

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010486.D
 Acq On : 27 Jun 2019 14:09
 Operator : JC/SP
 Sample : K3565-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0570

Manual Integrations
 APPROVED

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 6/28/2019 10:37:36 AM

Quant Time: Jun 28 07:21:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	248652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	117821	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.50	113	116085	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.71	98	460736	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.13	95	159726	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	5155m	4.412	ug/l	
31) Cyclohexane	5.58	56	289923	86.094	ug/l	97
39) Methylcyclohexane	7.46	83	240427	59.380	ug/l	99
40) Benzene	6.15	78	1833133	191.020	ug/l	100
52) Toluene	8.79	92	10235	1.620	ug/l	98
67) Ethyl Benzene	10.25	91	2452479	202.589	ug/l	99
68) m/p-Xylenes	10.36	106	2659941	567.073	ug/l	99
69) o-Xylene	10.70	106	26271	5.695	ug/l	98
73) Isopropylbenzene	11.02	105	230327	19.268	ug/l	99
78) n-propylbenzene	11.36	91	283451	21.575	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	404577	41.055	ug/l	100
83) tert-Butylbenzene	11.77	119	6514	0.659	ug/l	88
84) 1,2,4-Trimethylbenzene	11.80	105	1232303	124.467	ug/l	99
85) sec-Butylbenzene	11.94	105	26832m	2.310	ug/l	
86) p-Isopropyltoluene	12.06	119	62107	5.782	ug/l	99
89) n-Butylbenzene	12.38	91	31537	3.455	ug/l #	25
95) Naphthalene	13.83	128	209358	16.965	ug/l	99

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

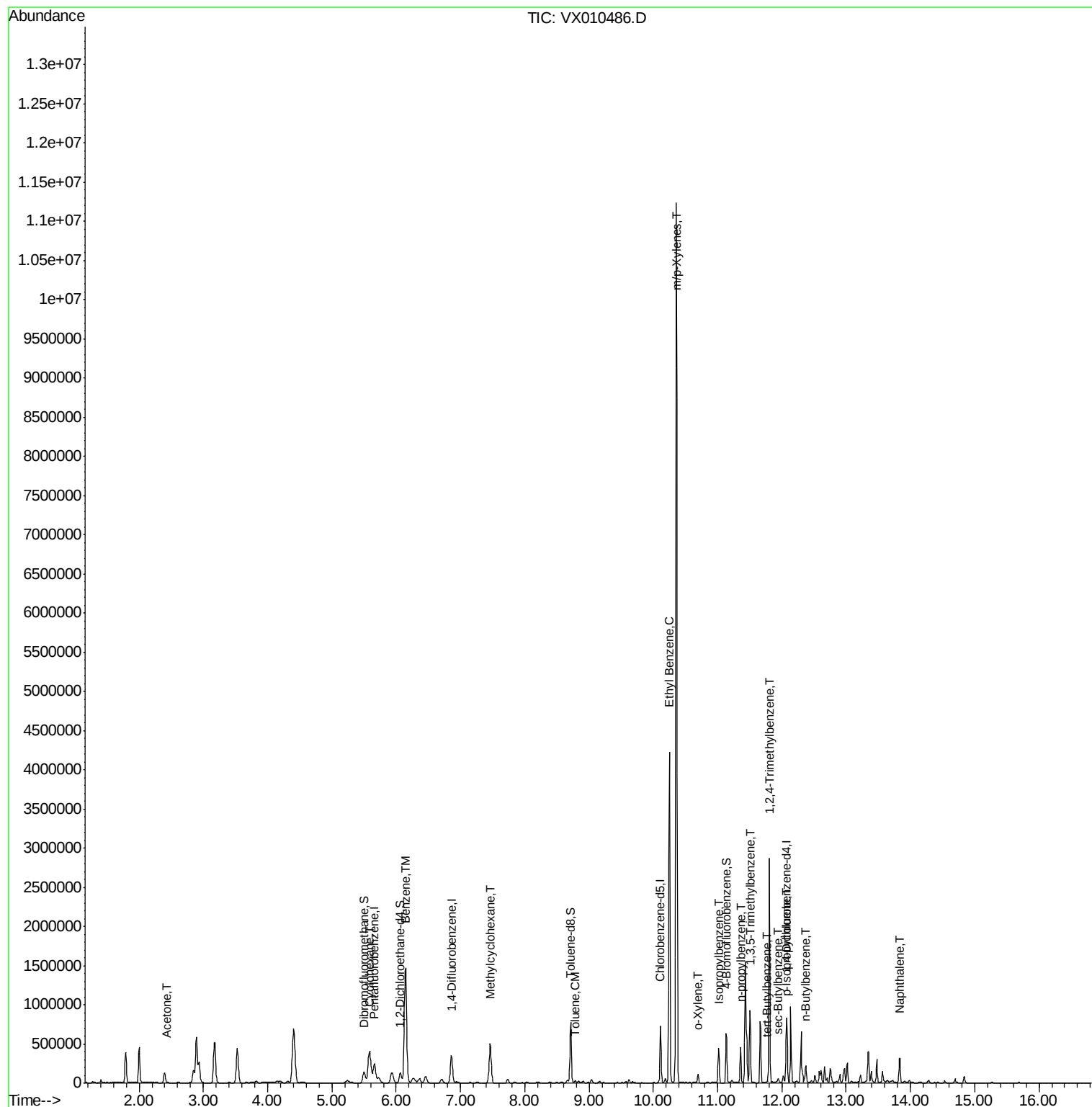
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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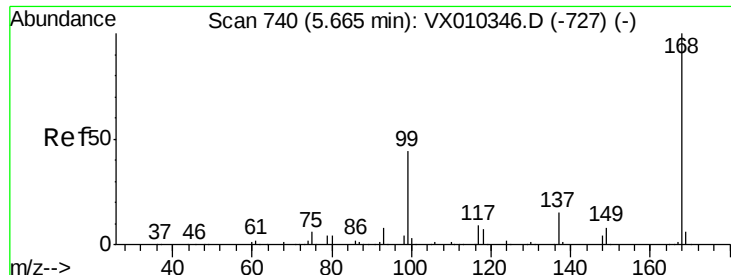
Instrument :
MSVOA_X
ClientSampleId :
FL-0570

Manual Integrations
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Quant Time: Jun 28 07:21:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampled :

FL-0570

Tot Ion:168 Resp: 248652

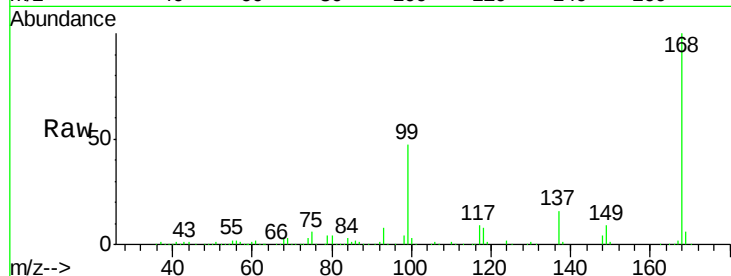
Ion Ratio Lower Upper

168 100

99 47.1 35.5 53.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

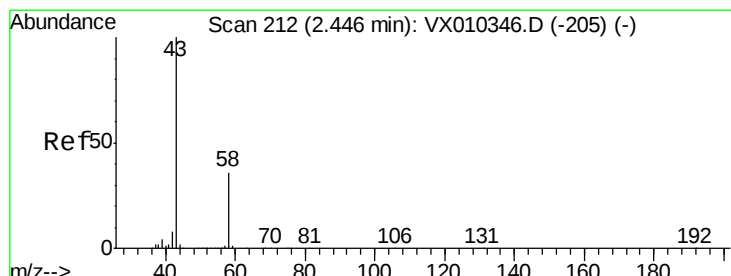
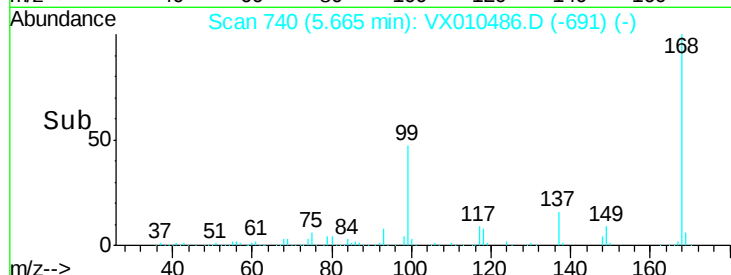
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.412 ug/l m

