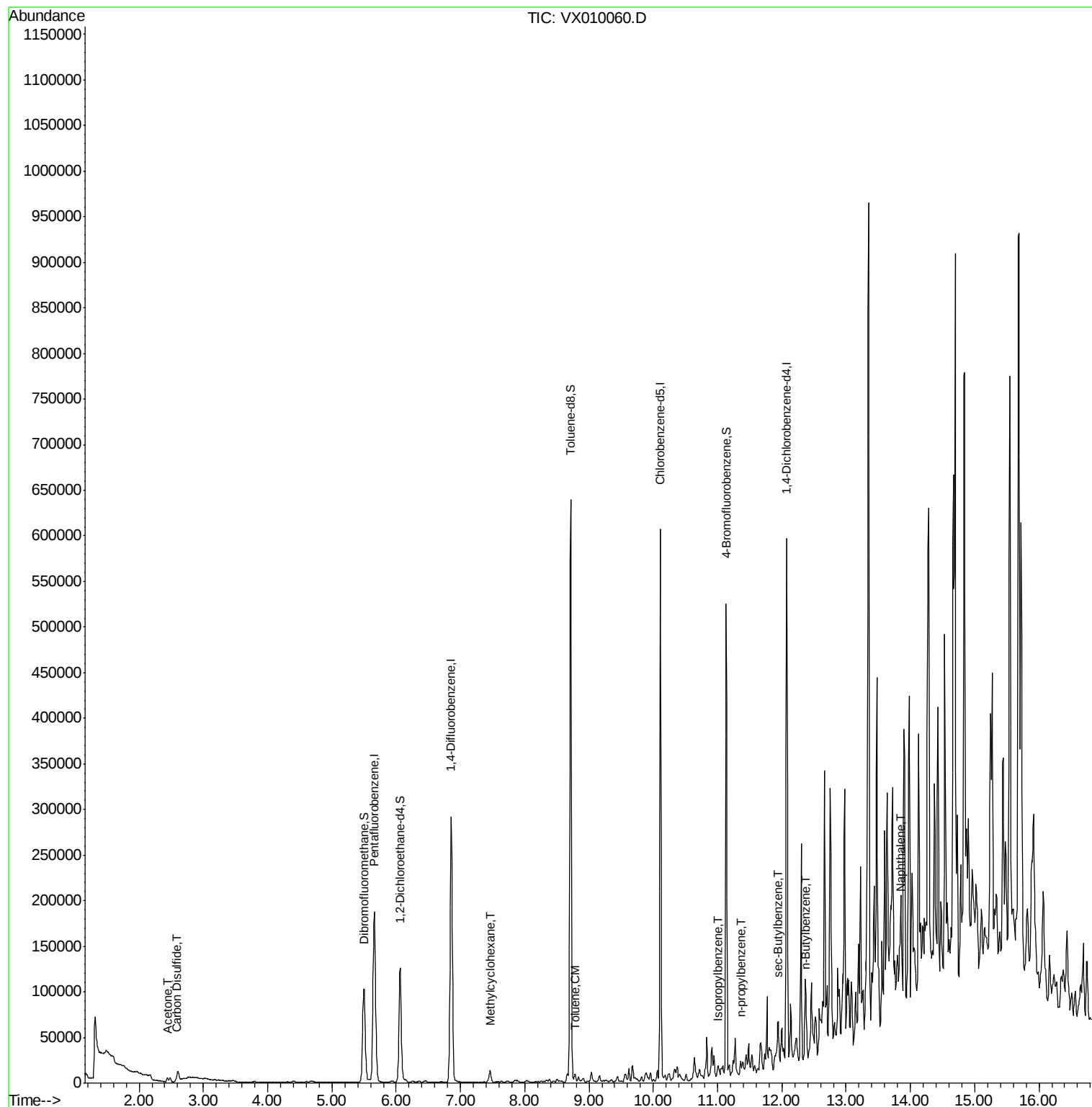
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060419\
Data File : VX010060.D
Acq On : 04 Jun 2019 16:04
Operator : JC/SP
Sample : K3185-01
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ALS Vial : 11 Sample Multiplier: 1

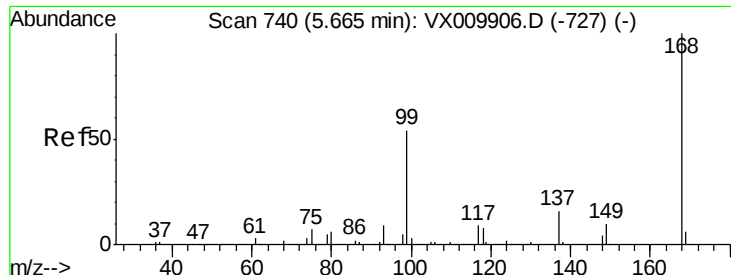
Instrument :
MSVOA_X
ClientSampleId :
MW-4

Manual Integrations
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6/5/2019 9:26:50 AM

Quant Time: Jun 05 07:57:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tot Ion:168 Resp: 182100

