

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010539.D
 Acq On : 28 Jun 2019 16:58
 Operator : JC/SP
 Sample : K3565-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0571DL

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 11:35:58 AM

Quant Time: Jun 29 05:46:51 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	5.66	168	240211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	336767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166877	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112560	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	5.50	113	109271	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
50) Toluene-d8	8.71	98	433686	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	153457	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
Target Compounds						
					Qvalue	
16) Acetone	2.46	43	2874	2.546	ug/l	96
31) Cyclohexane	5.57	56	49132	15.103	ug/l	95
39) Methylcyclohexane	7.46	83	35510	9.343	ug/l	94
40) Benzene	6.14	78	453868	50.384	ug/l	99
52) Toluene	8.78	92	407848	68.751	ug/l	100
67) Ethyl Benzene	10.25	91	532819	46.162	ug/l	100
68) m/p-Xylenes	10.36	106	844505	188.827	ug/l	99
69) o-Xylene	10.69	106	196498	44.677	ug/l	99
73) Isopropylbenzene	11.02	105	50689	4.481	ug/l	98
78) n-propylbenzene	11.36	91	52466	4.220	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	94853	10.171	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	325042	34.692	ug/l	97
85) sec-Butylbenzene	11.94	105	6130m	0.558	ug/l	
86) p-Isopropyltoluene	12.06	119	6968	0.685	ug/l	91
89) n-Butylbenzene	12.38	91	7783	0.901	ug/l #	18
95) Naphthalene	13.83	128	143480	12.286	ug/l	99

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

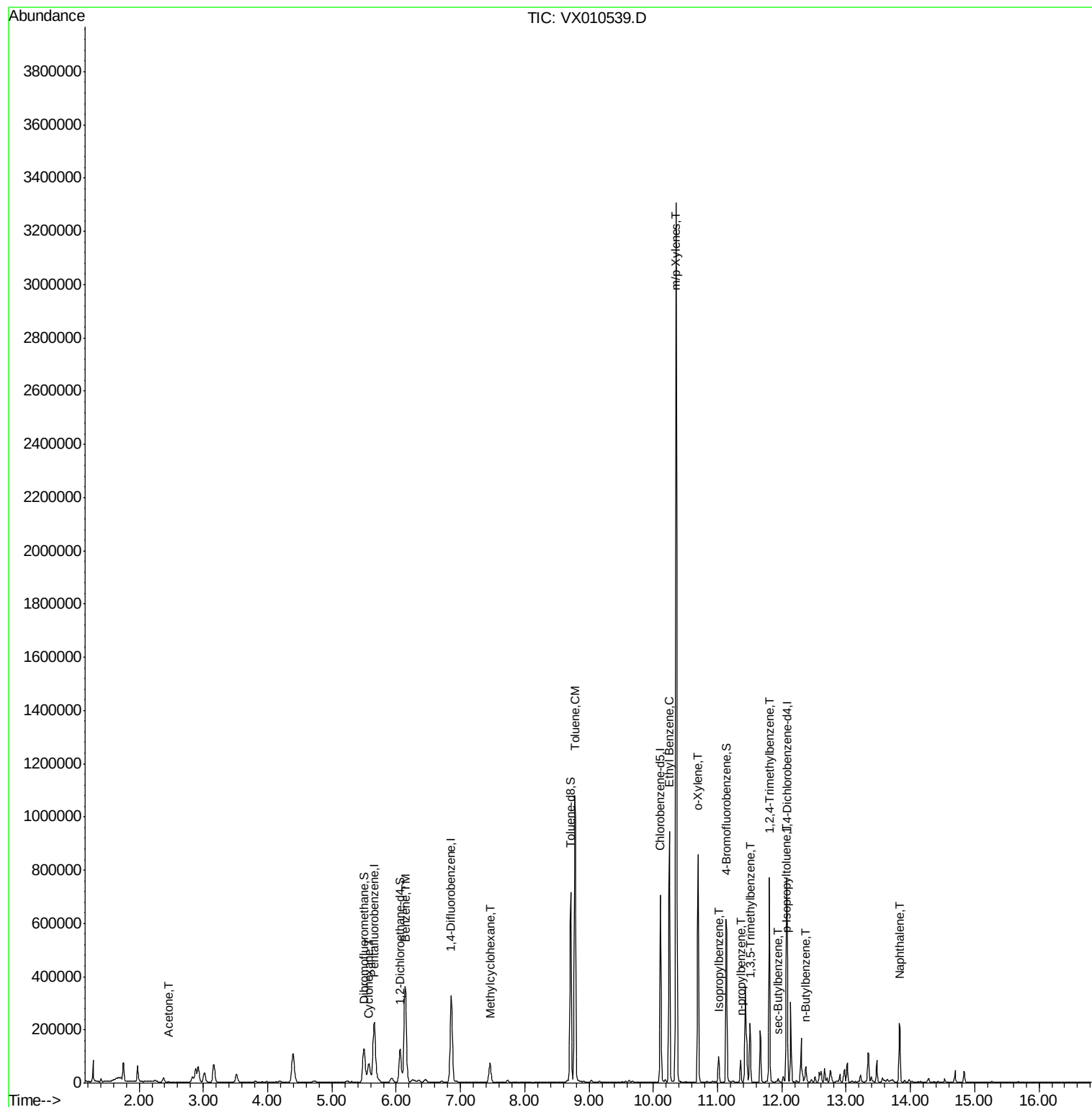
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
Data File : VX010539.D
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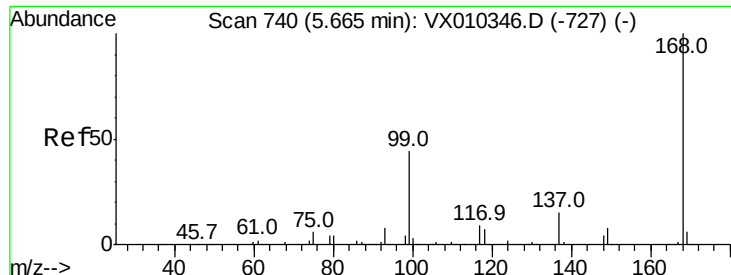
Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

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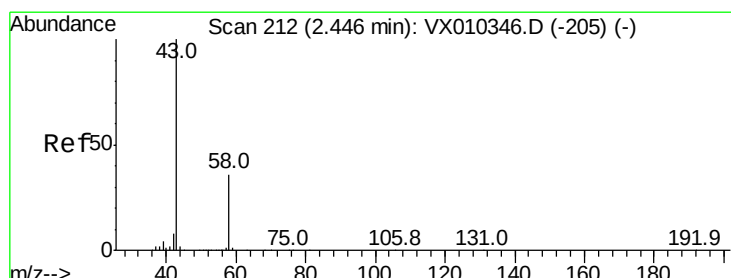
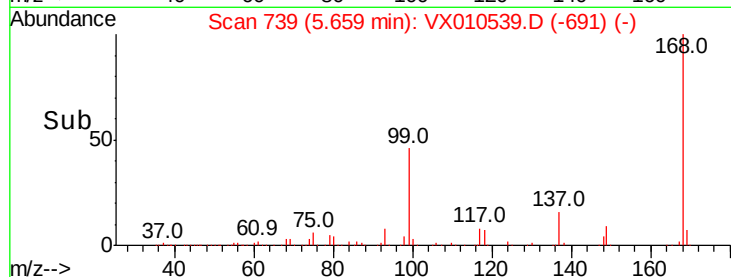
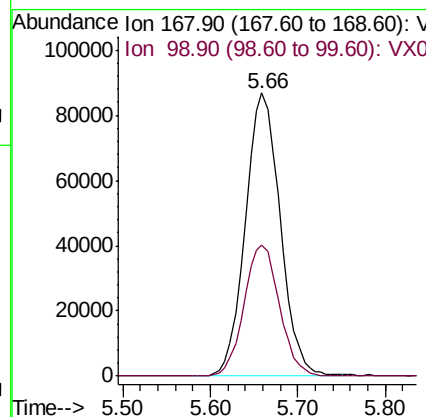
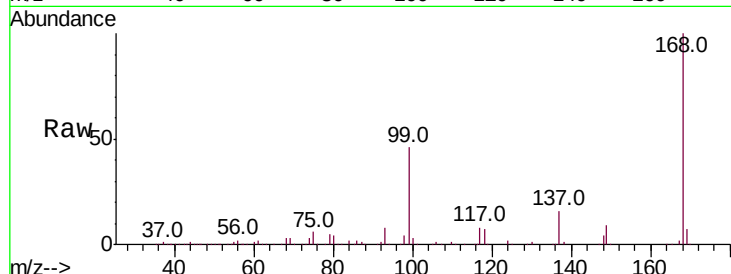
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

