

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112619\
 Data File : VX013634.D
 Acq On : 27 Nov 2019 05:48
 Operator : JC/SP
 Sample : K6002-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Manual Integrations
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 11/27/2019 4:20:45 PM

Quant Time: Nov 29 08:47:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	676904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1054673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	977773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	475507	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	386388	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
35) Dibromofluoromethane	5.49	113	318565	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	1308471	51.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	461672	50.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.80%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.03	59	54101	27.895	ug/l #	74
16) Acetone	2.43	43	29216	7.531	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	1434379	67.214	ug/l #	60
22) Diisopropyl ether	3.85	45	35096	1.559	ug/l #	78
25) 2-Butanone	4.67	43	12974	2.250	ug/l	98
31) Cyclohexane	5.58	56	341345	29.409	ug/l #	96
39) Methylcyclohexane	7.46	83	430124	36.346	ug/l	100
40) Benzene	6.14	78	24140536	827.905	ug/l #	90
43) Isopropyl Acetate	6.42	43	4813885	272.248	ug/l #	15
52) Toluene	8.78	92	4786455	264.234	ug/l	98
67) Ethyl Benzene	10.25	91	15355264	440.178	ug/l #	60
68) m/p-Xylenes	10.36	106	18500525	1385.223	ug/l #	1
69) o-Xylene	10.70	106	9376254	719.827	ug/l	66
73) Isopropylbenzene	11.01	105	1117130	33.492	ug/l	100
78) n-propylbenzene	11.35	91	1956364	52.542	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	4940380	180.719	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	14706285m	530.055	ug/l	
95) Naphthalene	13.83	128	8554792	265.588	ug/l	98

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

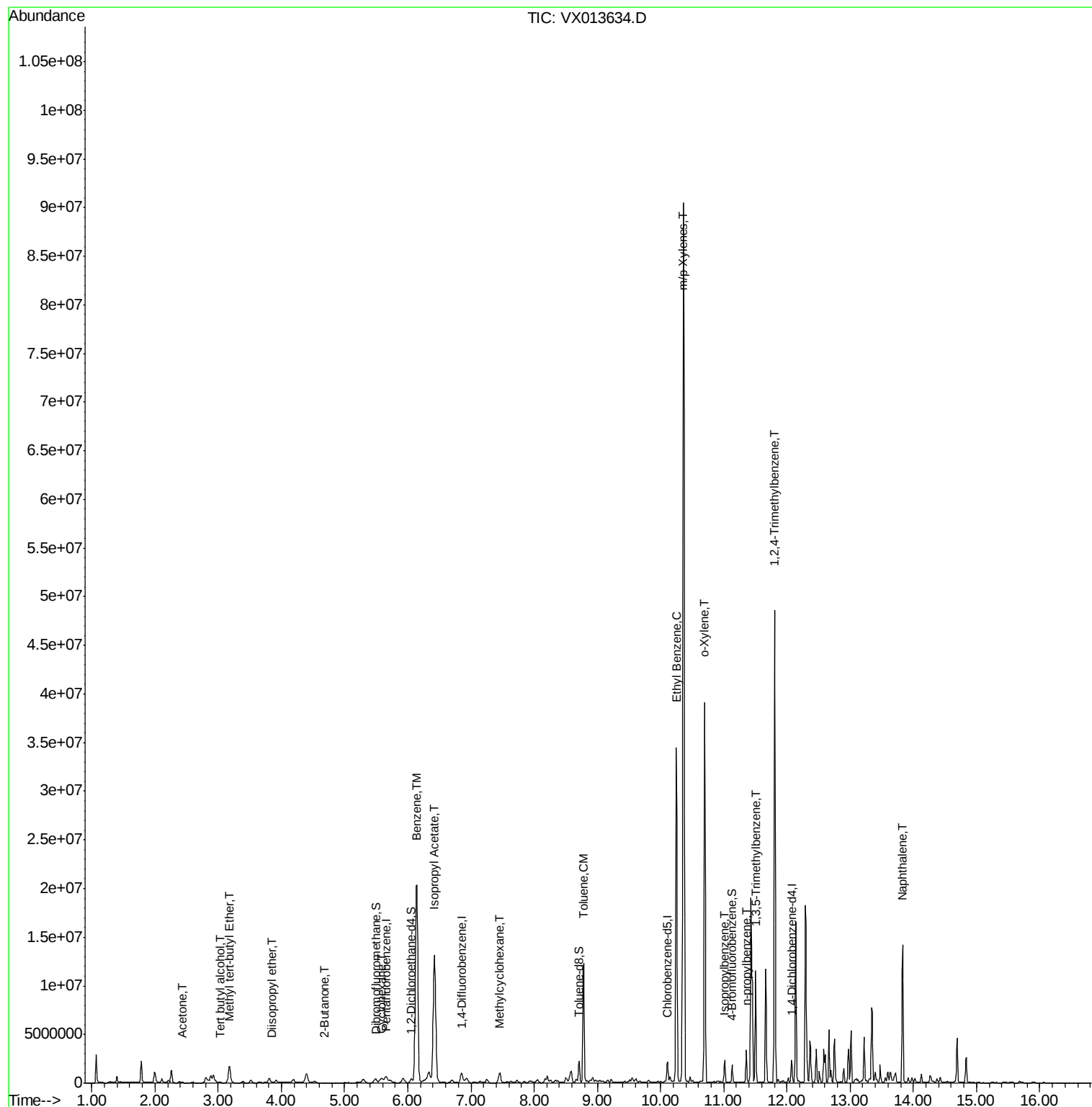
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX112619\
Data File : VX013634.D
Acq On : 27 Nov 2019 05:48
Operator : JC/SP
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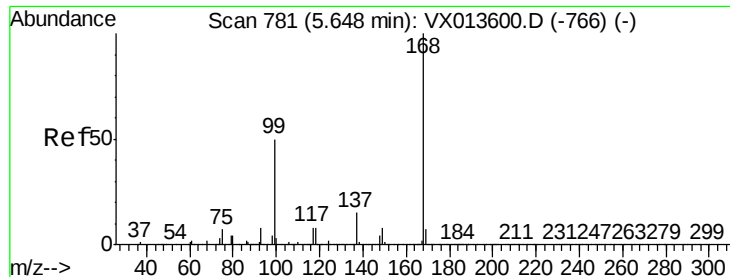
Instrument :
MSVOA_X
ClientSampleId :
MW-6

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Quant Time: Nov 29 08:47:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

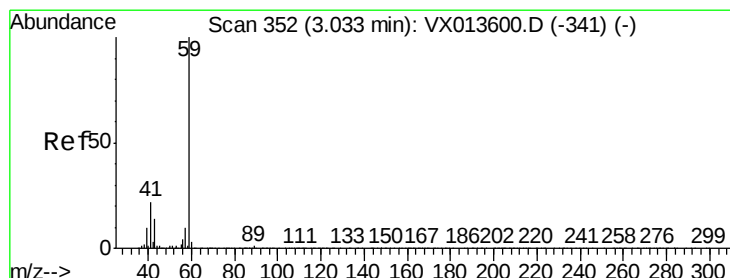
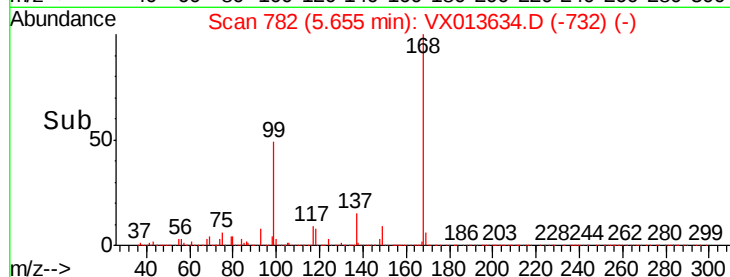
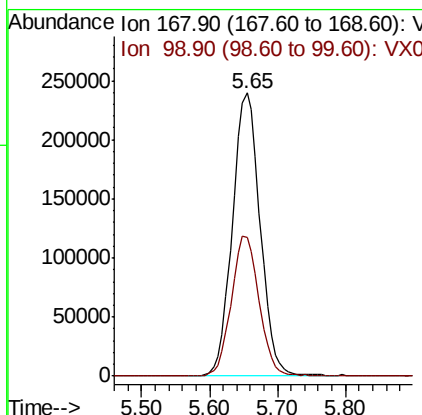
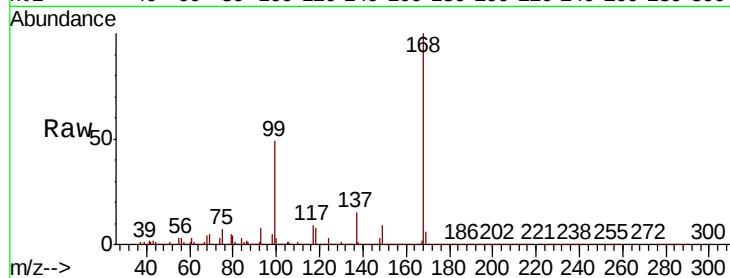
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.8	39.8	59.8