Ion Ratio Lower Upper

168 100

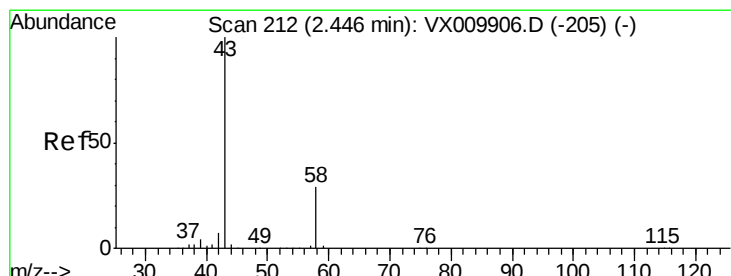
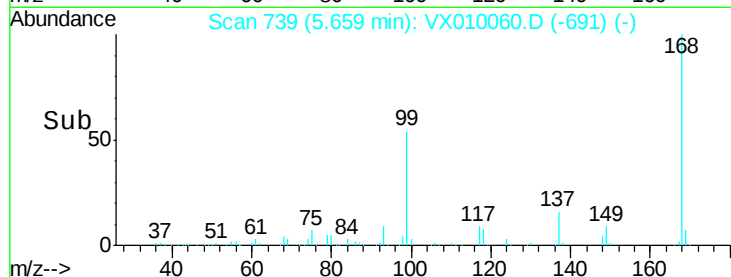
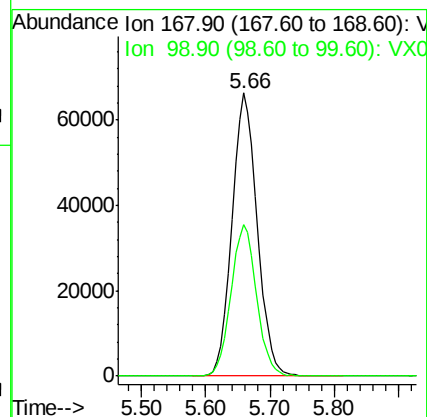
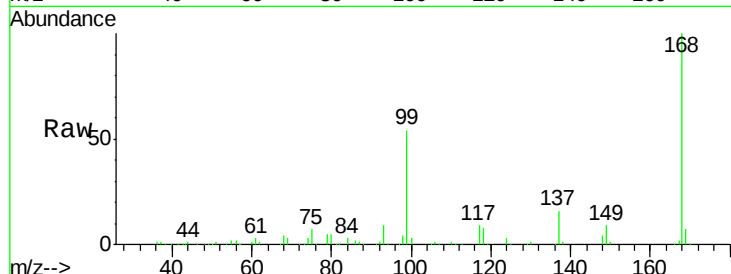
99 53.7 43.0 64.6

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#16

Acetone

Concen: 3.455 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010060.D

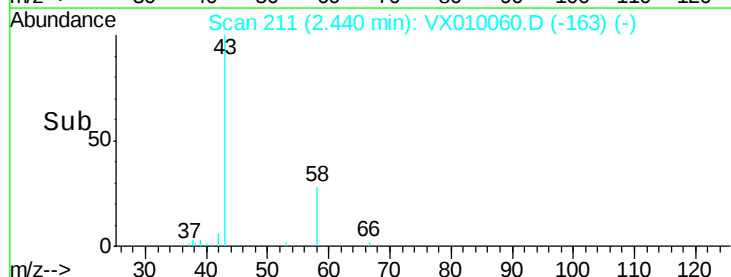
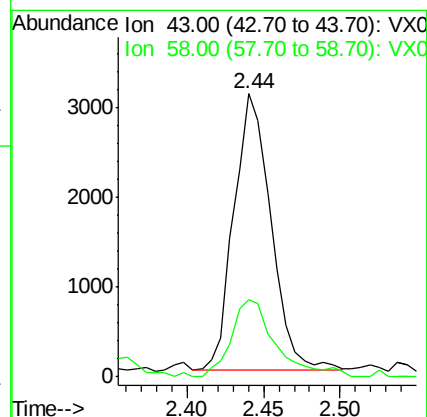
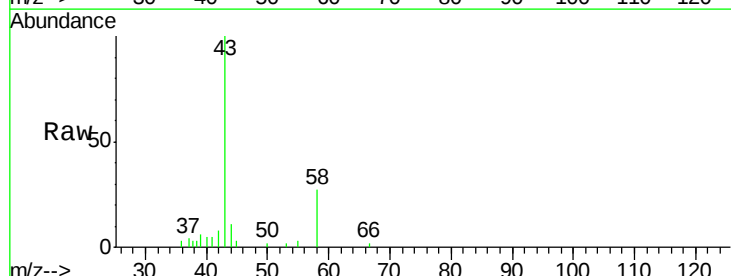
Acq: 04 Jun 2019 16:04

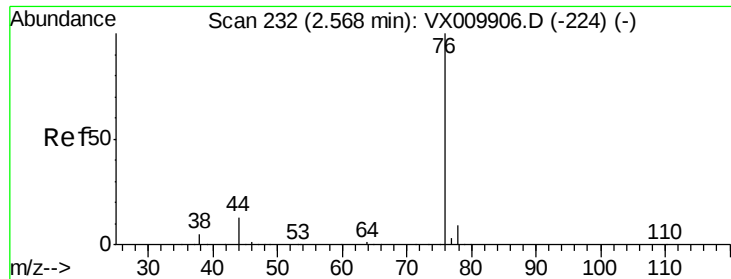
Tgt Ion: 43 Resp: 5135

Ion Ratio Lower Upper

43 100

58 28.2 23.2 34.8





#17

Carbon Disulfide

Concen: 1.641 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tot Ion: 76 Resp: 7070

Ion Ratio Lower Upper

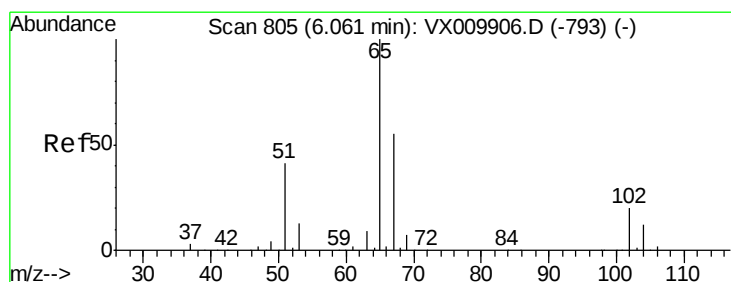
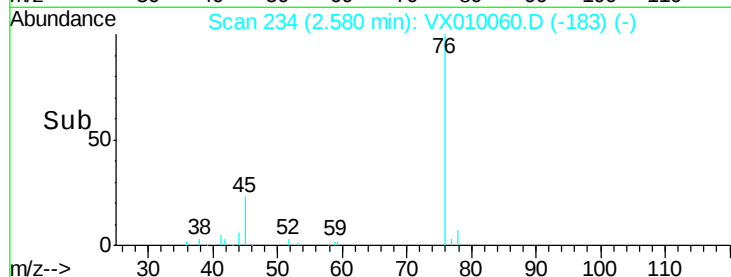
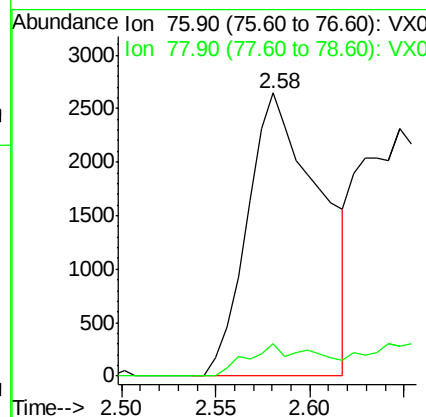
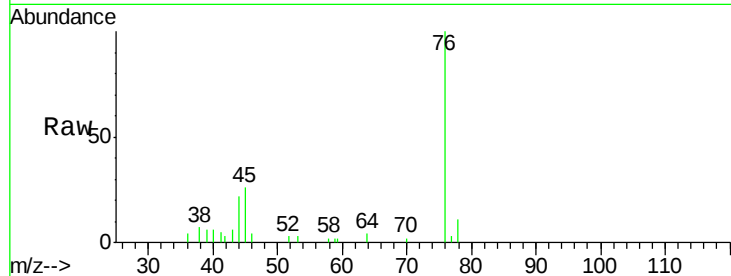
76 100