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010486.D

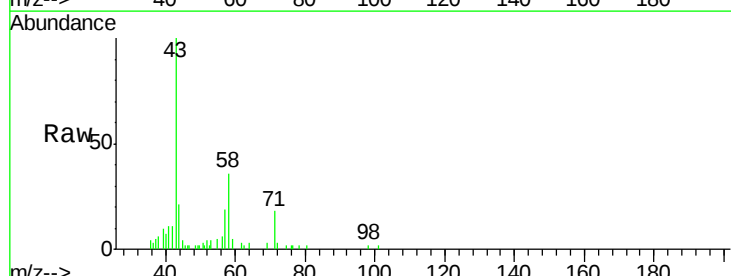
Acq: 27 Jun 2019 14:09

Tgt Ion: 43 Resp: 5155

Ion Ratio Lower Upper

43 100

58 36.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

20000

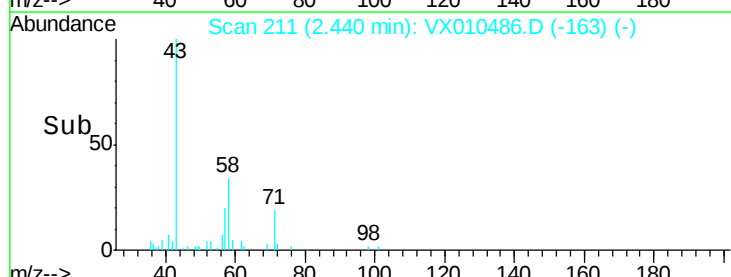
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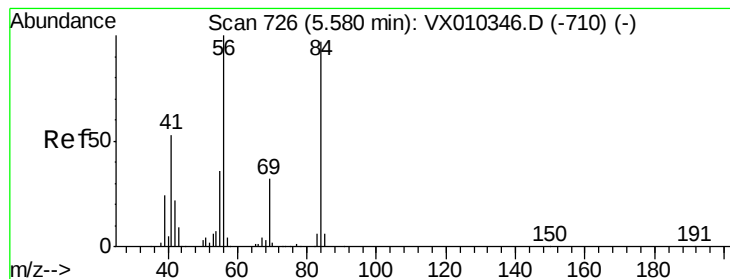
10000

5000

0

Time--> 2.45 2.50





#31

Cyclohexane

Concen: 86.094 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

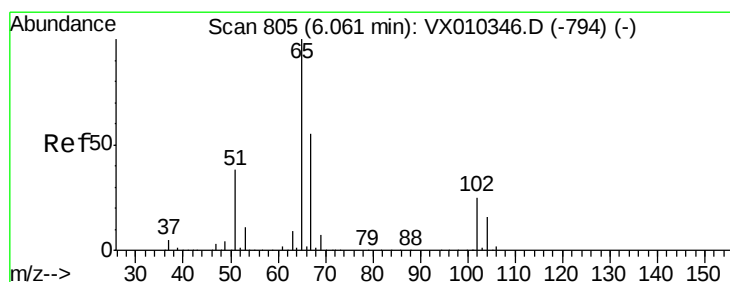
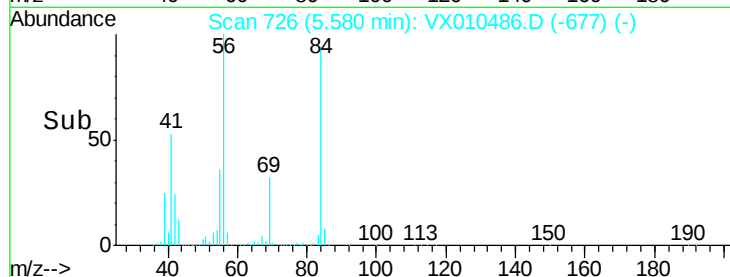
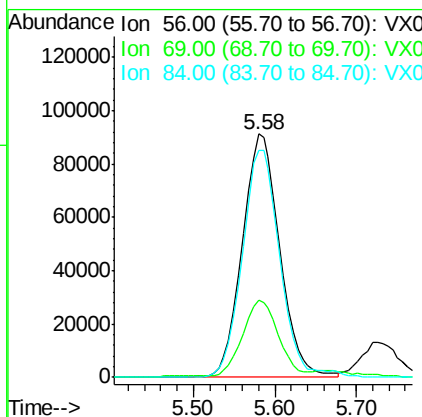
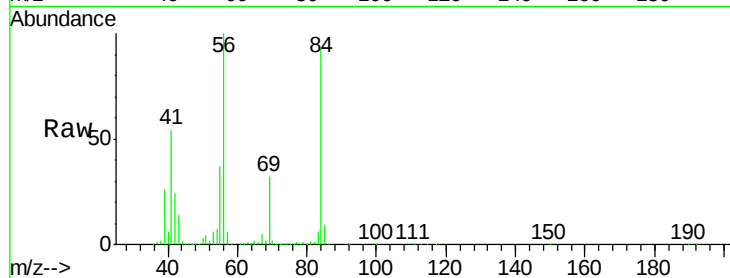
ClientSampleId :

FL-0570

Tot Ion:	56	Resp:	289923
Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.9	38.9
84	93.6	78.0	117.0

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#33

1,2-Dichloroethane-d4

Concen: 50.537 ug/l

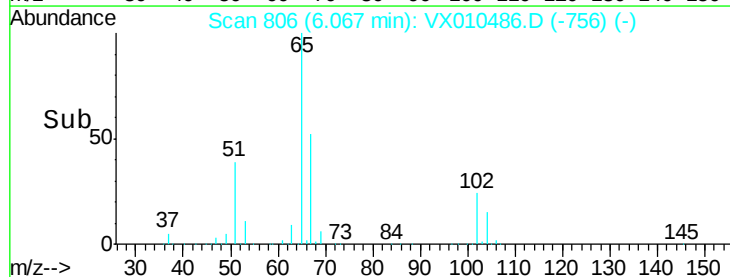
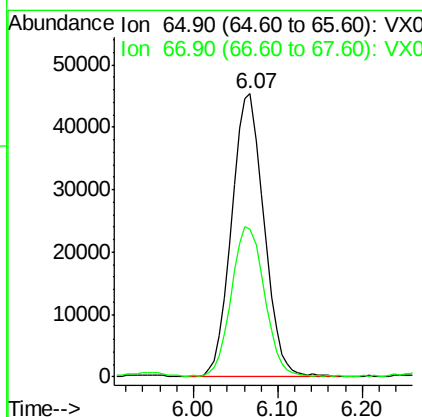
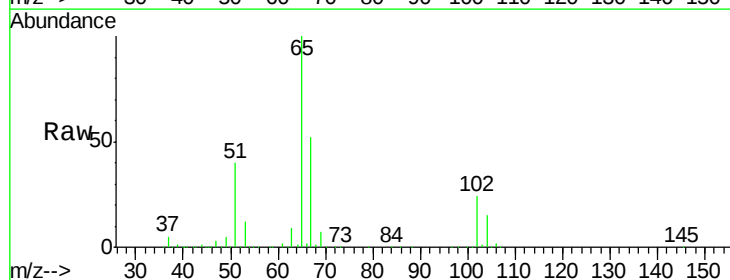
RT: 6.07 min Scan# 806

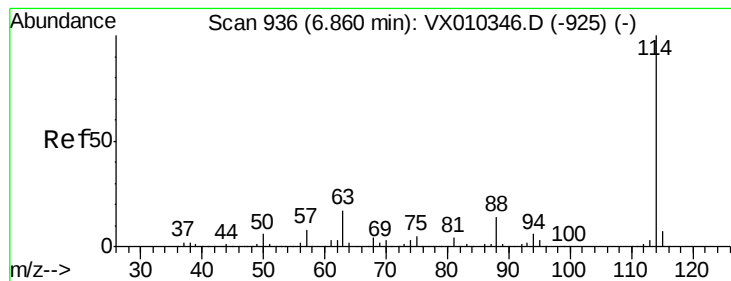
Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Tgt Ion:	65	Resp:	117821
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

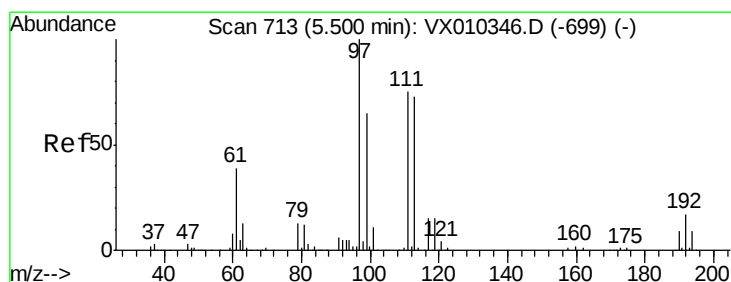
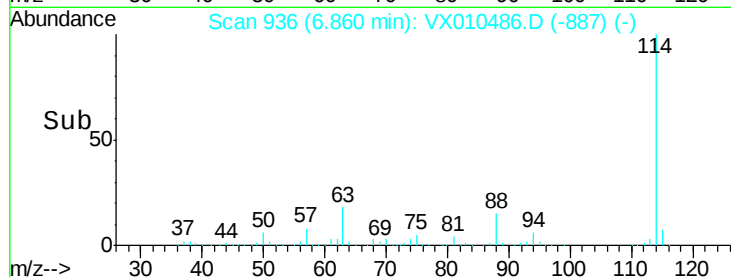
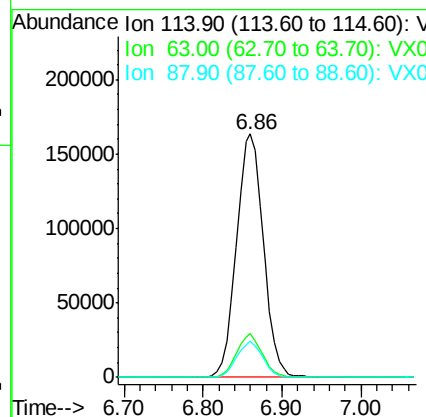
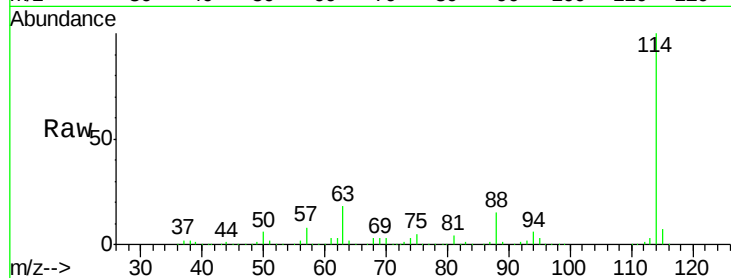
ClientSampled :