Tot Ion	Ratio	Resp	Lower	Upper
168	100	240211		
99	46.3	35.5	53.3	

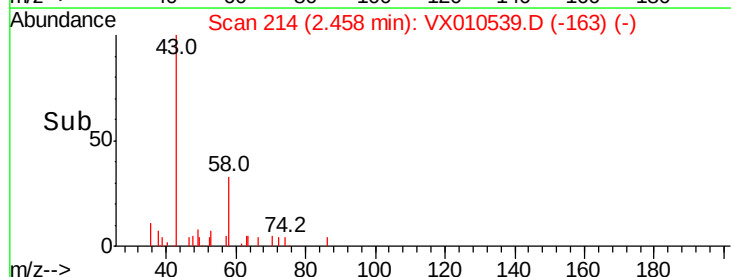
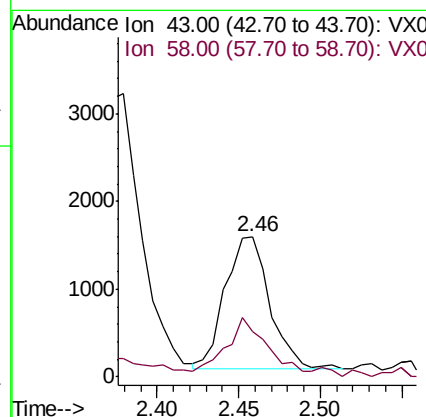
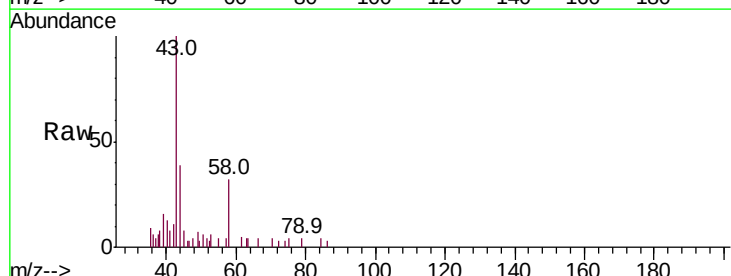
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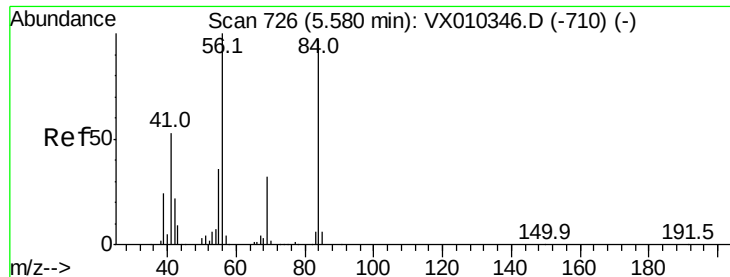
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#16
Acetone
Concen: 2.546 ug/l
RT: 2.46 min Scan# 214
Delta R.T. 0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2874		
58	34.0	28.9	43.3	





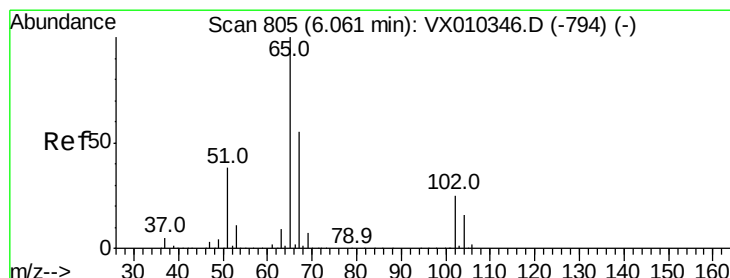
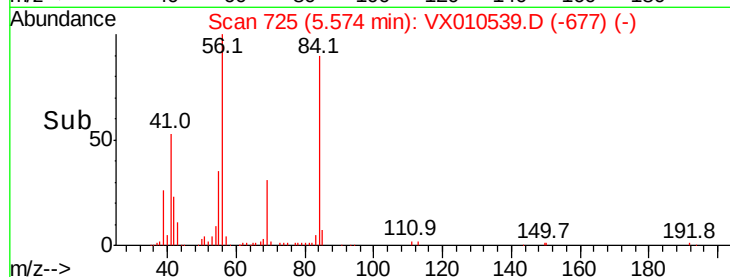
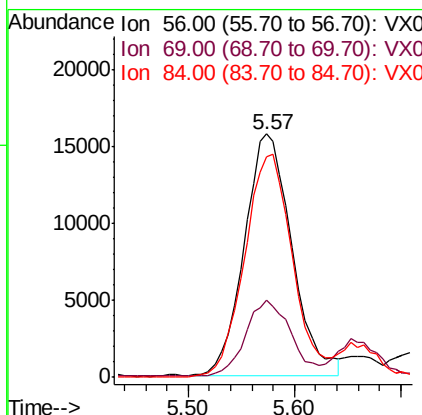
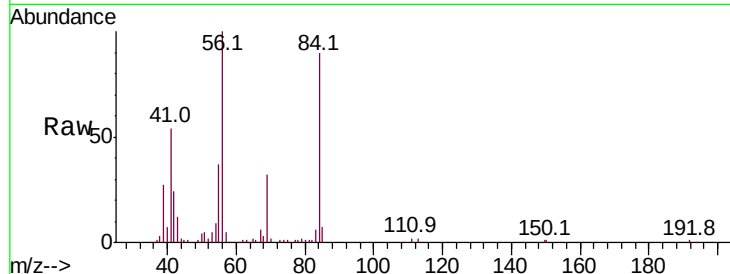
#31
Cyclohexane
Concen: 15.103 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	25.9	38.9
84	91.1	78.0	117.0

