

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009810.D
 Acq On : 22 May 2019 17:30
 Operator : JC/SP
 Sample : K2977-10 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-W1-2

Manual Integrations
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MMDadoda
 5/23/2019 10:44:55 AM

Quant Time: May 23 08:10:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	169945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117040	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	5.50	113	84229	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.71	98	344717	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	117050	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	17348	13.926	ug/l	99
18) Methyl Acetate	2.78	43	1393	0.470	ug/l	91
25) 2-Butanone	4.68	43	6295	3.252	ug/l	98
67) Ethyl Benzene	10.25	91	7397	0.838	ug/l	99
68) m/p-Xylenes	10.36	106	19381	6.011	ug/l	97
69) o-Xylene	10.69	106	2239	0.704	ug/l	97
73) Isopropylbenzene	11.02	105	13680	1.787	ug/l	97
78) n-propylbenzene	11.36	91	27694	3.167	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	37486	5.815	ug/l	99
83) tert-Butylbenzene	11.77	119	1921	0.306	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	227205	35.115	ug/l	99
85) sec-Butylbenzene	11.94	105	8700	1.170	ug/l	79
86) p-Isopropyltoluene	12.06	119	5677	0.849	ug/l	91
89) n-Butylbenzene	12.38	91	4269m	0.707	ug/l	
95) Naphthalene	13.83	128	20204	2.632	ug/l	99

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

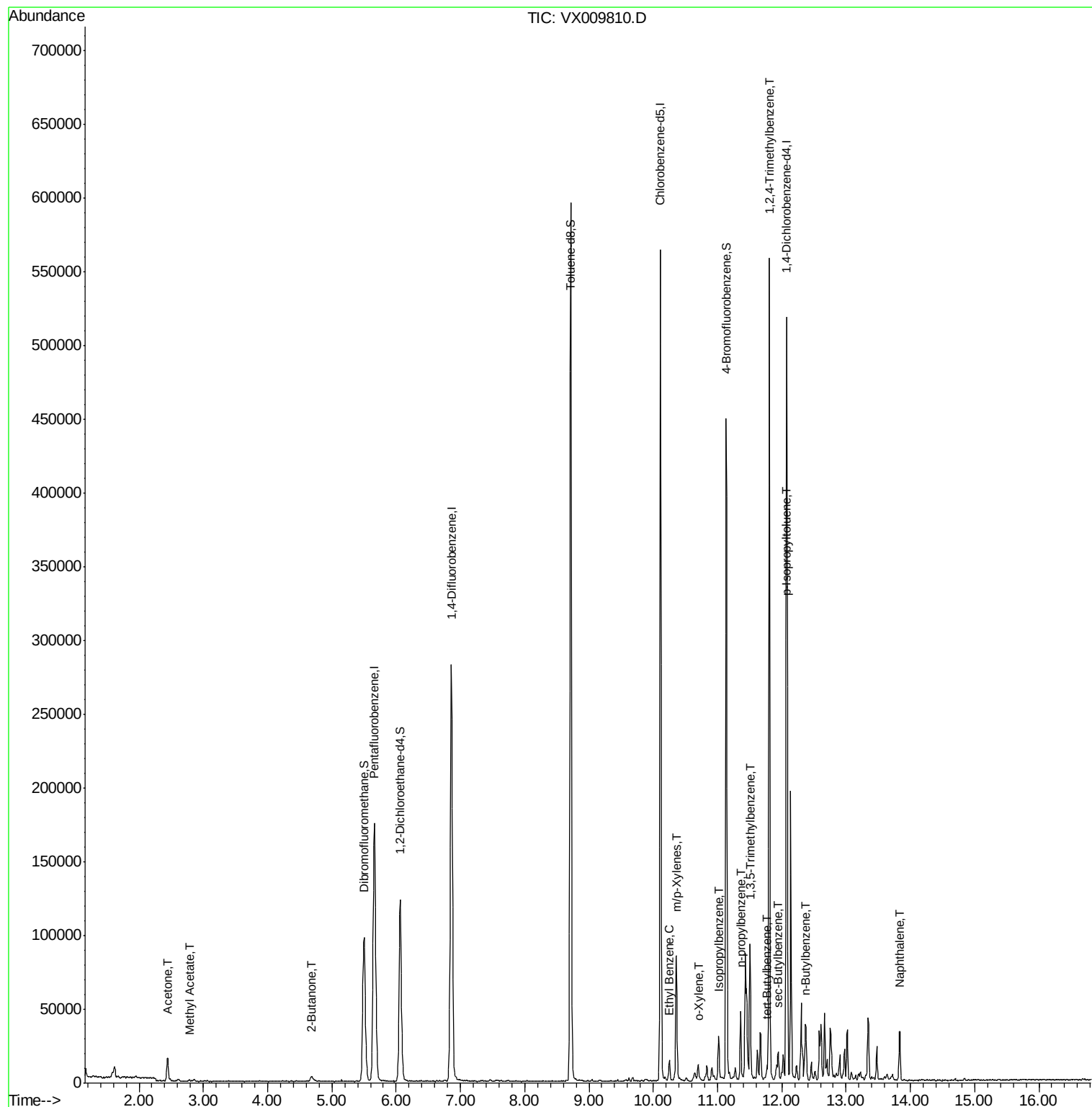
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052219\
Data File : VX009810.D
Acq On : 22 May 2019 17:30
Operator : JC/SP
Sample : K2977-10 40X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

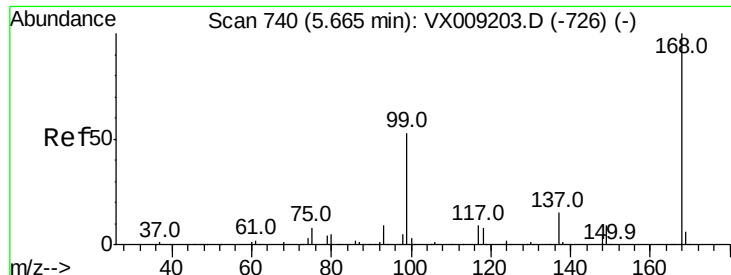
Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-W1-2

Manual Integrations
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Quant Time: May 23 08:10:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-W1-2

Tot Ion:168 Resp: 169945

Ion Ratio Lower Upper

168 100

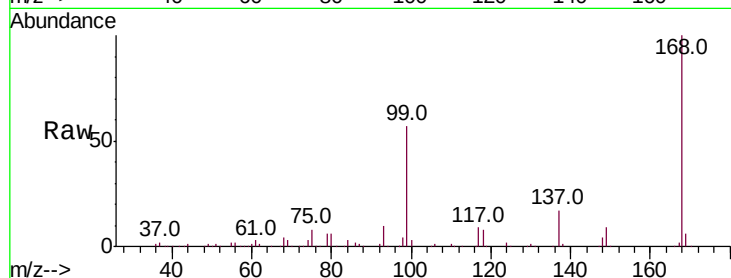
99 56.7 42.3 63.5

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Abundance Ion 167.90 (167.60 to 168.60): VX009203.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX009203.D (-726) (-)

5.66

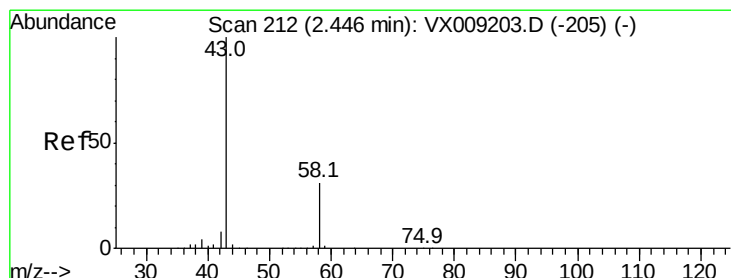
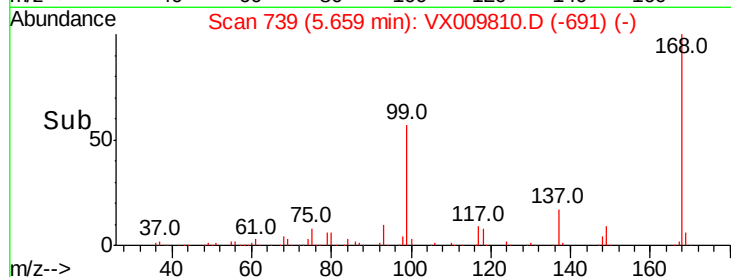
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 13.926 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009810.D