Manual Integrations
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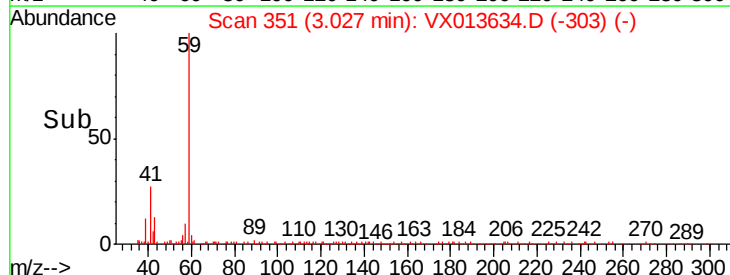
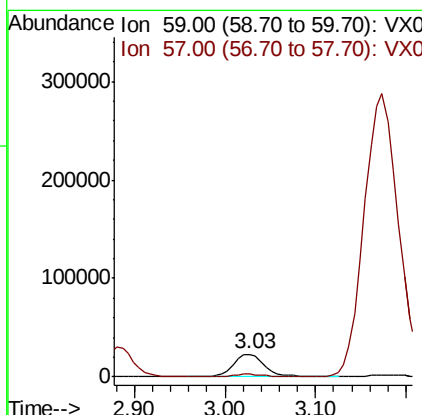
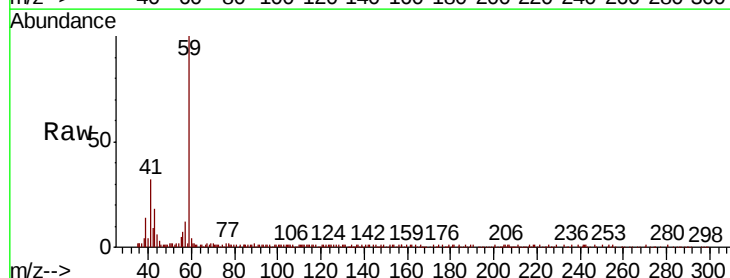
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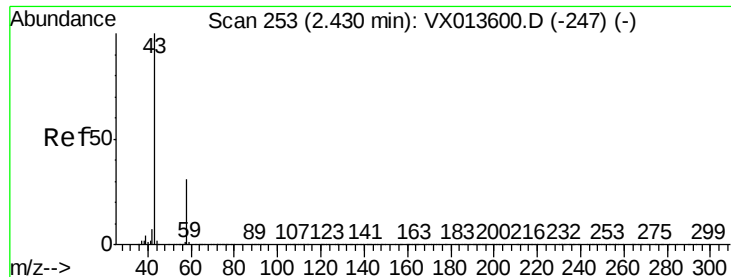


#11

Tert butyl alcohol
 Concen: 27.895 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#





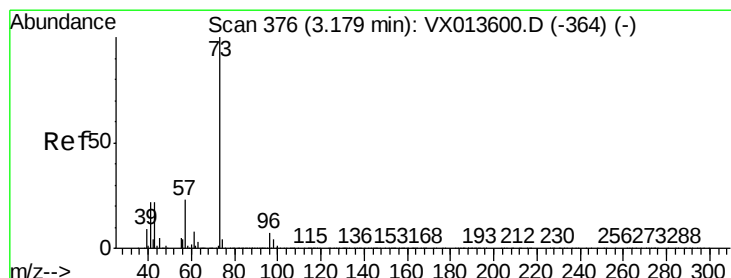
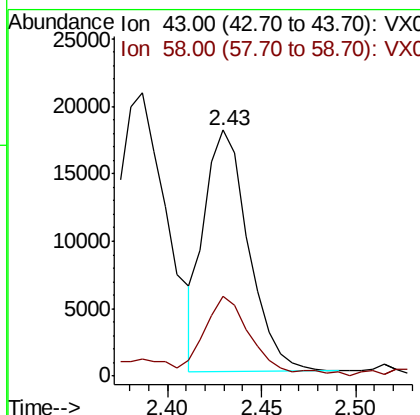
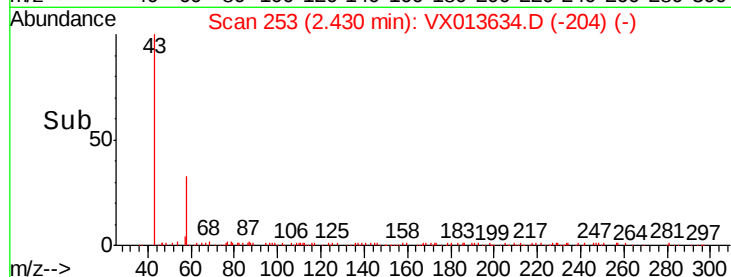
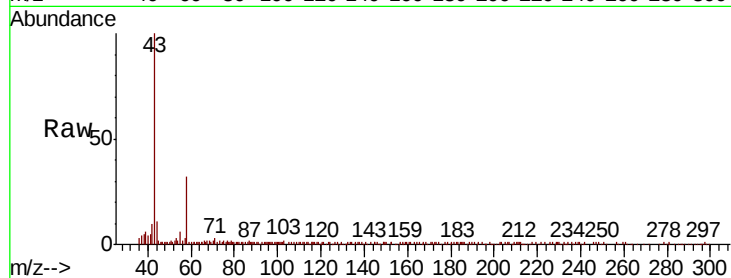
#16
Acetone
Concen: 7.531 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.6	36.8

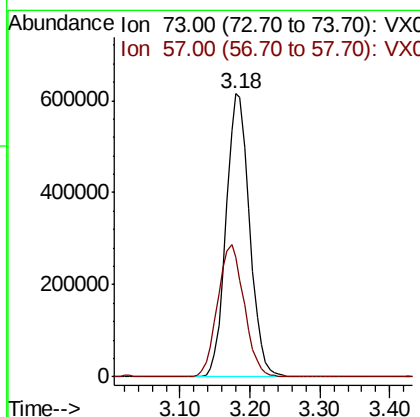
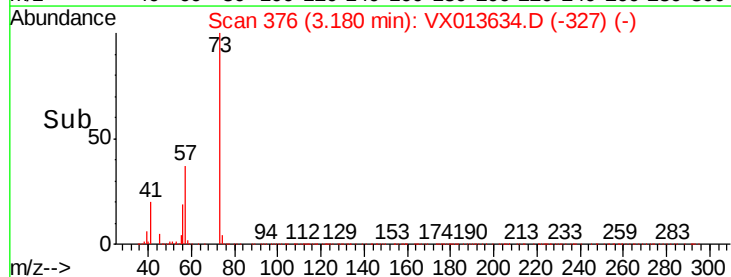
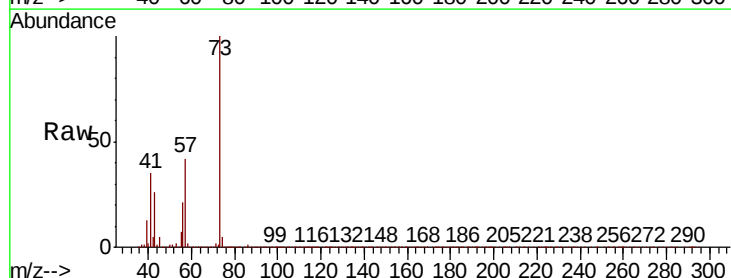
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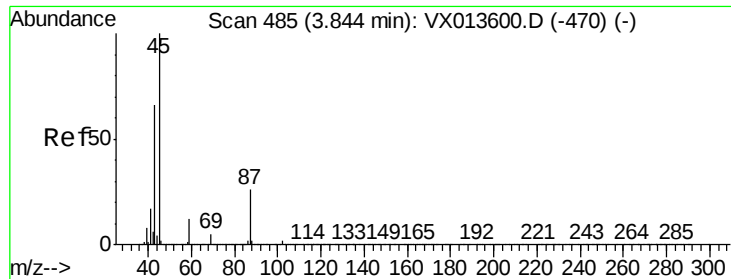
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#19
Methyl tert-butyl Ether
Concen: 67.214 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
73	100		
57	42.1	18.3	27.5#





#22

Diisopropyl ether

Concen: 1.559 ug/l

RT: 3.85 min Scan# 486

Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

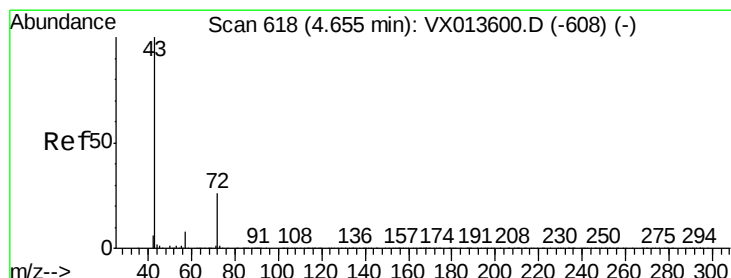
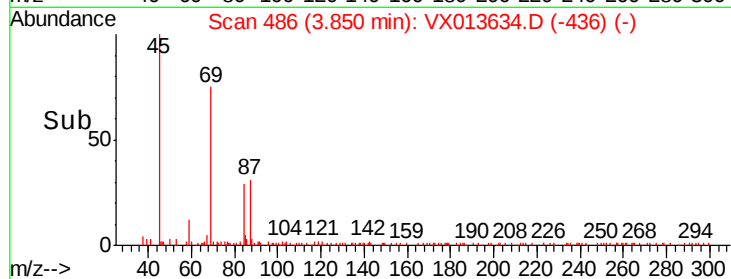
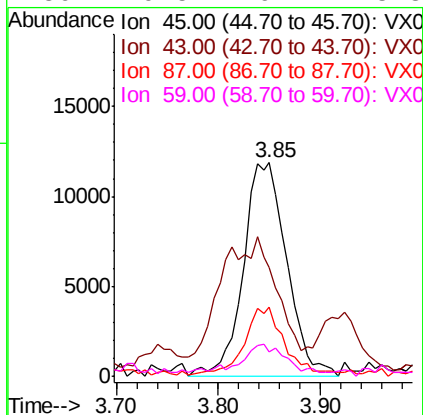
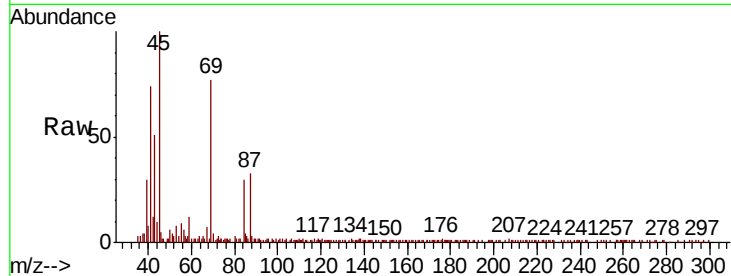
ClientSampled :