78 11.3 7.0 10.6#

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#33

1,2-Dichloroethane-d4

Concen: 45.798 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010060.D

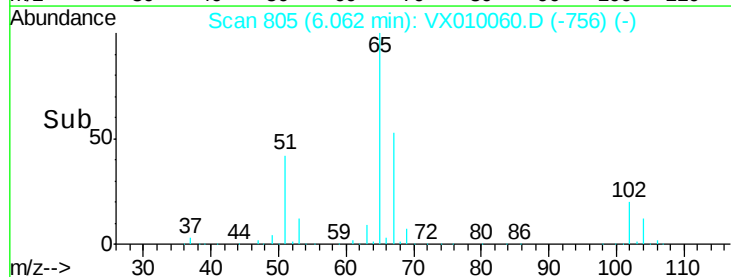
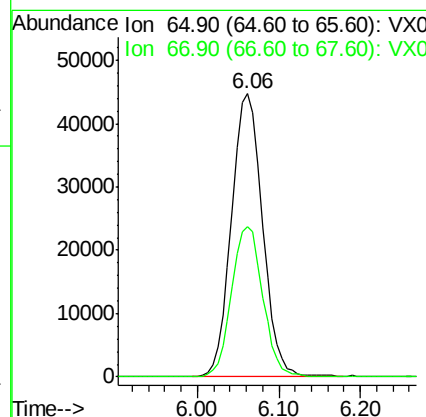
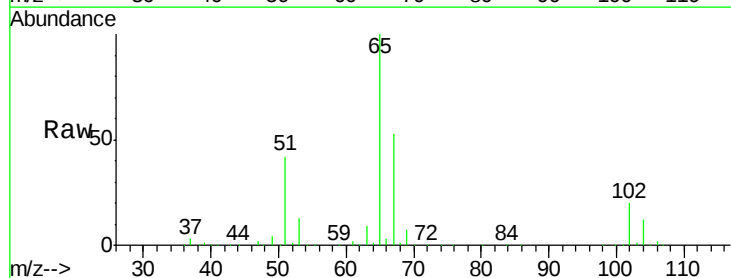
Acq: 04 Jun 2019 16:04

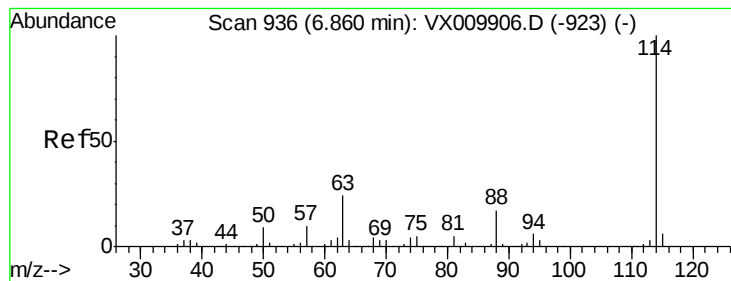
Tgt Ion: 65 Resp: 117808

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

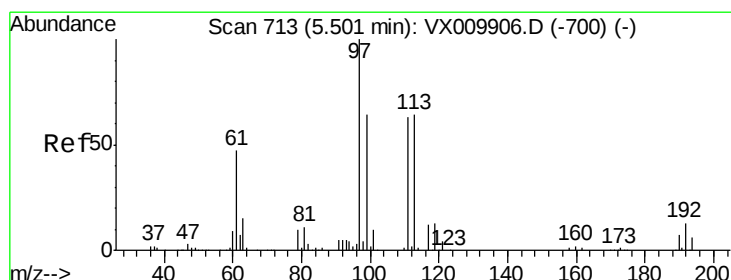
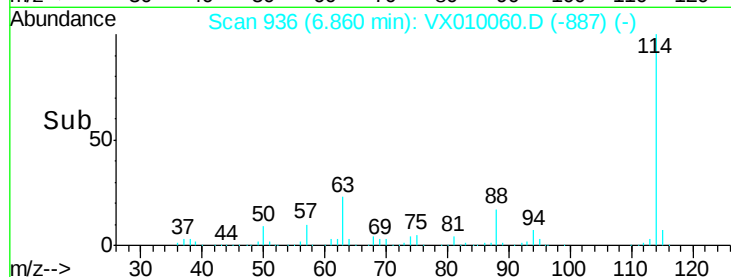
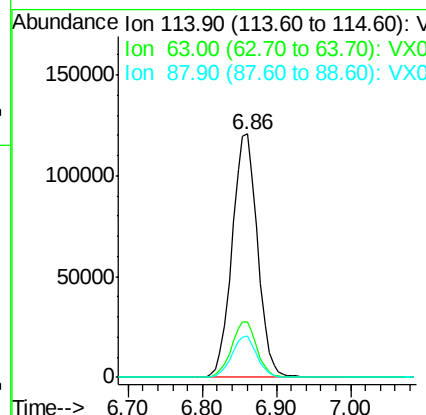
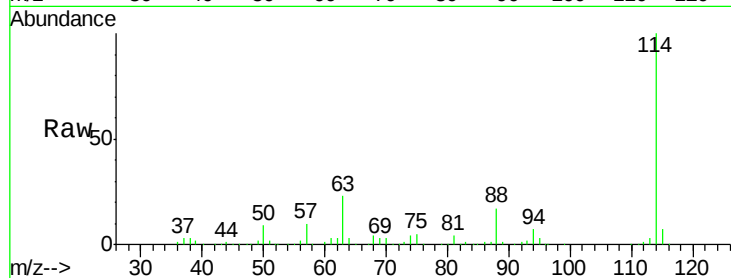
ClientSampled :

