

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007445.D
 Acq On : 08 Feb 2019 16:36
 Operator : JC/SP
 Sample : K1415-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(FEB)

Manual Integrations
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MMDadoda
 2/11/2019 9:39:29 AM

Quant Time: Feb 08 23:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	79241	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	419430	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	376312	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	155328	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	175481	30.21	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.70%
63) Toluene-d8	8.71	98	497389	29.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.73%

Target Compounds

					Ovalue
15) Acetone	2.45	58	1263186	1704.249 ug/l	94
16) Carbon Disulfide	2.57	76	5905m	0.599 ug/l	
30) 2-Butanone	4.70	43	20597	6.304 ug/l #	94
58) 4-Methyl-2-Pentanone	8.65	43	13996	2.224 ug/l #	96
62) Toluene	8.78	91	287252	15.165 ug/l	100
67) m/p-Xylenes	10.35	106	2611	0.322 ug/l	93
79) tert-butylbenzene	12.06	119	16041	0.845 ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	13299	0.749 ug/l	60
82) p-Isopropyltoluene	12.06	119	16041	0.845 ug/l	96

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

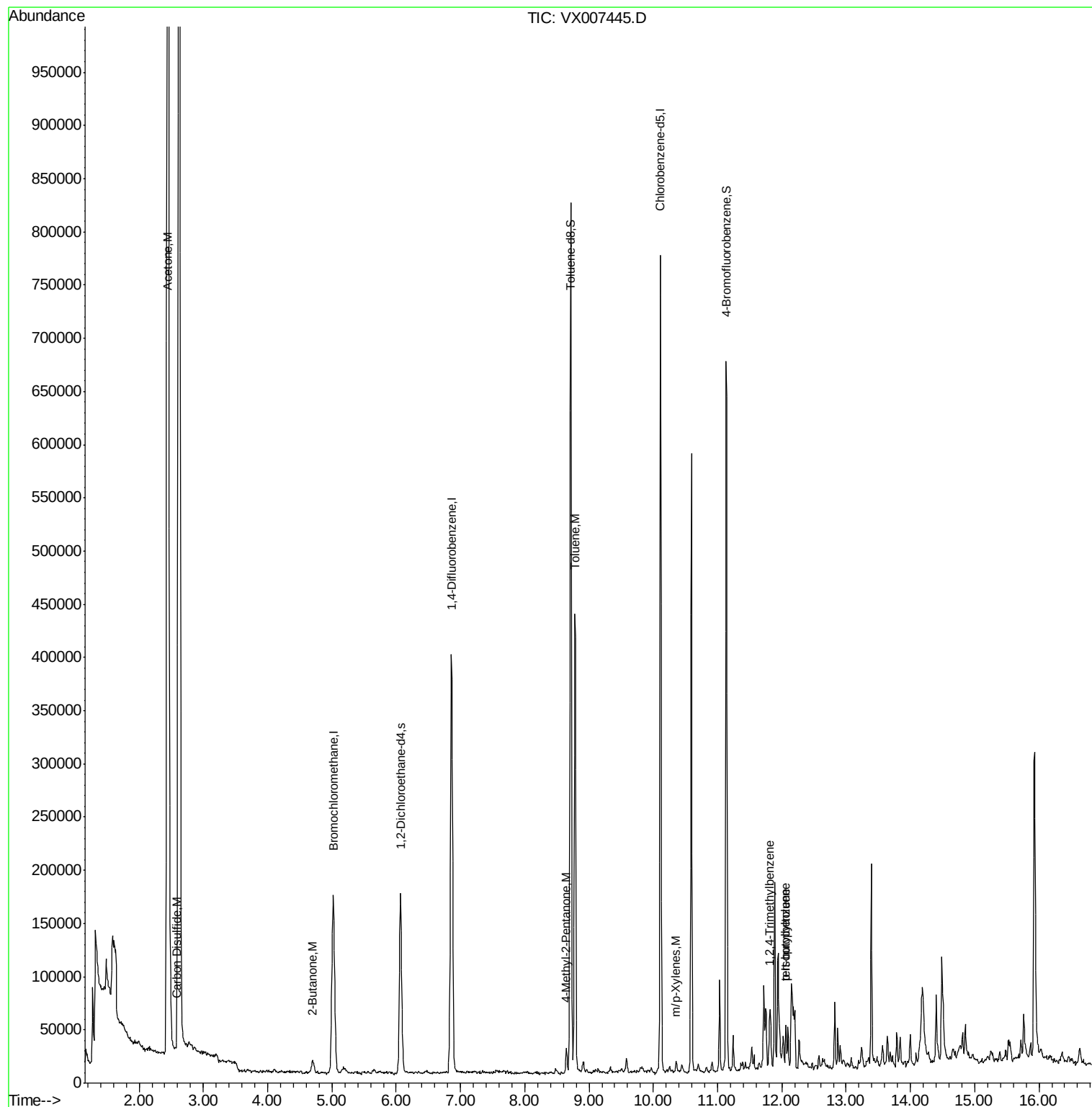
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020819\
Data File : VX007445.D
Acq On : 08 Feb 2019 16:36
Operator : JC/SP
Sample : K1415-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

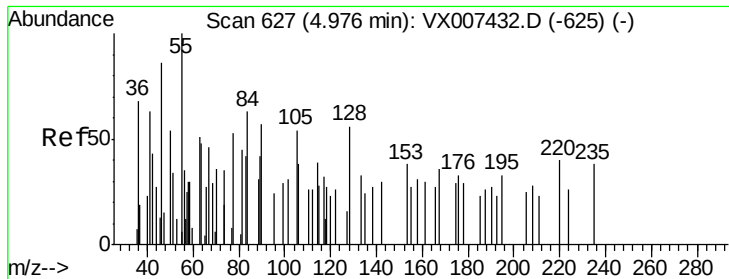
Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(FEB)