MW-6

Tot Ion	45	Resp	35096
Ion Ratio	Lower	Upper	
45	100		
43	42.3	52.6	79.0#
87	31.8	21.1	31.7#
59	9.5	9.2	13.8

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#25

2-Butanone

Concen: 2.250 ug/l

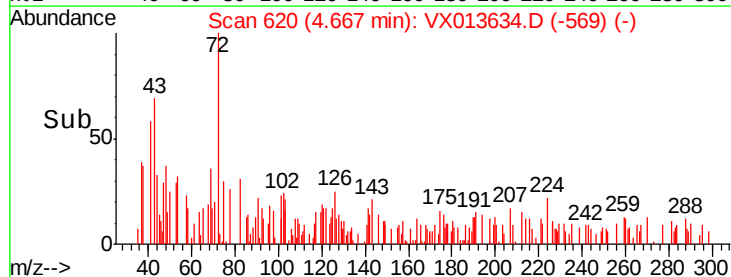
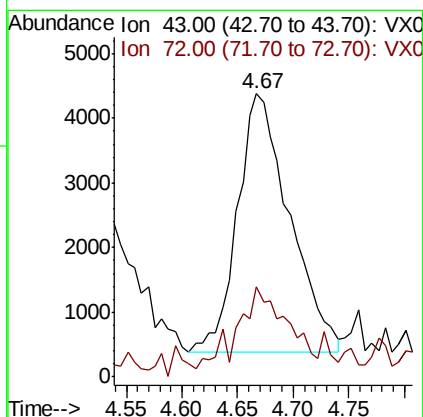
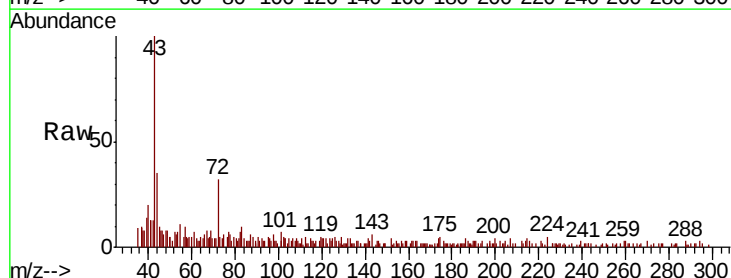
RT: 4.67 min Scan# 620

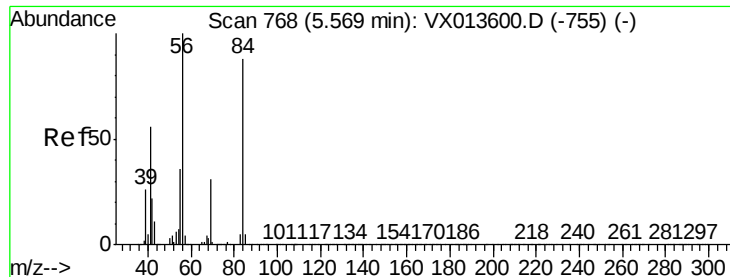
Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Tgt Ion	43	Resp	12974
Ion Ratio	Lower	Upper	
43	100		
72	24.9	20.6	31.0





#31

Cyclohexane

Concen: 29.409 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

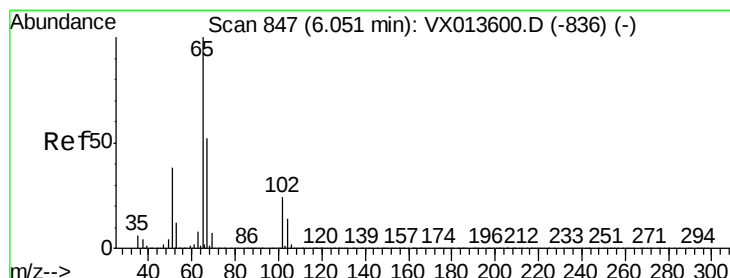
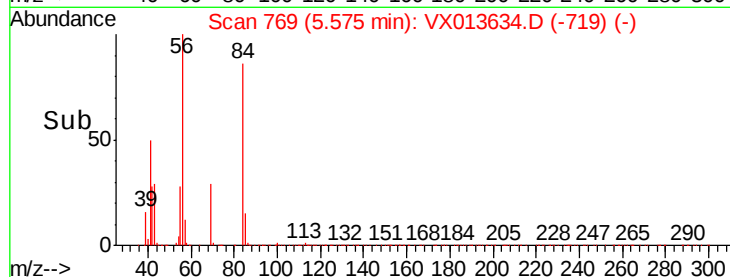
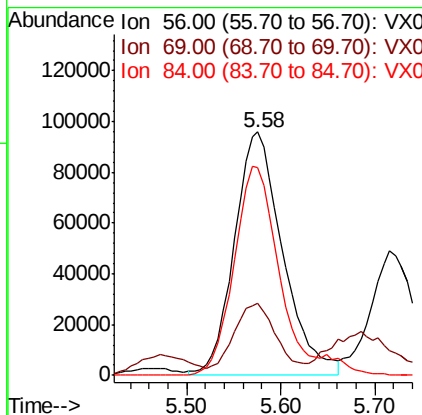
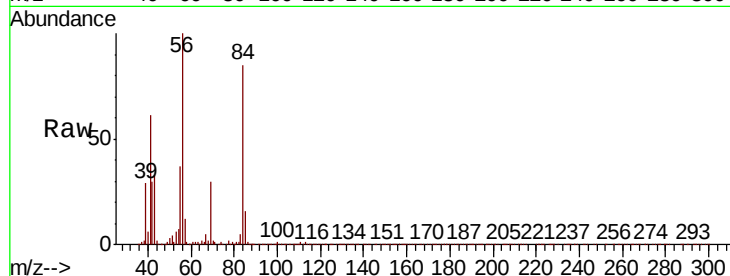
ClientSampleId :

MW-6

Tot Ion:	56	Resp:	341345
Ion Ratio	Lower	Upper	
56	100		
69	24.6	24.6	36.8#
84	86.3	70.0	105.0

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 49.176 ug/l

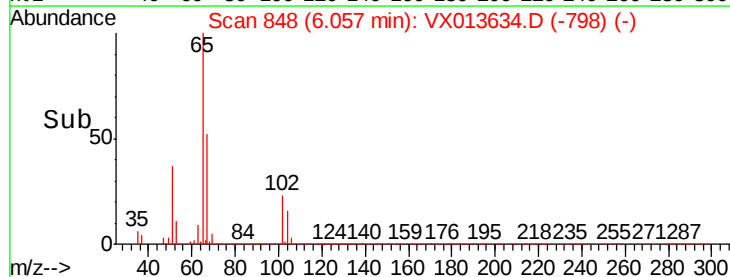
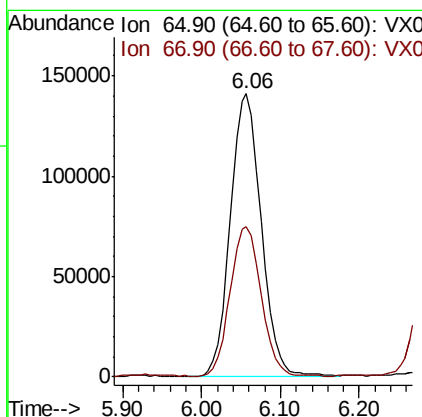
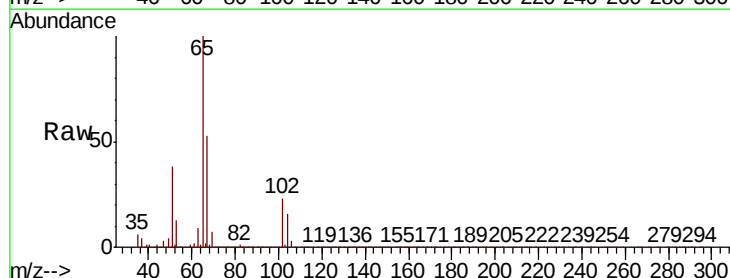
RT: 6.06 min Scan# 848

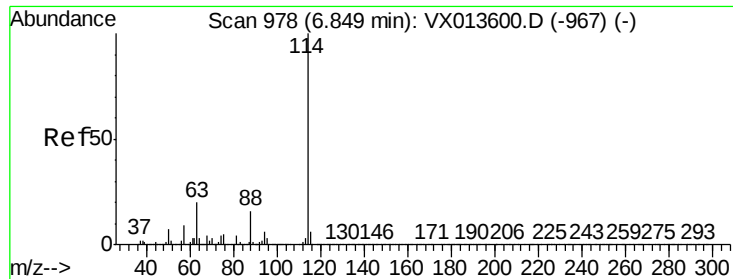
Delta R.T. 0.01 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Tgt Ion:	65	Resp:	386388
Ion Ratio	Lower	Upper	
65	100		
67	52.7	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tot Ion:114 Resp: 1054673