MW-4

Tot Ion:	114	Resp:	288260
Ion Ratio	Lower	Upper	
114	100		
63	23.0	0.0	47.4
88	16.8	0.0	33.0

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#35

Dibromofluoromethane

Concen: 48.524 ug/l

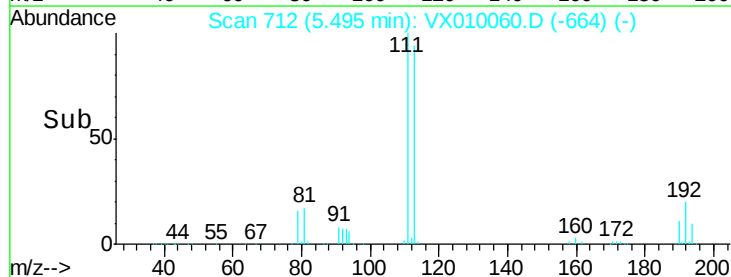
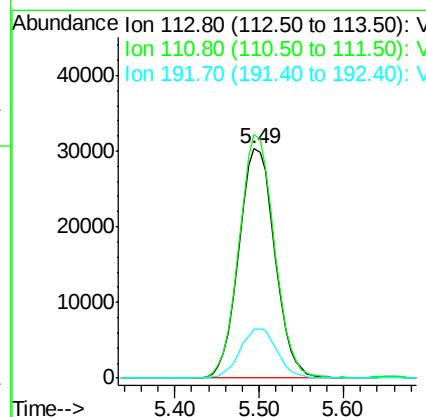
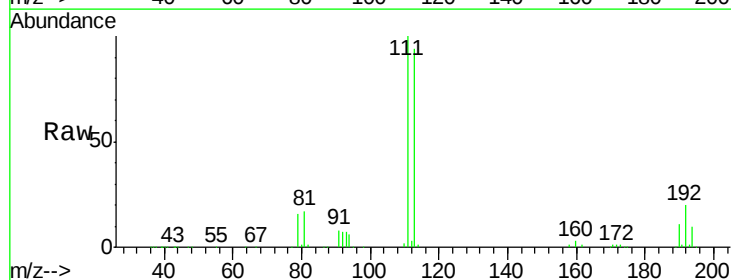
RT: 5.49 min Scan# 712

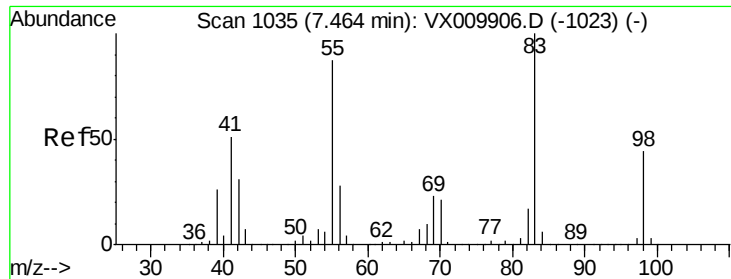
Delta R.T. -0.01 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Tgt Ion:	113	Resp:	87940
Ion Ratio	Lower	Upper	
113	100		
111	104.2	82.2	123.2
192	22.1	17.1	25.7





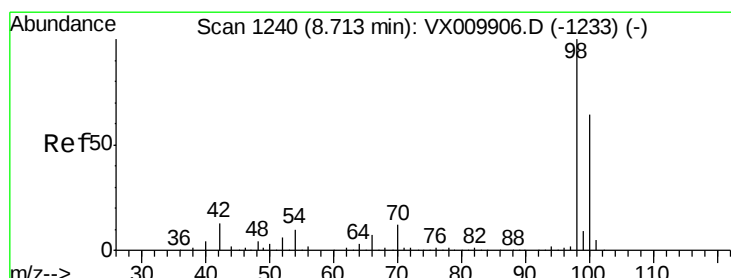
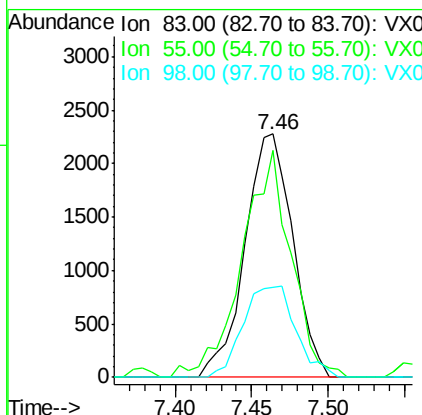
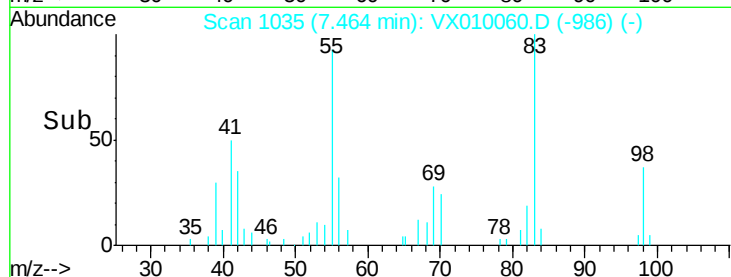
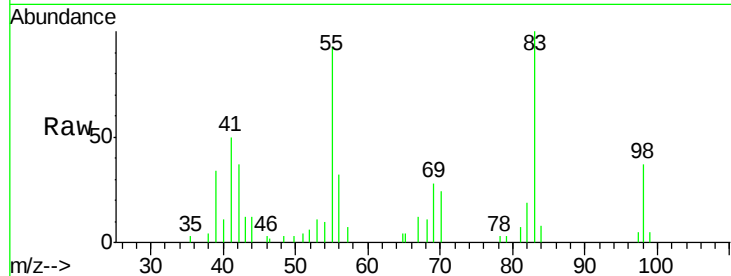
#39
Methvlcvclohexane
Concen: 1.430 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010060.D
Acq: 04 Jun 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion	83.00	Resp	4960
Ion	Ratio	Lower	Upper
83	100		
55	90.2	69.9	104.9
98	36.9	35.1	52.7