Manual Integrations
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Quant Time: Feb 08 23:49:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 28 10:35:22 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007445.D

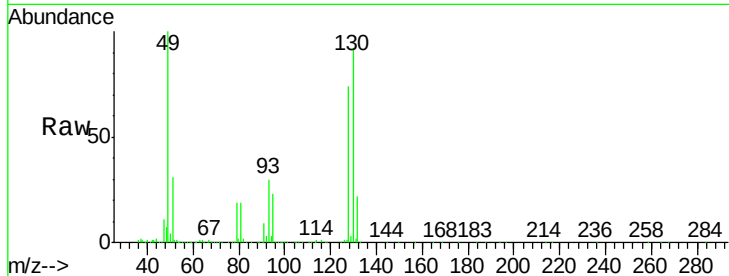
Acq: 08 Feb 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

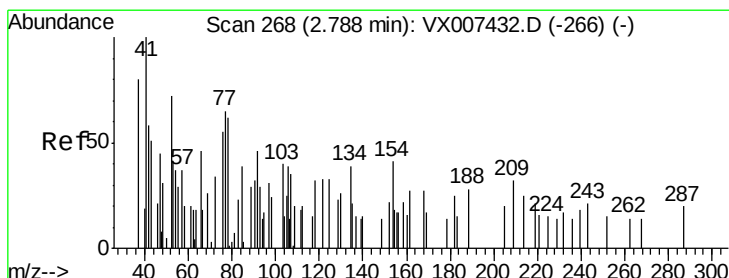
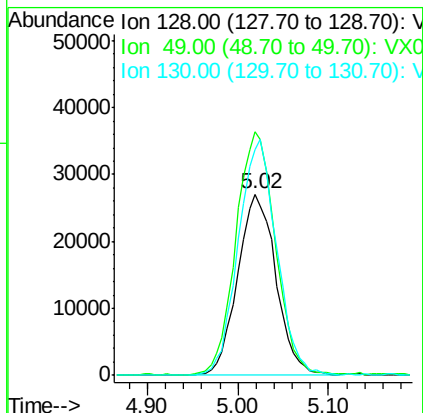
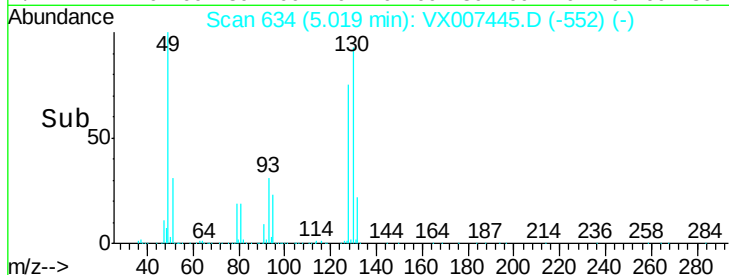
002M-35TH-AVE(FEB)



Tot Ion:	128	Resp:	79241
Ion Ratio	Lower	Upper	
128	100		
49	138.0	0.0	345.5
130	130.0	0.0	320.0

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#15

Acetone

Concen: 1704.249 ug/l

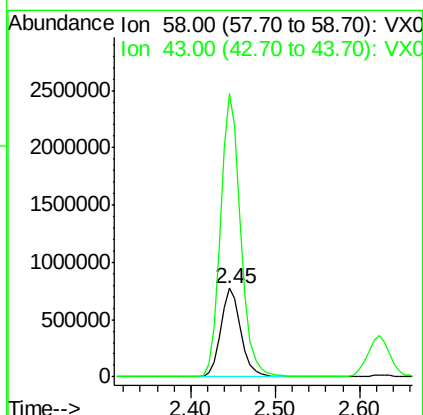
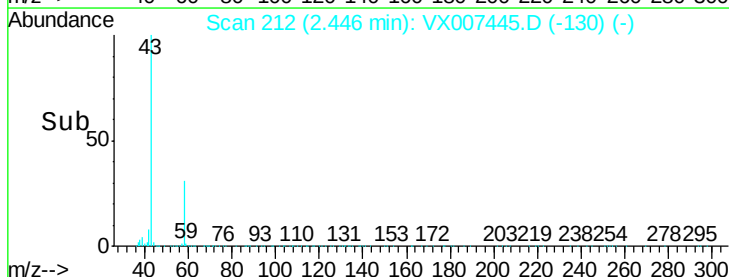
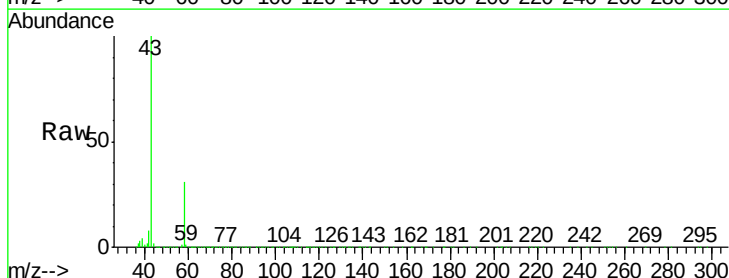
RT: 2.45 min Scan# 212

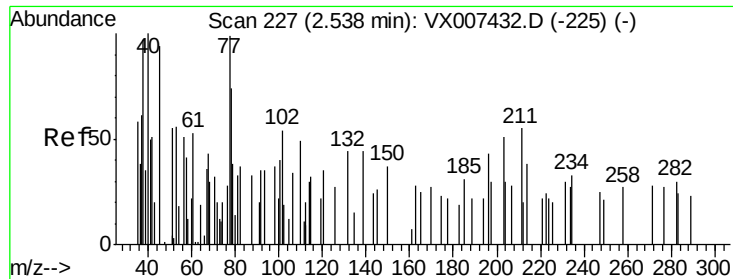
Delta R.T. -0.00 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Tgt Ion:	58	Resp:	1263186
Ion Ratio	Lower	Upper	
58	100		
43	320.7	265.9	398.9