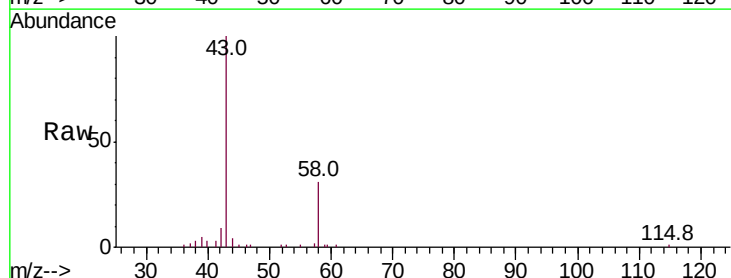
Acq: 22 May 2019 17:30

Tgt Ion: 43 Resp: 17348

Ion Ratio Lower Upper

43 100

58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX009203.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX009203.D (-205) (-)

2.44

10000

8000

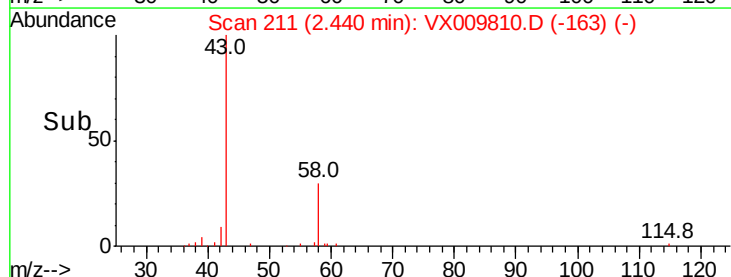
6000

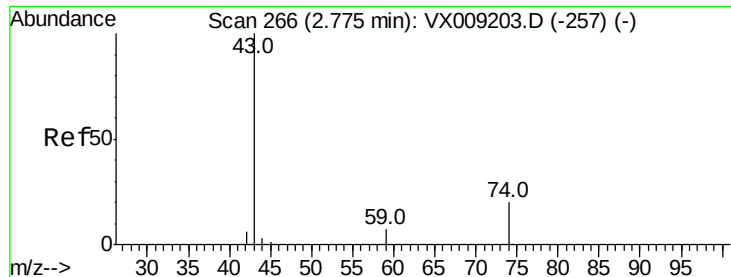
4000

2000

0

Time-->





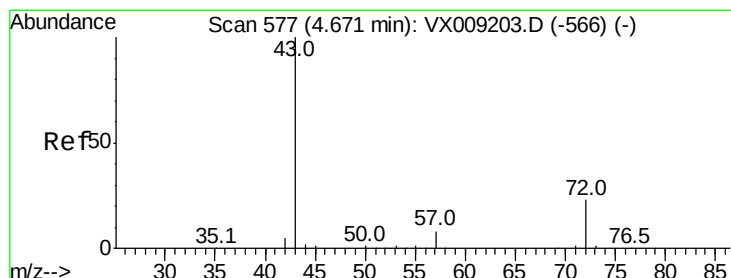
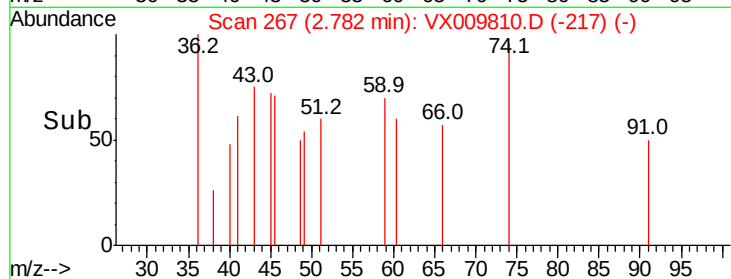
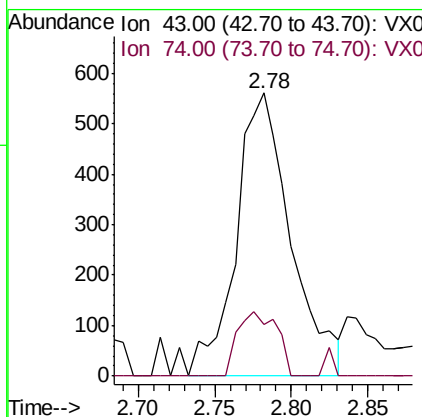
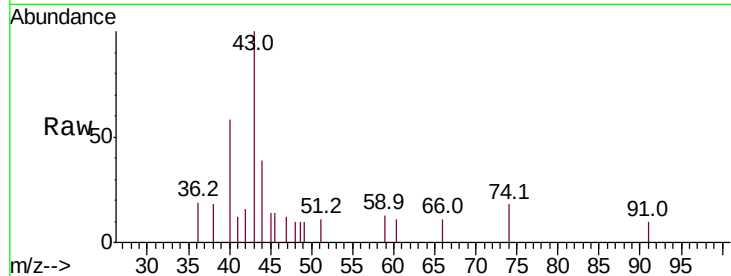
#18
Methvl Acetate
Concen: 0.470 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-W1-2

Tot Ion: 43 Resp: 1393
Ion Ratio Lower Upper
43 100
74 16.3 16.2 24.4

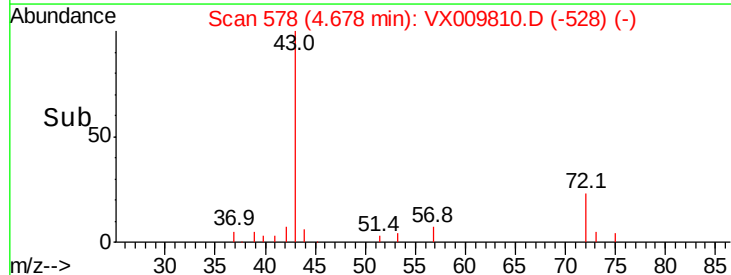
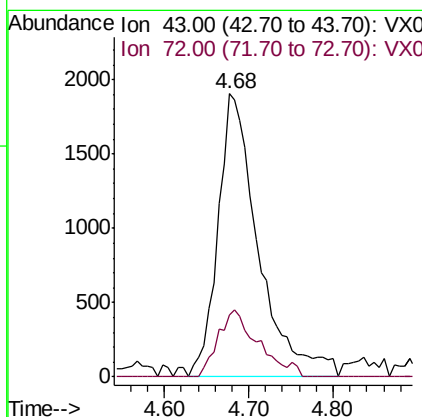
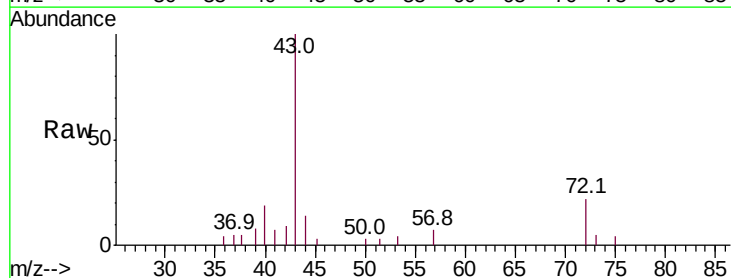
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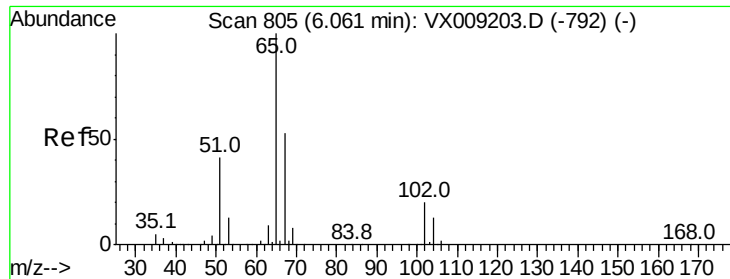
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#25
2-Butanone
Concen: 3.252 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Tgt Ion: 43 Resp: 6295
Ion Ratio Lower Upper
43 100
72 21.9 18.2 27.2