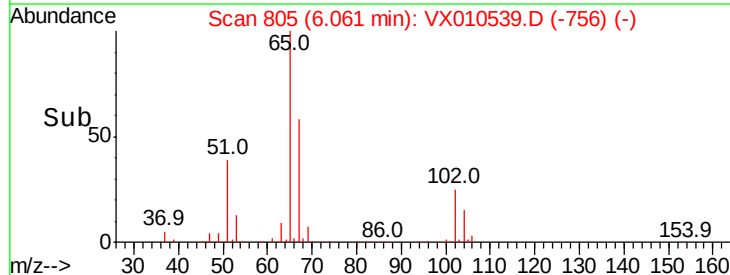
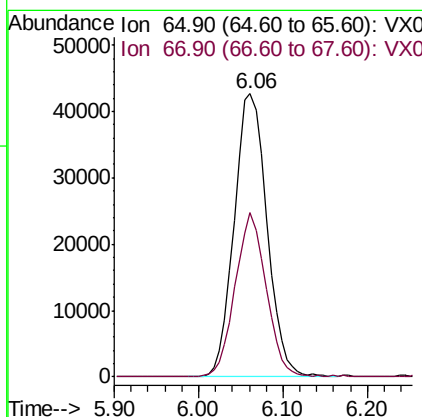
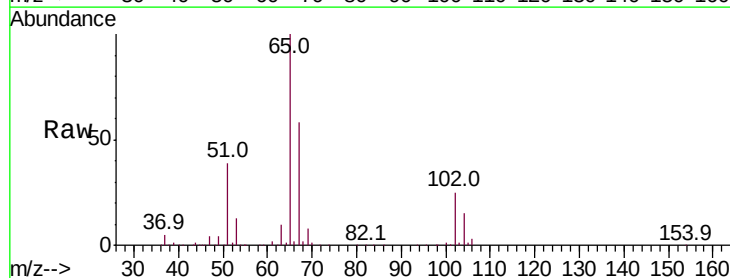
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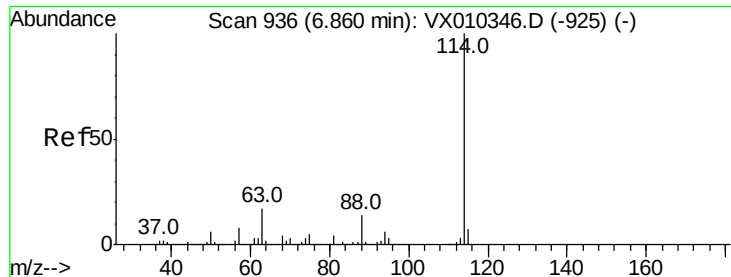
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#33
1,2-Dichloroethane-d4
Concen: 49.977 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
65	100		
67	54.9	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: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

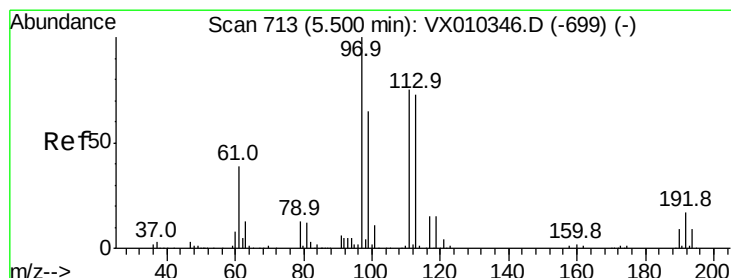
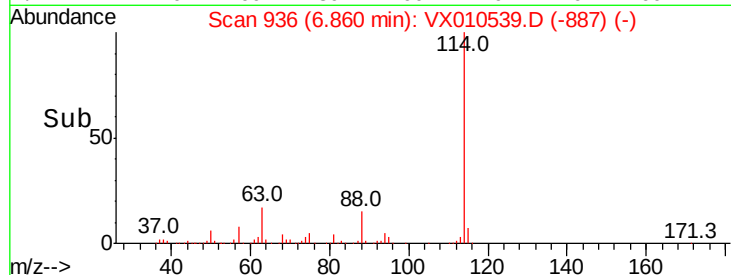
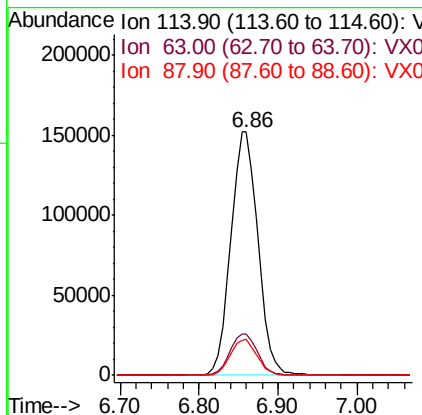
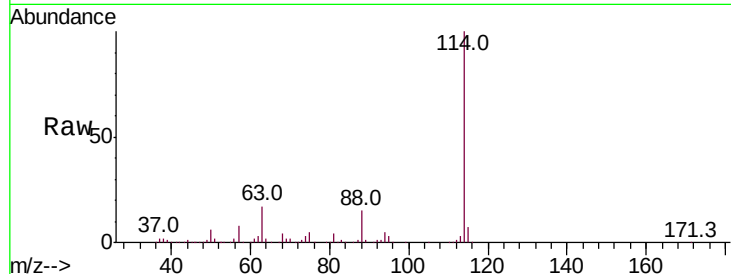
ClientSampleId :

FL-0571DL

Tot Ion	Ratio	Resp	Lower	Upper
114	100	363862		
63	16.7	0.0	33.8	
88	14.7	0.0	27.6	

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#35

Dibromofluoromethane

Concen: 49.083 ug/l

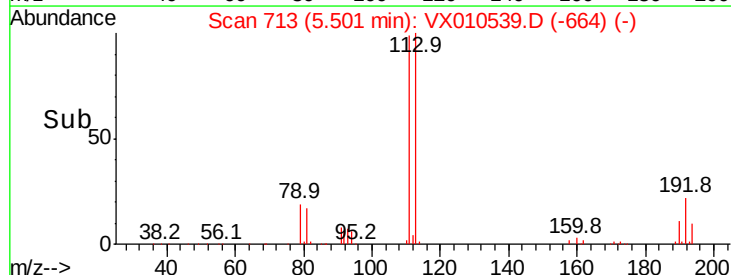
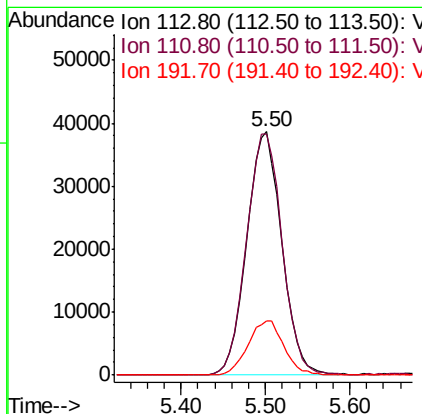
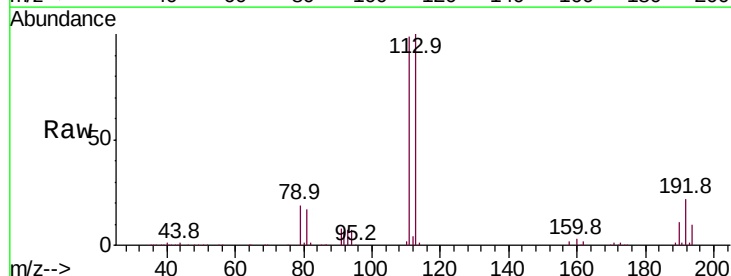
RT: 5.50 min Scan# 713

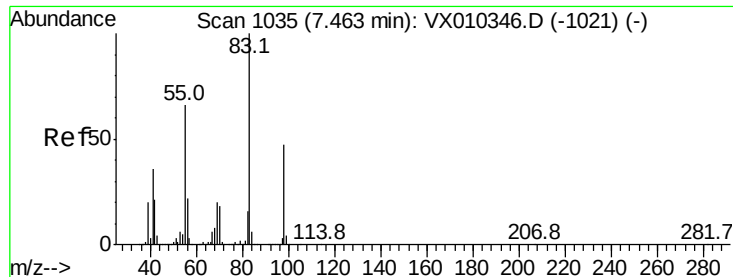
Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	109271		
111	101.1	81.2	121.8	
192	22.9	18.6	27.8	