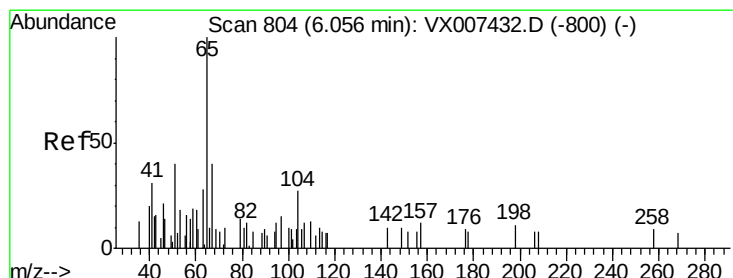
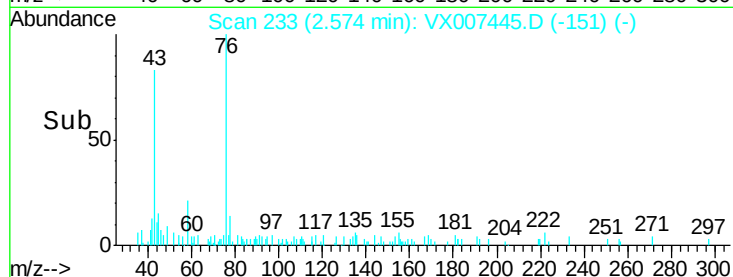
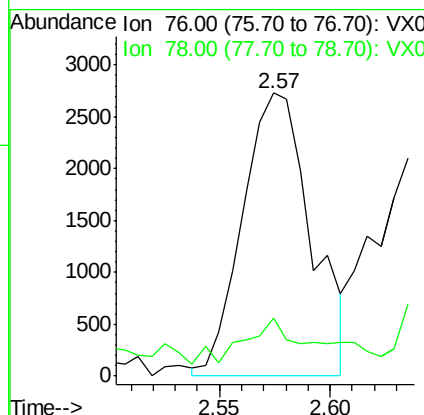
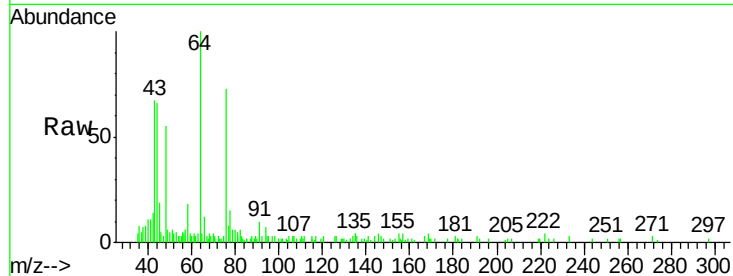
#16
Carbon Disulfide
Concen: 0.599 ug/l m
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(FEB)

Tot Ion: 76 Resp: 5905
Ion Ratio Lower Upper
76 100
78 20.7 7.7 11.5#

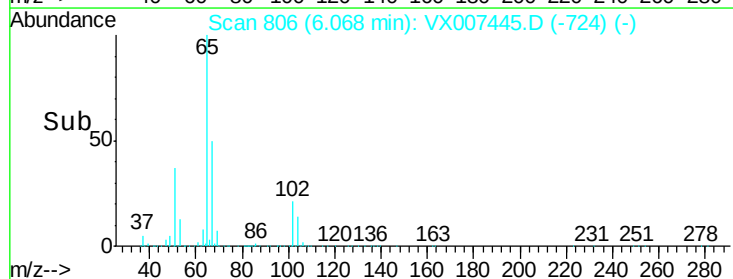
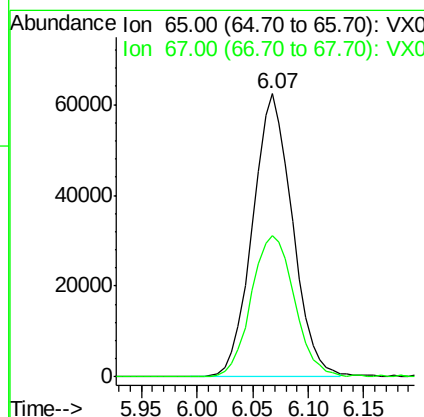
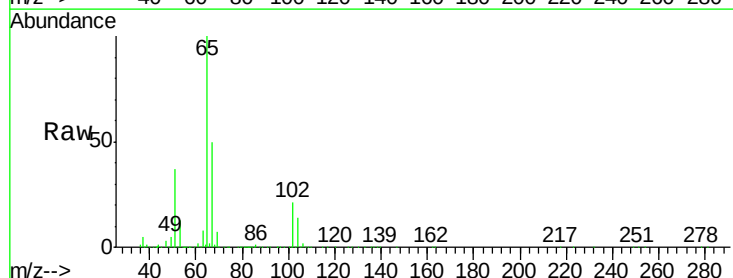
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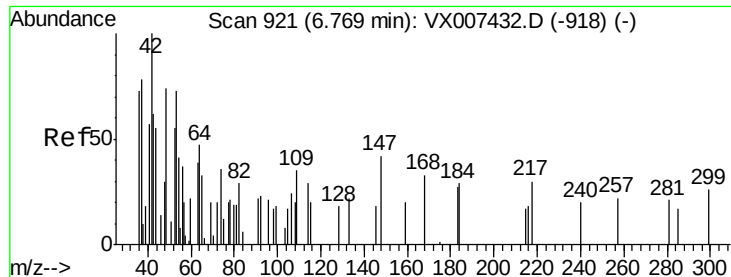
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#27
1,2-Dichloroethane-d4
Concen: 29.862 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion: 65 Resp: 155328
Ion Ratio Lower Upper
65 100
67 53.7 42.0 63.0