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

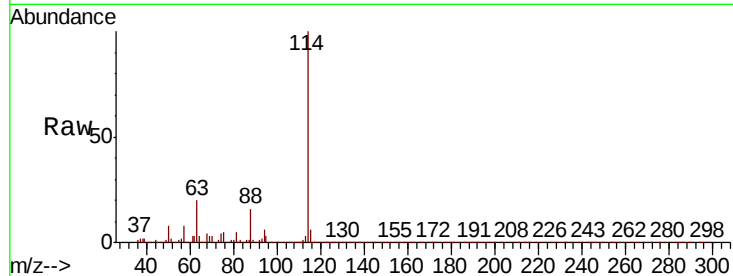
88 15.5 0.0 31.4

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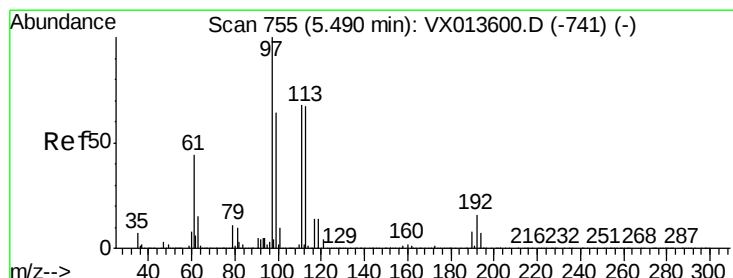
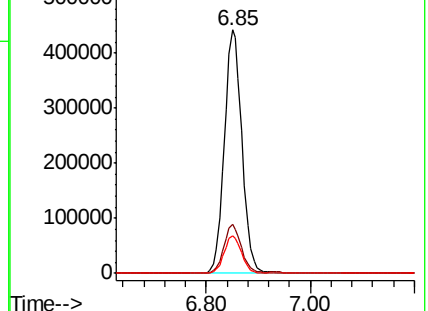
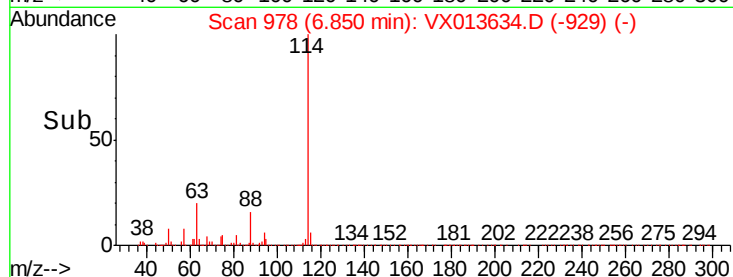
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.859 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

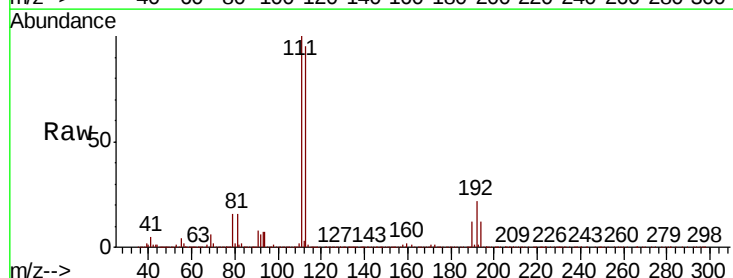
Tgt Ion:113 Resp: 318565

Ion Ratio Lower Upper

113 100

111 101.7 83.6 125.4

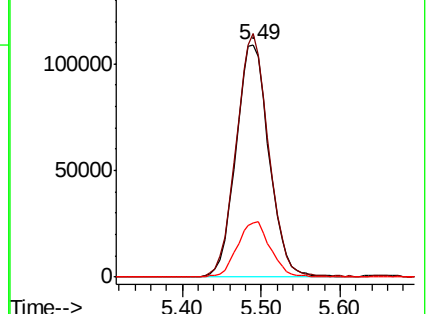
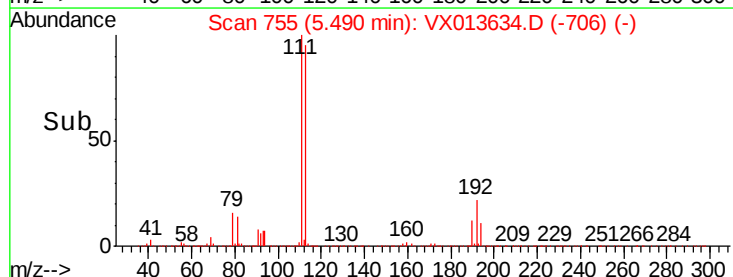
192 24.1 19.2 28.8

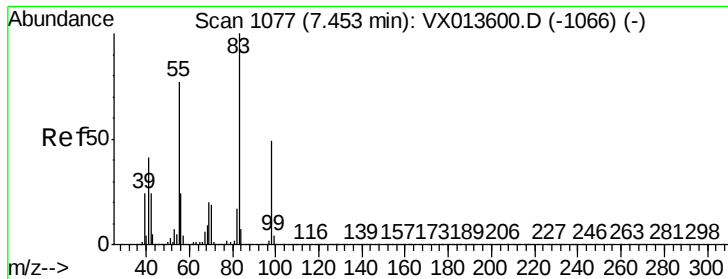


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





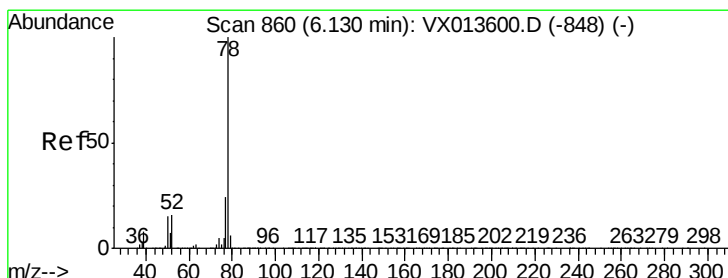
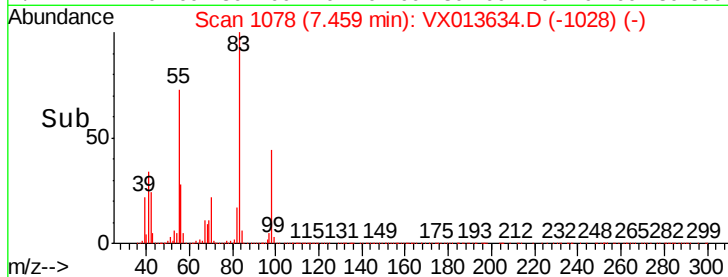
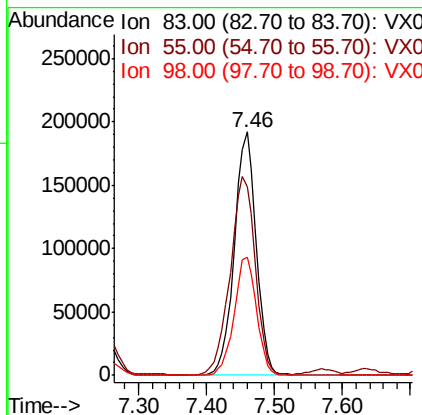
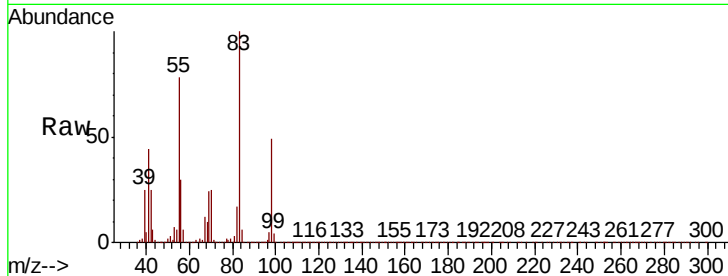
#39
Methvlcvclohexane
Concen: 36.346 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.9	92.9
98	48.6	39.4	59.0

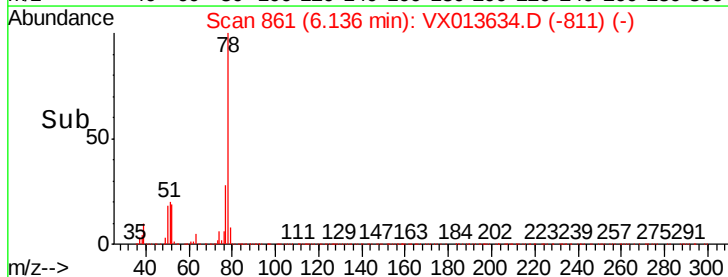
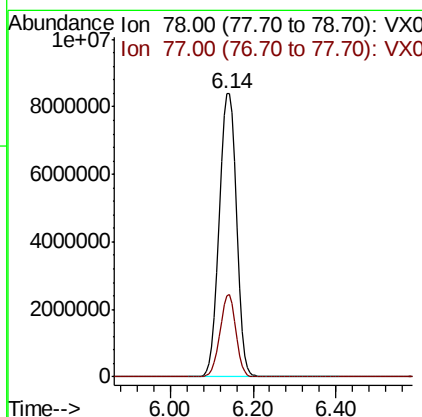
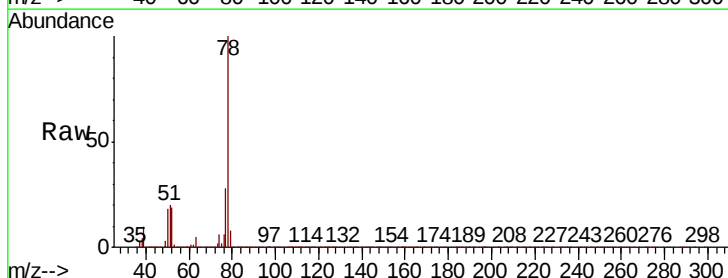
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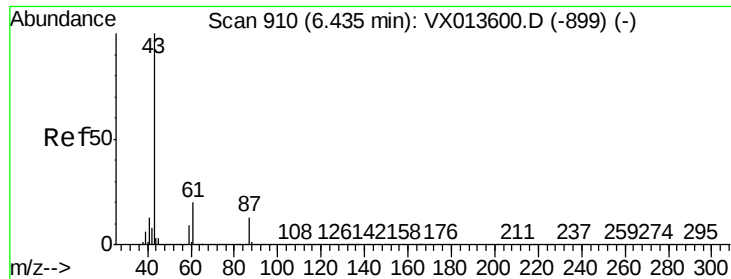
apatel
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#40
Benzene
Concen: 827.905 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.5	19.0	28.4#