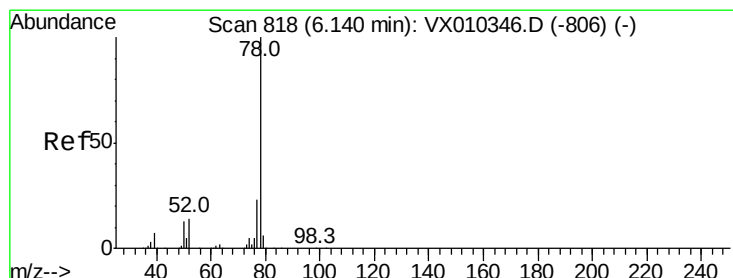
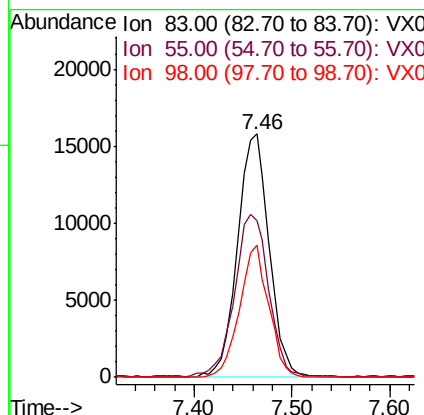
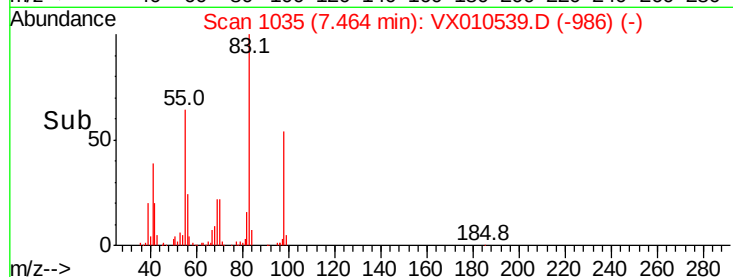
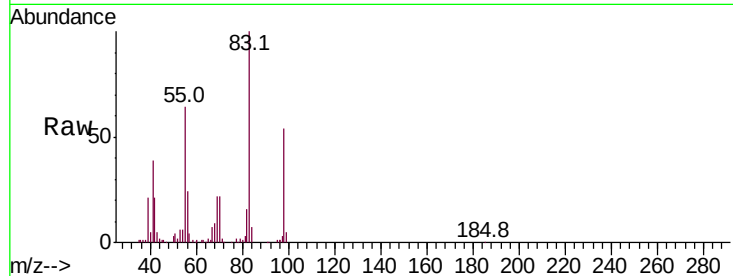
#39
Methylvlcyclohexane
Concen: 9.343 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	64.2	53.0	79.6
98	54.3	37.8	56.8

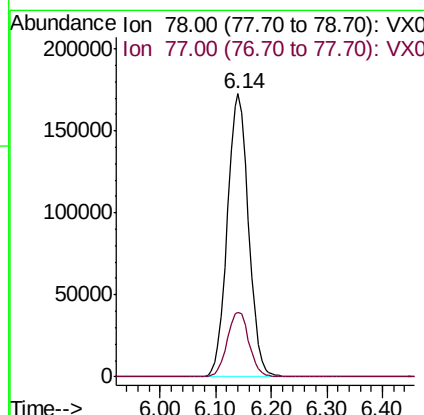
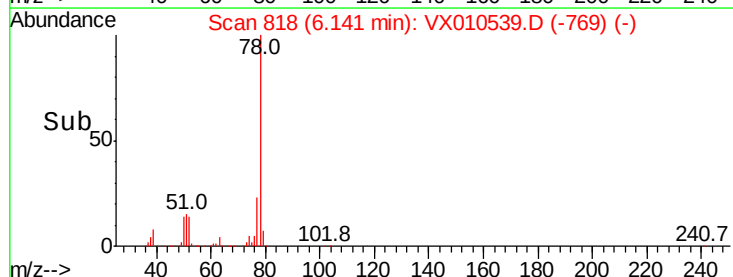
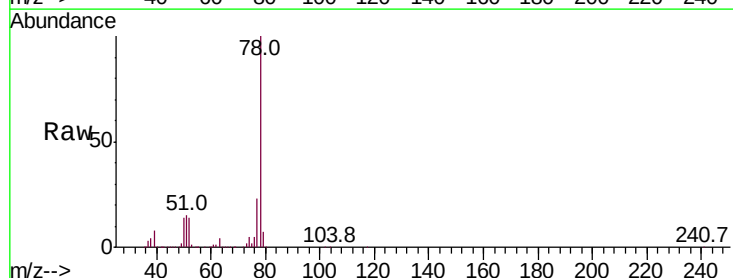
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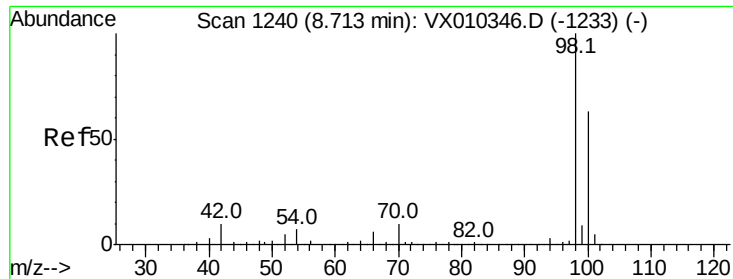
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#40
Benzene
Concen: 50.384 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





#50

Toluene-d8

Concen: 50.919 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampleId :

FL-0571DL

Tot Ion: 98 Resp: 433686

Ion Ratio Lower Upper

98 100

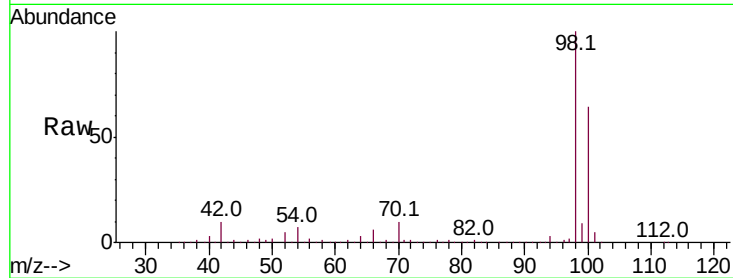
100 64.5 51.6 77.4

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

300000

200000

100000

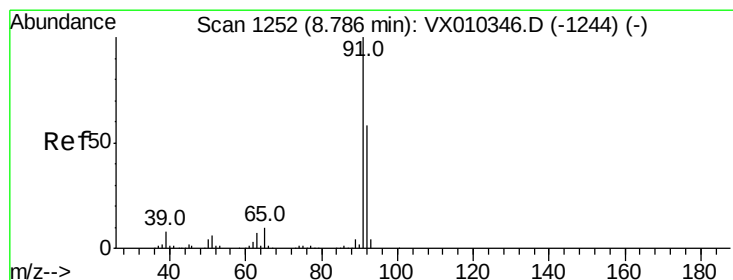
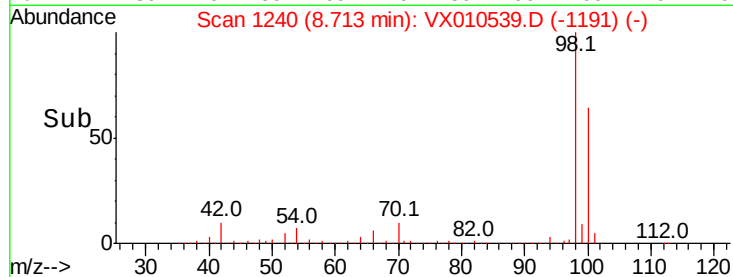
0

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 68.751 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX010539.D