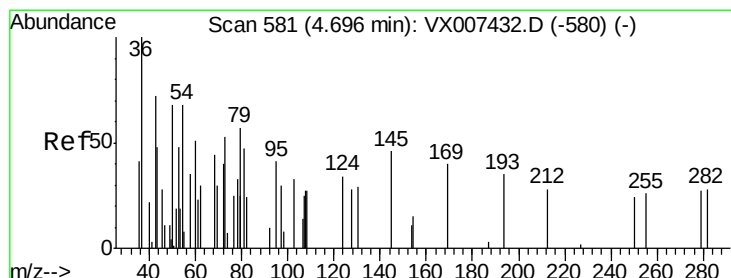
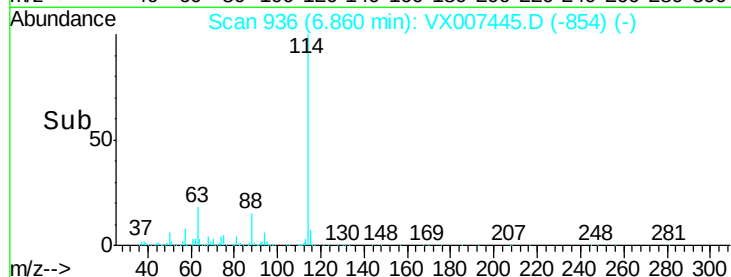
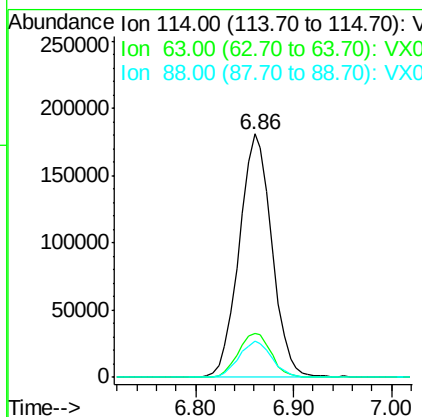
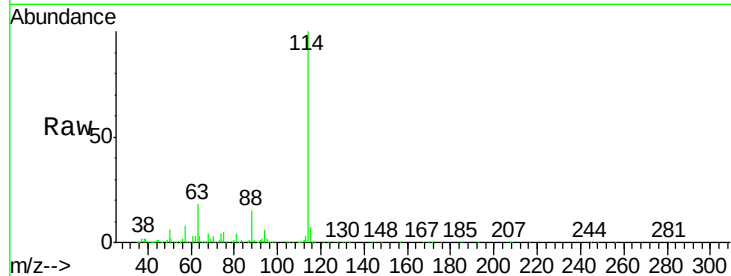
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007445.D
 Acq: 08 Feb 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(FEB)

Tot Ion	Ratio	Resp	Lower	Upper
114	100	419430		
63	18.3		14.6	21.8
88	14.7		11.8	17.6

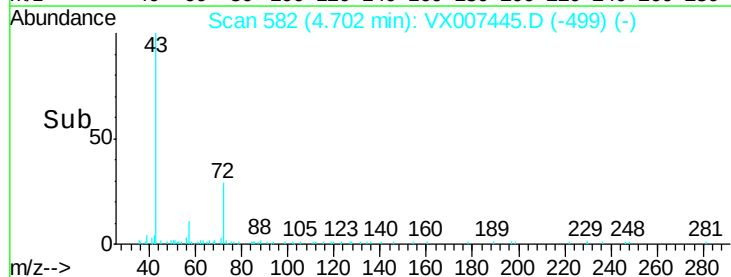
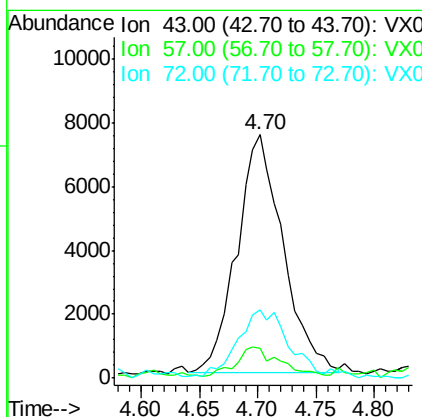
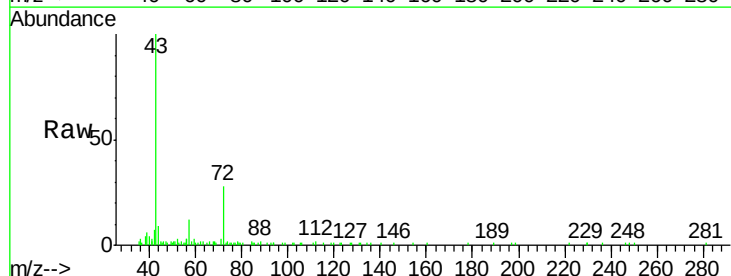
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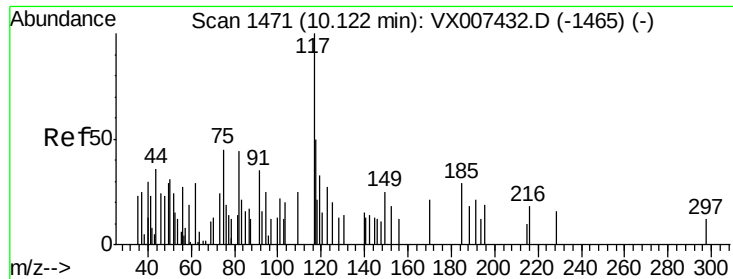
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#30
 2-Butanone
 Concen: 6.304 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: VX007445.D
 Acq: 08 Feb 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	20597		
57	7.7		3.3	4.9#
72	30.0		22.0	33.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Instrument :

