

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008519.D
 Acq On : 28 Mar 2019 15:03
 Operator : JC/SP
 Sample : K2115-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Manual Integrations
 APPROVED

MMDadoda
 3/29/2019 10:52:00 AM

Quant Time: Mar 29 02:24:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	230948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	385621	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	334615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	161797	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
35) Dibromofluoromethane	5.49	113	119081	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	8.71	98	486449	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	166751	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	6003	3.280	ug/l	98
31) Cyclohexane	5.57	56	10248	1.826	ug/l	91
39) Methylcyclohexane	7.46	83	8508	1.731	ug/l	96
40) Benzene	6.14	78	1045731	84.956	ug/l	99
52) Toluene	8.78	92	206274	28.027	ug/l	99
67) Ethyl Benzene	10.25	91	1491486	108.602	ug/l	100
68) m/p-Xylenes	10.36	106	482181	96.510	ug/l	100
69) o-Xylene	10.70	106	358414	73.923	ug/l	99
73) Isopropylbenzene	11.02	105	86353	7.123	ug/l	100
78) n-propylbenzene	11.36	91	30868	2.173	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	200753	19.586	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	513413	49.524	ug/l	98
86) p-Isopropyltoluene	12.06	119	8529	0.821	ug/l #	73
89) n-Butylbenzene	12.37	91	6635m	0.674	ug/l	
95) Naphthalene	13.83	128	13988182	1151.085	ug/l #	88

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

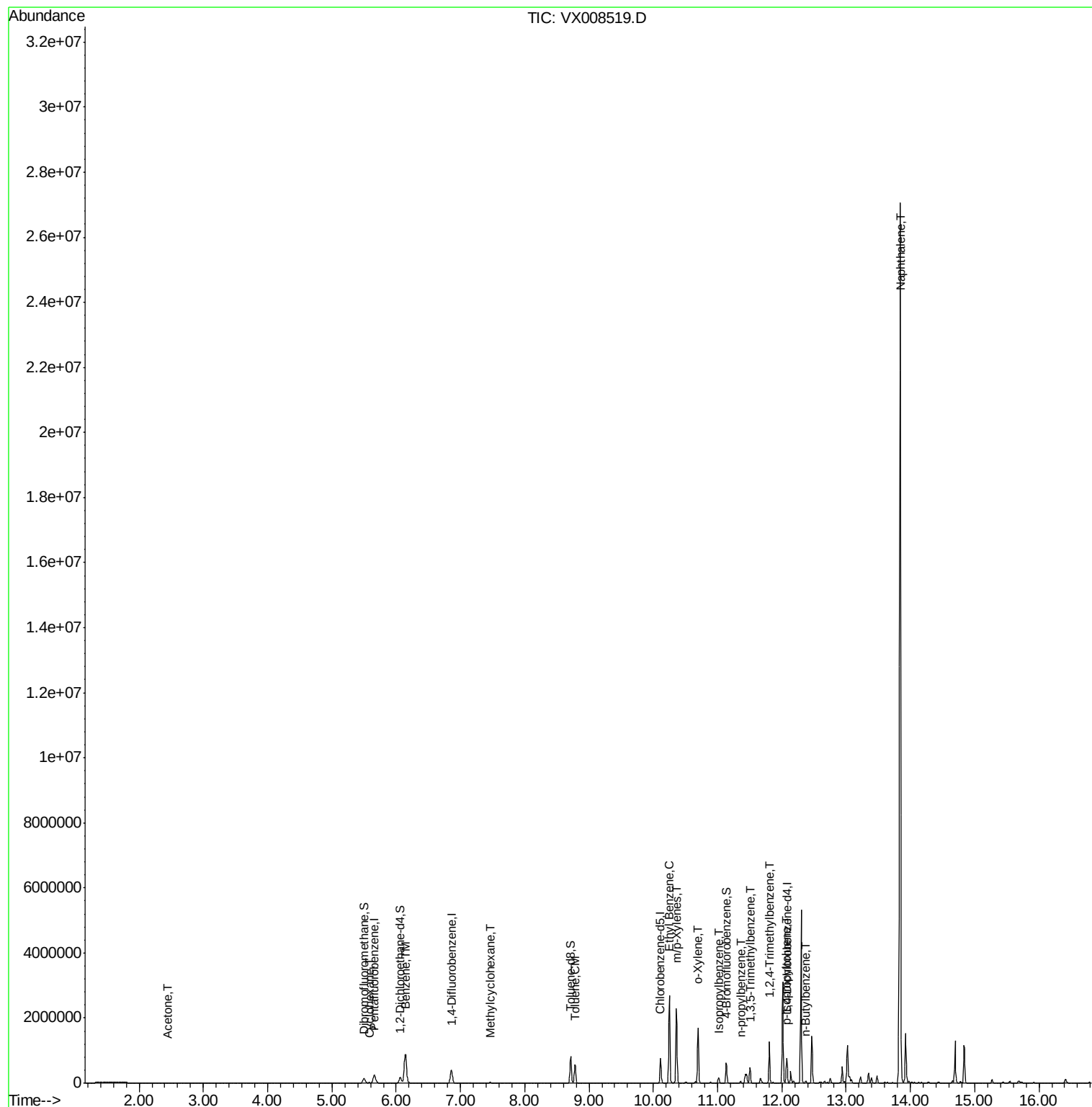
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032819\
Data File : VX008519.D
Acq On : 28 Mar 2019 15:03
Operator : JC/SP
Sample : K2115-02 10X
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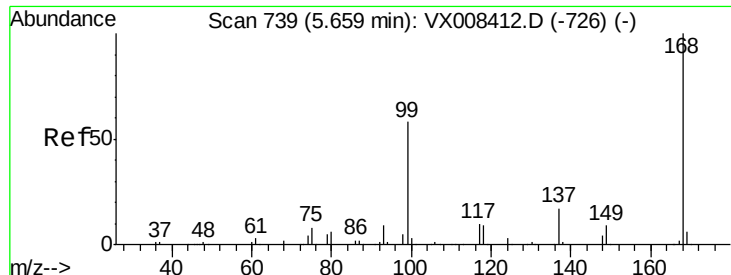
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Manual Integrations
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Quant Time: Mar 29 02:24:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 07:57:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:168 Resp: 230948

Ion Ratio Lower Upper

168 100

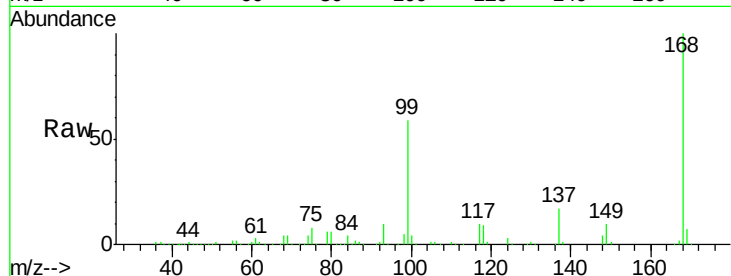
99 59.0 46.0 69.0

Manual Integrations

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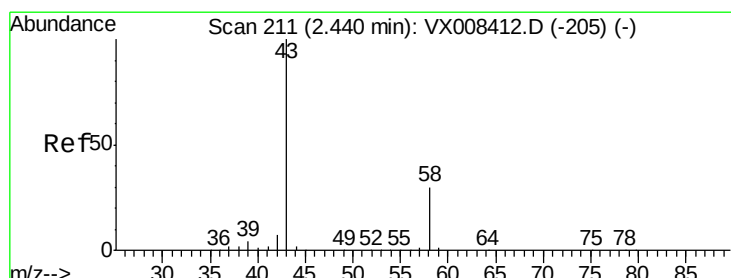
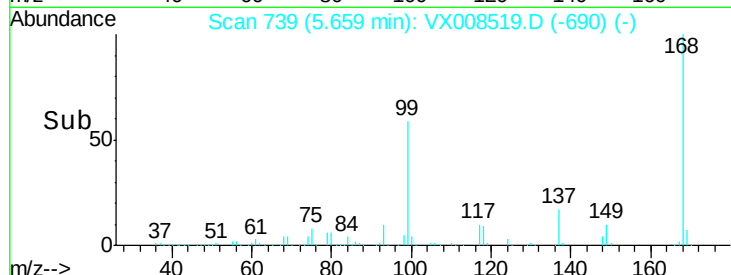
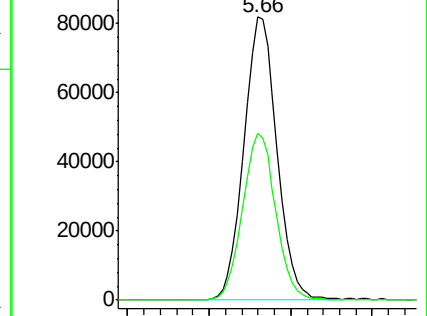
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.280 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008519.D