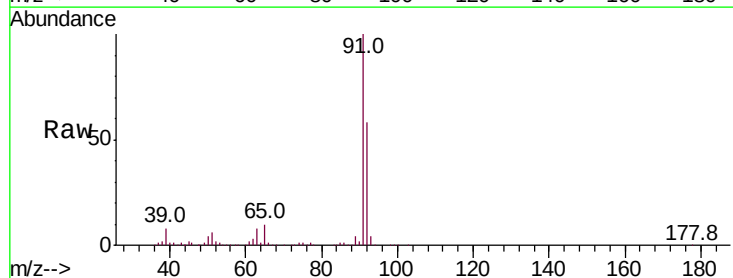
Acq: 28 Jun 2019 16:58

Tgt Ion: 92 Resp: 407848

Ion Ratio Lower Upper

92 100

91 174.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

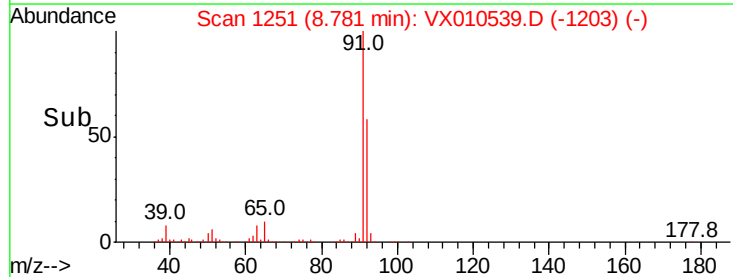
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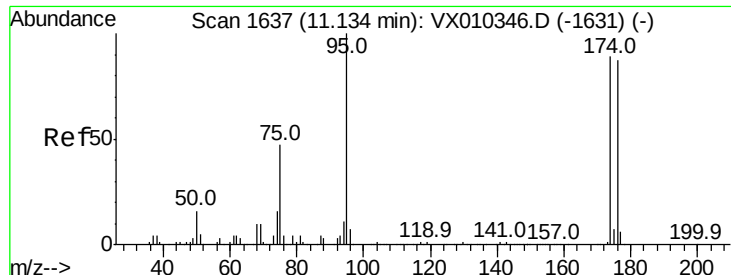
8.70

8.80

8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 49.906 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

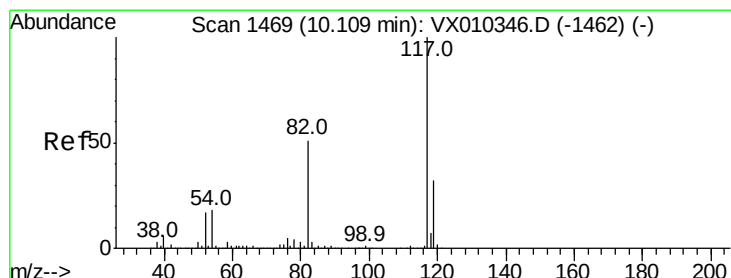
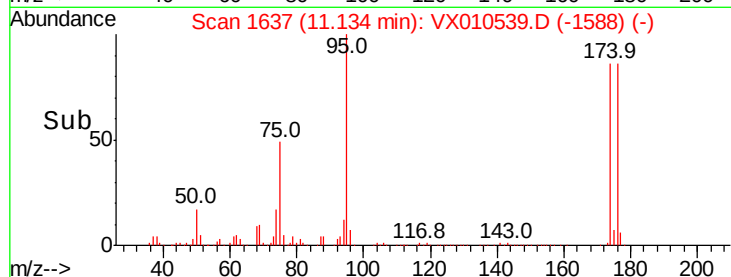
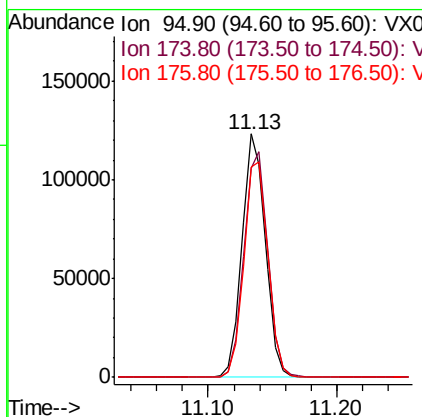
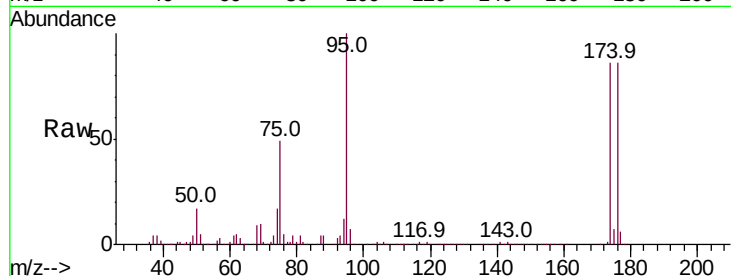
ClientSampleId :

FL-0571DL

Tot Ion:	95	Resp:	153457
Ion Ratio	Lower	Upper	
95	100		
174	94.4	0.0	187.6
176	91.5	0.0	184.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

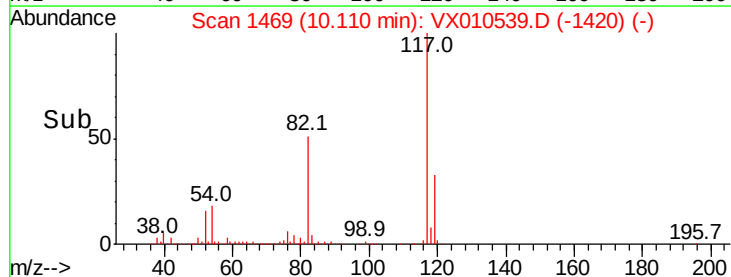
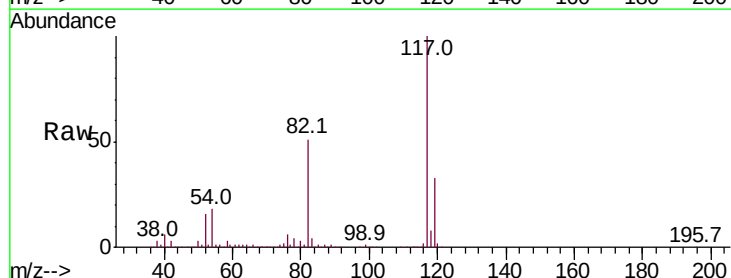
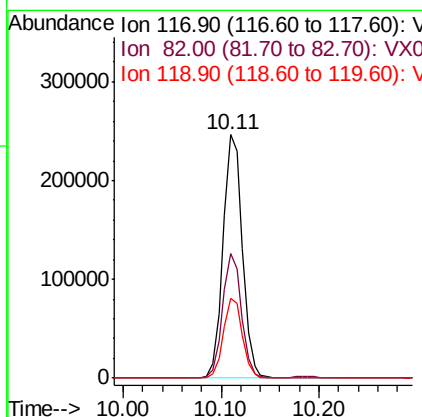
RT: 10.11 min Scan# 1469

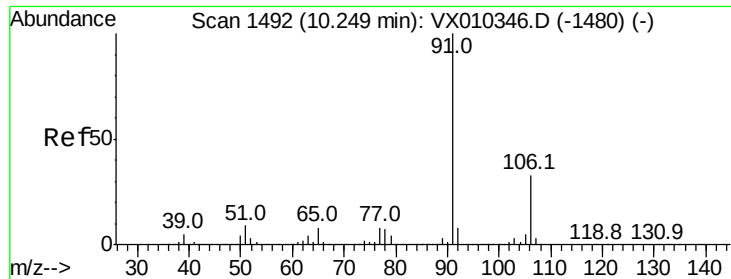
Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Tgt Ion:	117	Resp:	336767
Ion Ratio	Lower	Upper	
117	100		
82	51.1	41.2	61.8
119	33.0	25.5	38.3





#67

Ethyl Benzene

Concen: 46.162 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010539.D

Acq: 28 Jun 2019 16:58

Instrument :

MSVOA_X

ClientSampled :