#43

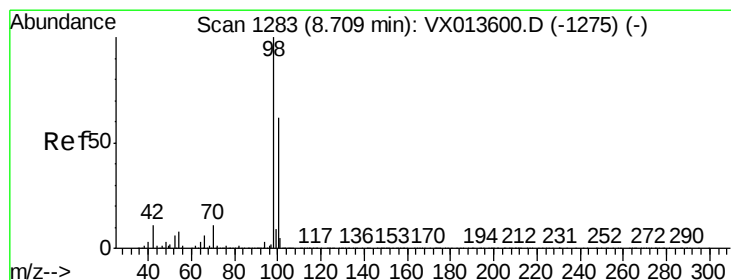
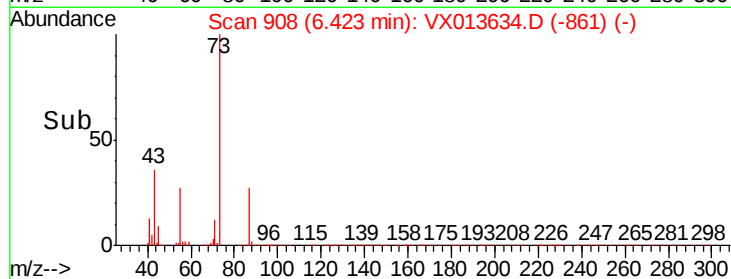
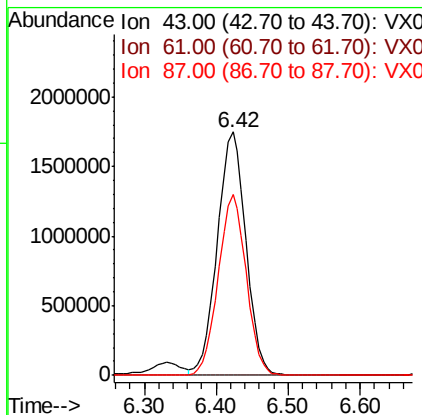
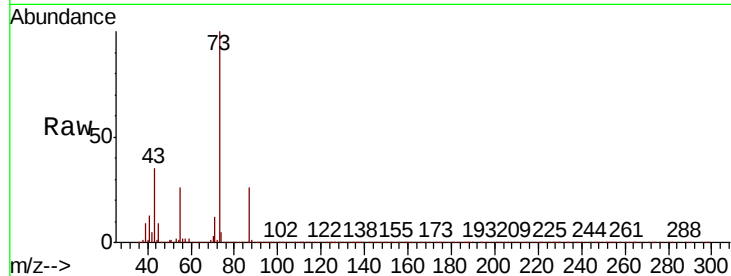
Isopropyl Acetate
 Concen: 272.248 ug/l
 RT: 6.42 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tot Ion: 43 Resp: 4813885
 Ion Ratio Lower Upper
 43 100
 61 0.2 16.3 24.5#
 87 72.7 10.8 16.2#

Manual Integrations
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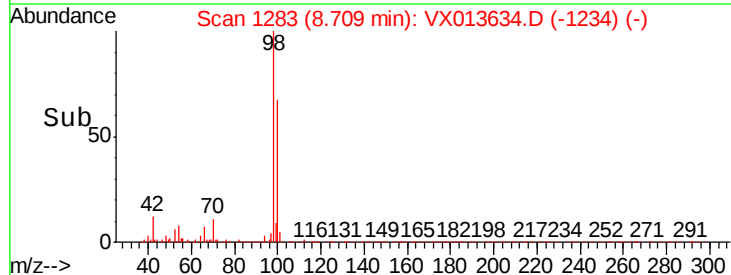
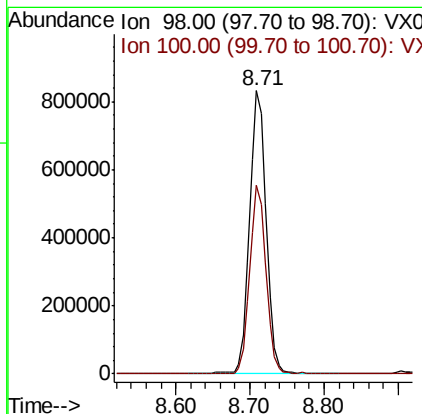
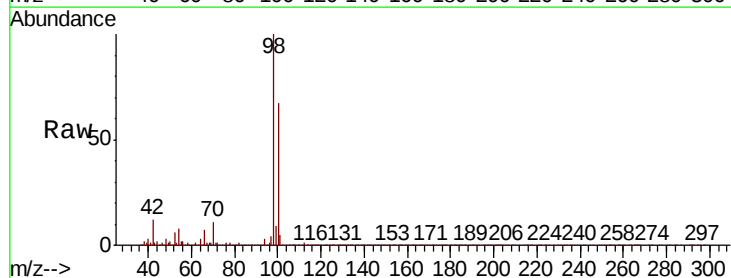
apatel
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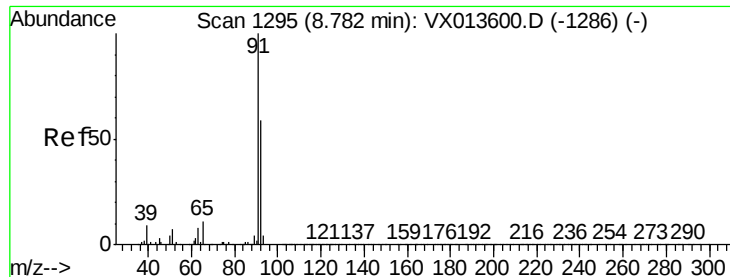


#50

Toluene-d8
 Concen: 51.508 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Tgt Ion: 98 Resp: 1308471
 Ion Ratio Lower Upper
 98 100
 100 65.0 53.1 79.7





#52

Toluene

Concen: 264.234 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tot Ion: 92 Resp: 4786455

Ion Ratio Lower Upper

92 100

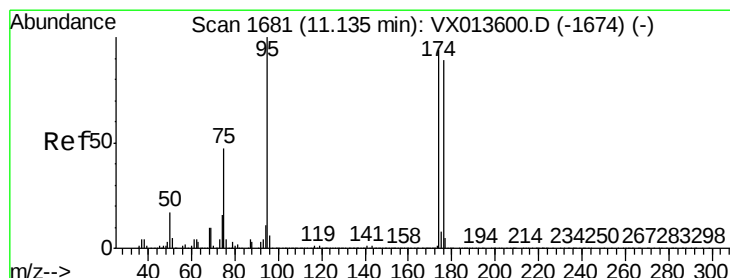
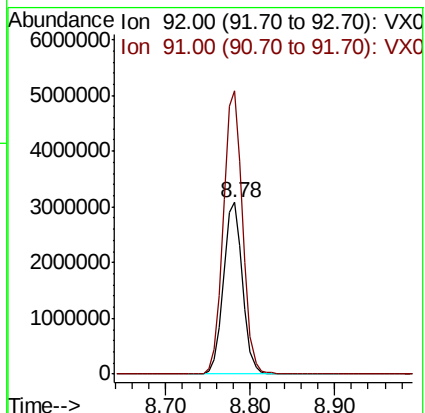
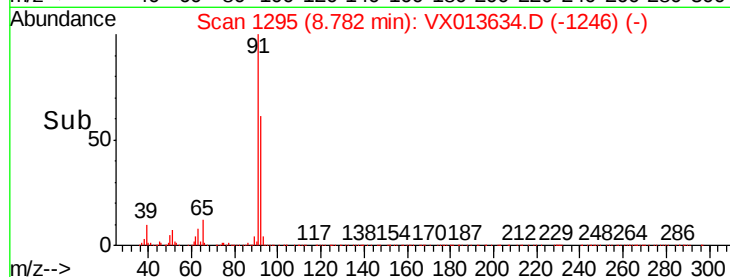
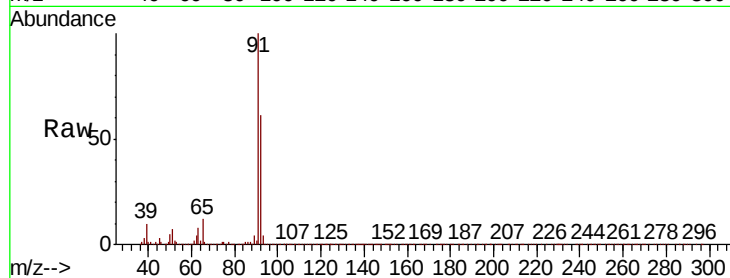
91 167.3 136.2 204.2