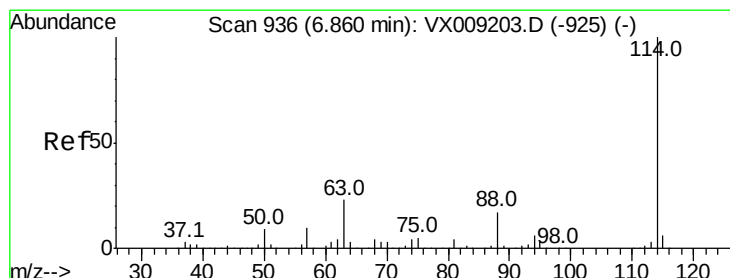
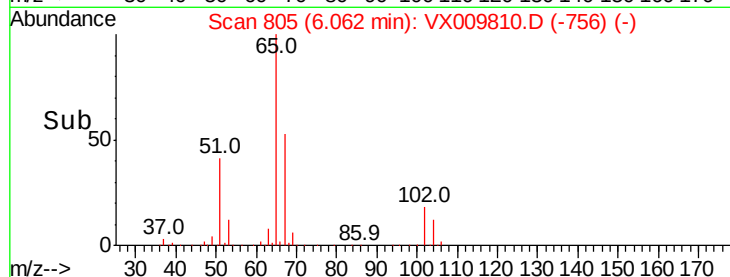
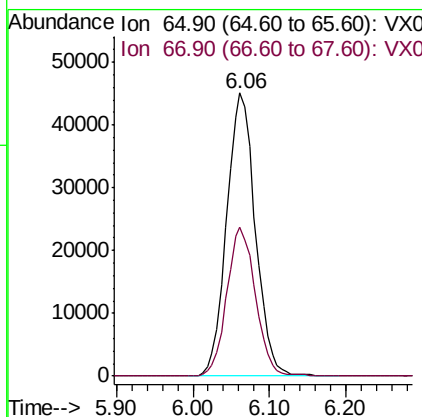
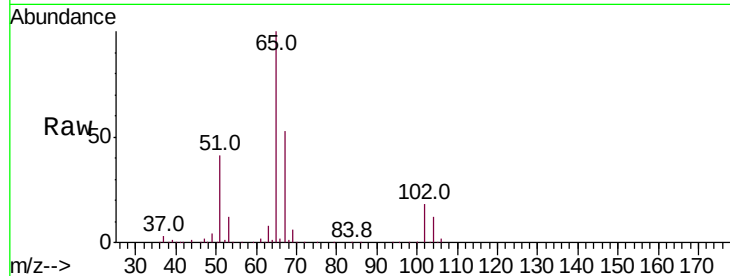
#33
 1,2-Dichloroethane-d4
 Concen: 50.449 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009810.D
 Acq: 22 May 2019 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	106.6

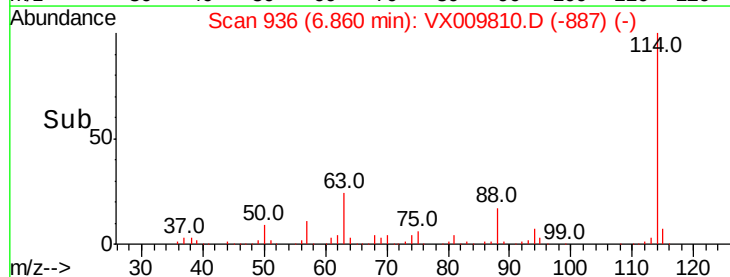
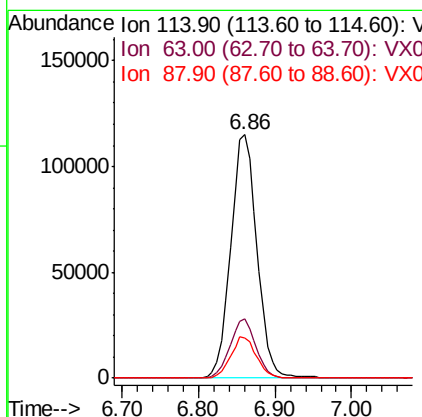
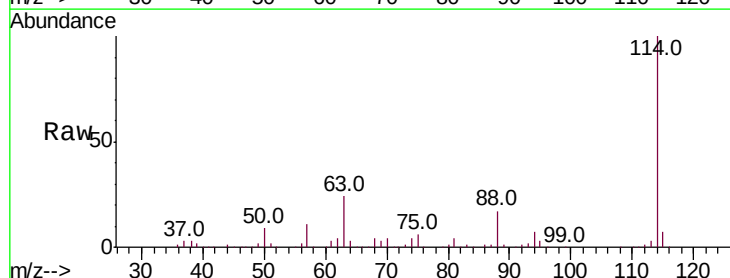
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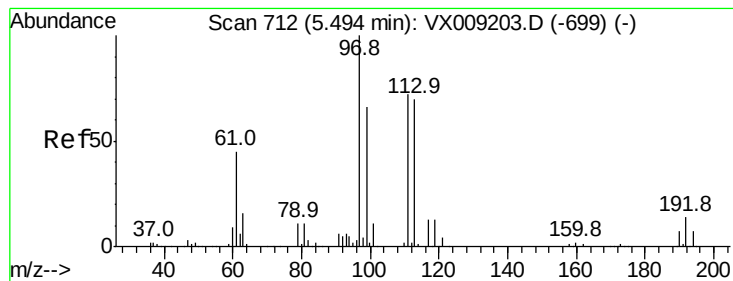
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009810.D
 Acq: 22 May 2019 17:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	45.6
88	16.7	0.0	33.2





#35

Dibromofluoromethane

Concen: 49.280 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-W1-2

Tot Ion:113 Resp: 84229

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

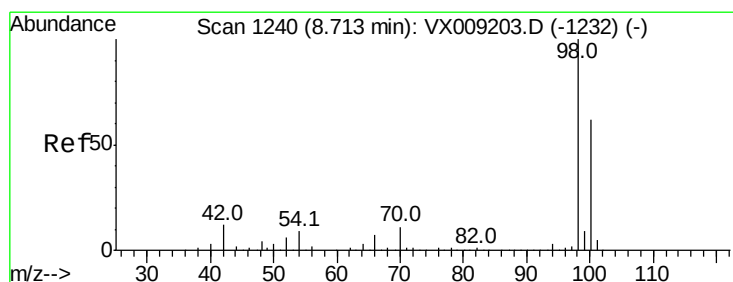
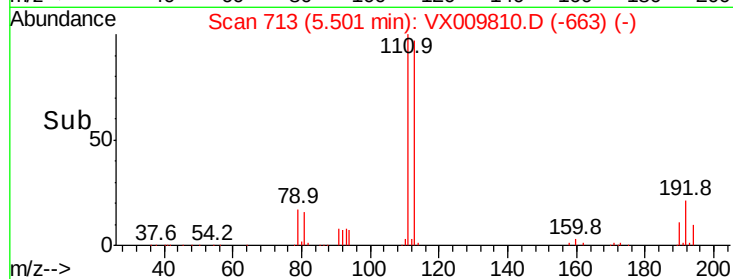
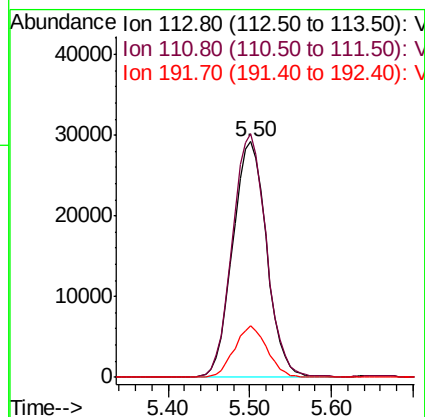
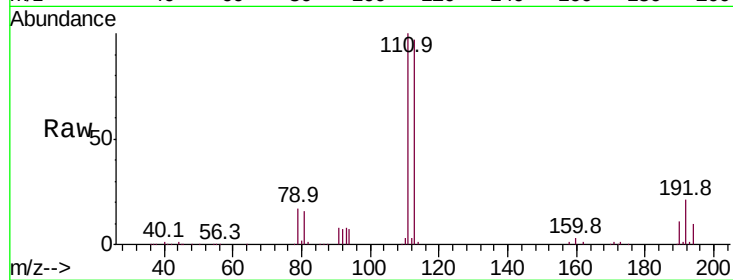
192 21.1 17.0 25.6