FL-0571DL

Tot Ion: 91 Resp: 532819

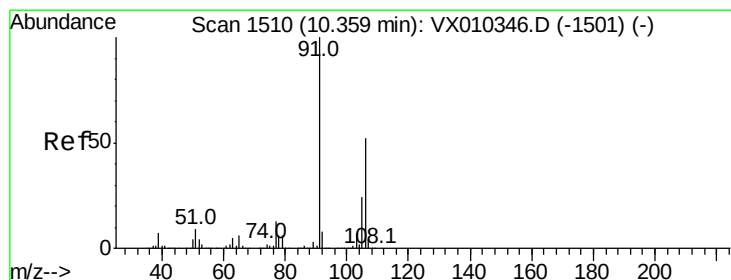
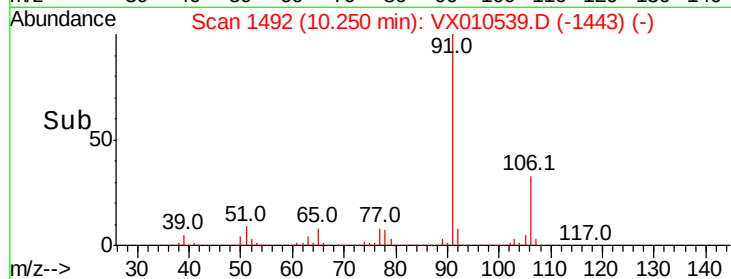
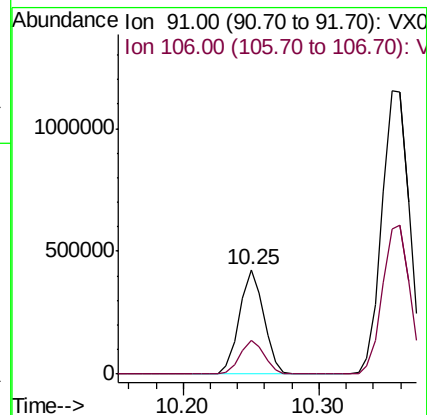
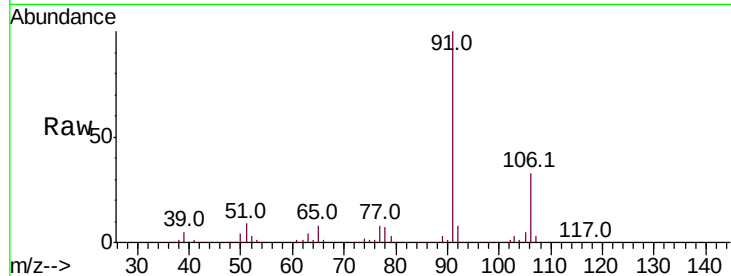
Ion Ratio Lower Upper

91 100

106 32.8 26.2 39.2

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#68

m/p-Xylenes

Concen: 188.827 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010539.D

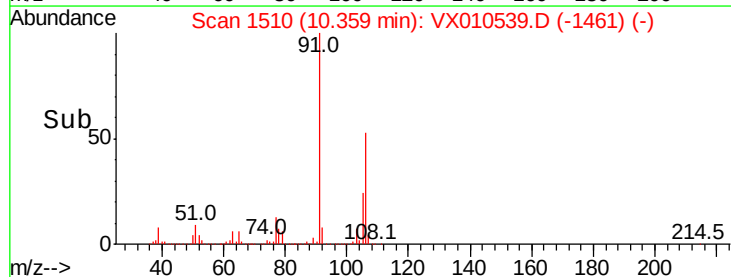
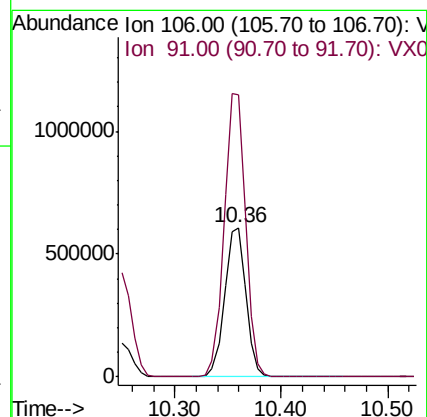
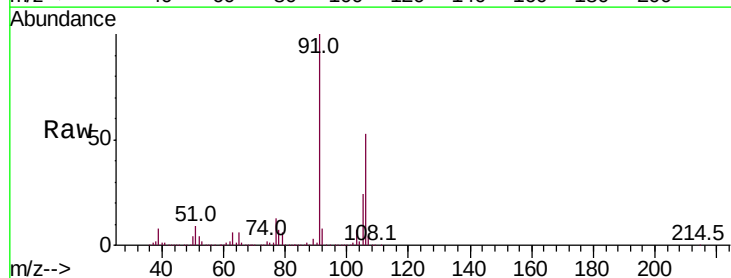
Acq: 28 Jun 2019 16:58

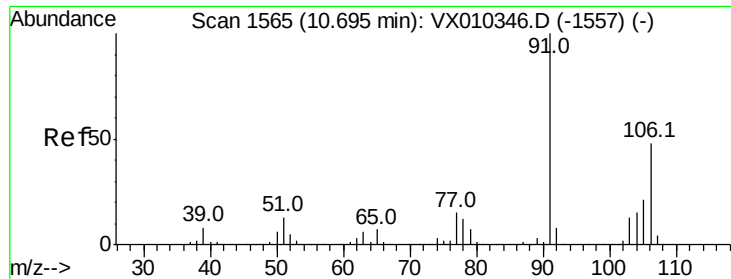
Tgt Ion: 106 Resp: 844505

Ion Ratio Lower Upper

106 100

91 192.0 155.3 232.9





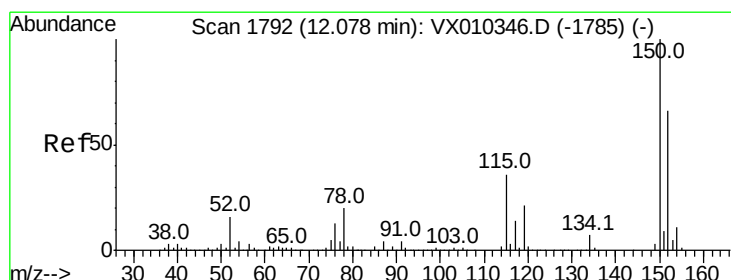
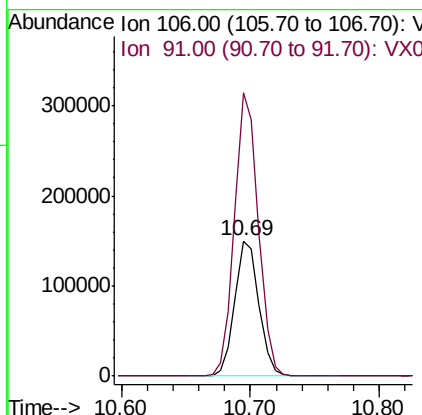
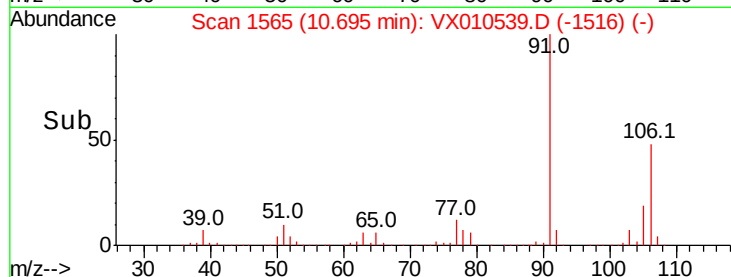
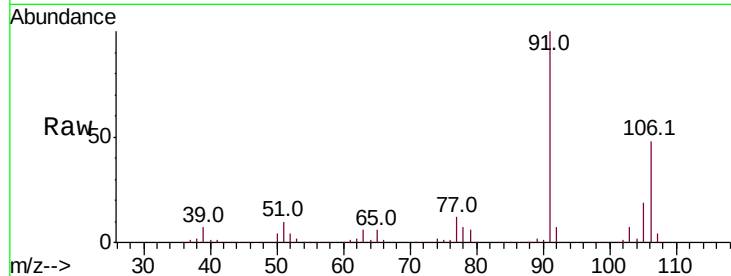
#69
o-Xylene
Concen: 44.677 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