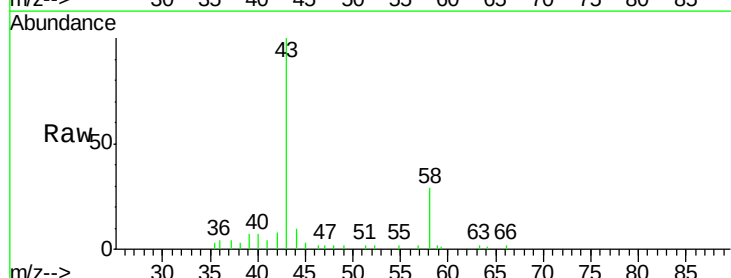
Acq: 28 Mar 2019 15:03

Tgt Ion: 43 Resp: 6003

Ion Ratio Lower Upper

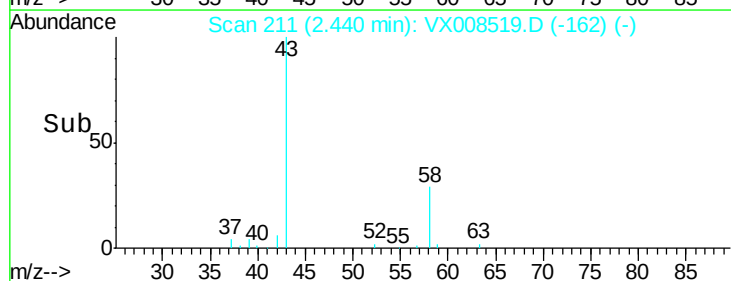
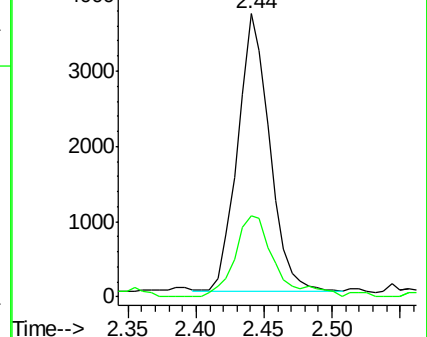
43 100

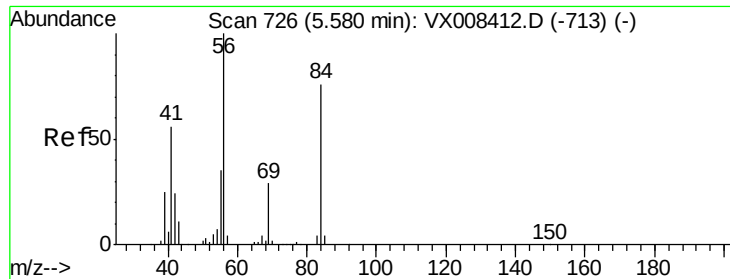
58 29.1 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





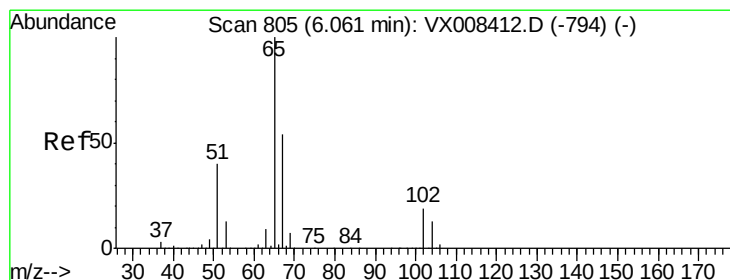
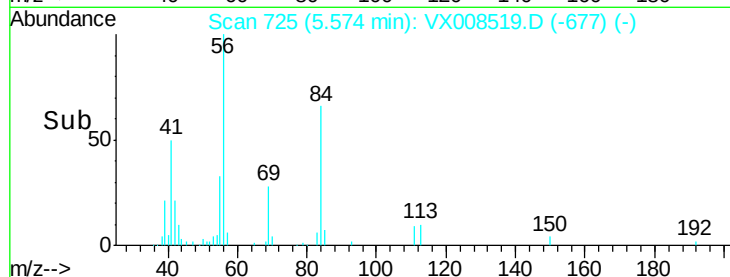
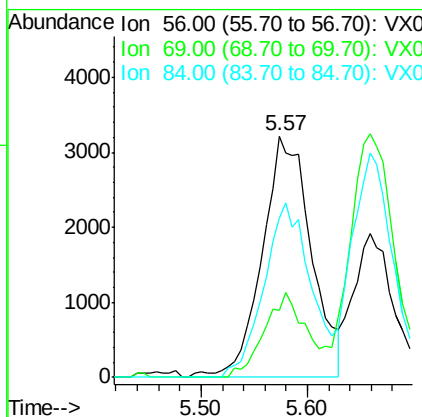
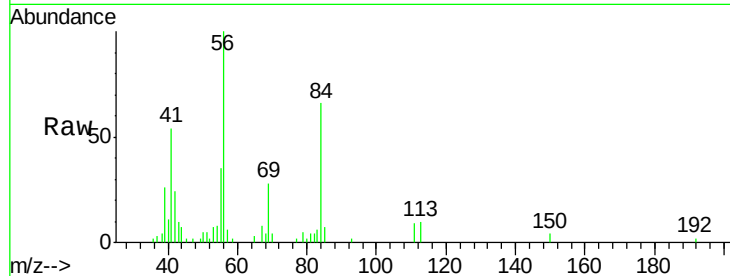
#31
Cyclohexane
Concen: 1.826 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	23.2	34.8
84	65.8	60.7	91.1

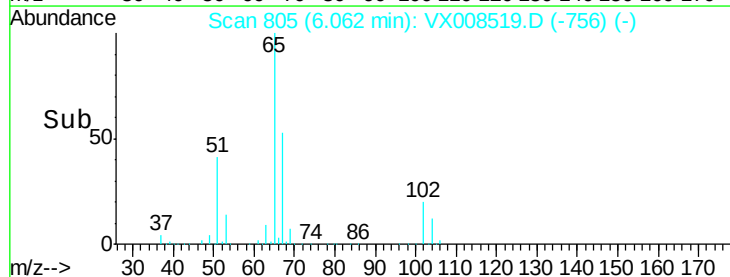
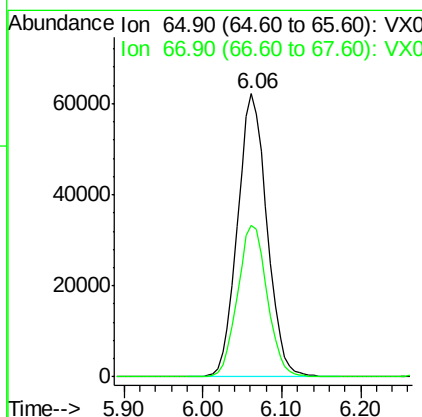
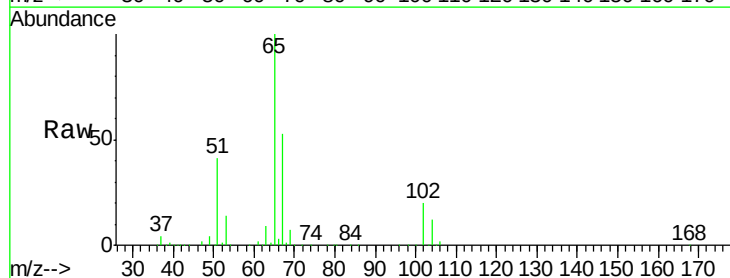
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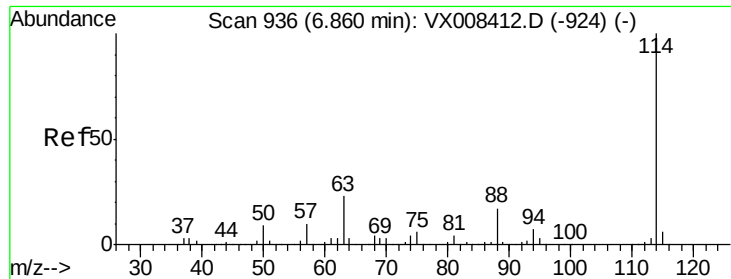
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#33
1,2-Dichloroethane-d4
Concen: 46.211 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	109.4