Manual Integrations

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#50

Toluene-d8

Concen: 49.956 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009810.D

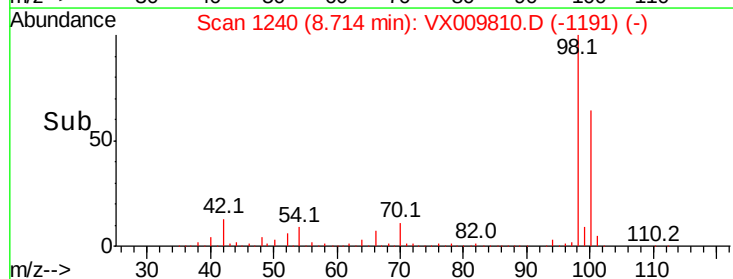
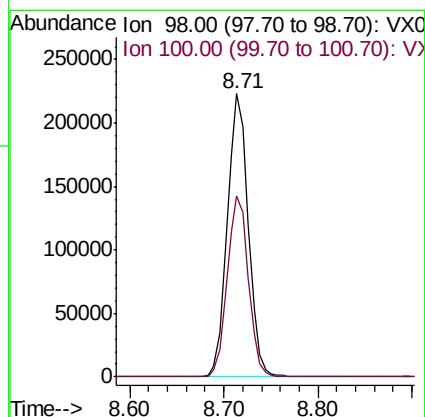
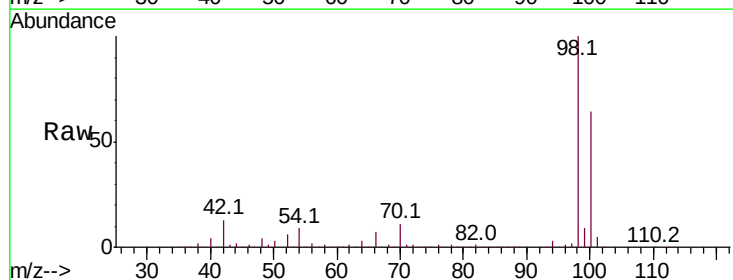
Acq: 22 May 2019 17:30

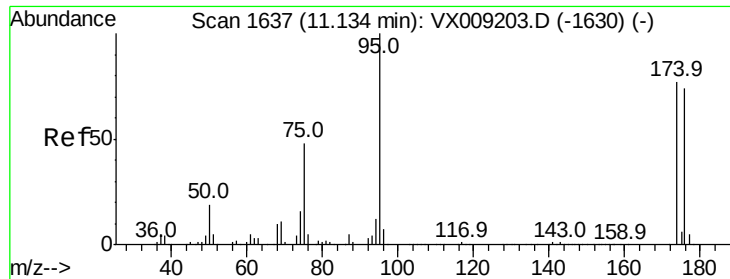
Tgt Ion: 98 Resp: 344717

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 46.683 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

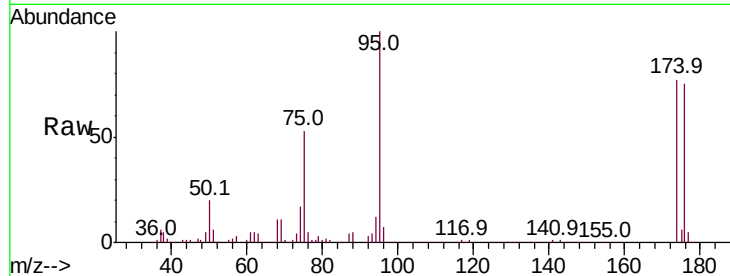
ClientSampleId :

EP1-PZ-W1-2

Tot Ion:	95	Resp:	117050
Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.6
176	77.6	0.0	159.2

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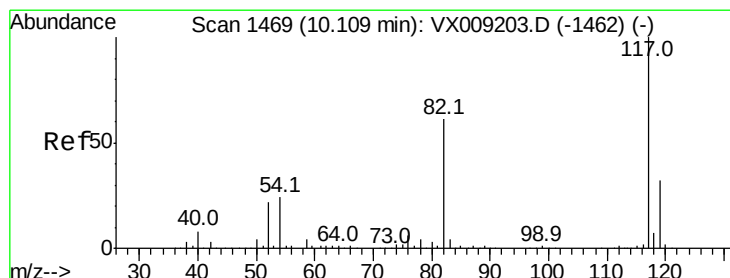
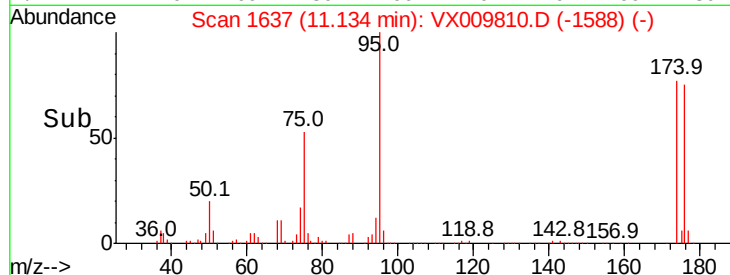
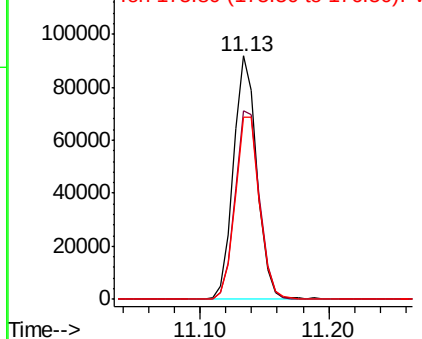


Abundance

Ion 94.90 (94.60 to 95.60): VX009810.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009810.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009810.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

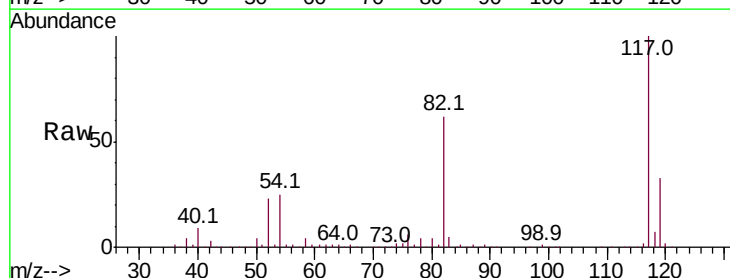
RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Tgt Ion:	117	Resp:	239672
Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.8	73.2
119	32.8	25.8	38.6

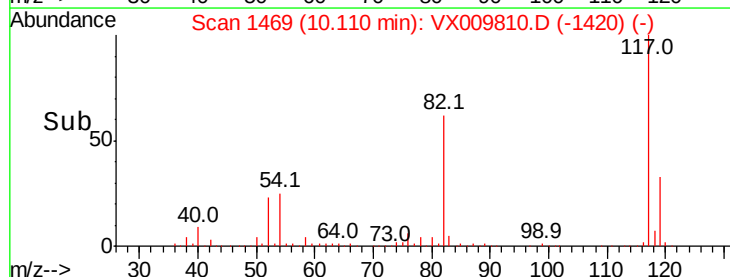
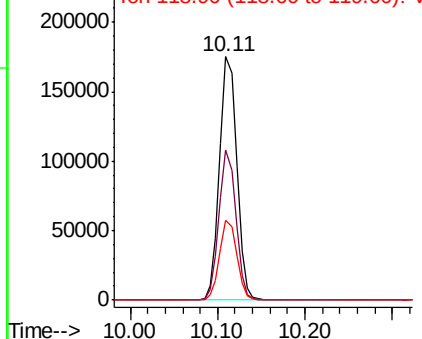


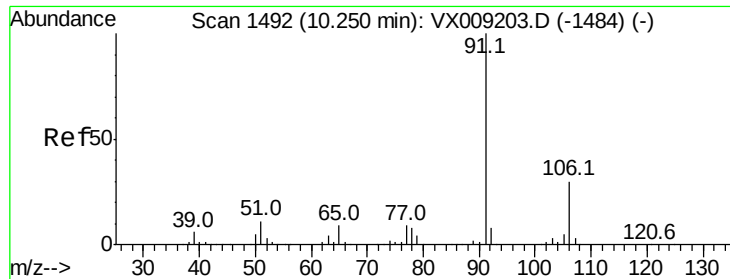
Abundance

Ion 116.90 (116.60 to 117.60): VX009810.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009810.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009810.D (-1420) (-)