Tot Ion:106 Resp: 196498
Ion Ratio Lower Upper
106 100
91 206.6 102.7 308.1

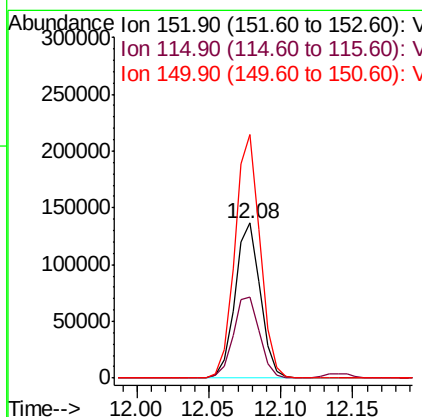
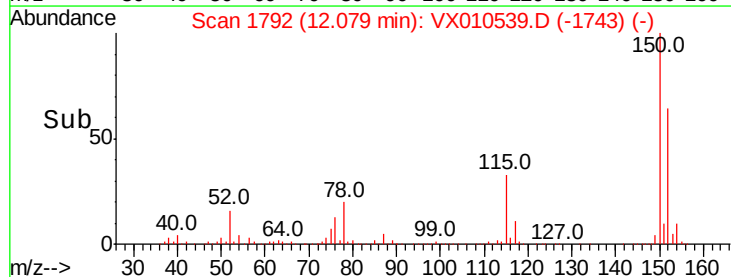
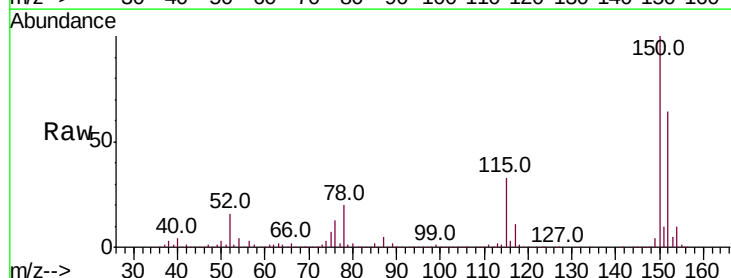
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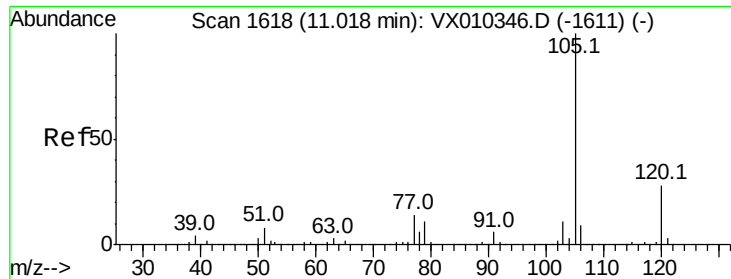
MMDadoda
7/1/2019 11:35:58 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion:152 Resp: 166877
Ion Ratio Lower Upper
152 100
115 54.5 38.6 115.7
150 157.0 0.0 347.4





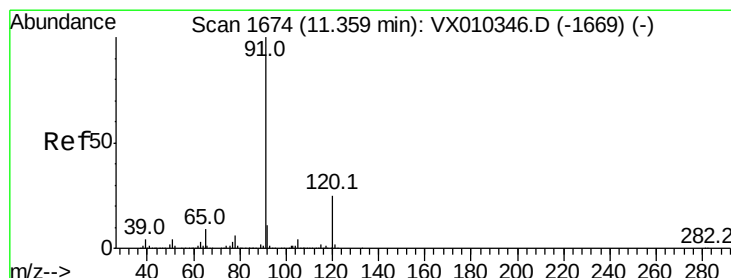
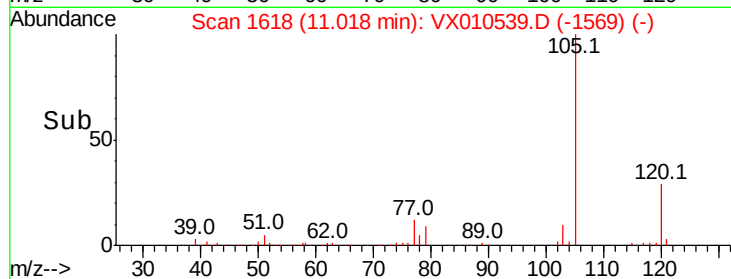
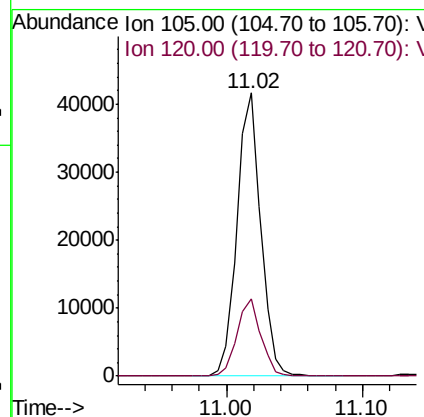
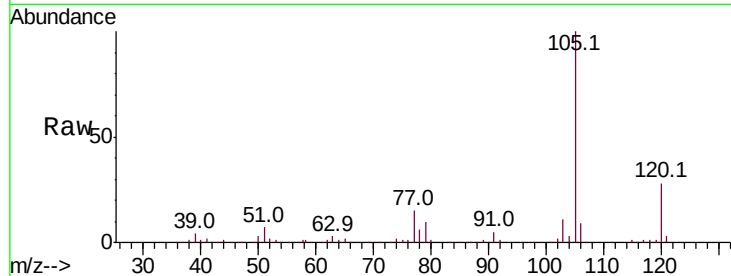
#73
Isopropylbenzene
Concen: 4.481 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampleId :
FL-0571DL