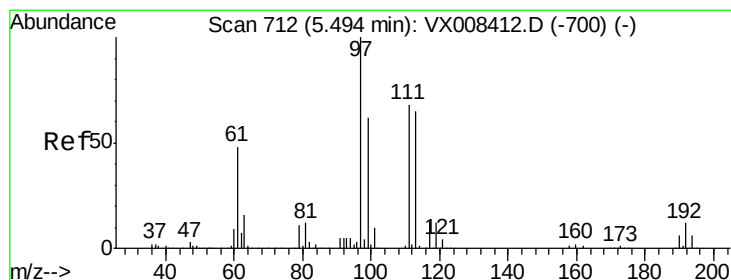
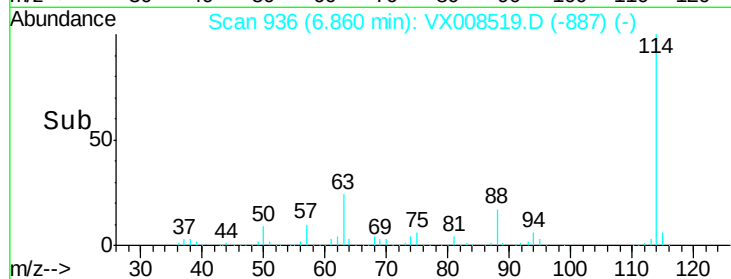
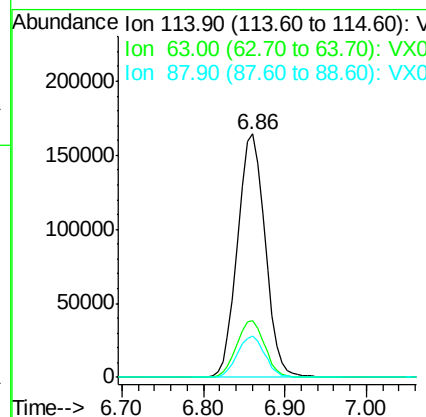
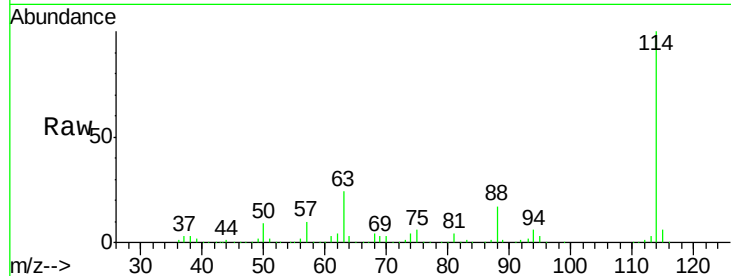
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008519.D
 Acq: 28 Mar 2019 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GW

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.5	0.0	46.4
88	16.7	0.0	33.2

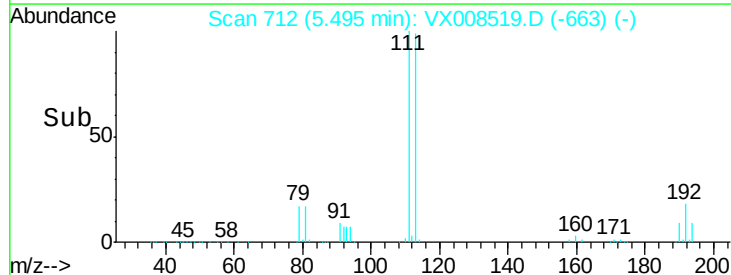
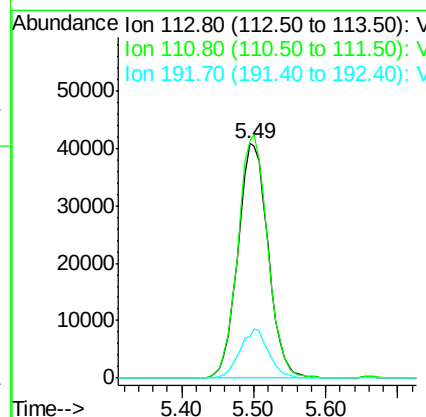
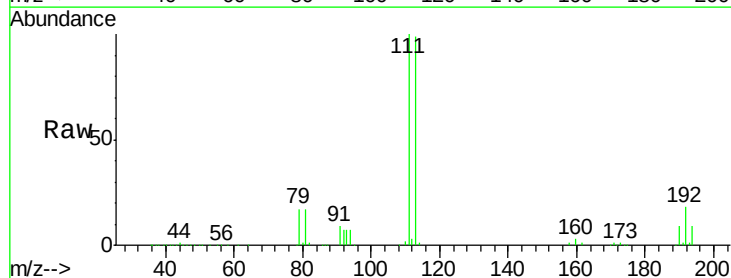
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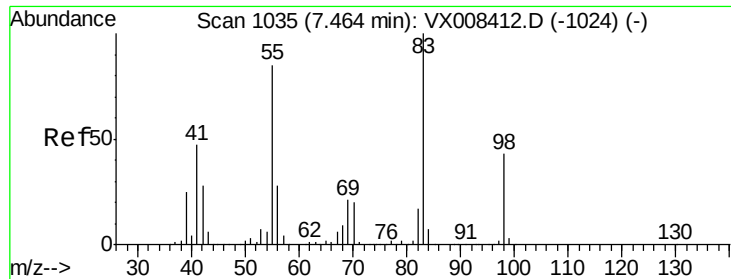
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#35
 Dibromofluoromethane
 Concen: 47.359 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX008519.D
 Acq: 28 Mar 2019 15:03

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.2	83.0	124.4
192	19.9	15.6	23.4





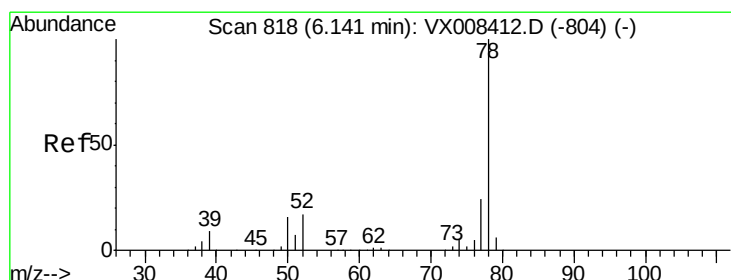
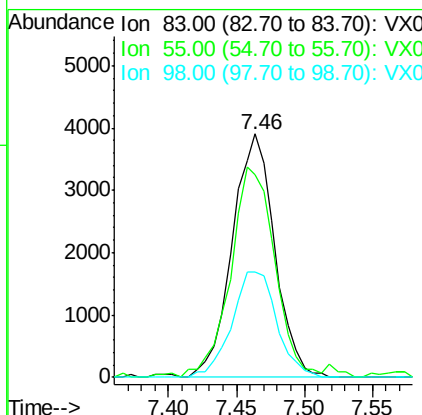
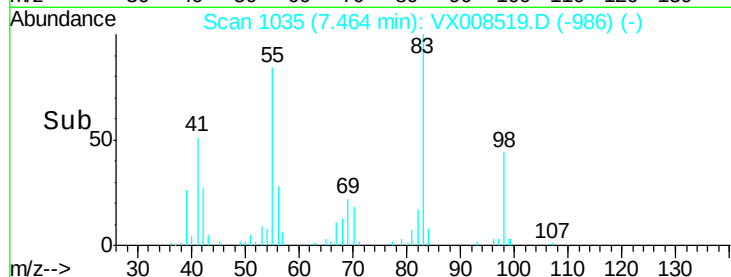
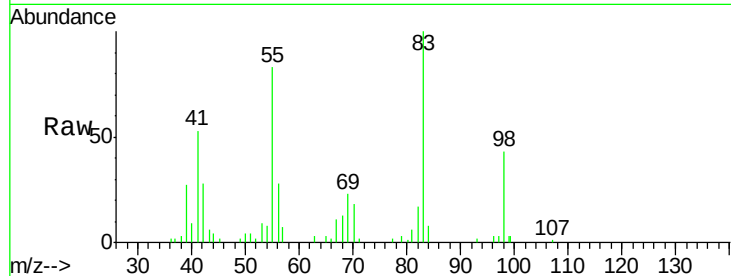
#39
Methylvlcyclohexane
Concen: 1.731 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion	83.00	Resp:	8508
Ion	Ratio	Lower	Upper
83	100		
55	80.7	68.2	102.4
98	43.5	34.2	51.4