MSVOA_X

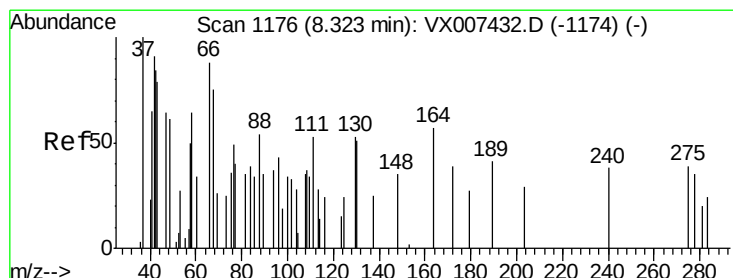
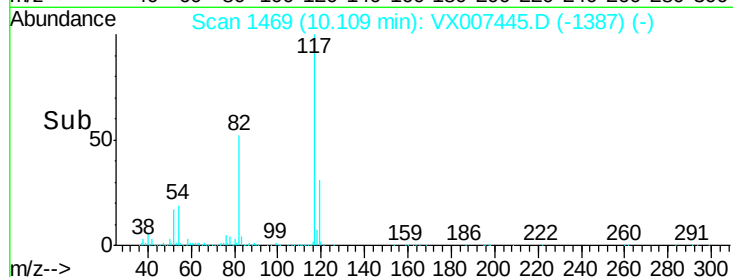
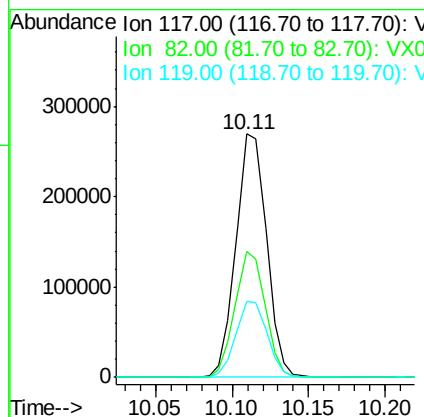
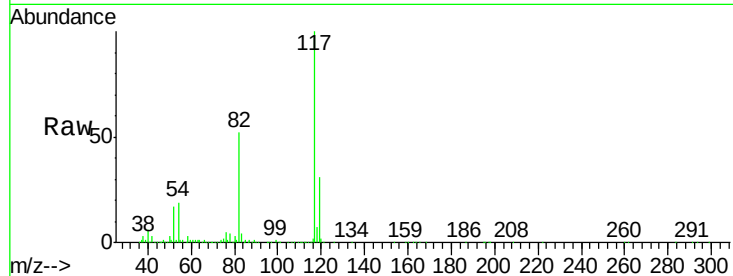
ClientSampleId :

002M-35TH-AVE(FEB)

Tot Ion:	117	Resp:	376312
Ion Ratio	Lower	Upper	
117	100		
82	51.0	41.4	62.0
119	31.9	25.7	38.5

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#58

4-Methyl-2-Pentanone

Concen: 2.224 ug/l

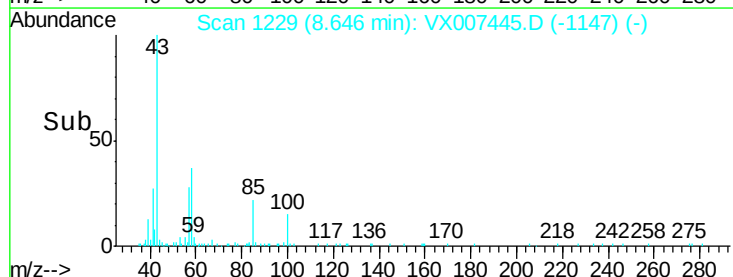
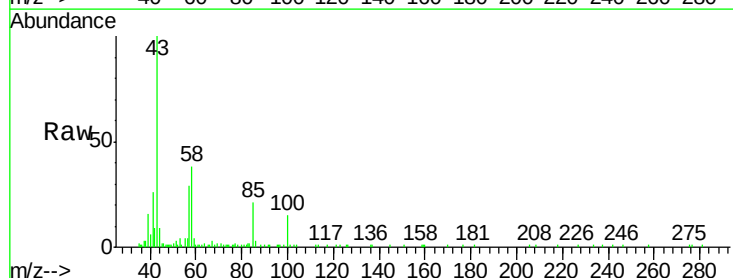
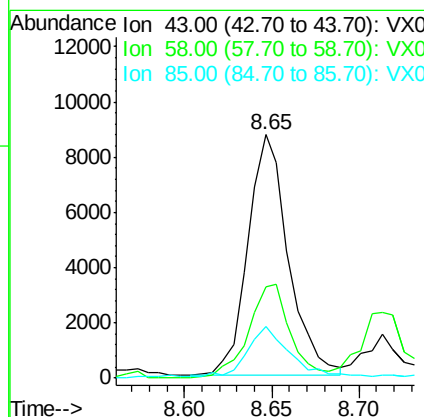
RT: 8.65 min Scan# 1229

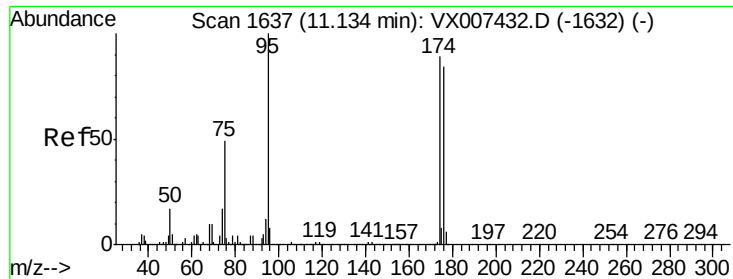
Delta R.T. -0.00 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Tgt Ion:	43	Resp:	13996
Ion Ratio	Lower	Upper	
43	100		
58	40.7	31.6	47.4
85	22.7	14.9	22.3#





#60

4-Bromofluorobenzene

Concen: 30.213 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Instrument :