#67

Ethyl Benzene

Concen: 0.838 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-W1-2

Tot Ion: 91 Resp: 7397

Ion Ratio Lower Upper

91 100

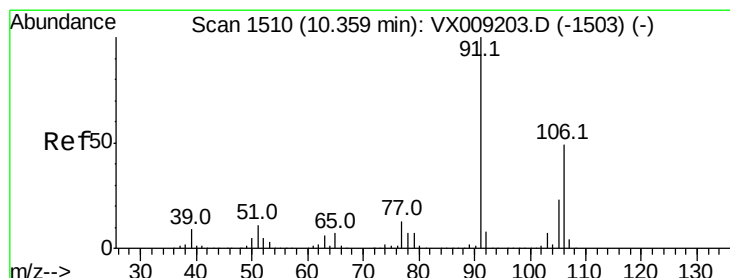
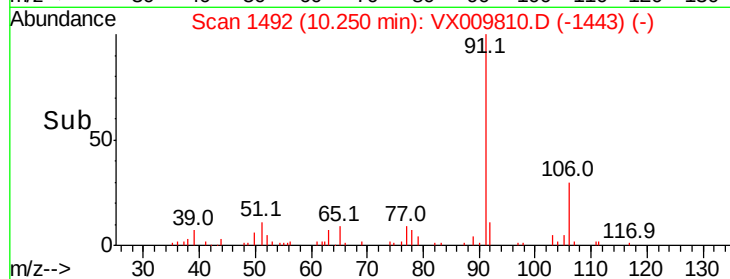
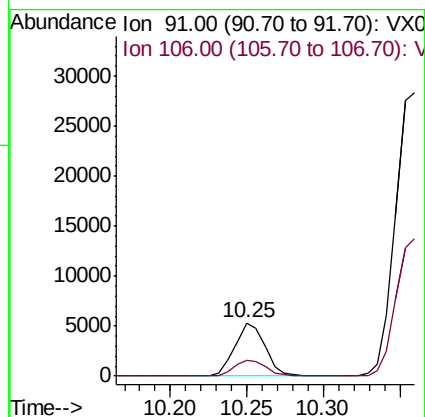
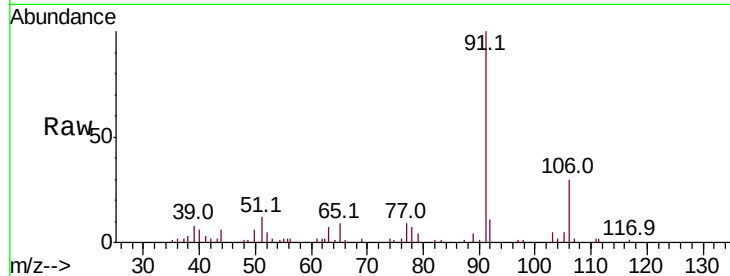
106 30.5 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 6.011 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009810.D

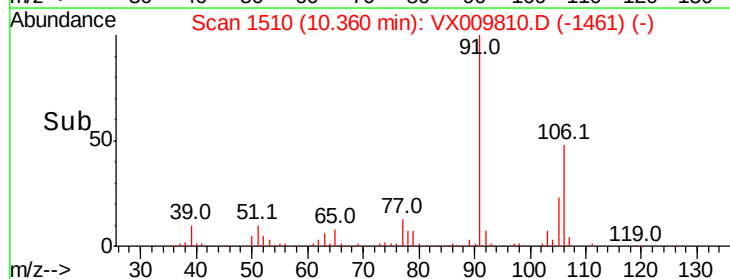
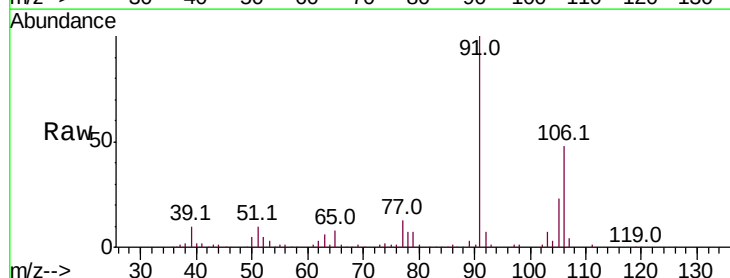
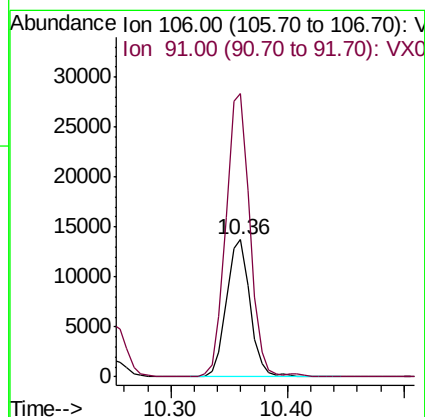
Acq: 22 May 2019 17:30

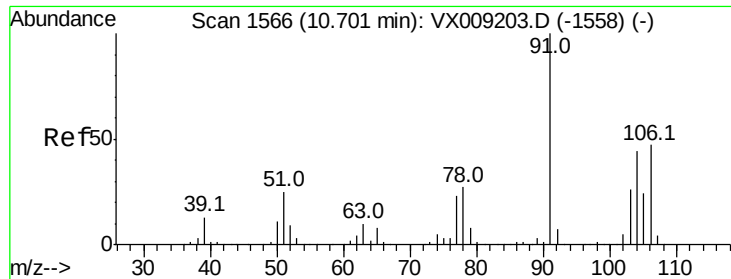
Tgt Ion: 106 Resp: 19381

Ion Ratio Lower Upper

106 100

91 209.3 164.0 246.0





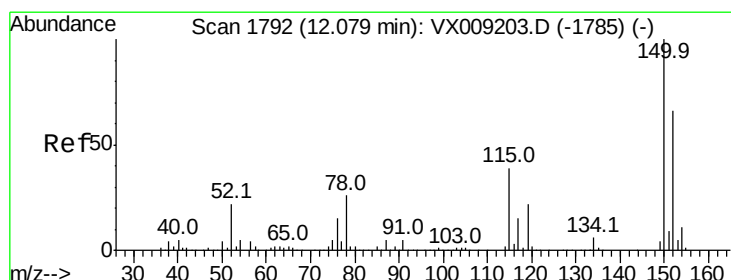
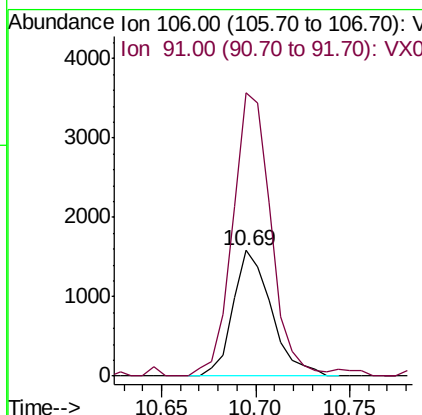
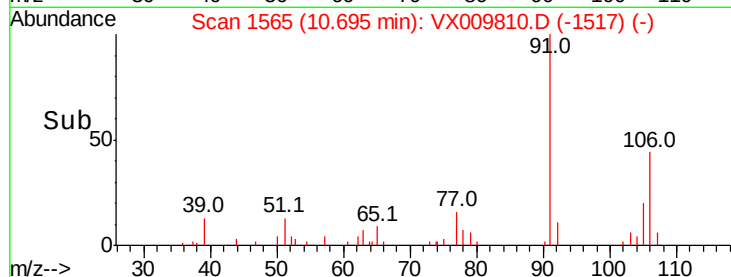
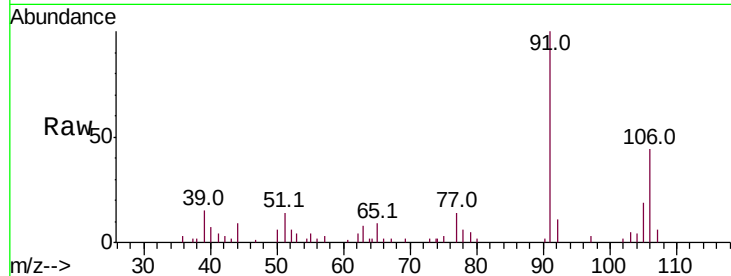
#69
o-Xylene
Concen: 0.704 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-W1-2