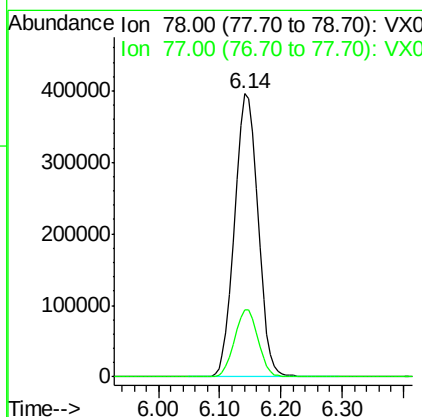
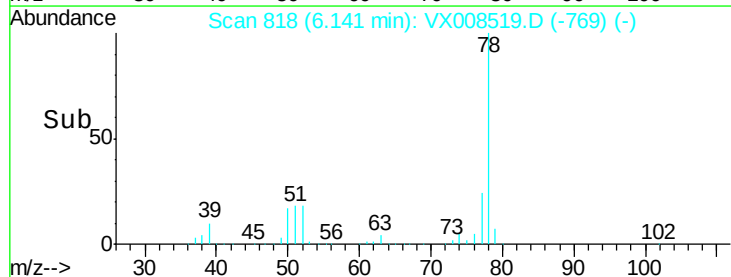
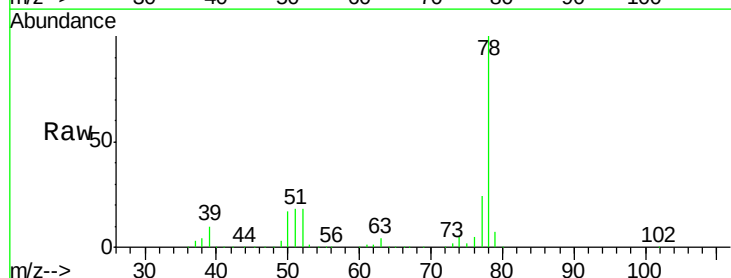
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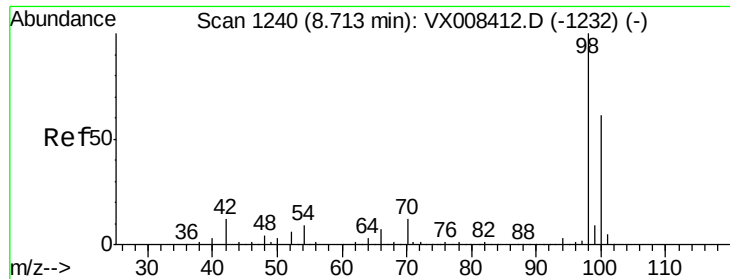
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#40
Benzene
Concen: 84.956 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Tgt Ion	78	Resp:	1045731
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9





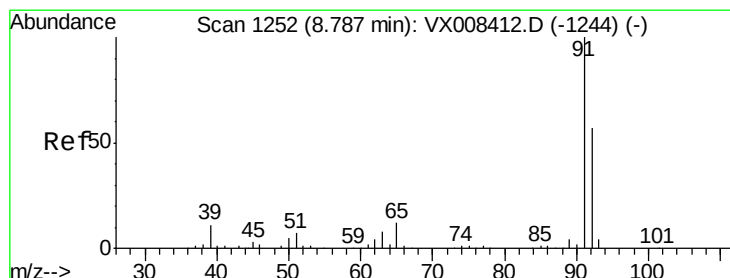
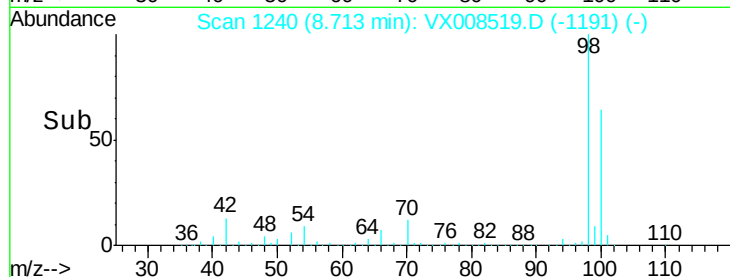
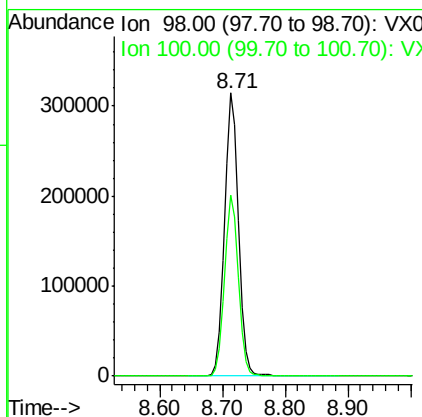
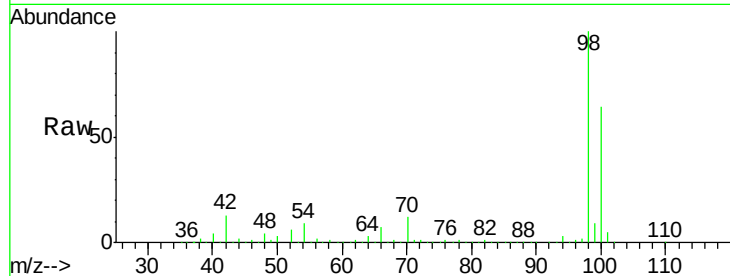
#50
Toluene-d8
Concen: 48.383 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion: 98 Resp: 486449
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7

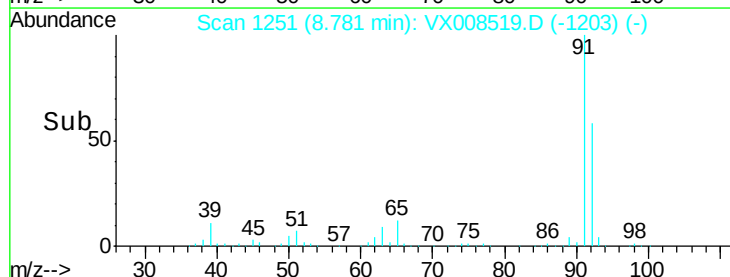
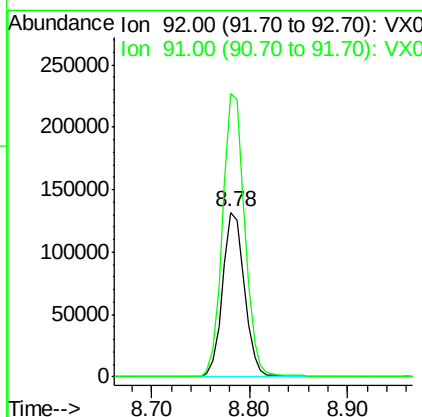
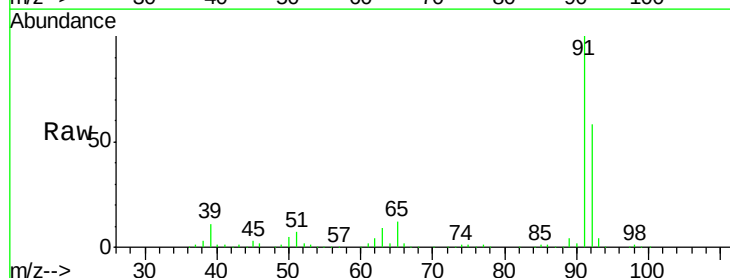
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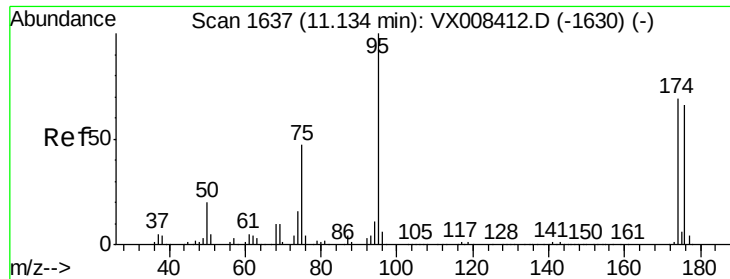
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#52
Toluene
Concen: 28.027 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Tgt Ion: 92 Resp: 206274
Ion Ratio Lower Upper
92 100
91 174.6 140.2 210.4





#62

4-Bromofluorobenzene

Concen: 44.757 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Instrument :