FL-0570

Tot Ion:	114	Resp:	387626
Ion Ratio	Lower	Upper	
114	100		
63	18.0	0.0	33.8
88	14.7	0.0	27.6

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#35

Dibromofluoromethane

Concen: 48.947 ug/l

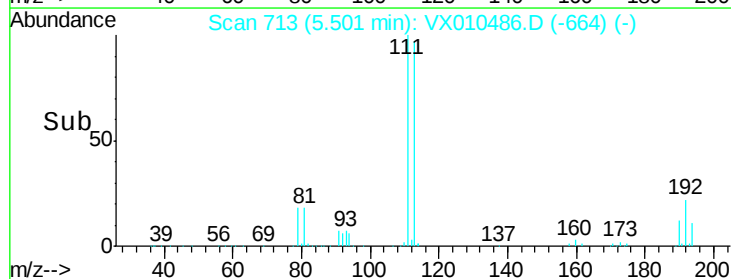
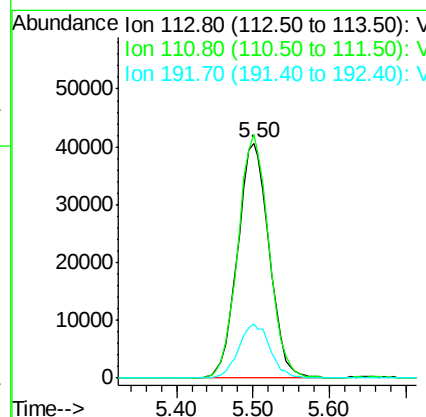
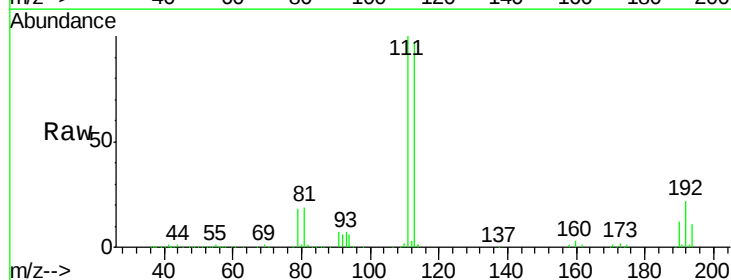
RT: 5.50 min Scan# 713

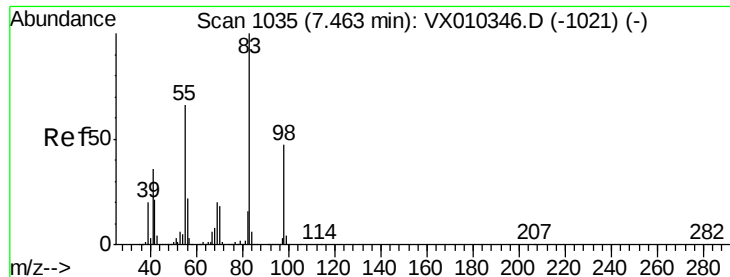
Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Tgt Ion:	113	Resp:	116085
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.2	121.8
192	23.1	18.6	27.8





#39

Methylvlcyclohexane

Concen: 59.380 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

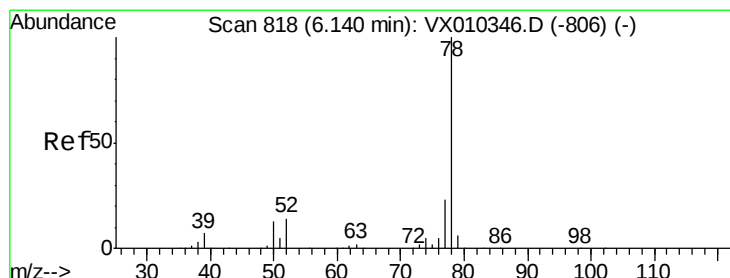
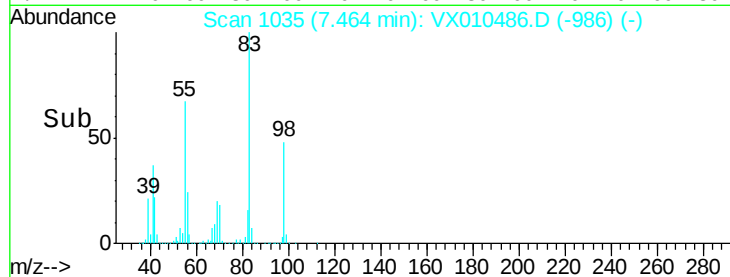
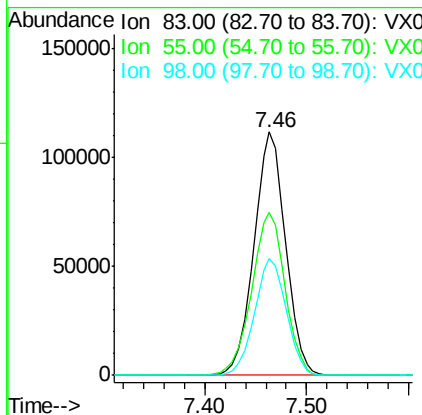
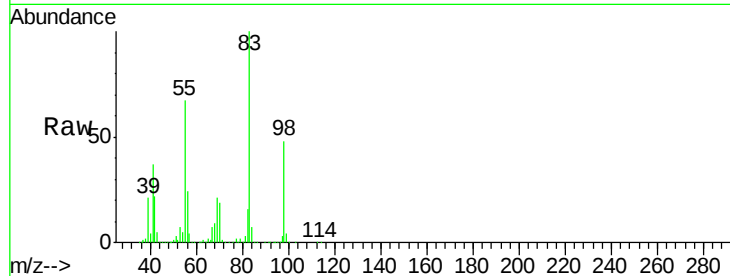
ClientSampled :

FL-0570

Tot Ion:	83	Resp:	240427
Ion	Ratio	Lower	Upper
83	100		
55	67.0	53.0	79.6
98	48.3	37.8	56.8

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#40

Benzene

Concen: 191.020 ug/l

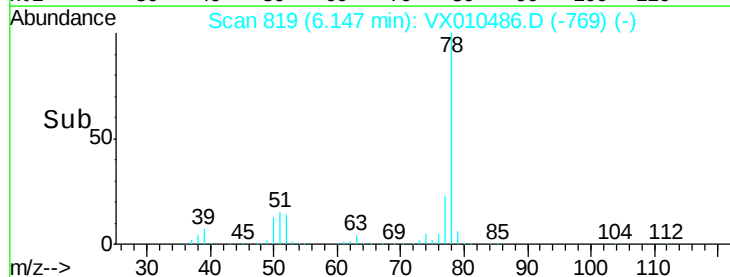
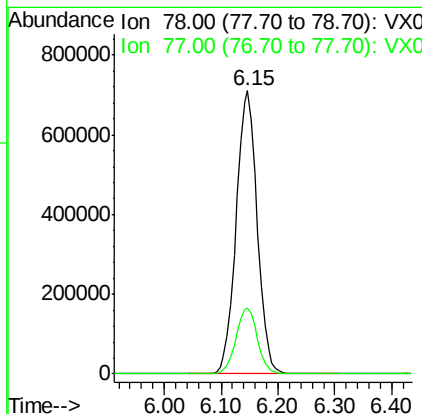
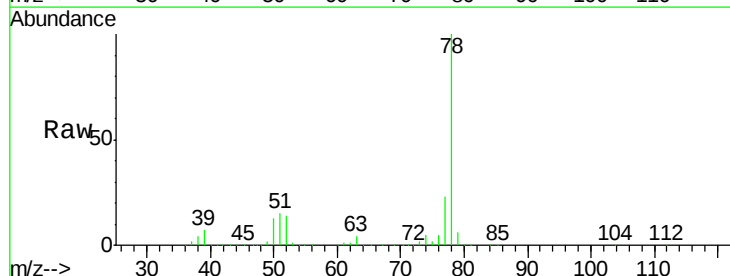
RT: 6.15 min Scan# 819