Tot Ion:106 Resp: 2239
Ion Ratio Lower Upper
106 100
91 224.0 109.5 328.4

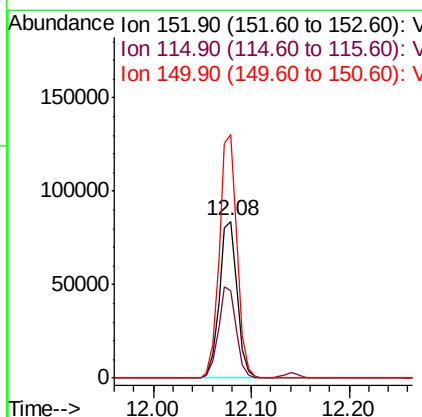
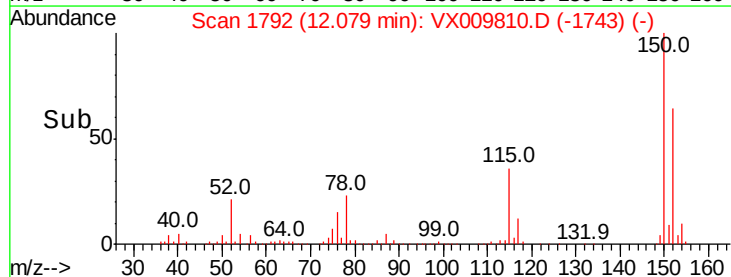
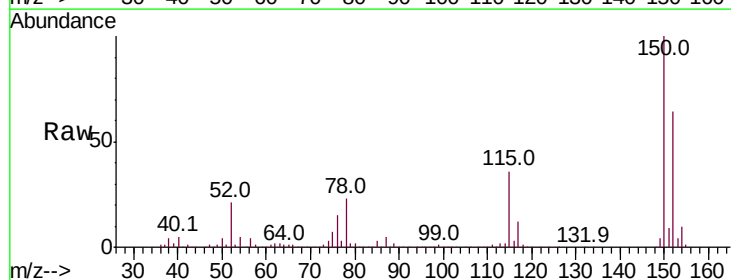
Manual Integrations
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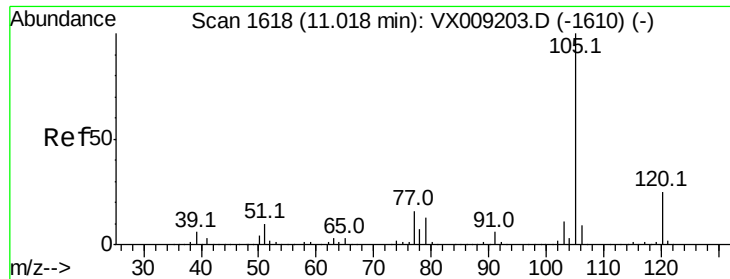
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5/23/2019 10:44:55 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Tgt Ion:152 Resp: 105279
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 154.0 0.0 346.4





#73

Isopropylbenzene

Concen: 1.787 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-W1-2

Tot Ion:105 Resp: 13680

Ion Ratio Lower Upper

105 100

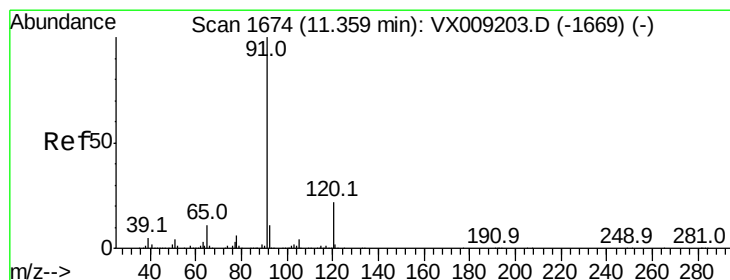
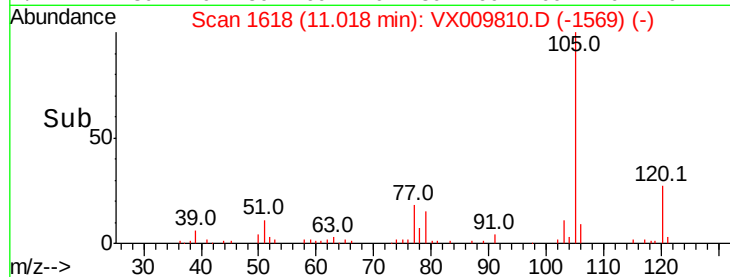
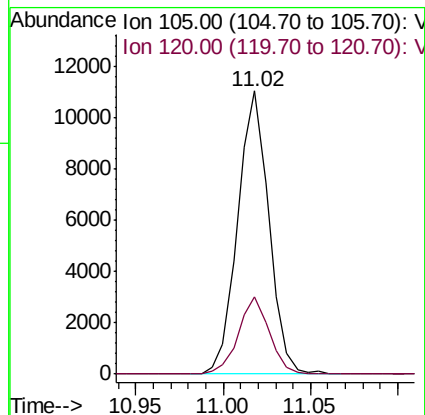
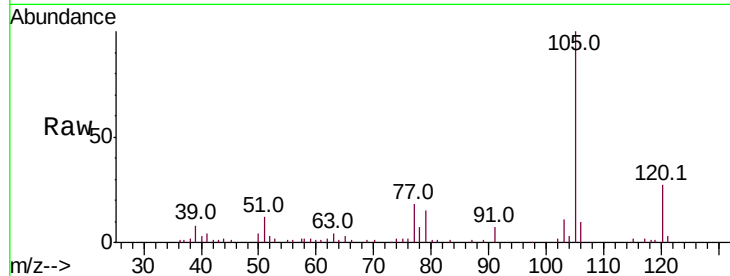
120 26.9 12.8 38.3

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#78

n-propylbenzene

Concen: 3.167 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009810.D

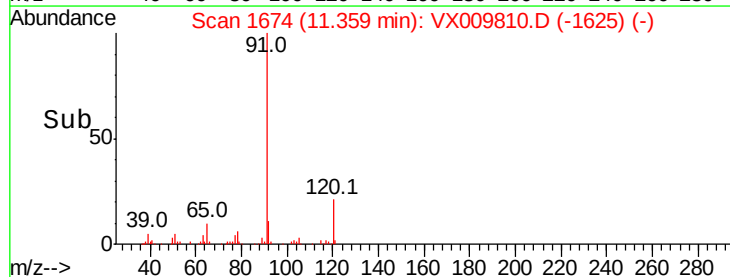
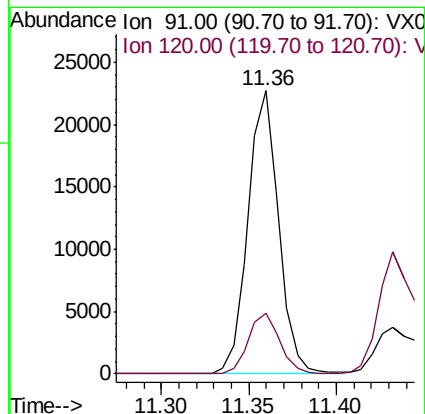
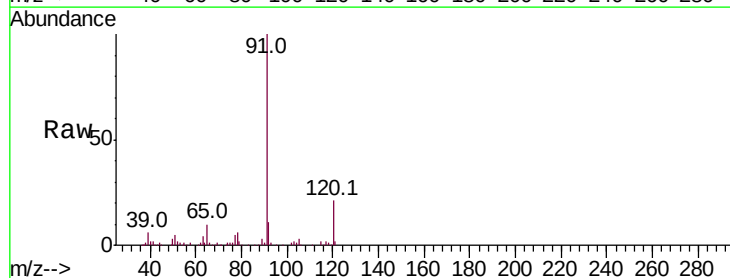
Acq: 22 May 2019 17:30

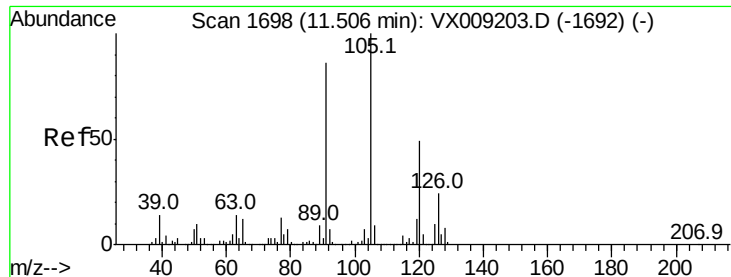
Tgt Ion: 91 Resp: 27694

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 5.815 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