MSVOA_X

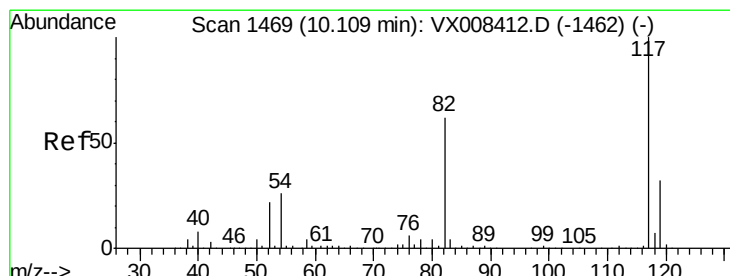
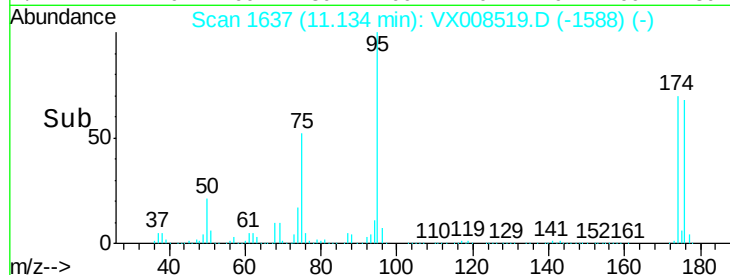
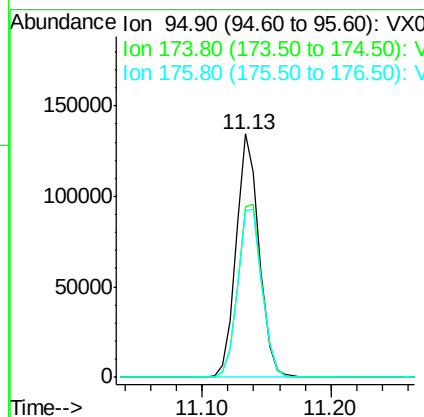
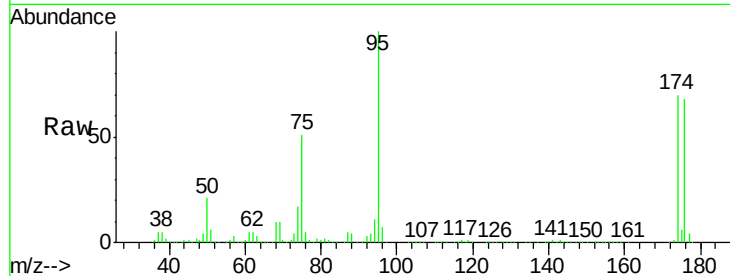
ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:	95	Resp:	166751
Ion Ratio	Lower	Upper	
95	100		
174	75.0	0.0	147.2
176	73.2	0.0	142.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

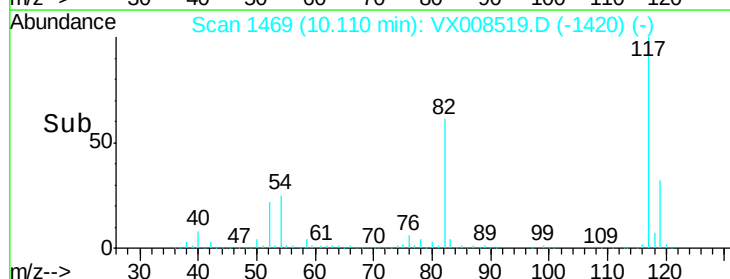
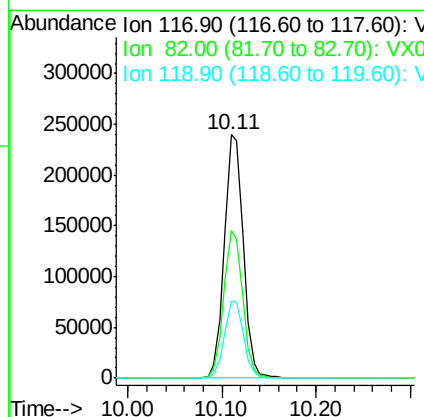
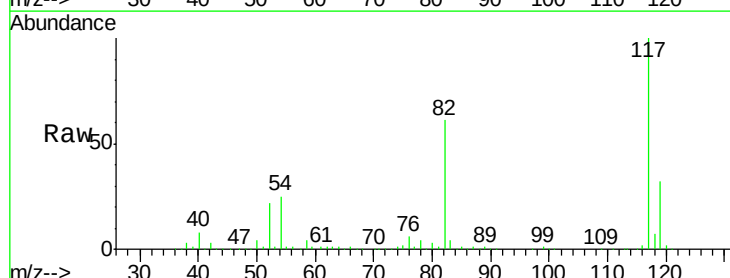
RT: 10.11 min Scan# 1469

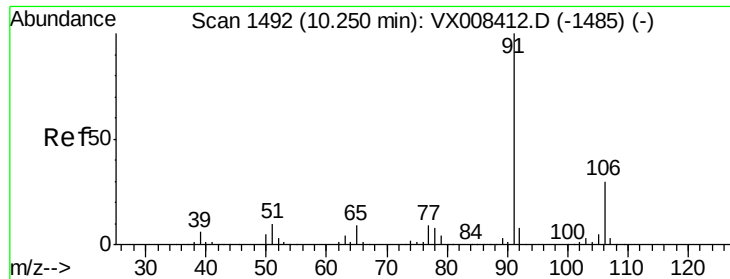
Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	117	Resp:	334615
Ion Ratio	Lower	Upper	
117	100		
82	60.8	49.4	74.2
119	31.8	25.4	38.0





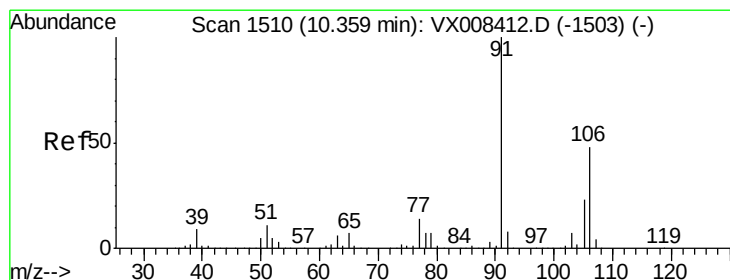
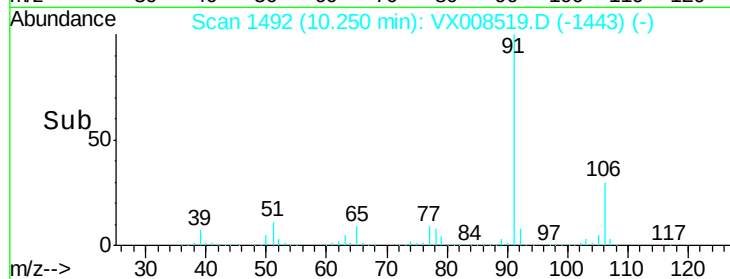
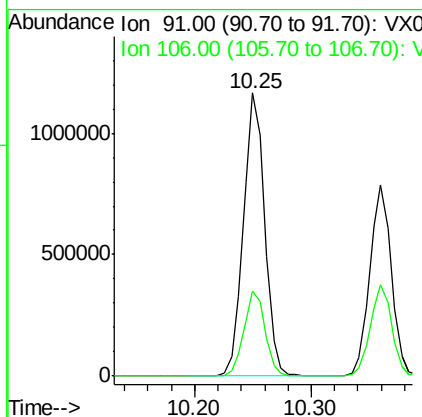
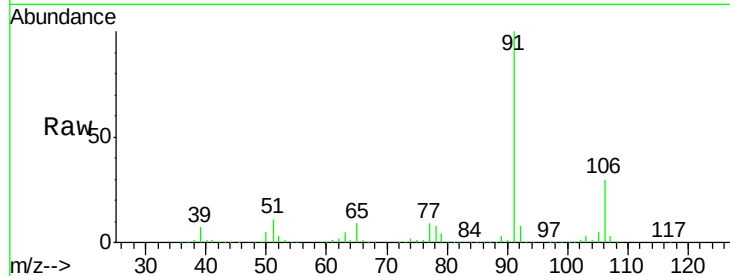
#67
Ethyl Benzene
Concen: 108.602 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion: 91 Resp: 1491486
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0