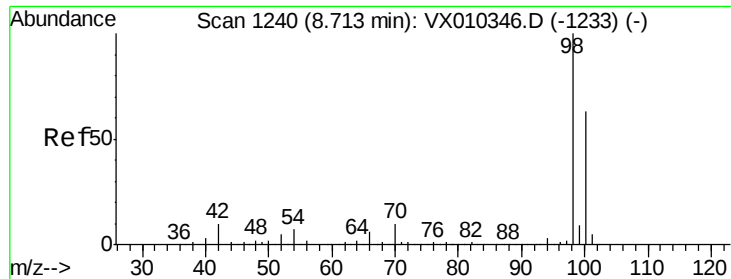
Delta R.T. 0.01 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Tgt Ion:	78	Resp:	1833133
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	28.0





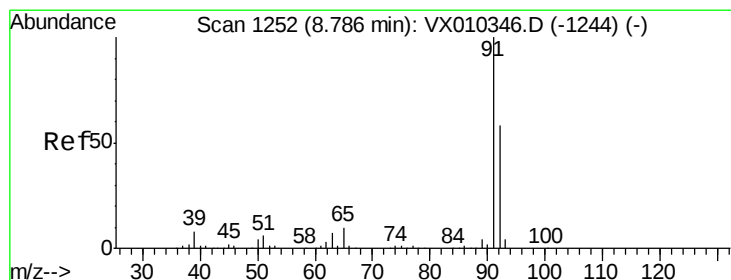
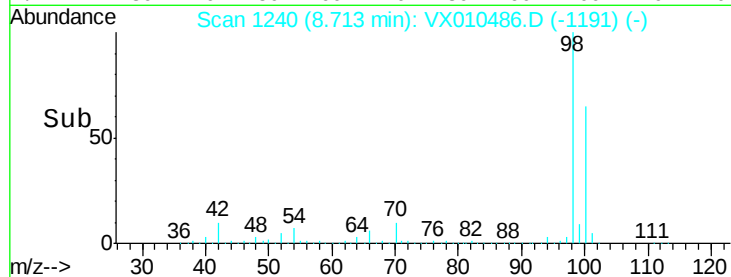
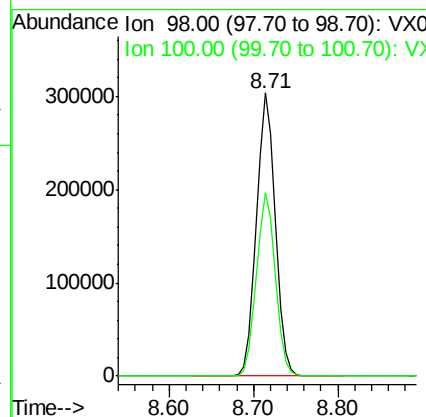
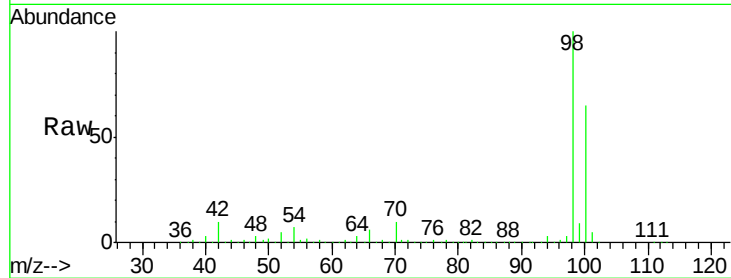
#50
Toluene-d8
Concen: 50.779 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0570

Tot Ion: 98 Resp: 460736
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4

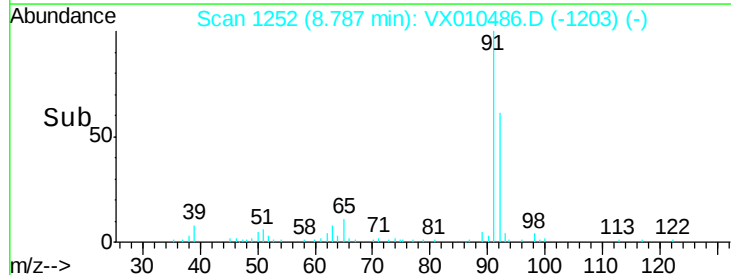
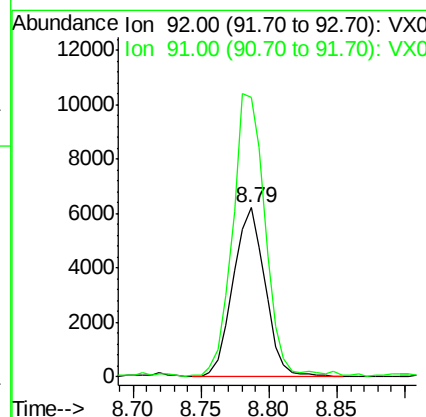
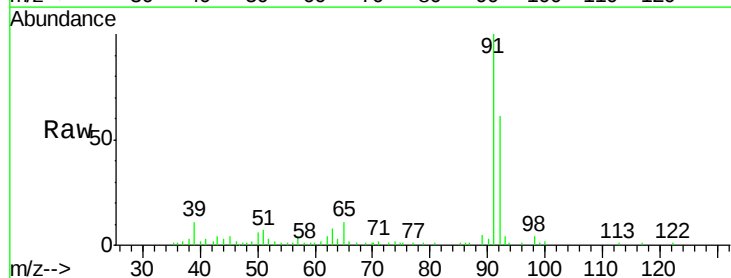
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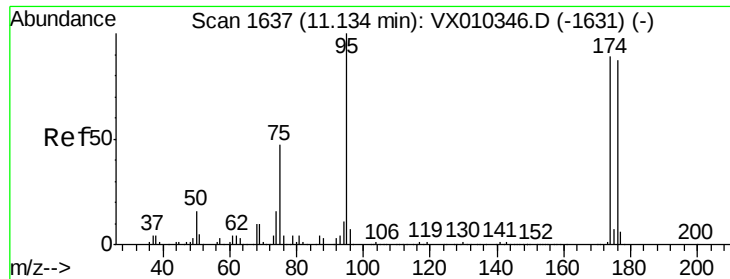
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#52
Toluene
Concen: 1.620 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion: 92 Resp: 10235
Ion Ratio Lower Upper
92 100
91 171.4 139.8 209.6





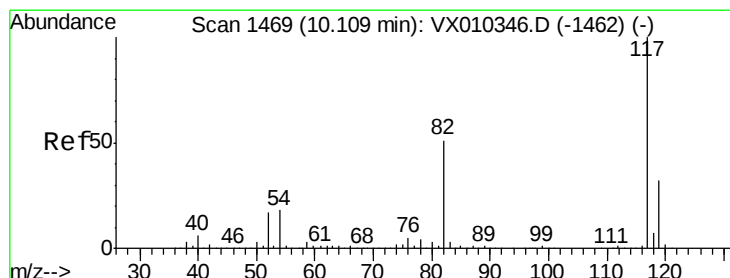
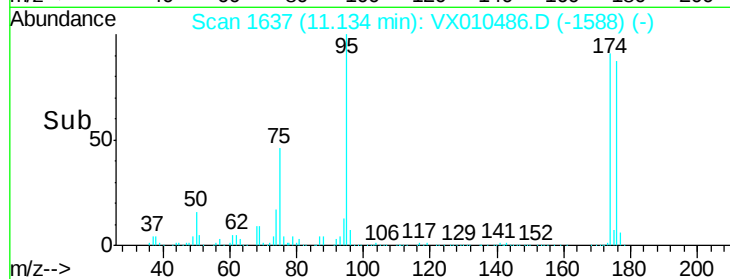
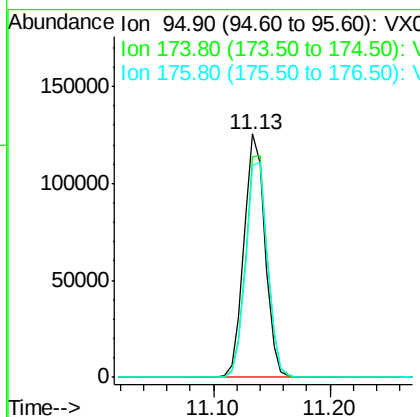
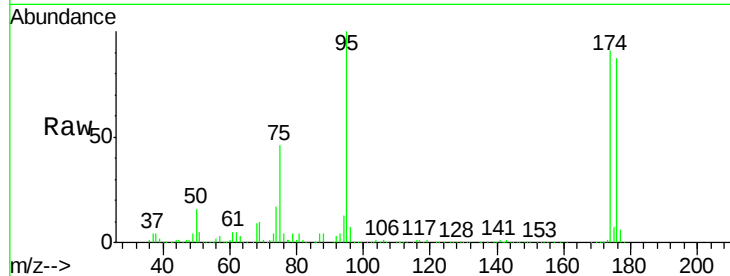
#62
4-Bromofluorobenzene
Concen: 48.760 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0570

Tot Ion	Ratio	Resp	Lower	Upper
95	100	159726		
174	94.3	0.0	187.6	
176	91.1	0.0	184.0	