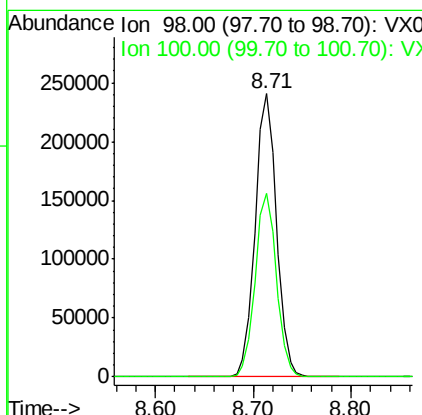
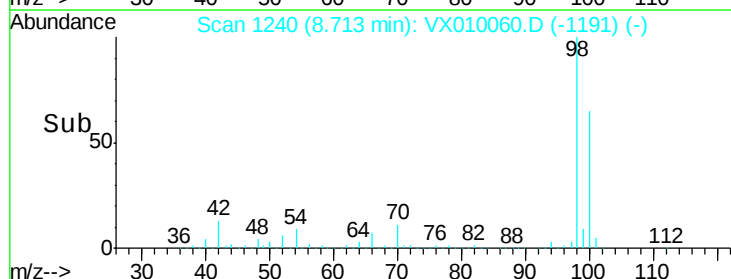
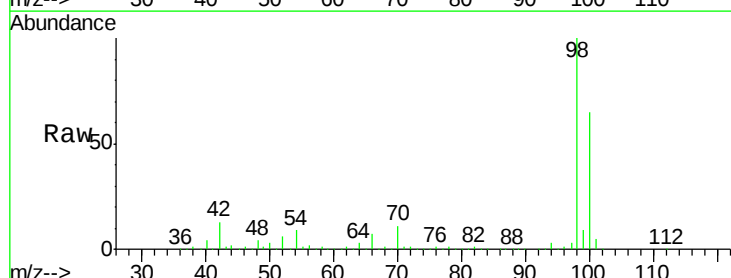
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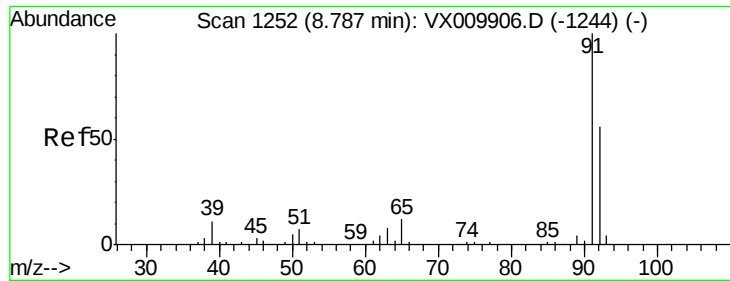
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#50
Toluene-d8
Concen: 49.702 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010060.D
Acq: 04 Jun 2019 16:04

Tgt Ion	98	Resp	365777
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





#52

Toluene

Concen: 0.560 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tot Ion: 92 Resp: 2952

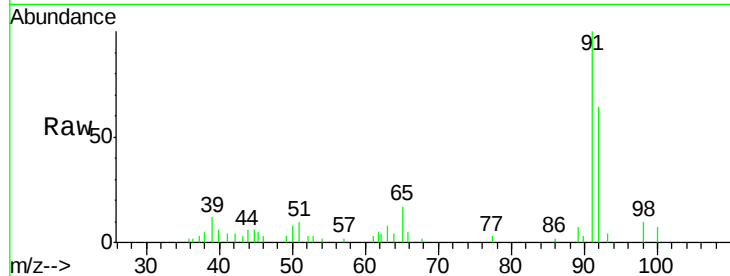
Ion Ratio Lower Upper

92 100

91 174.7 139.9 209.9

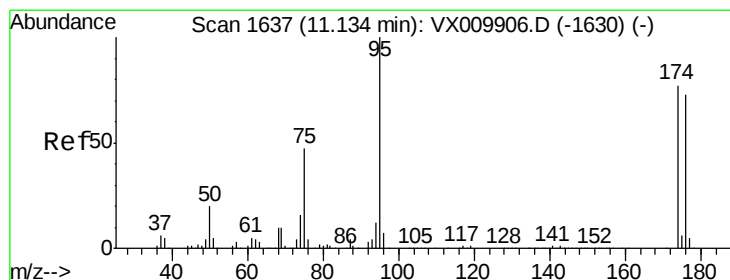
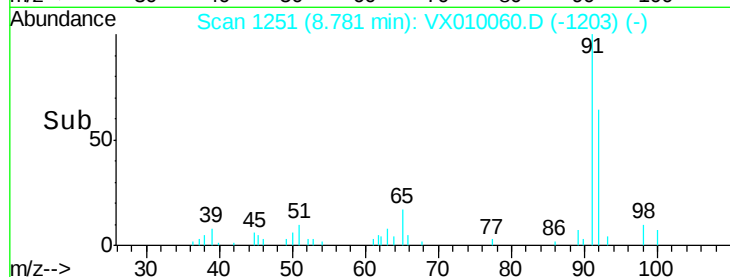
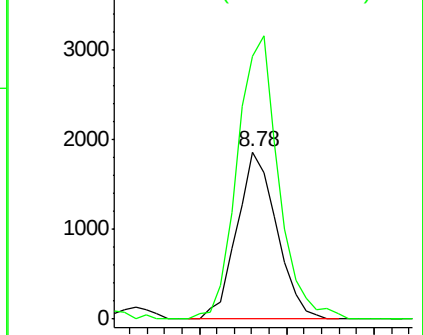
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 47.191 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