EP1-PZ-W1-2

Tot Ion:105 Resp: 37486

Ion Ratio Lower Upper

105 100

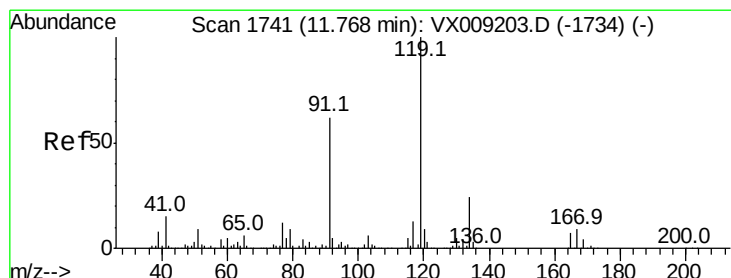
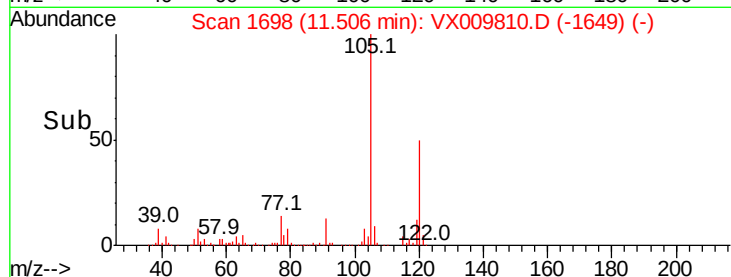
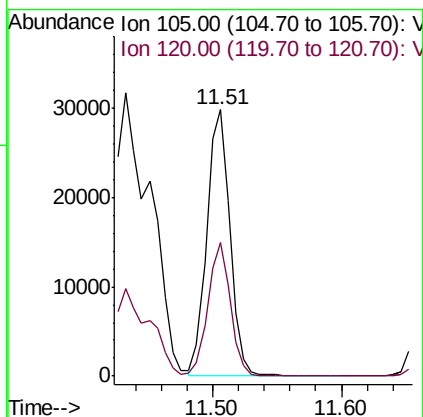
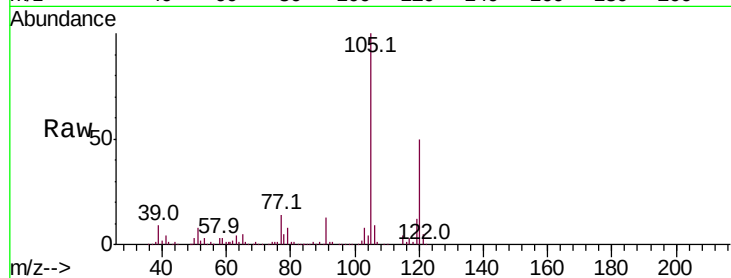
120 49.1 24.3 72.9

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#83

tert-Butylbenzene

Concen: 0.306 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009810.D

Acq: 22 May 2019 17:30

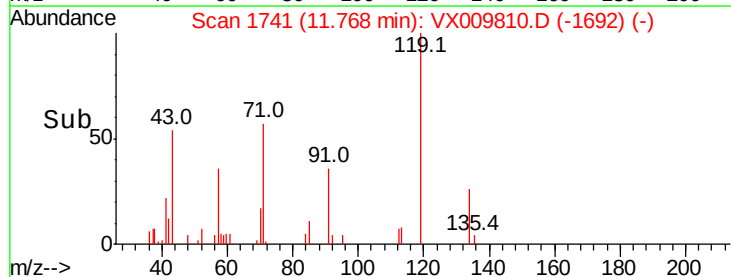
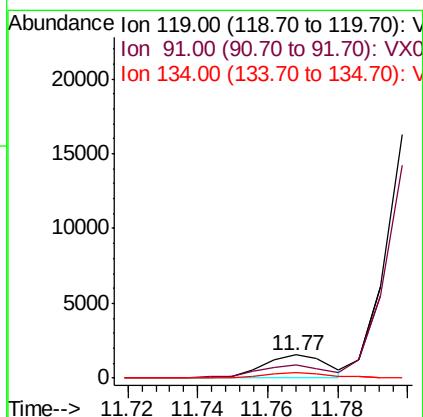
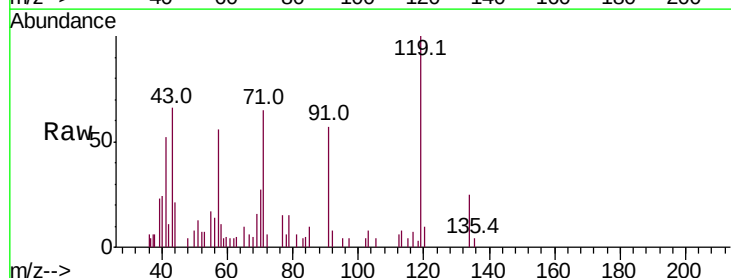
Tgt Ion:119 Resp: 1921

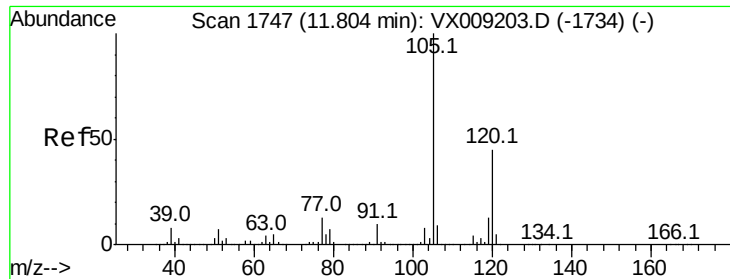
Ion Ratio Lower Upper

119 100

91 62.8 29.5 88.5

134 25.9 11.4 34.1





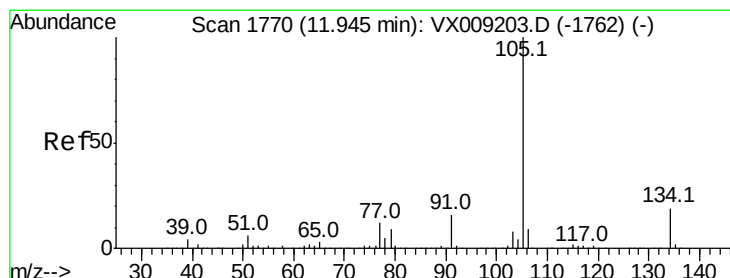
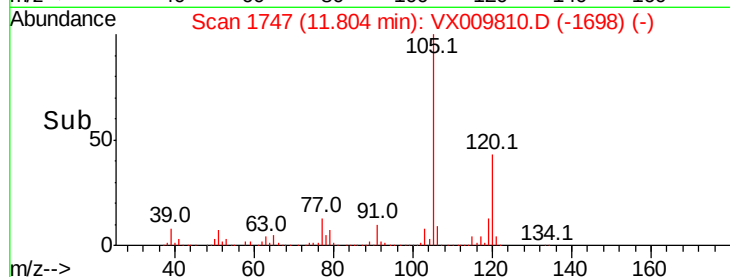
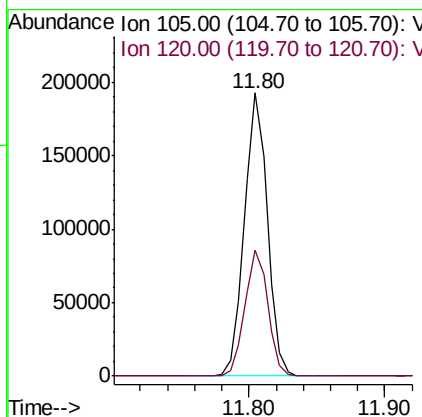
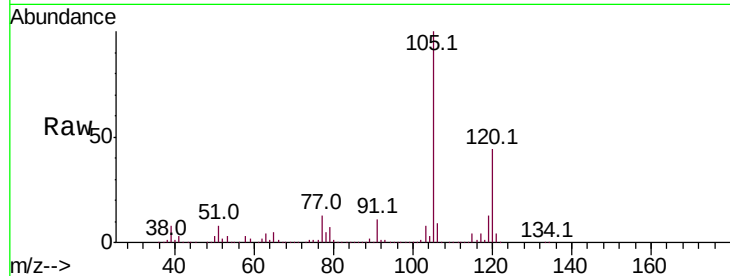
#84
 1,2,4-Trimethylbenzene
 Concen: 35.115 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009810.D
 Acq: 22 May 2019 17:30

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-W1-2

Tot Ion:105 Resp: 227205
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.0 66.0