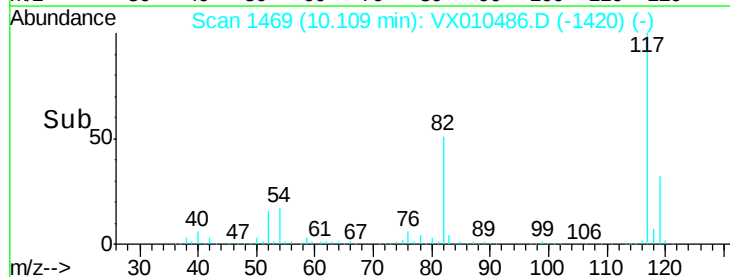
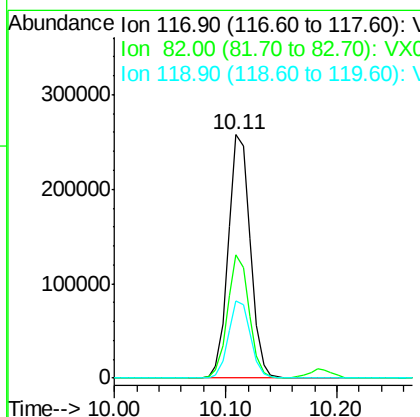
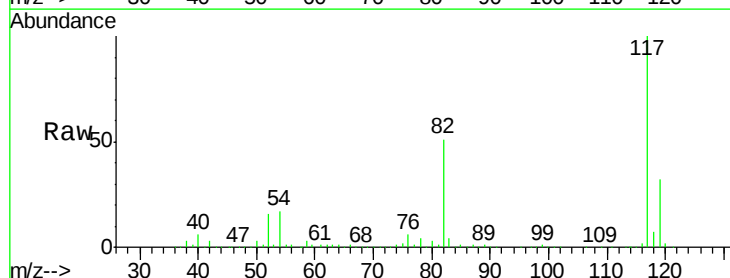
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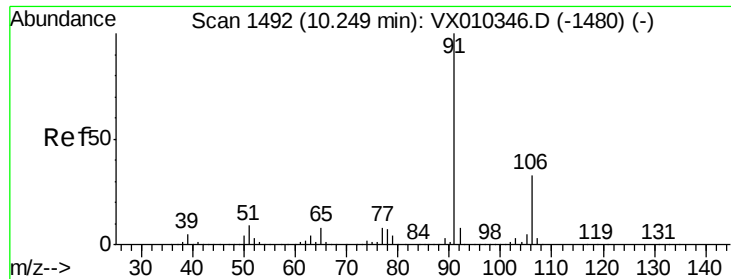
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	353202		
82	50.8	41.2	61.8	
119	31.9	25.5	38.3	





#67

Ethyl Benzene

Concen: 202.589 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampled :

FL-0570

Tot Ion: 91 Resp: 2452479

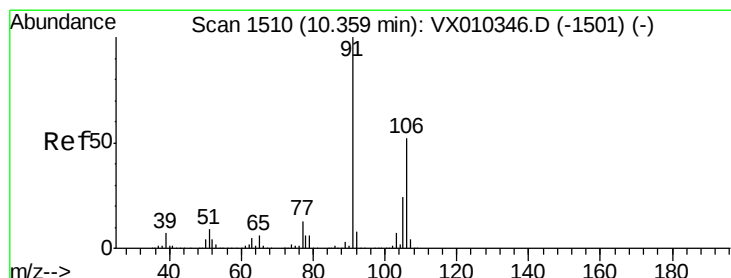
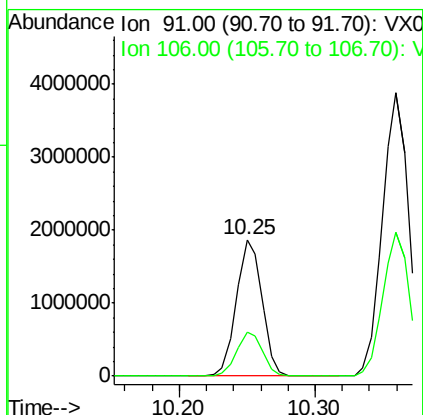
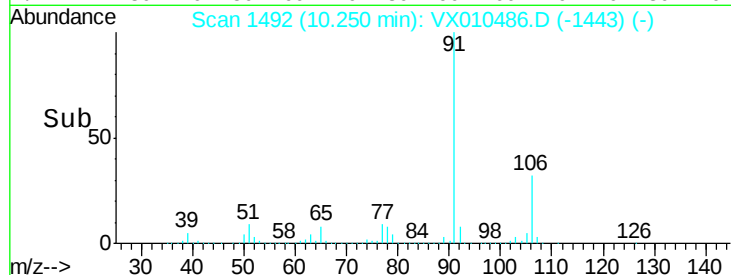
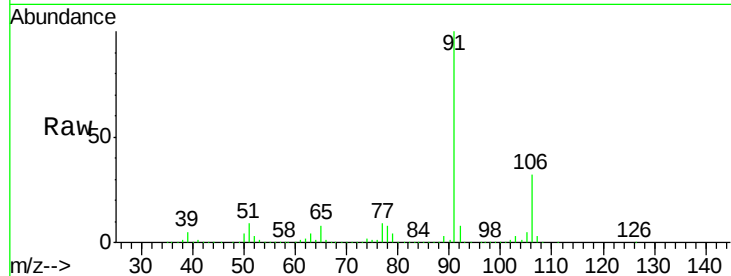
Ion Ratio Lower Upper

91 100

106 32.2 26.2 39.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 567.073 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010486.D

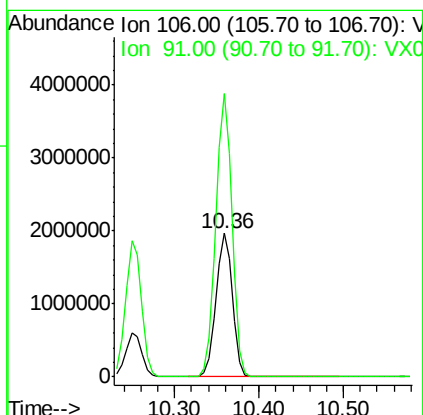
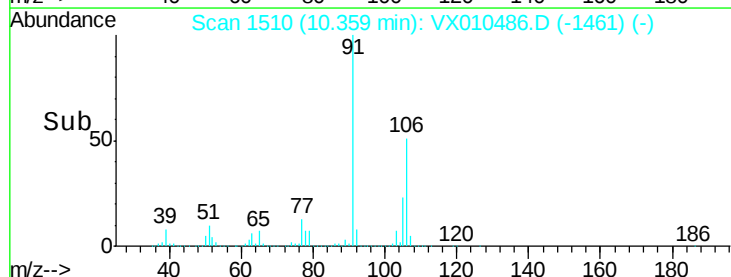
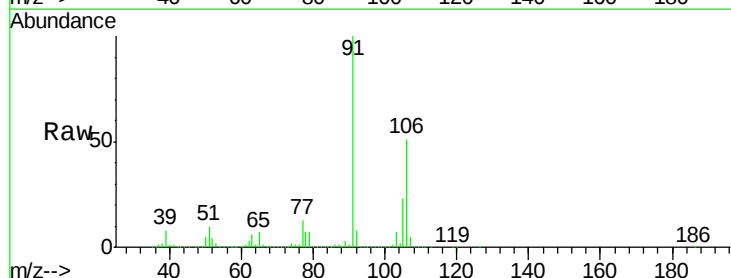
Acq: 27 Jun 2019 14:09