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#62

4-Bromofluorobenzene

Concen: 50.398 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

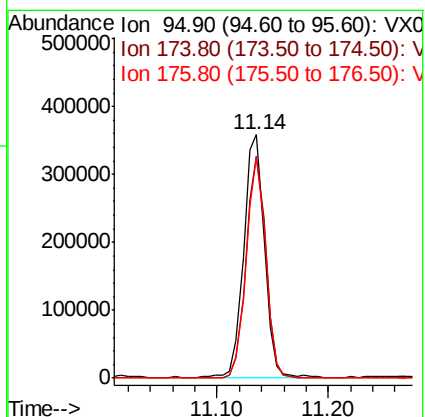
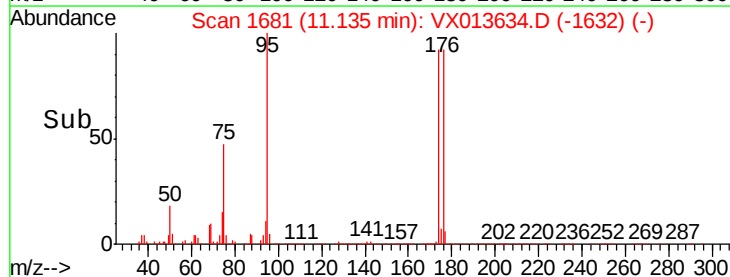
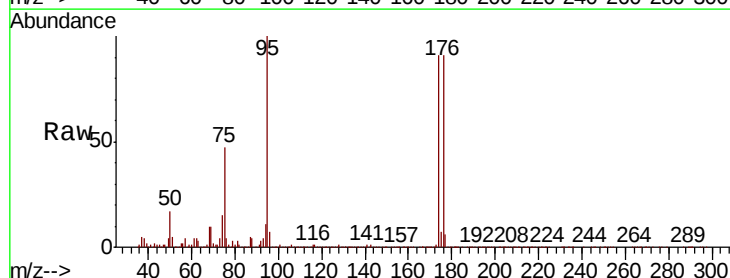
Tgt Ion: 95 Resp: 461672

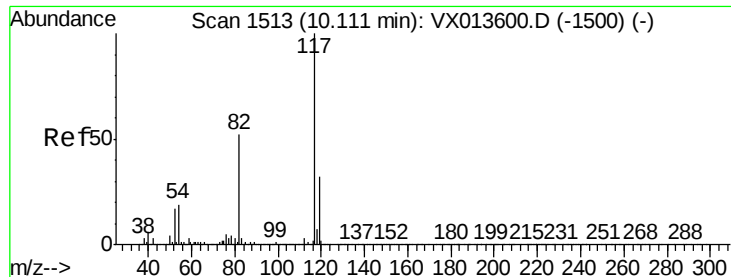
Ion Ratio Lower Upper

95 100

174 87.3 0.0 180.0

176 85.3 0.0 173.6





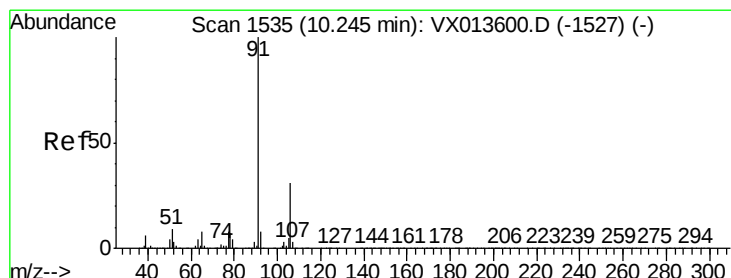
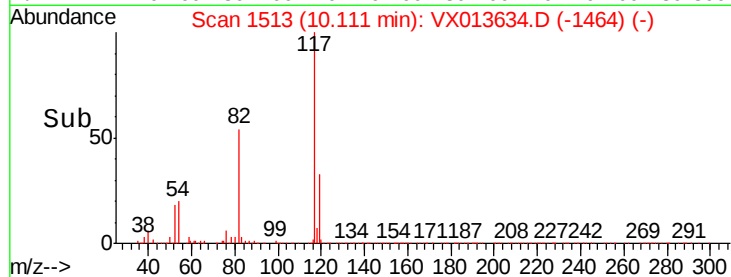
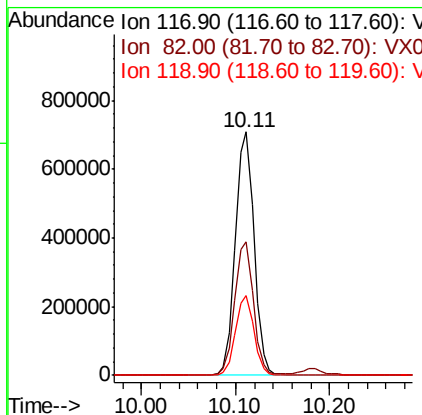
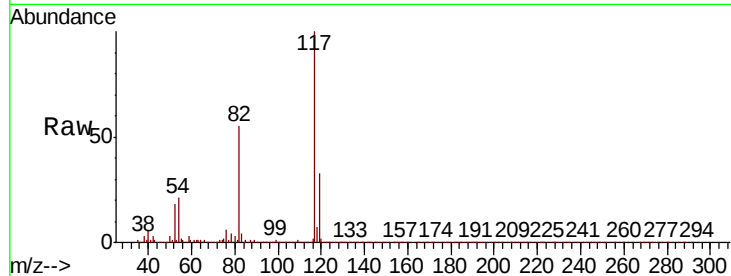
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampled :
MW-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	41.8	62.8
119	32.5	25.8	38.8

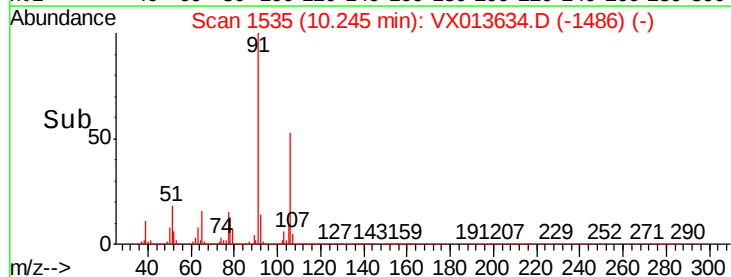
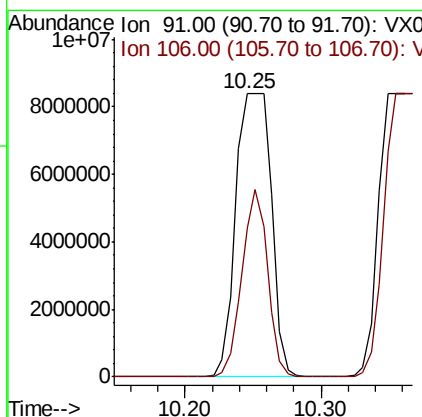
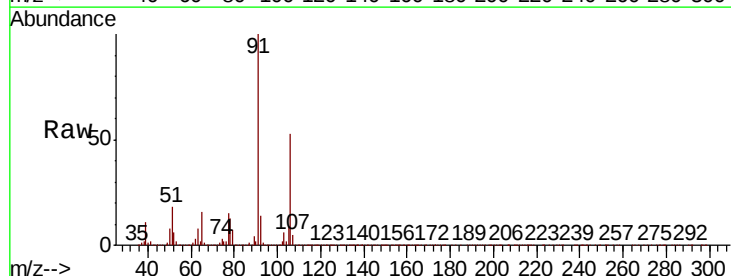
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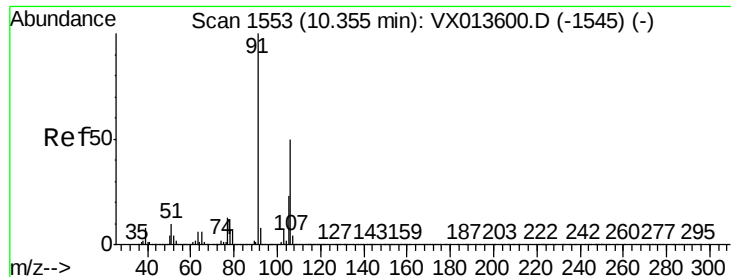
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#67
Ethyl Benzene
Concen: 440.178 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
91	100		
106	52.7	24.5	36.7





#68

m/p-Xylenes

Concen: 1385.223 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampleId :

MW-6

Tot Ion:106 Resp:18500525

Ion Ratio Lower Upper

106 100

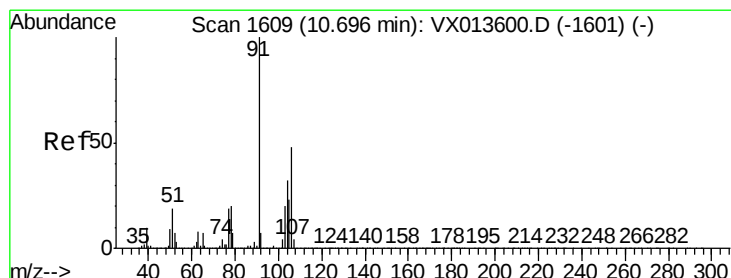
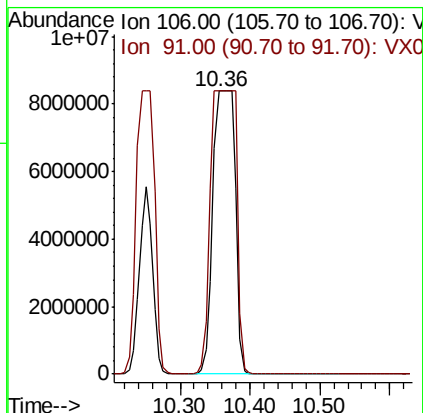
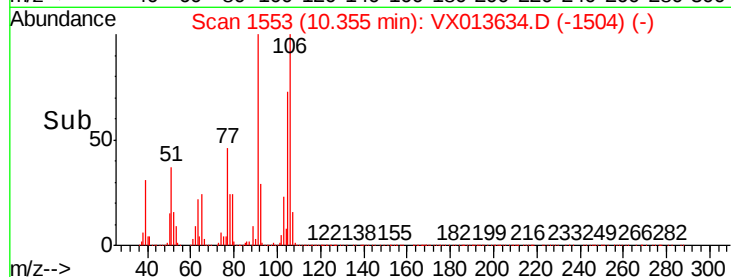
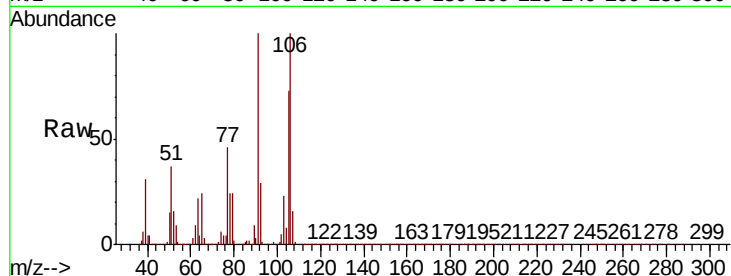
91 0.0 159.0 238.4#

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#69

o-Xylene

Concen: 719.827 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013634.D

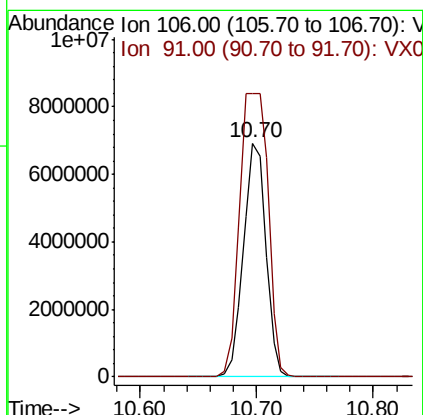
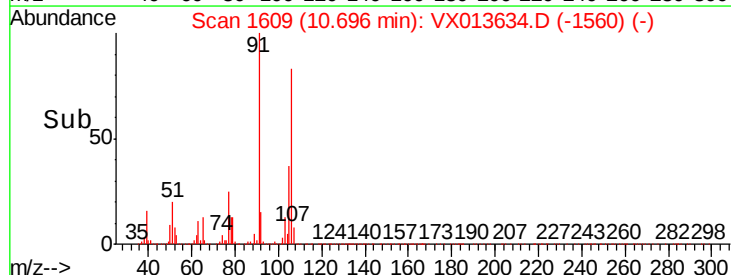
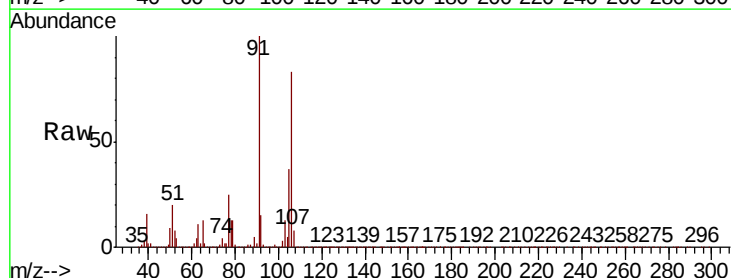
Acq: 27 Nov 2019 05:48

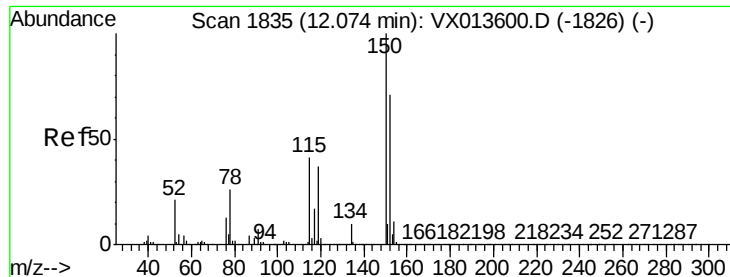
Tgt Ion:106 Resp: 9376254

Ion Ratio Lower Upper

106 100

91 154.8 104.1 312.2





#72

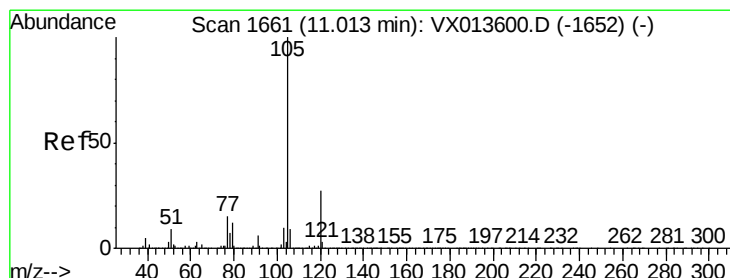
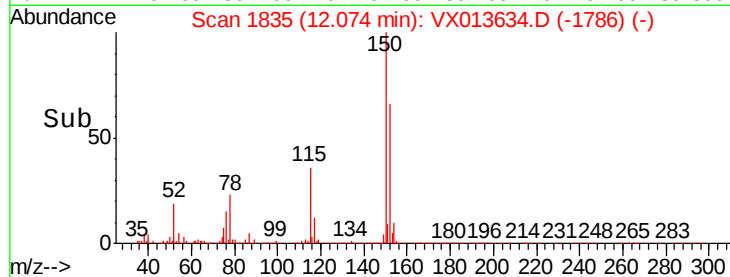
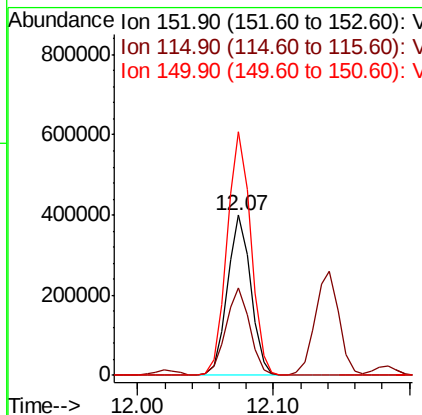
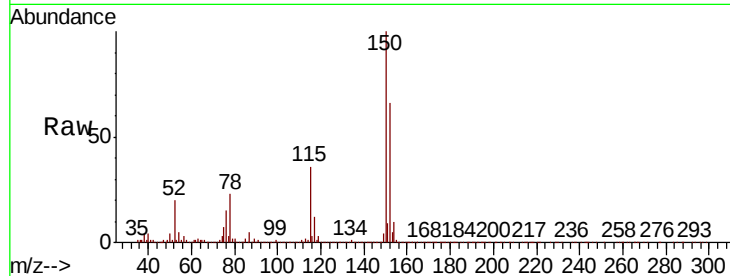
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Instrument :
MSVOA_X
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.4	115.1
150	154.8	0.0	346.8

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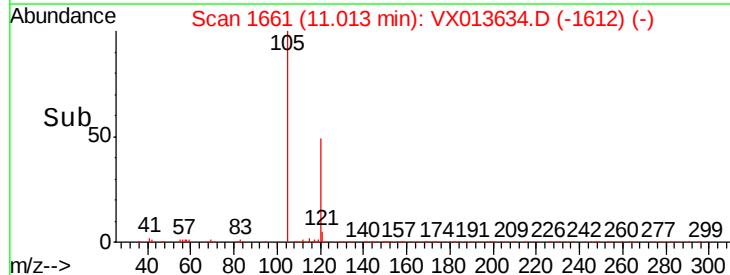
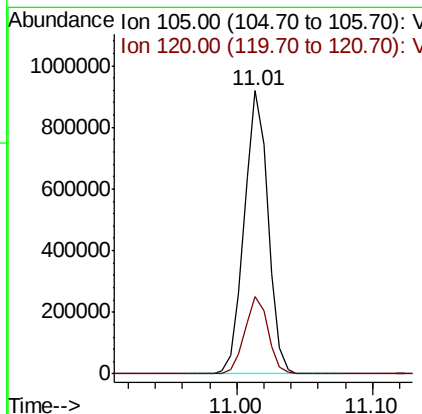
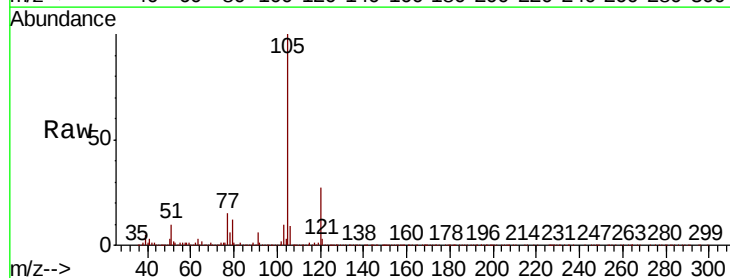
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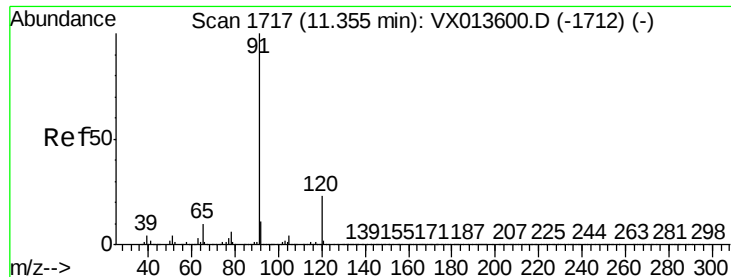