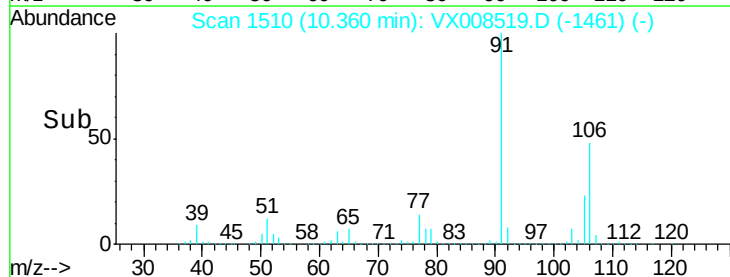
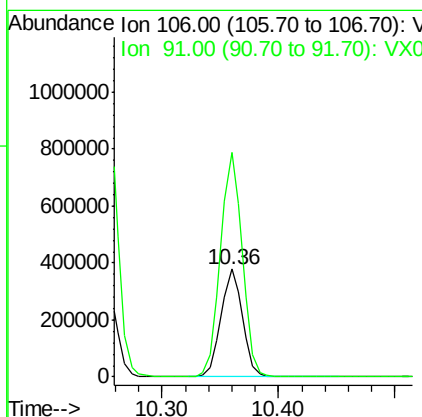
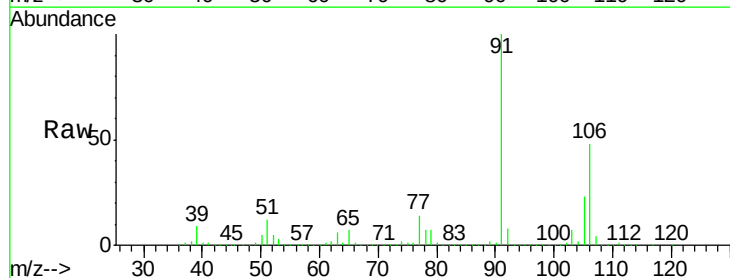
Manual Integrations
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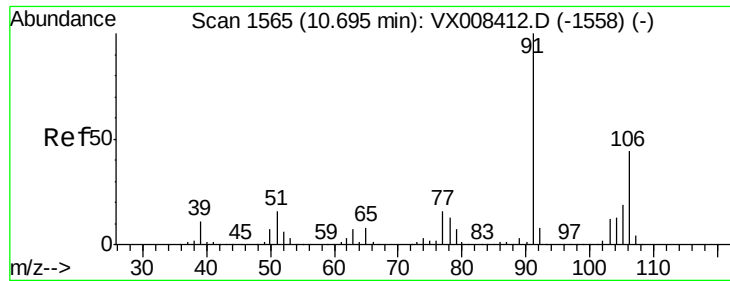
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3/29/2019 10:52:00 AM



#68
m/p-Xylenes
Concen: 96.510 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Tgt Ion: 106 Resp: 482181
Ion Ratio Lower Upper
106 100
91 210.5 168.6 253.0





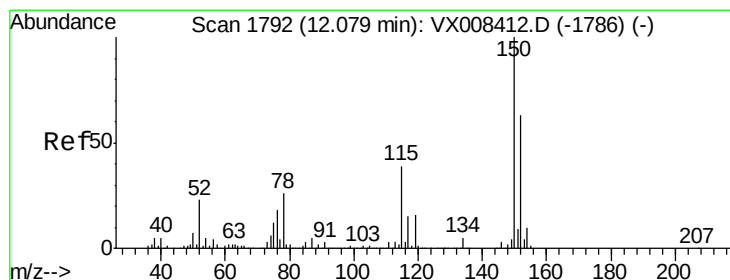
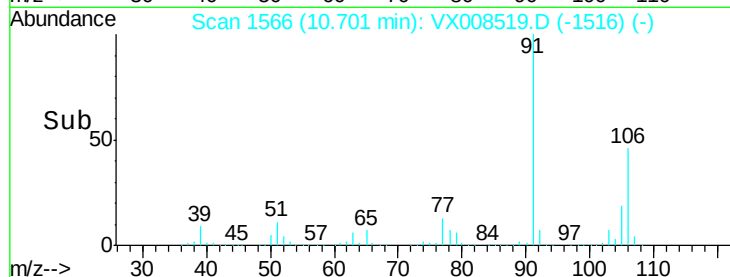
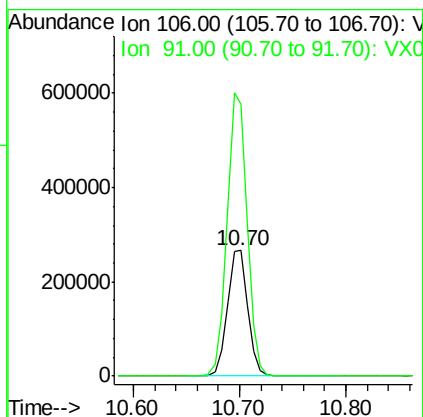
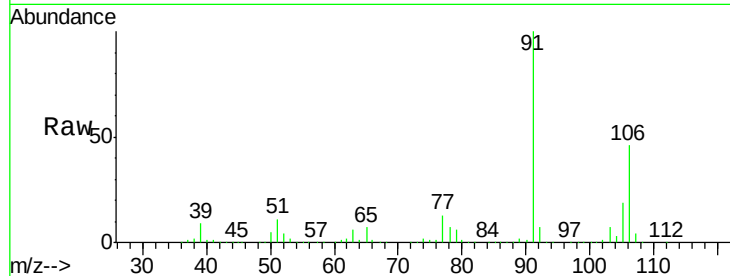
#69
o-Xylene
Concen: 73.923 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:106 Resp: 358414
Ion Ratio Lower Upper
106 100
91 221.8 111.4 334.2

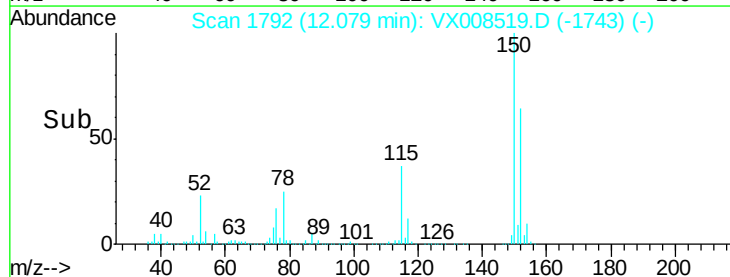
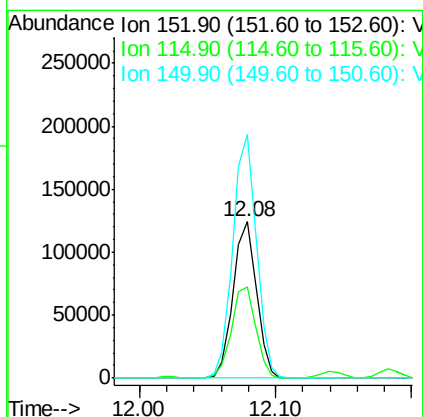
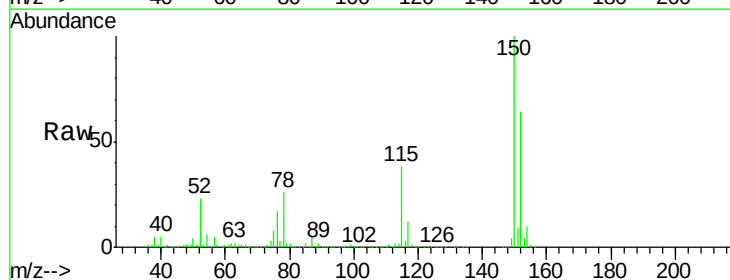
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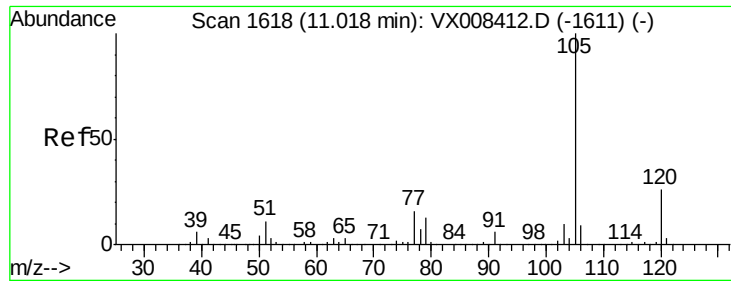
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3/29/2019 10:52:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Tgt Ion:152 Resp: 149023
Ion Ratio Lower Upper
152 100
115 60.8 43.5 130.5
150 157.1 0.0 348.8





#73

Isopropylbenzene

Concen: 7.123 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:105 Resp: 86353