MSVOA_X

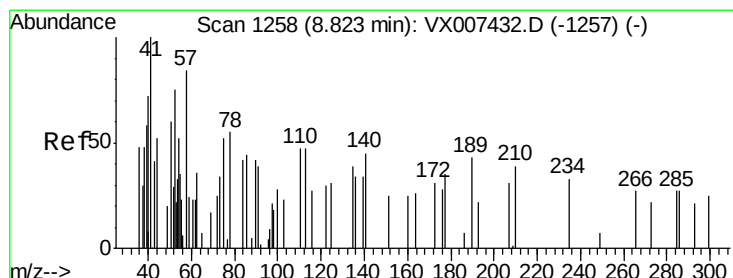
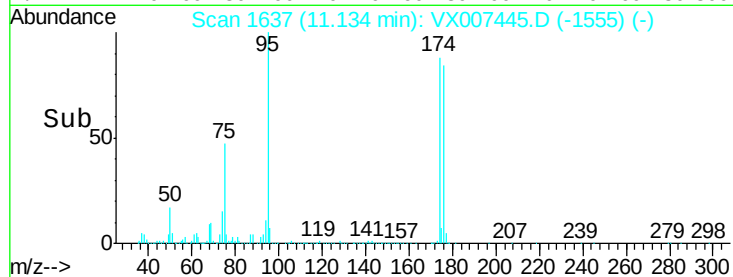
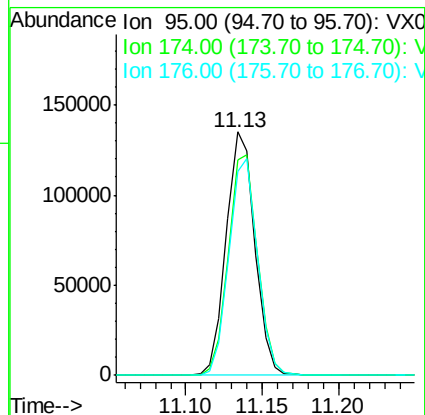
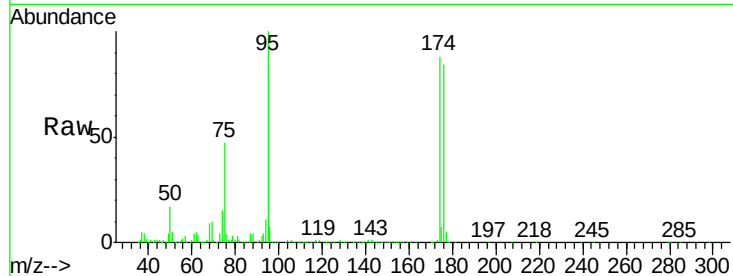
ClientSampleId :

002M-35TH-AVE(FEB)

Tot Ion:	95	Resp:	175481
Ion Ratio	Lower	Upper	
95	100		
174	92.1	74.8	112.2
176	88.8	72.5	108.7

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#62

Toluene

Concen: 15.165 ug/l

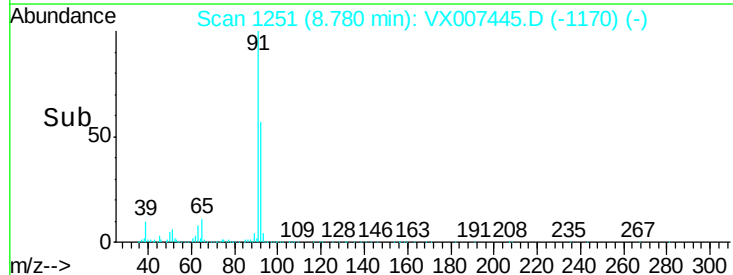
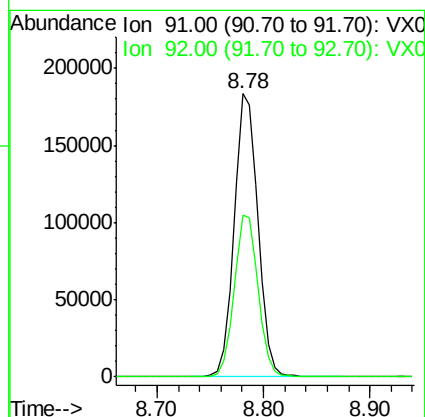
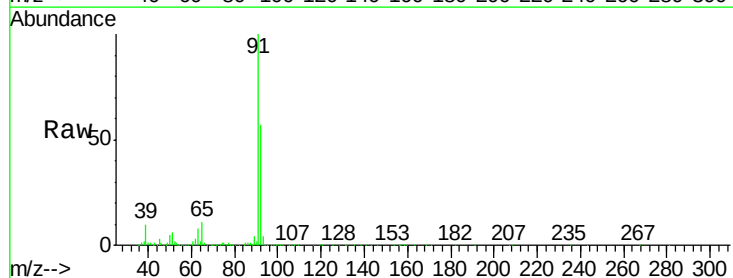
RT: 8.78 min Scan# 1251

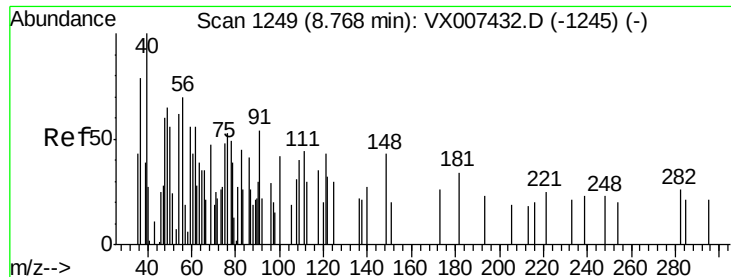
Delta R.T. -0.01 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Tgt Ion:	91	Resp:	287252
Ion Ratio	Lower	Upper	
91	100		
92	57.2	46.0	69.0





#63

Toluene-d8

Concen: 29.323 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007445.D

Acq: 08 Feb 2019 16:36

Instrument :

MSVOA_X

ClientSampleId :

002M-35TH-AVE(FEB)