#73

Isopropylbenzene
Concen: 33.492 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013634.D
Acq: 27 Nov 2019 05:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.5





#78

n-propylbenzene

Concen: 52.542 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013634.D

Acq: 27 Nov 2019 05:48

Instrument :

MSVOA_X

ClientSampled :

MW-6

Tot Ion: 91 Resp: 1956364

Ion Ratio Lower Upper

91 100

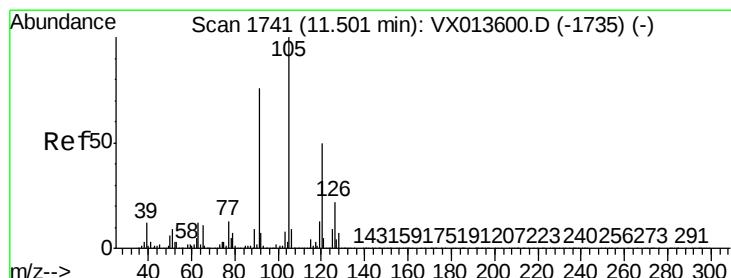
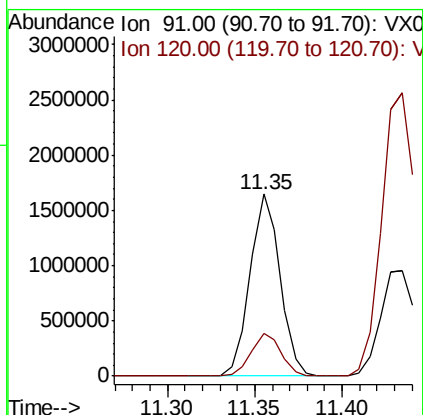
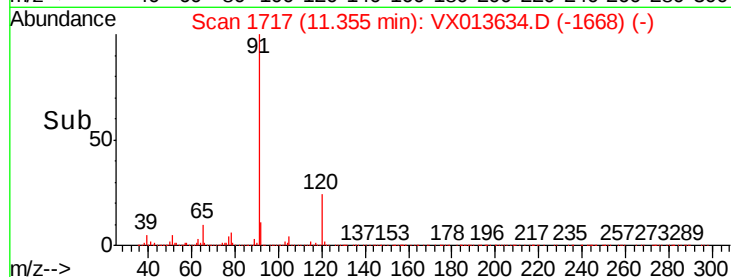
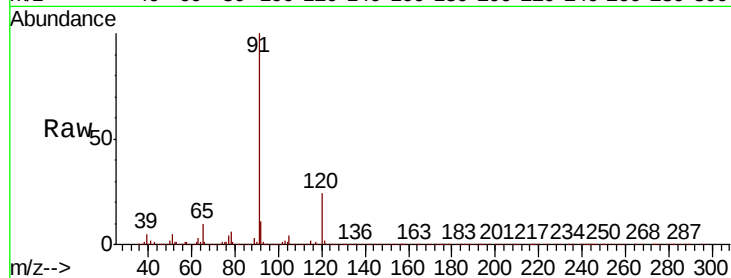
120 23.5 11.8 35.3

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#80

1,3,5-Trimethylbenzene

Concen: 180.719 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013634.D

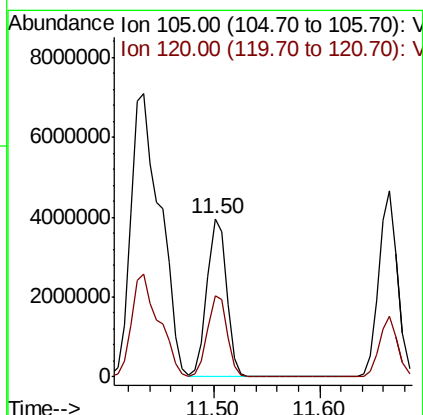
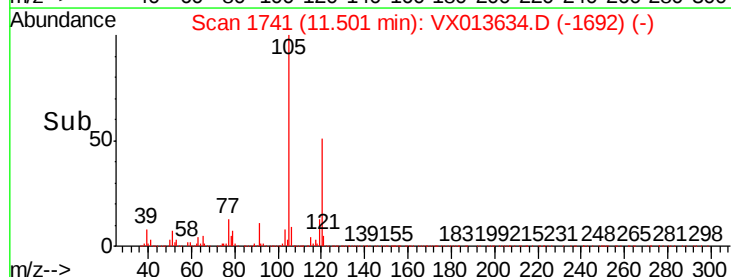
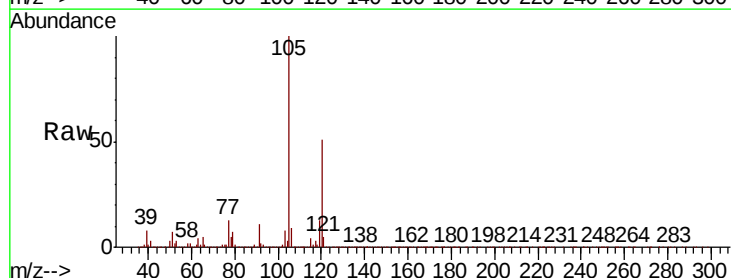
Acq: 27 Nov 2019 05:48

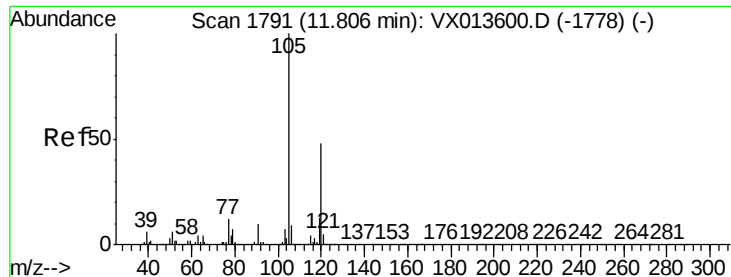
Tgt Ion: 105 Resp: 4940380

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.9





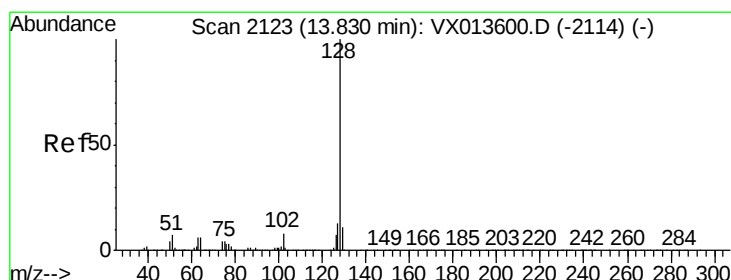
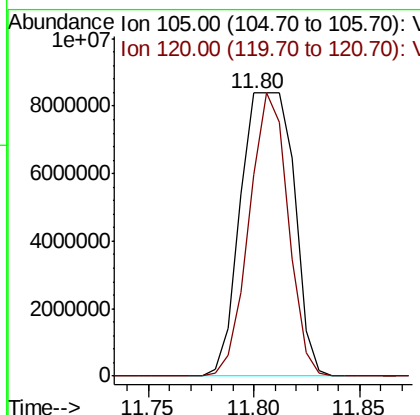
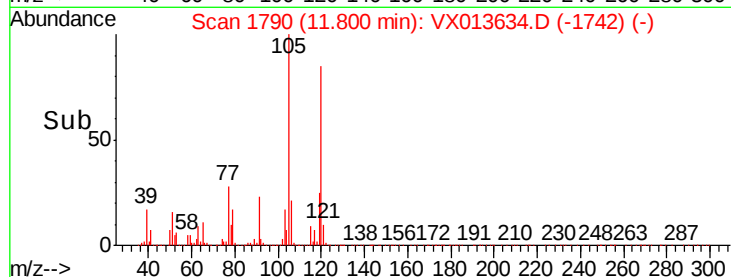
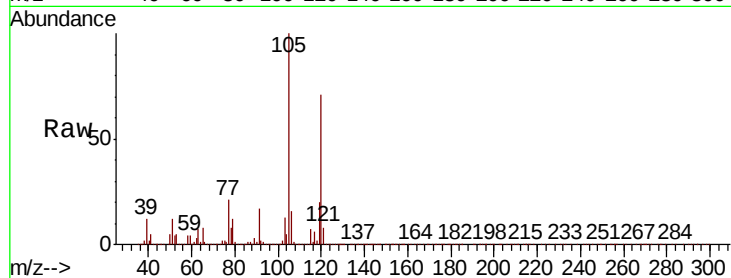
#84
 1,2,4-Trimethylbenzene
 Concen: 530.055 ug/l m
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6

Tot Ion:105 Resp:14706285
 Ion Ratio Lower Upper
 105 100
 120 12.3 23.1 69.3#

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#95
 Naphthalene
 Concen: 265.588 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013634.D
 Acq: 27 Nov 2019 05:48

Tgt Ion:128 Resp: 8554792
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.3 15.5
 129 11.8 8.7 13.1