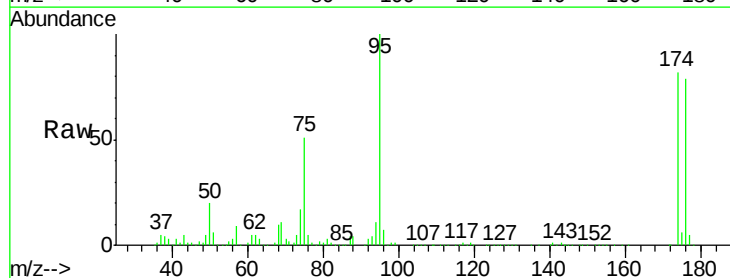
Tgt Ion: 95 Resp: 124742

Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.4

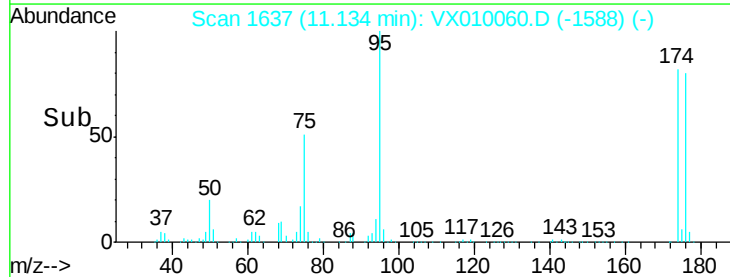
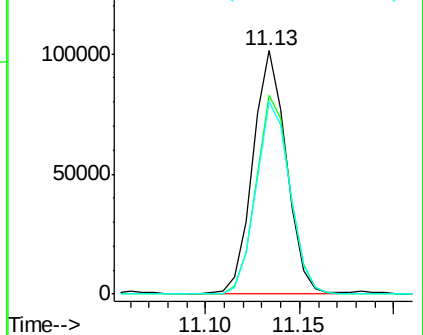
176 80.3 0.0 154.6

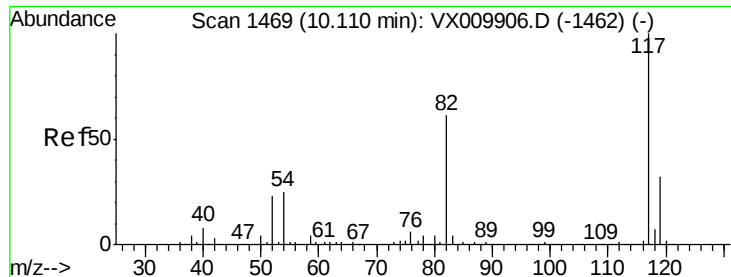


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





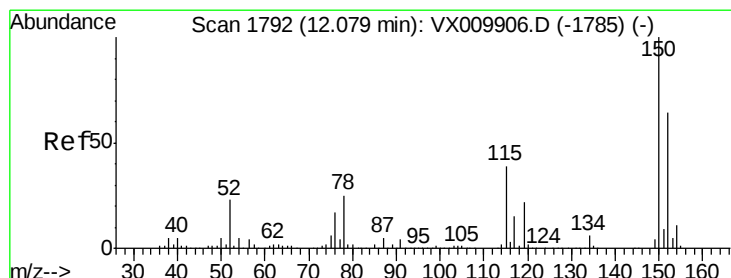
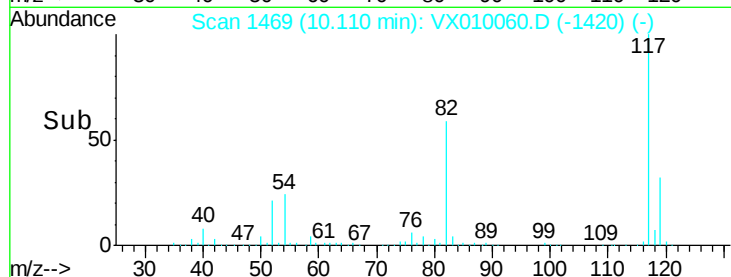
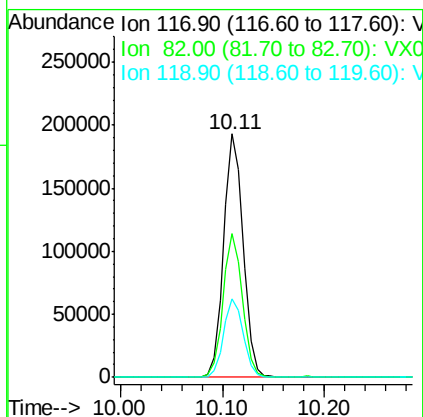
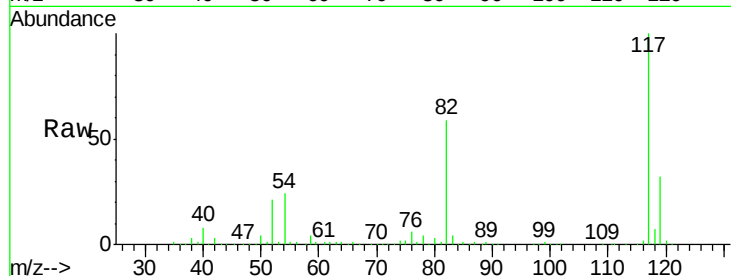
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010060.D
Acq: 04 Jun 2019 16:04

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.2	49.2	73.8
119	32.3	25.2	37.8

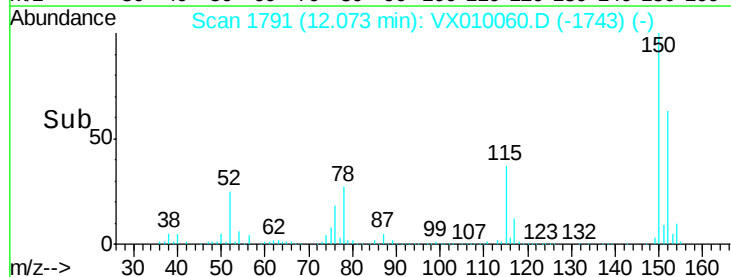
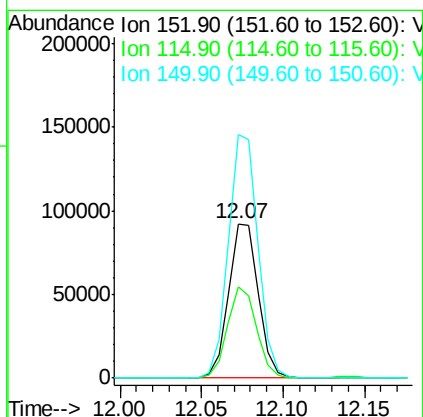
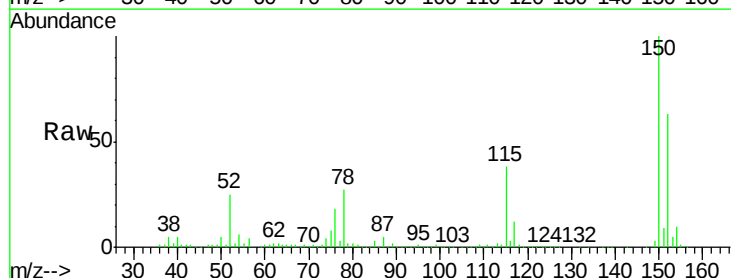
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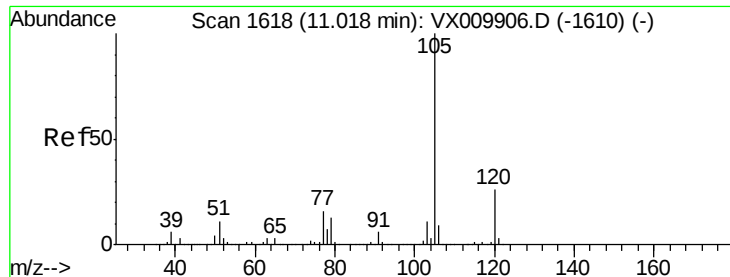
MMDadoda
6/5/2019 9:26:50 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010060.D
Acq: 04 Jun 2019 16:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	41.4	124.2
150	157.2	0.0	345.2