Tot Ion: 98 Resp: 497389

Ion Ratio Lower Upper

98 100

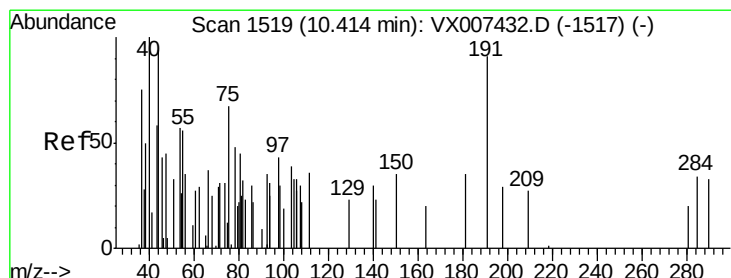
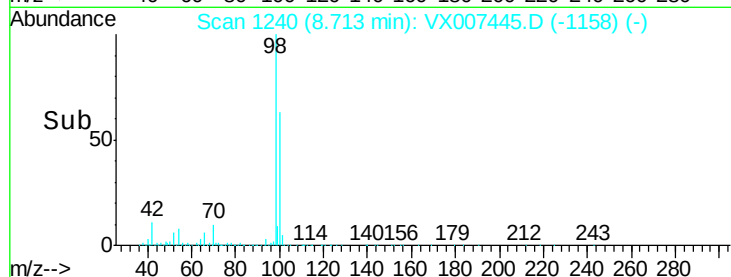
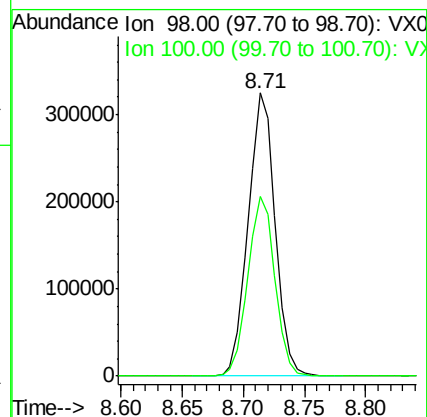
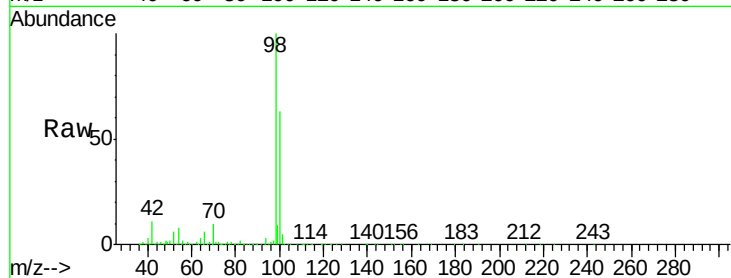
100 63.6 49.9 74.9

Manual Integrations

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#67

m/p-Xylenes

Concen: 0.322 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX007445.D

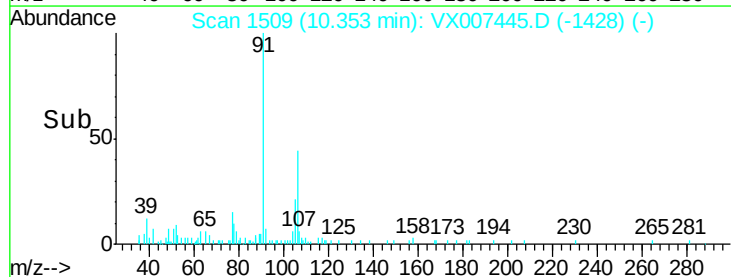
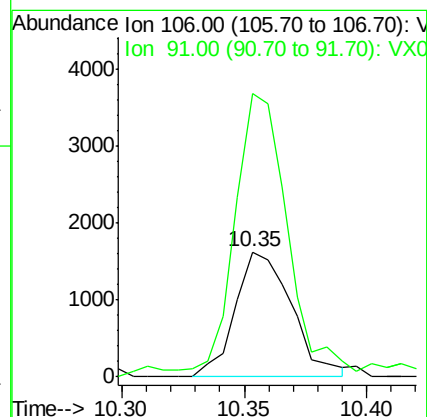
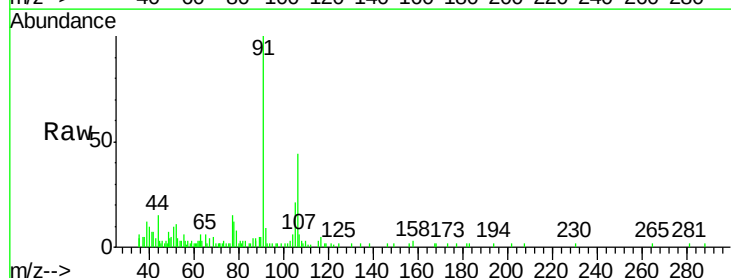
Acq: 08 Feb 2019 16:36