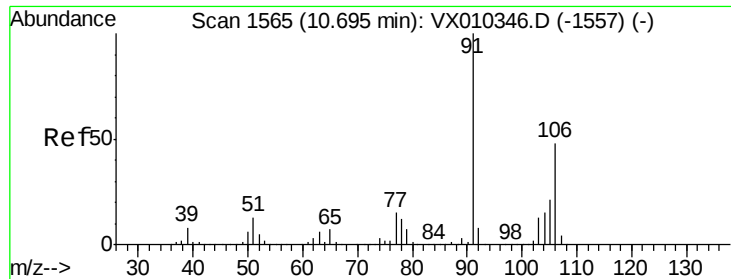
Tgt Ion: 106 Resp: 2659941

Ion Ratio Lower Upper

106 100

91 195.4 155.3 232.9





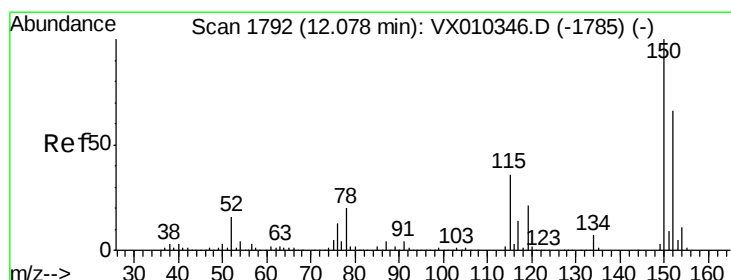
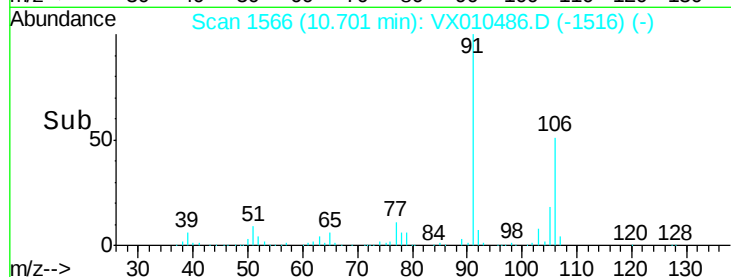
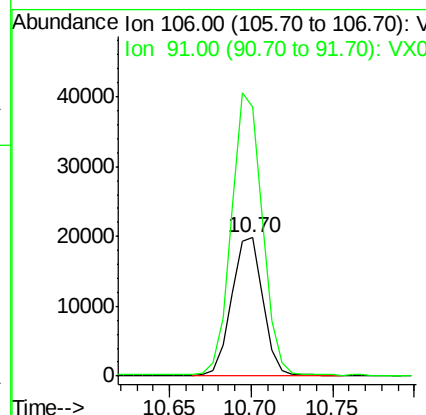
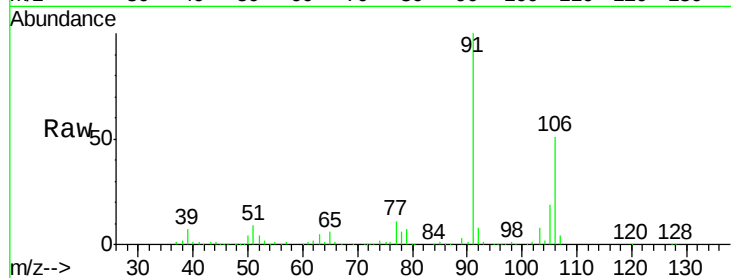
#69
o-Xylene
Concen: 5.695 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampled :
FL-0570

Tot Ion:106 Resp: 26271
Ion Ratio Lower Upper
106 100
91 202.7 102.7 308.1

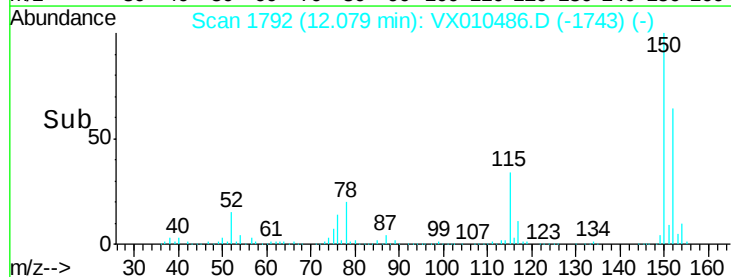
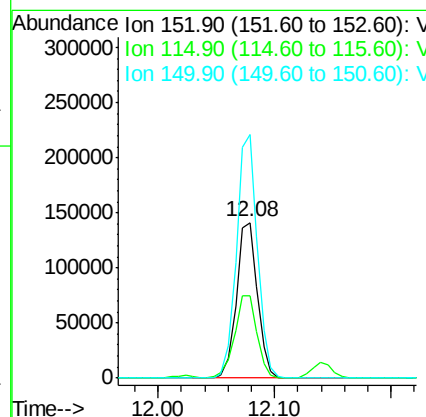
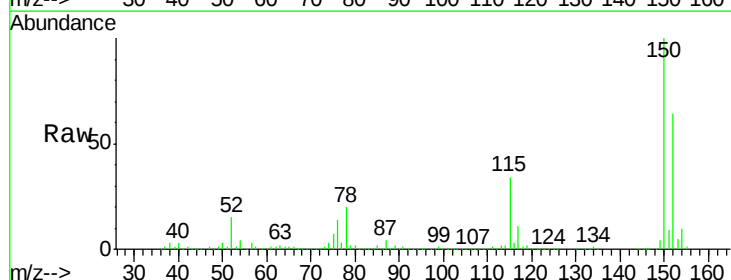
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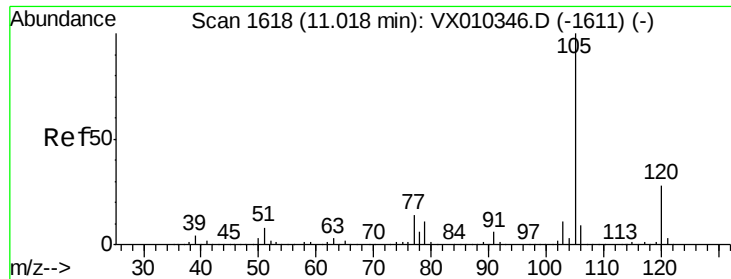
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Tgt Ion:152 Resp: 176342
Ion Ratio Lower Upper
152 100
115 56.8 38.6 115.7
150 156.4 0.0 347.4





#73

Isopropylbenzene

Concen: 19.268 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010486.D

Acq: 27 Jun 2019 14:09

Instrument :

MSVOA_X

ClientSampleId :

FL-0570

Tot Ion: 105 Resp: 230327

Ion Ratio Lower Upper

105 100

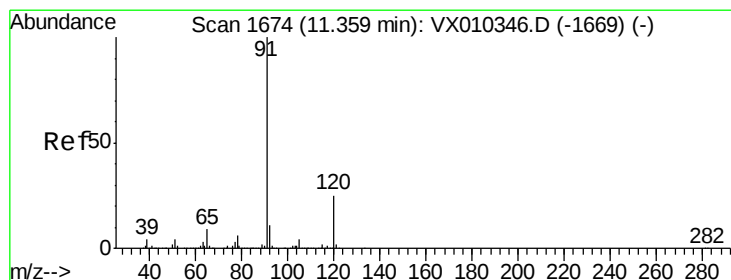
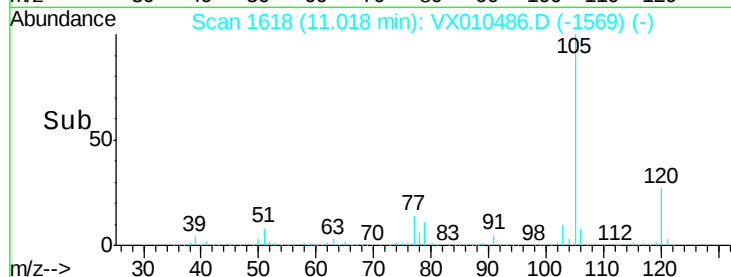
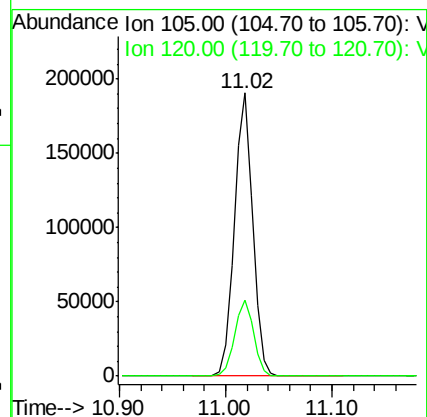
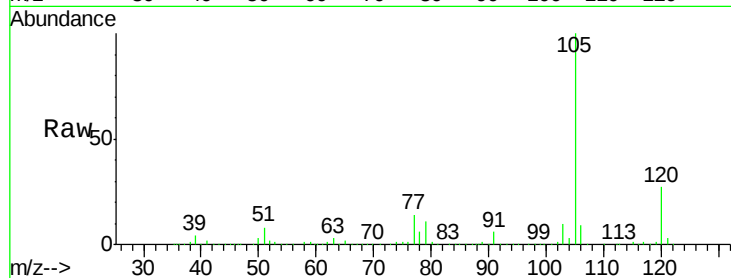
120 27.7 14.1 42.4

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#78

n-propylbenzene

Concen: 21.575 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010486.D

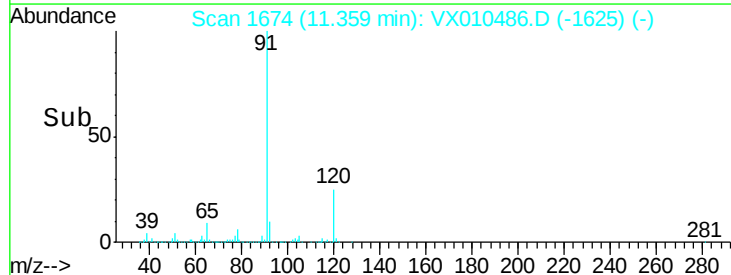
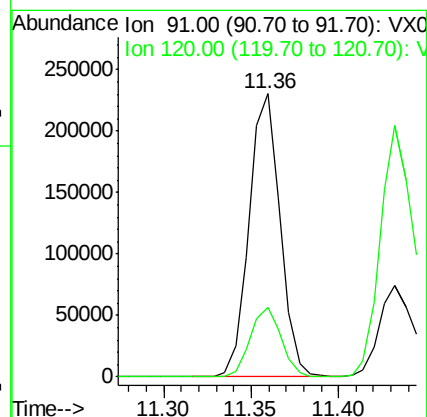
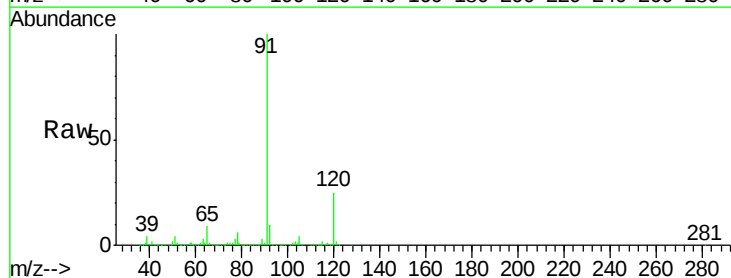
Acq: 27 Jun 2019 14:09