#73

Isopropylbenzene

Concen: 0.514 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tot Ion: 105 Resp: 4411

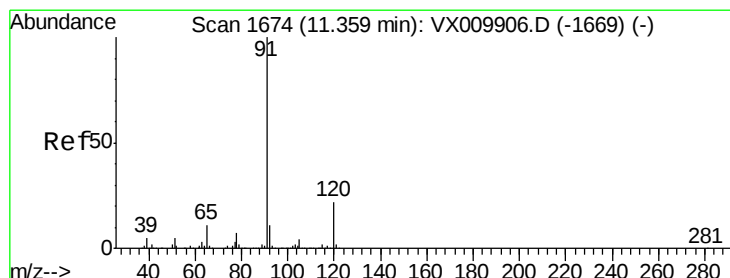
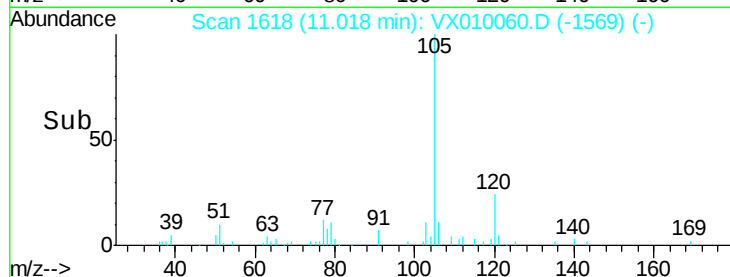
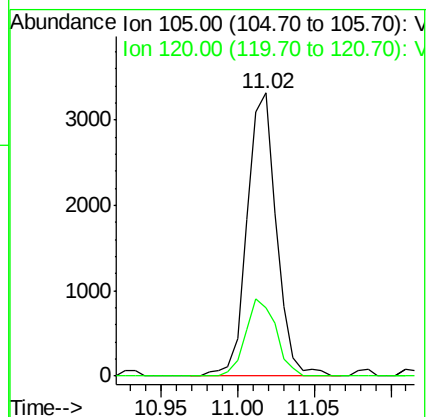
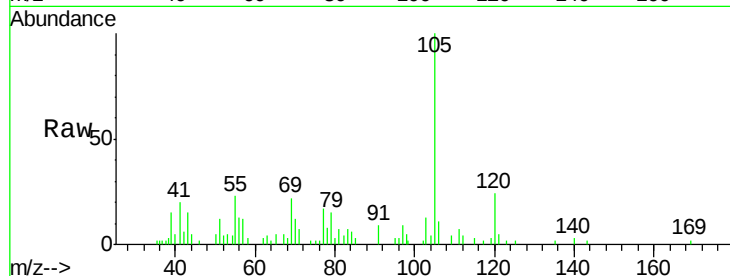
Ion Ratio Lower Upper

105 100

120 28.2 12.8 38.4

Manual Integrations
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#78

n-propylbenzene

Concen: 0.895 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010060.D

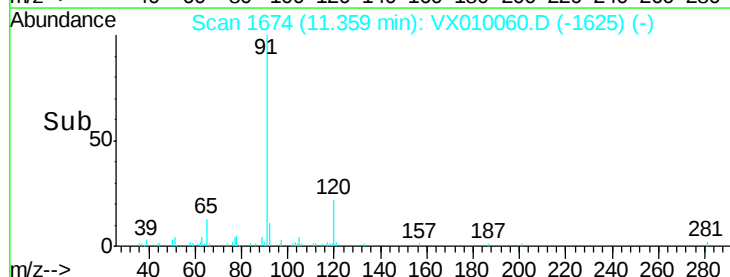
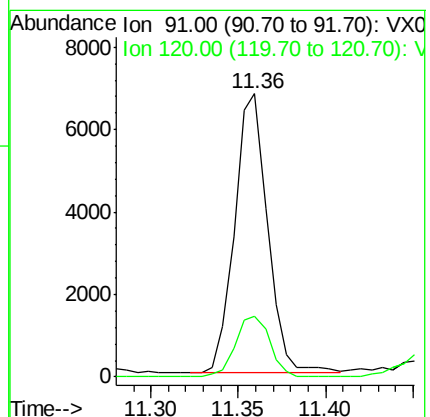
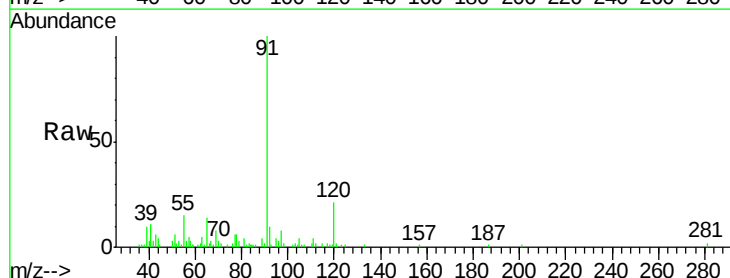
Acq: 04 Jun 2019 16:04