Ion Ratio Lower Upper

105 100

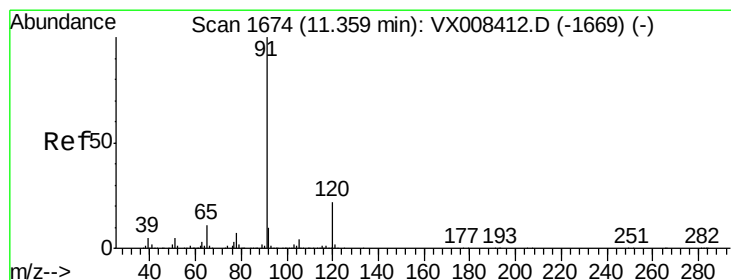
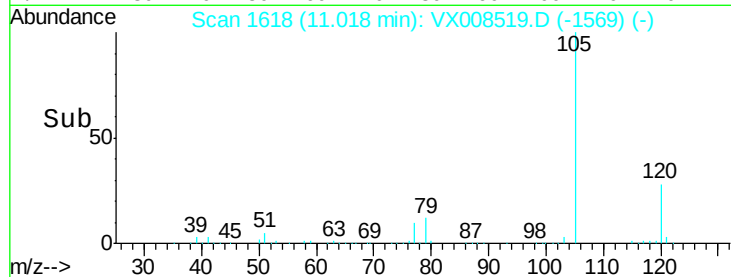
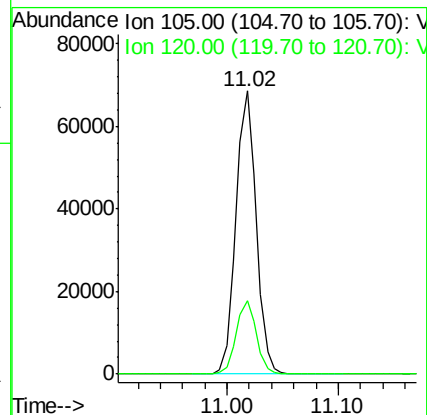
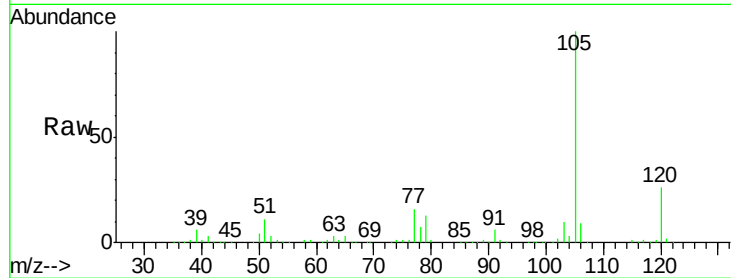
120 25.8 12.9 38.7

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#78

n-propylbenzene

Concen: 2.173 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008519.D

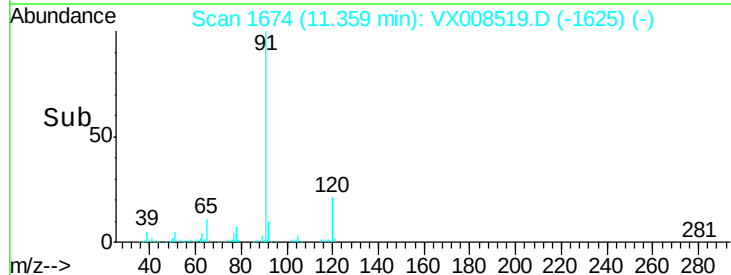
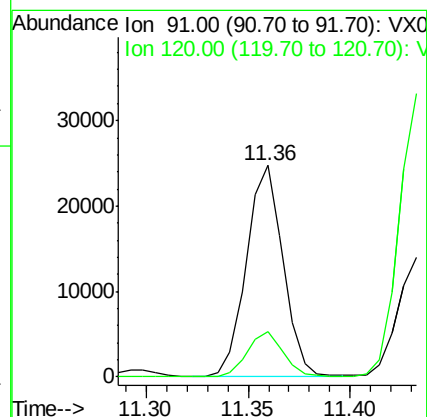
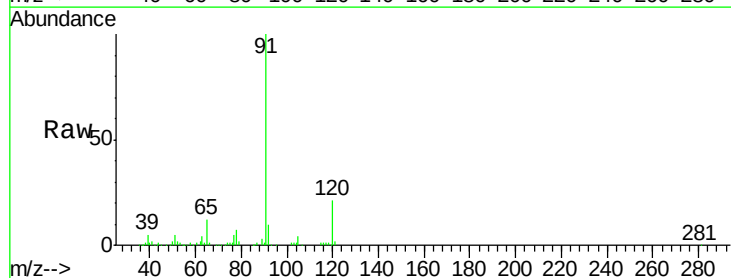
Acq: 28 Mar 2019 15:03

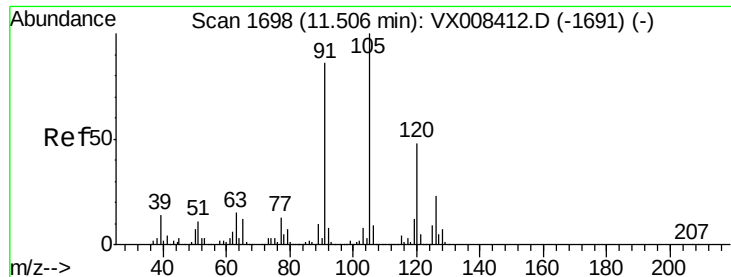
Tgt Ion: 91 Resp: 30868

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 19.586 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:105 Resp: 200753

Ion Ratio Lower Upper

105 100

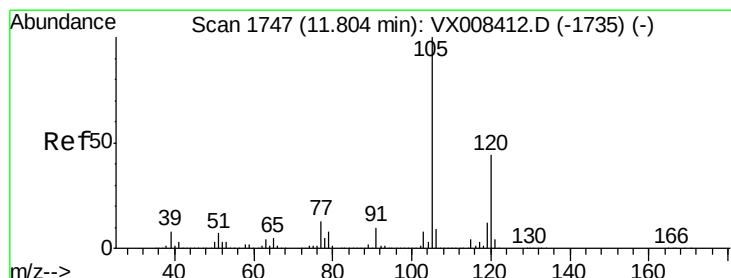
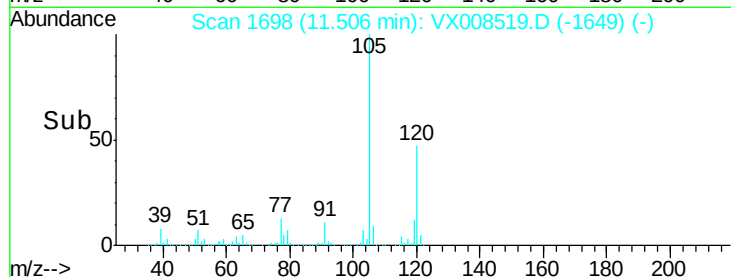
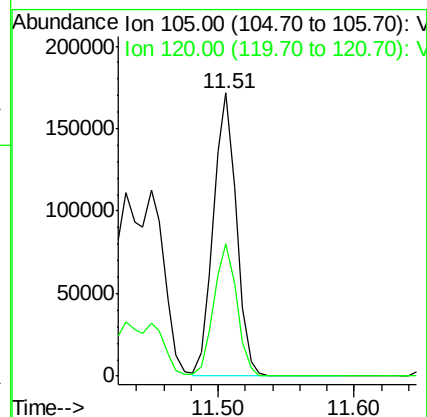
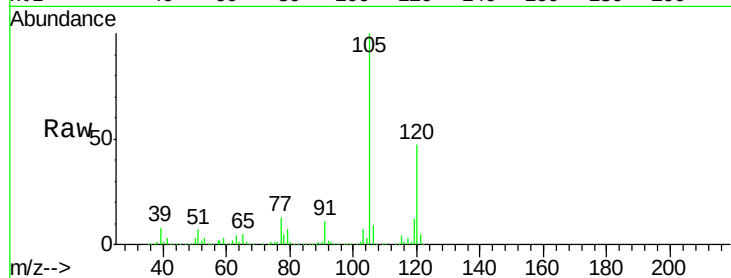
120 46.8 23.4 70.3