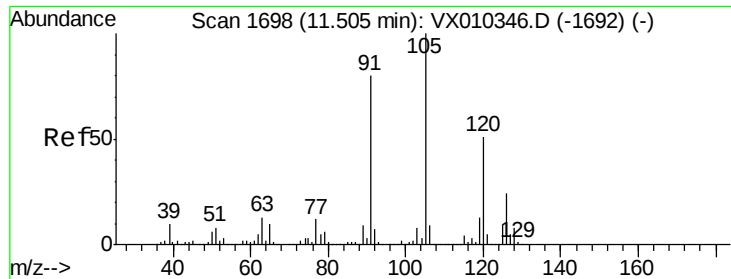
Tgt Ion: 91 Resp: 283451

Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.4





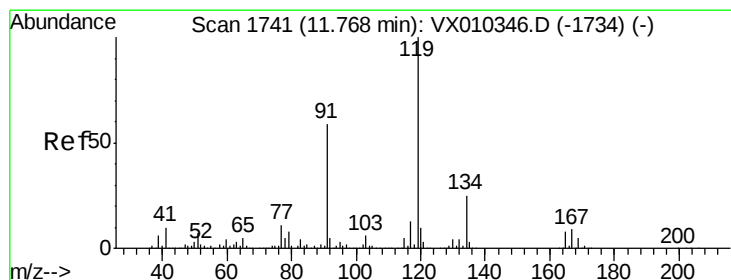
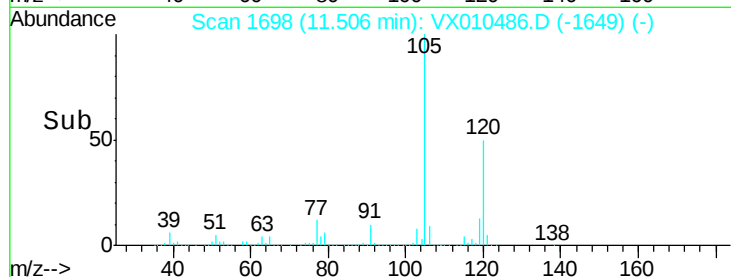
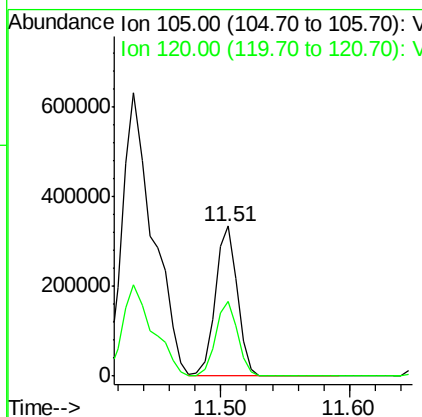
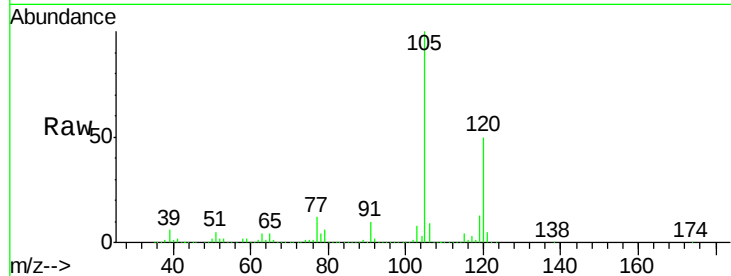
#80
 1,3,5-Trimethylbenzene
 Concen: 41.055 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570

Tot Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.2	75.6

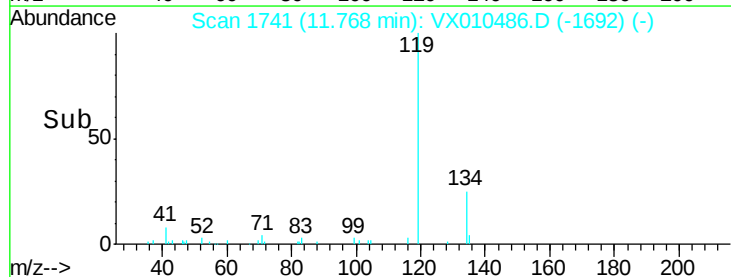
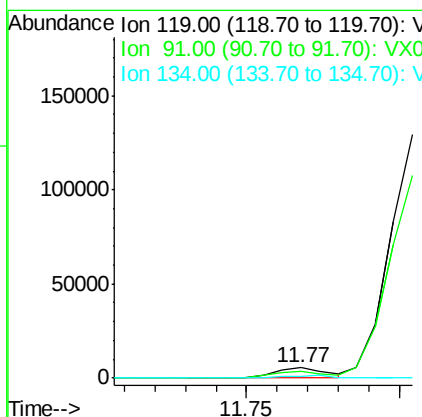
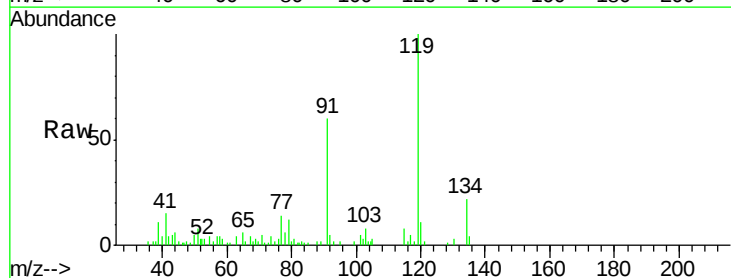
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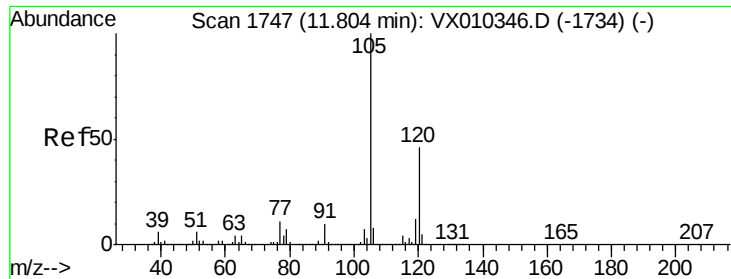
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#83
 tert-Butylbenzene
 Concen: 0.659 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.4	27.6	82.7
134	27.5	11.8	35.4





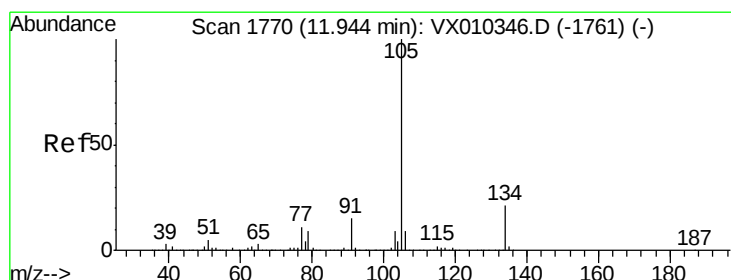
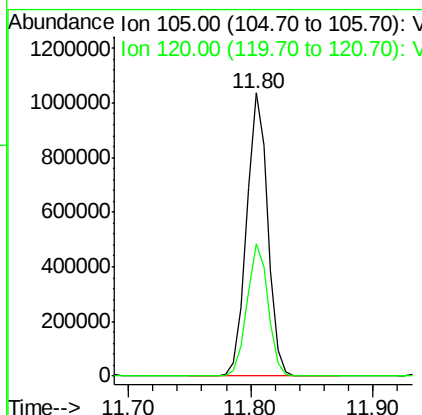
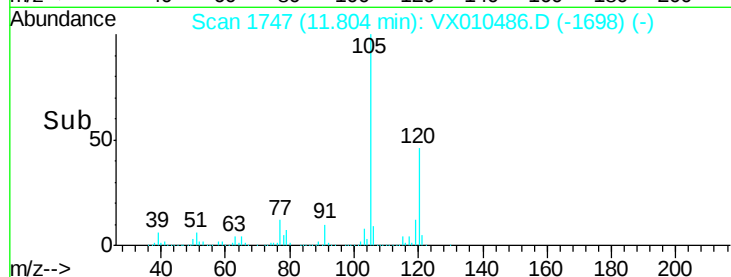
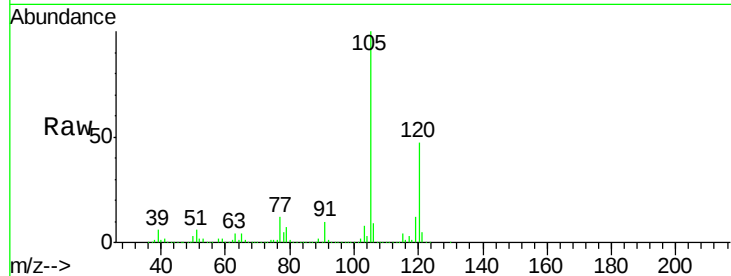
#84
 1,2,4-Trimethylbenzene
 Concen: 124.467 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570