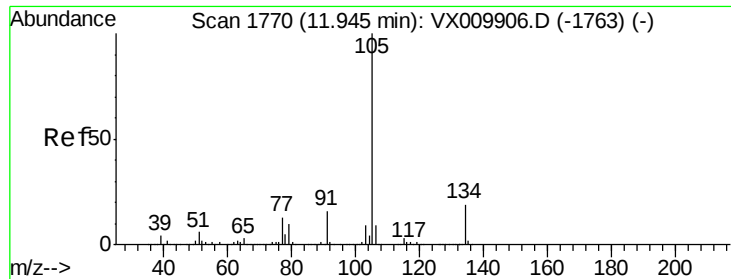
Tgt Ion: 91 Resp: 8845

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.3





#85

sec-Butylbenzene

Concen: 0.965 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tot Ion:105 Resp: 7933

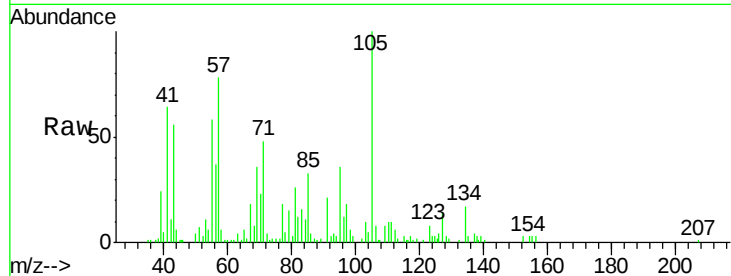
Ion Ratio Lower Upper

105 100

134 24.7 9.7 28.9

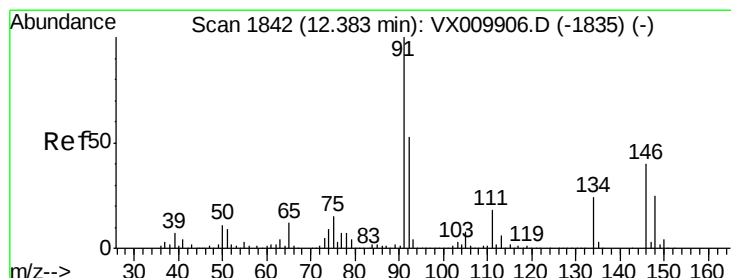
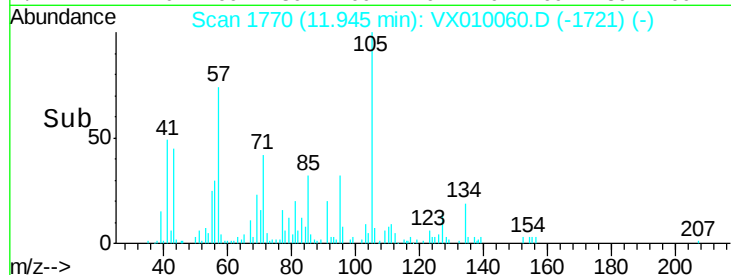
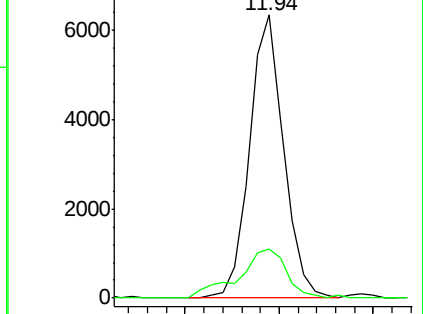
Manual Integrations
APPROVED

MMDadoda
6/5/2019 9:26:50 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.765 ug/l m

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010060.D

Acq: 04 Jun 2019 16:04

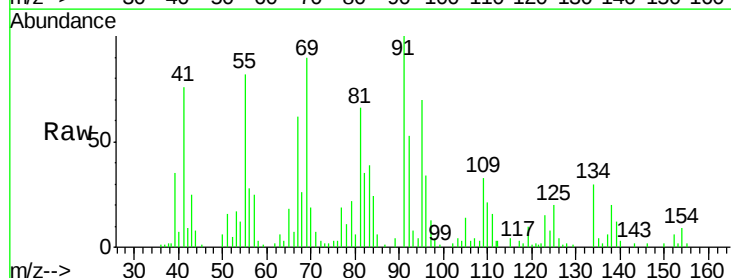
Tgt Ion: 91 Resp: 5318

Ion Ratio Lower Upper

91 100

92 63.3 26.3 78.8

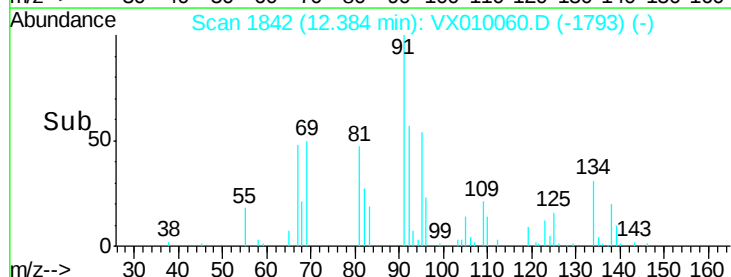
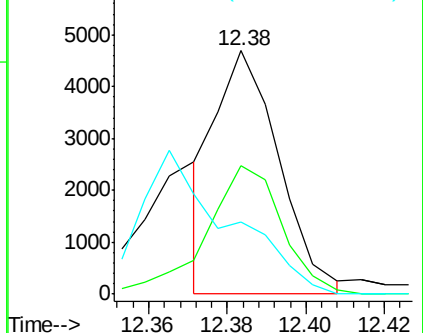
134 82.0 12.3 36.8#

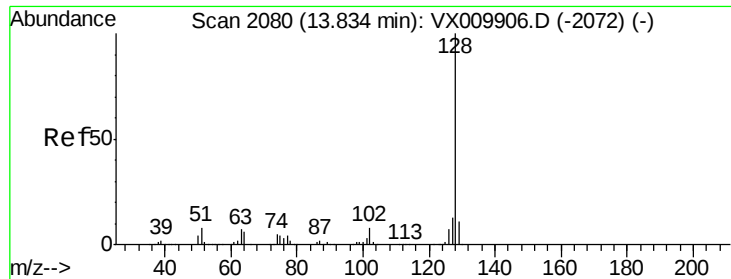


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 5.341 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010060.D
Acq: 04 Jun 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.6	16.0
129	13.4	8.8	13.2#

Manual Integrations
APPROVED

MMDadoda
6/5/2019 9:26:50 AM