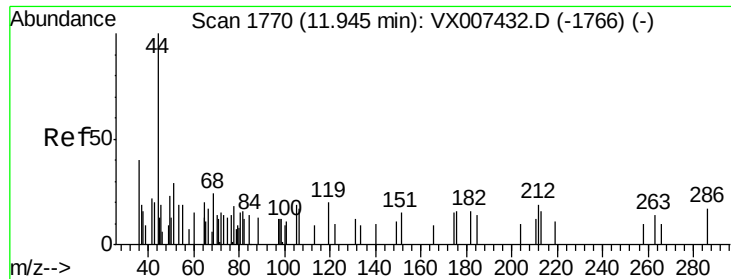
Tgt Ion: 106 Resp: 2611

Ion Ratio Lower Upper

106 100

91 208.0 157.6 236.4





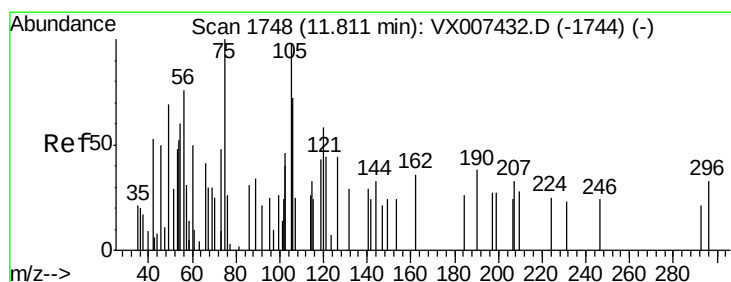
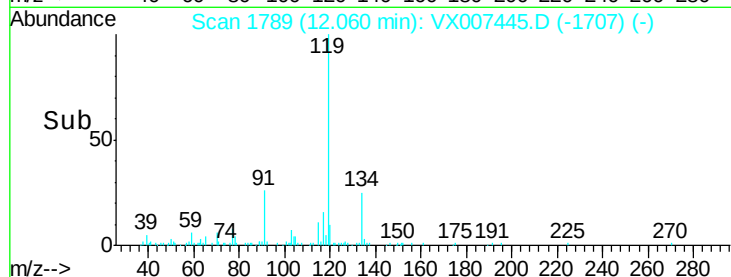
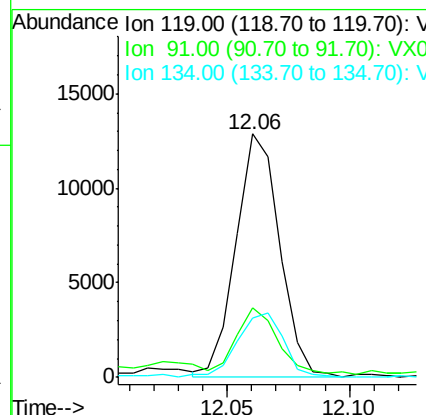
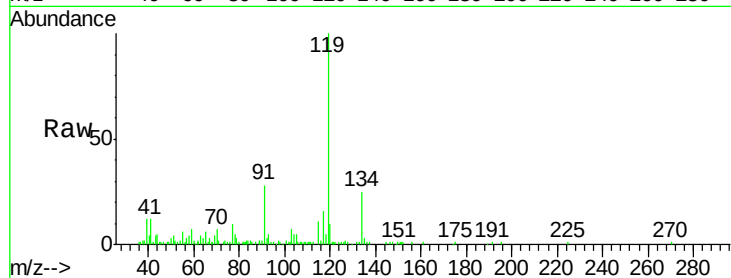
#79
tert-butylbenzene
Concen: 0.845 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Instrument :
MSVOA_X
ClientSampleId :
002M-35TH-AVE(FEB)

Tot Ion	Ratio	Resp	Lower	Upper
119	100	16041		
91	26.2	0.0	45.0	
134	28.1	0.0	55.8	

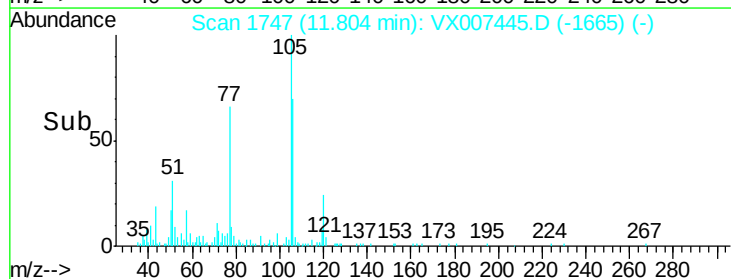
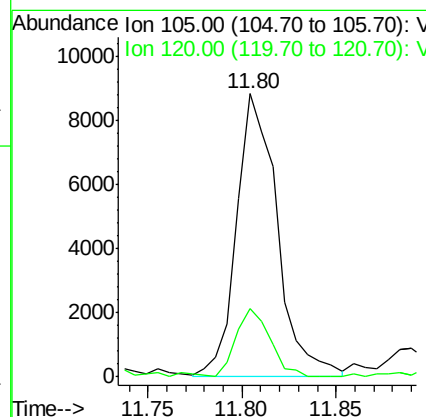
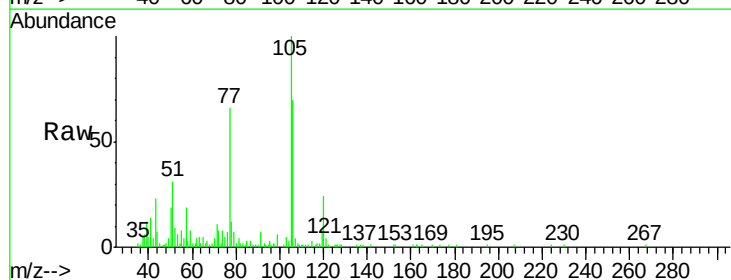
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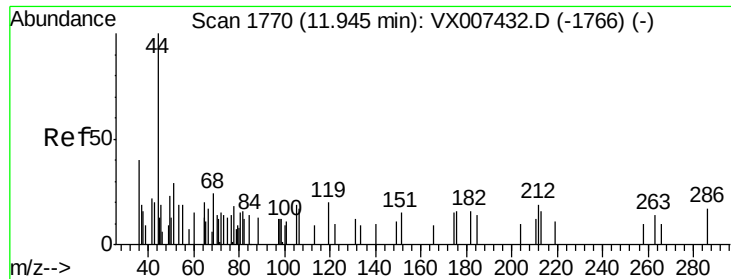
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#80
1,2,4-Trimethylbenzene
Concen: 0.749 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007445.D
Acq: 08 Feb 2019 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	13299		
120	20.2	0.0	94.4	





#82
 p-Isopropyltoluene
 Concen: 0.845 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007445.D
 Acq: 08 Feb 2019 16:36

Instrument :
 MSVOA_X
 ClientSampleId :
 002M-35TH-AVE(FEB)

Tot Ion	Ratio	Resp Lower	Upper
119	100		
134	28.1	0.0	55.8
91	26.2	0.0	45.0

Manual Integrations
 APPROVED

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 2/11/2019 9:39:29 AM