Tot Ion:105 Resp: 1232303
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.1 69.2

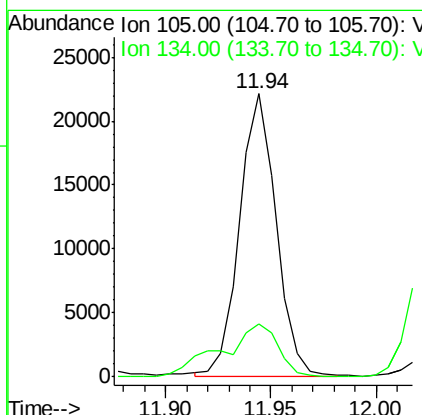
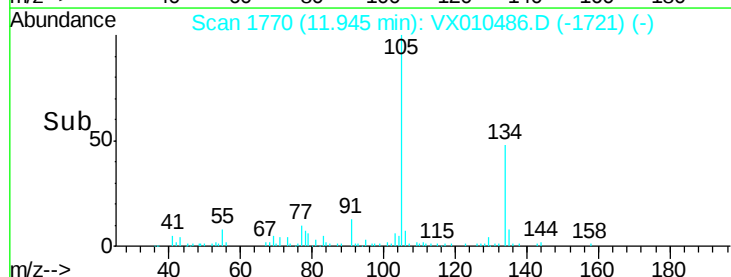
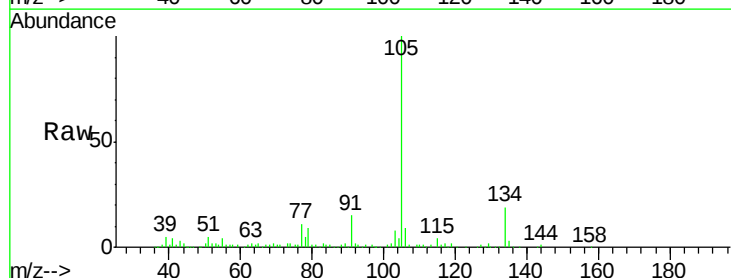
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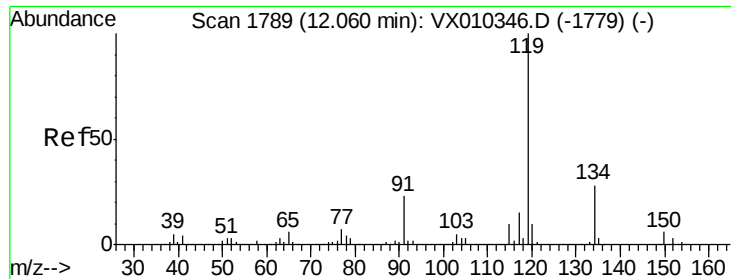
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#85
 sec-Butylbenzene
 Concen: 2.310 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Tgt Ion:105 Resp: 26832
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#





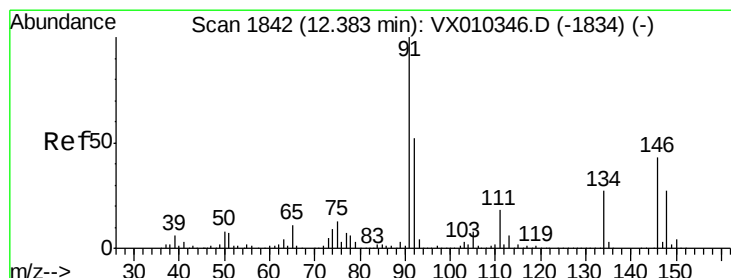
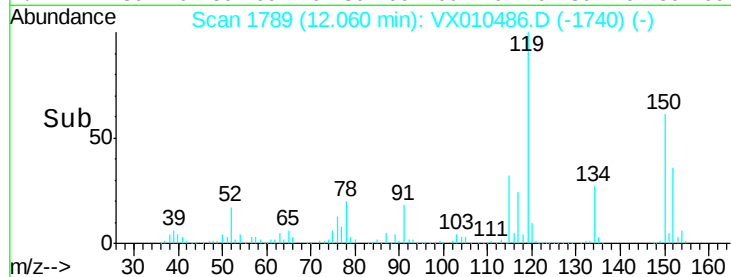
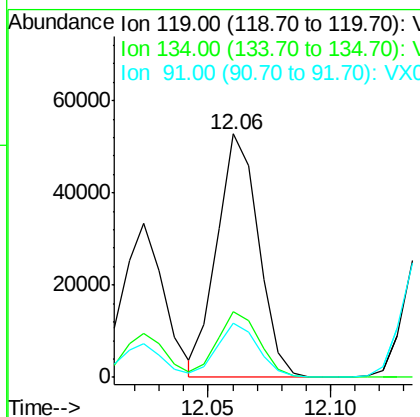
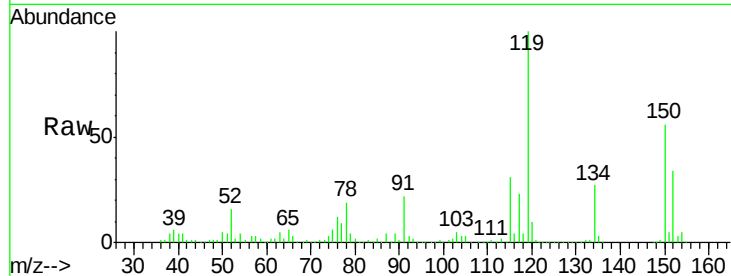
#86
 p-Isopropyltoluene
 Concen: 5.782 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0570

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.7	41.1
91	21.9	11.3	33.8

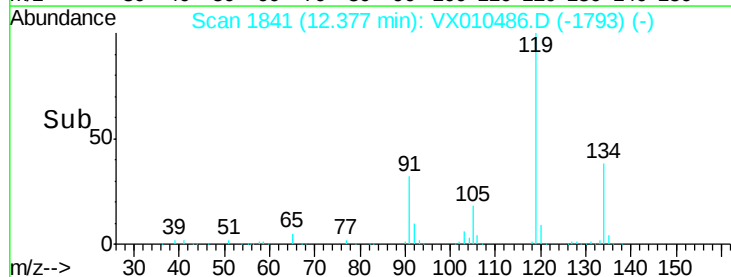
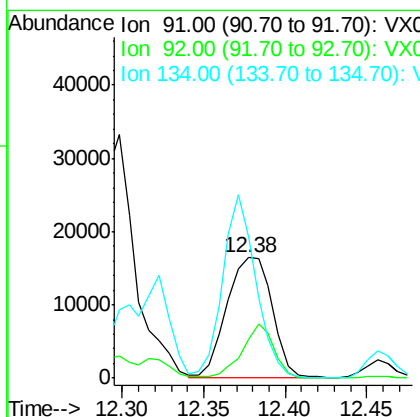
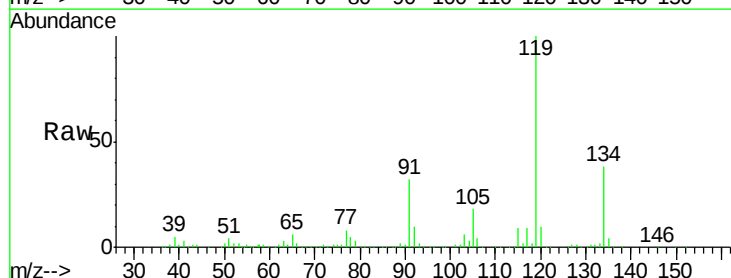
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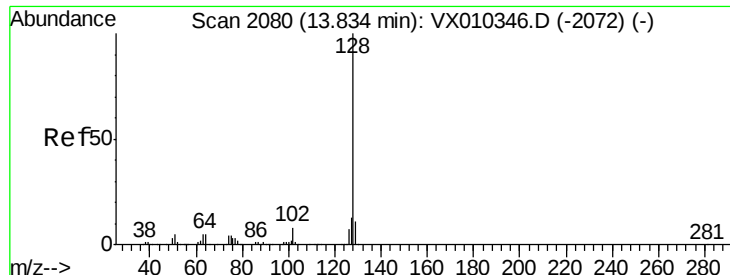
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#89
 n-Butylbenzene
 Concen: 3.455 ug/l
 RT: 12.38 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX010486.D
 Acq: 27 Jun 2019 14:09

Tgt Ion	Ratio	Lower	Upper
91	100		
92	32.5	26.2	78.5
134	113.3	14.1	42.4





#95
Naphthalene
Concen: 16.965 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010486.D
Acq: 27 Jun 2019 14:09

Instrument :
MSVOA_X
ClientSampleId :
FL-0570

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	13.5	10.2	15.4
129	11.3	8.9	13.3

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