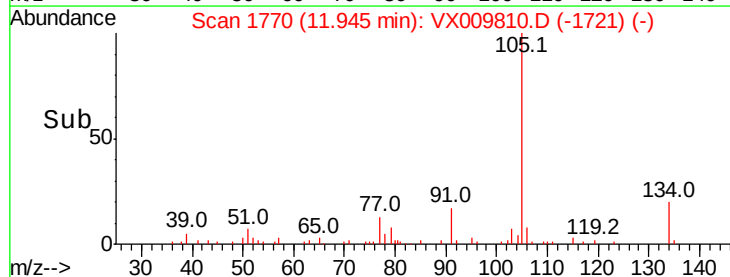
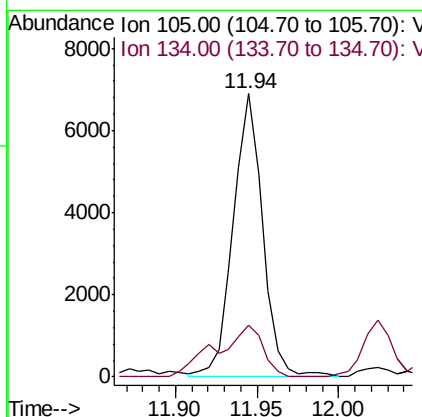
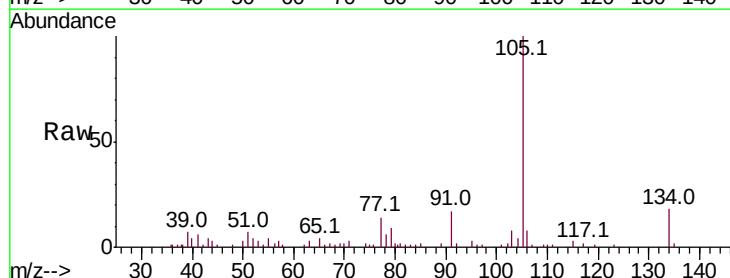
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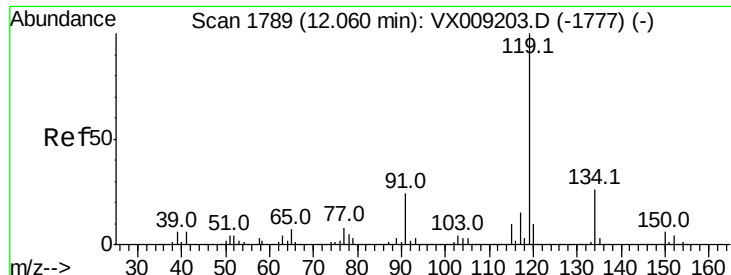
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#85
 sec-Butylbenzene
 Concen: 1.170 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009810.D
 Acq: 22 May 2019 17:30

Tgt Ion:105 Resp: 8700
 Ion Ratio Lower Upper
 105 100
 134 28.9 9.7 28.9





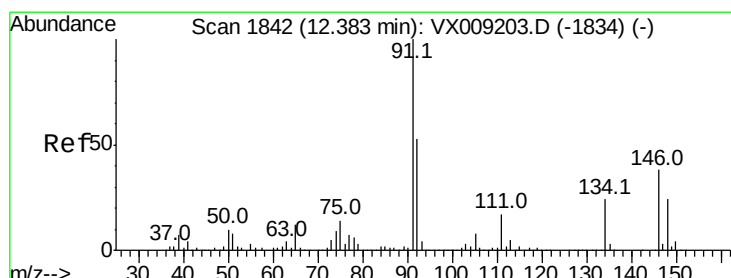
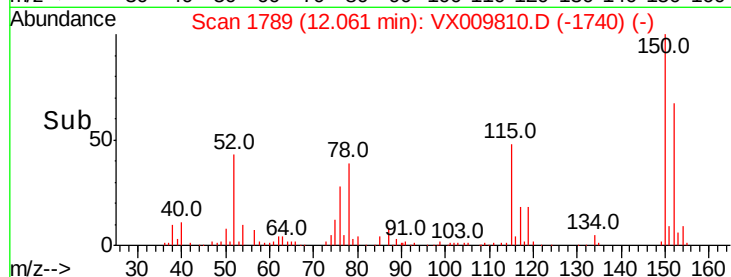
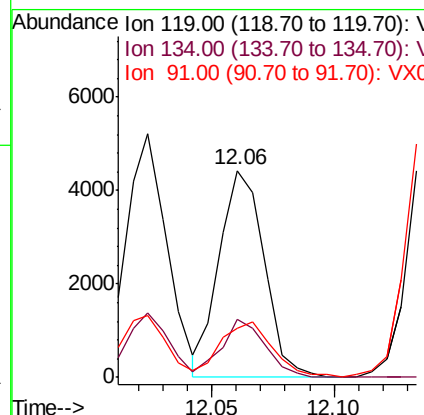
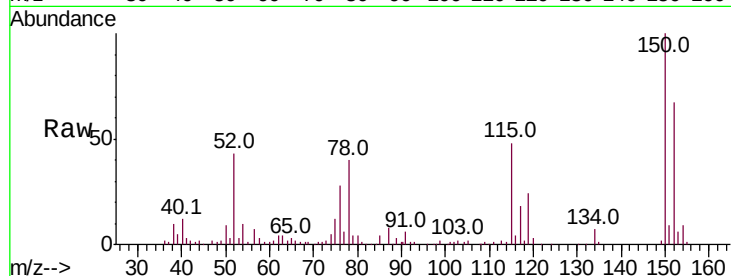
#86
p-Isopropyltoluene
Concen: 0.849 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.4	12.9	38.7
91	31.1	11.8	35.4

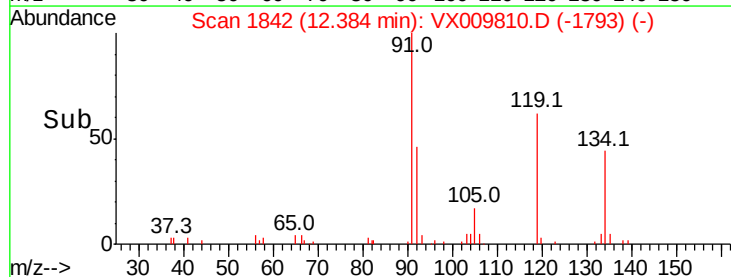
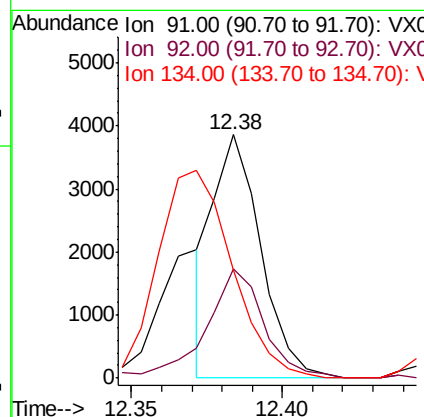
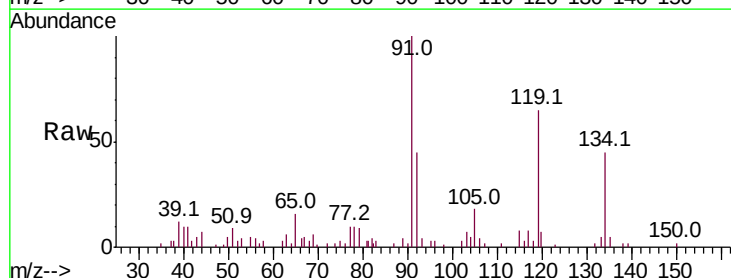
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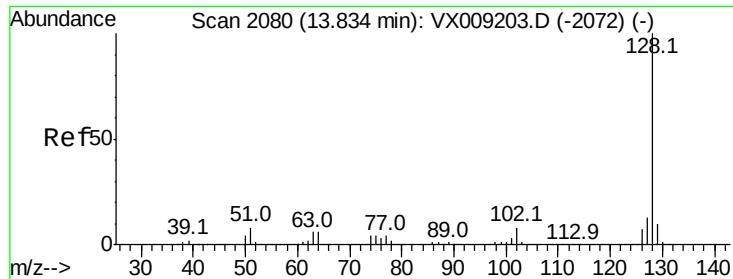
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#89
n-Butylbenzene
Concen: 0.707 ug/l m
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	132.3	12.4	37.2#





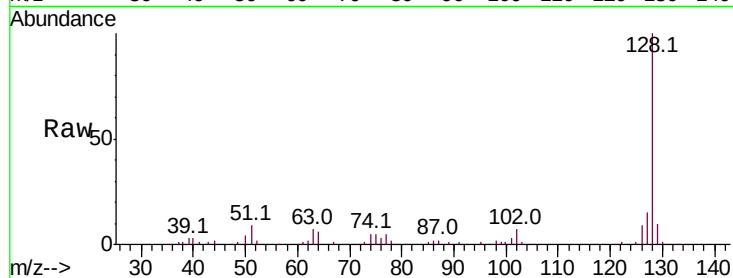
#95
Naphthalene
Concen: 2.632 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009810.D
Acq: 22 May 2019 17:30

Instrument :
MSVOA_X
ClientSampleId :
EP1-PZ-W1-2

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.4	8.6	13.0

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Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