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#84

1,2,4-Trimethylbenzene

Concen: 49.524 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008519.D

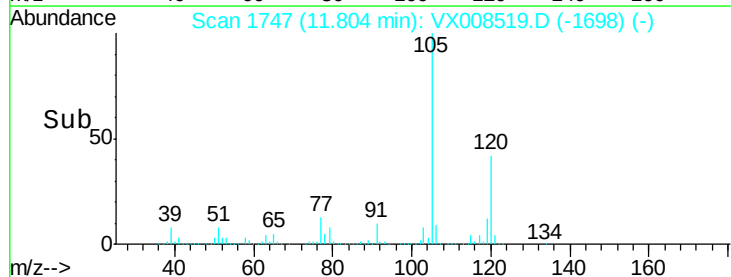
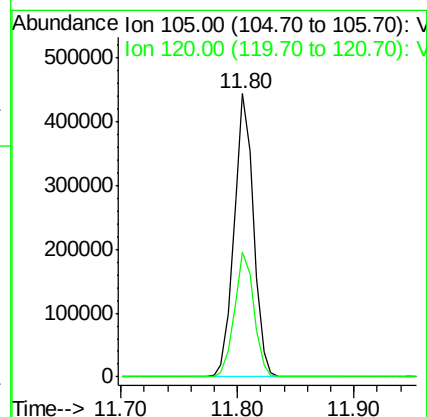
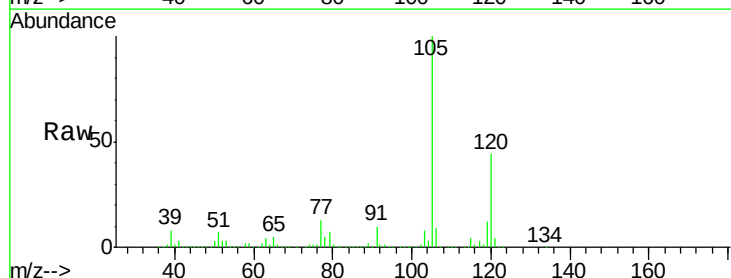
Acq: 28 Mar 2019 15:03

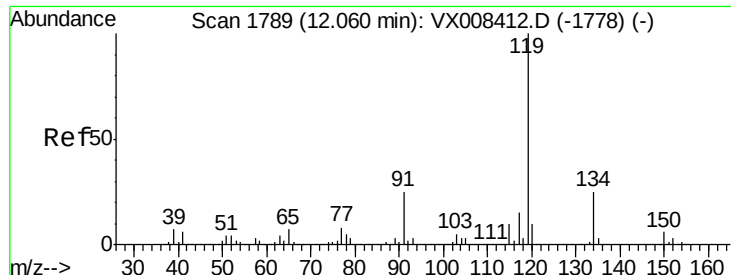
Tgt Ion:105 Resp: 513413

Ion Ratio Lower Upper

105 100

120 44.3 21.6 65.0





#86

p-Isopropyltoluene

Concen: 0.821 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Instrument :

MSVOA_X

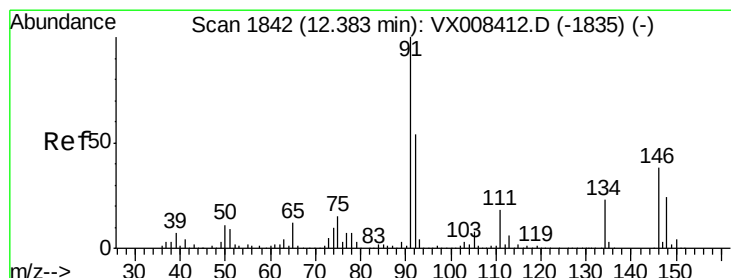
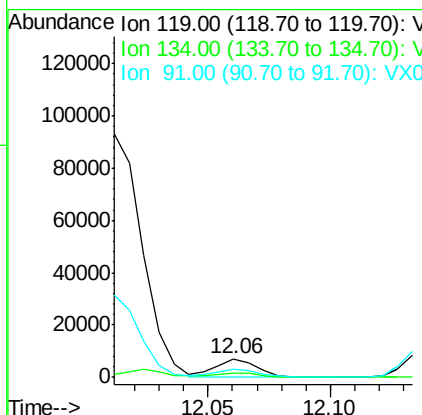
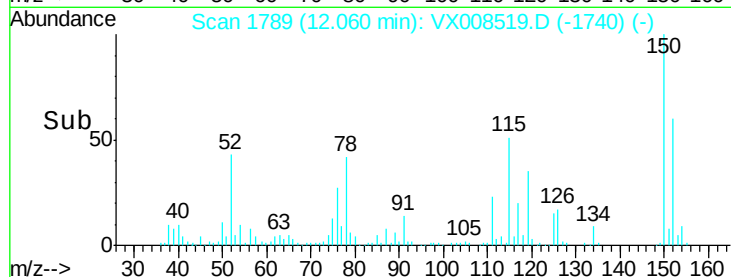
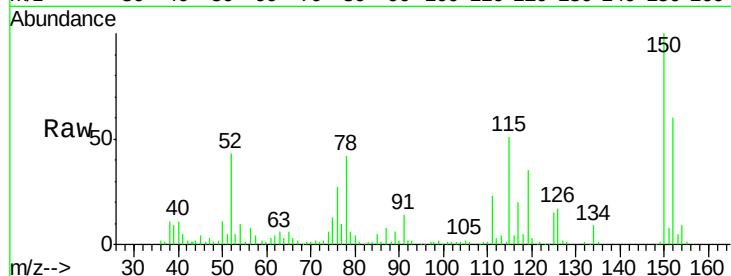
ClientSampleId :

QNWP8-MW30D-GW

Tot Ion:	119	Resp:	8529
Ion Ratio	Lower	Upper	
119	100		
134	28.3	12.8	38.4
91	0.0	12.4	37.0#

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#89

n-Butylbenzene

Concen: 0.674 ug/l m

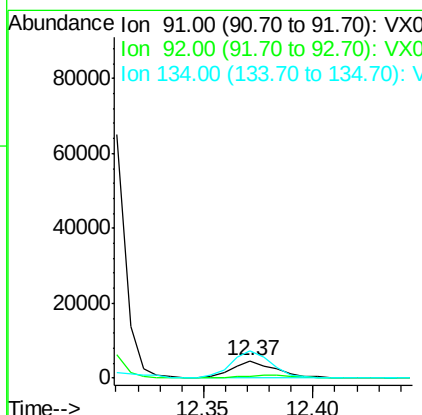
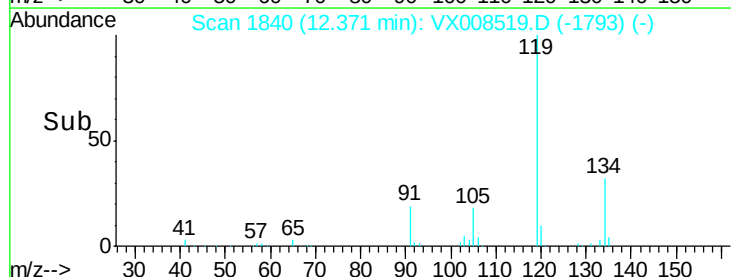
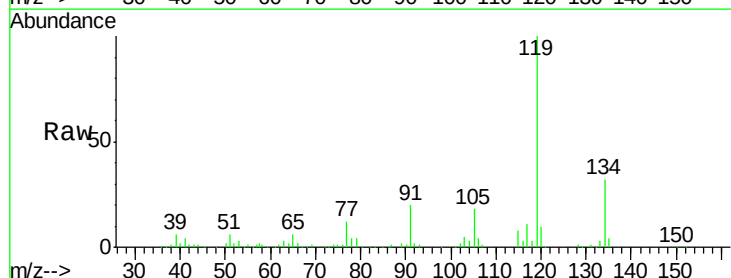
RT: 12.37 min Scan# 1840

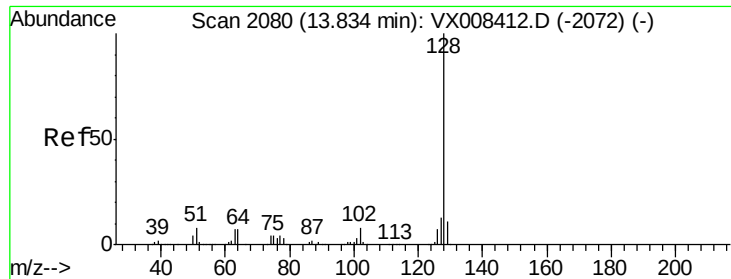
Delta R.T. -0.01 min

Lab File: VX008519.D

Acq: 28 Mar 2019 15:03

Tgt Ion:	91	Resp:	6635
Ion Ratio	Lower	Upper	
91	100		
92	494.2	26.5	79.5#
134	56.8	11.8	35.4#





#95
Naphthalene
Concen: 1151.085 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008519.D
Acq: 28 Mar 2019 15:03

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GW

Tot Ion:128 Resp:13988182
Ion Ratio Lower Upper
128 100
127 17.7 10.4 15.6#
129 15.3 8.7 13.1#

Manual Integrations
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