Tot Ion: 105 Resp: 50689
Ion Ratio Lower Upper
105 100
120 27.1 14.1 42.4

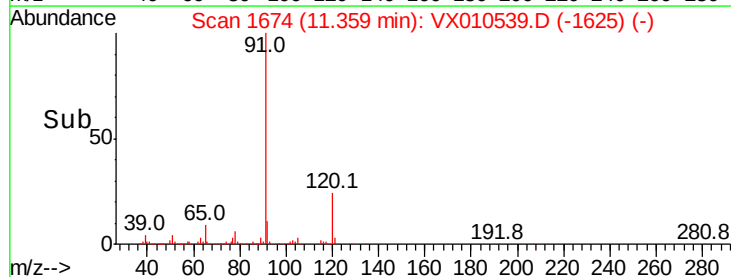
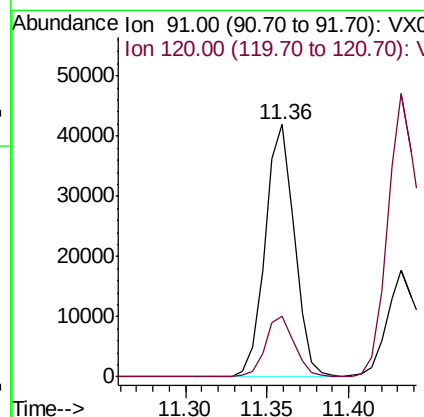
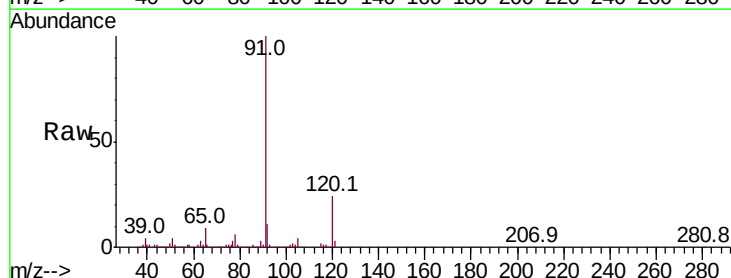
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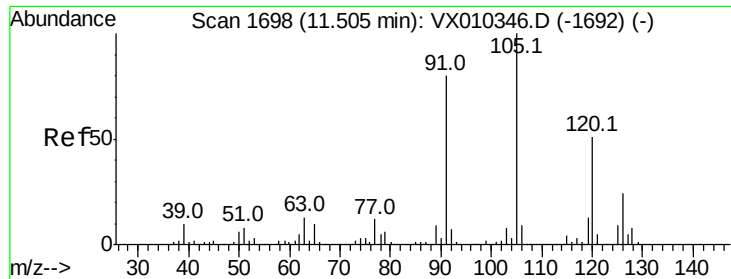
MMDadoda
7/1/2019 11:35:58 AM



#78
n-propylbenzene
Concen: 4.220 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion: 91 Resp: 52466
Ion Ratio Lower Upper
91 100
120 23.7 12.4 37.4





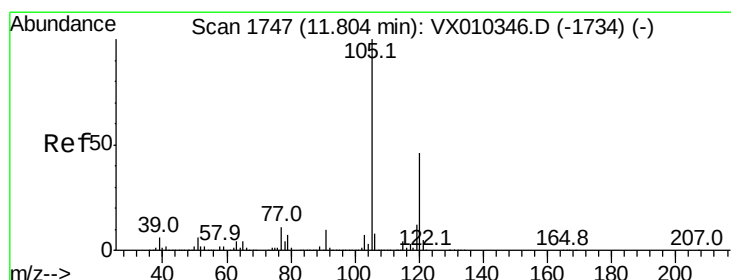
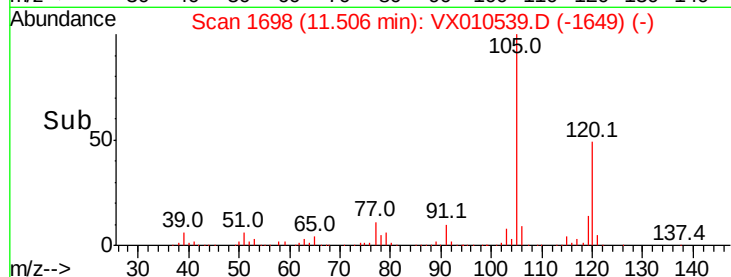
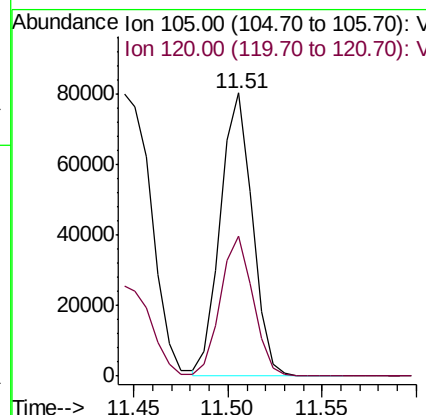
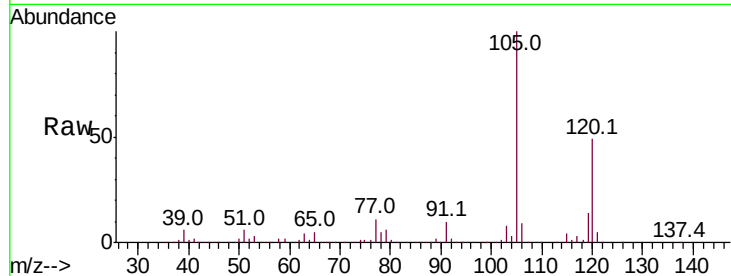
#80
 1,3,5-Trimethylbenzene
 Concen: 10.171 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0571DL

Tot Ion:105 Resp: 94853
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6

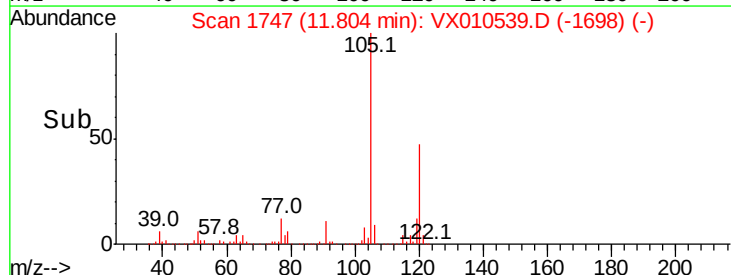
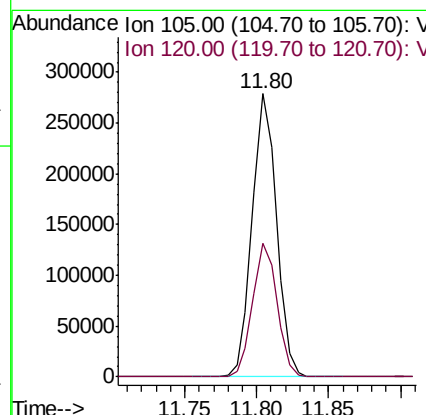
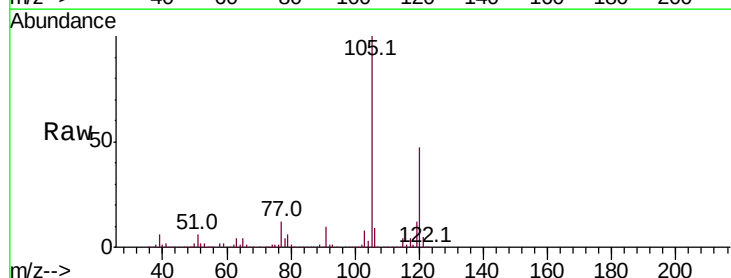
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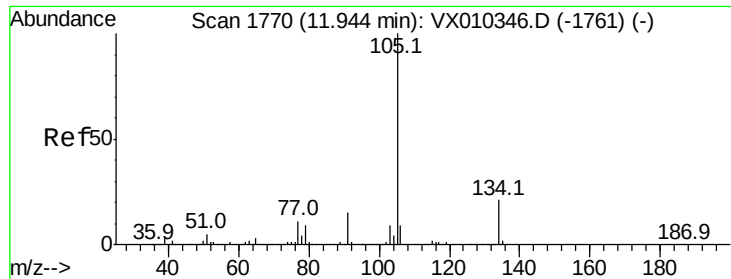
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#84
 1,2,4-Trimethylbenzene
 Concen: 34.692 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion:105 Resp: 325042
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.1 69.2





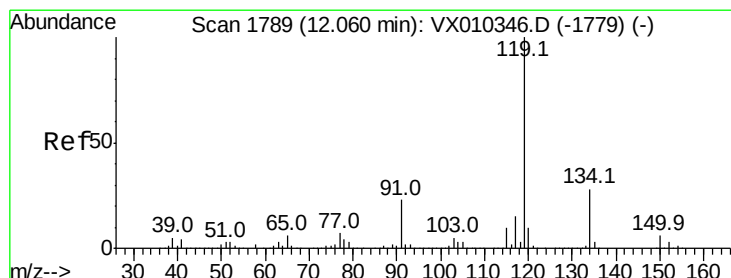
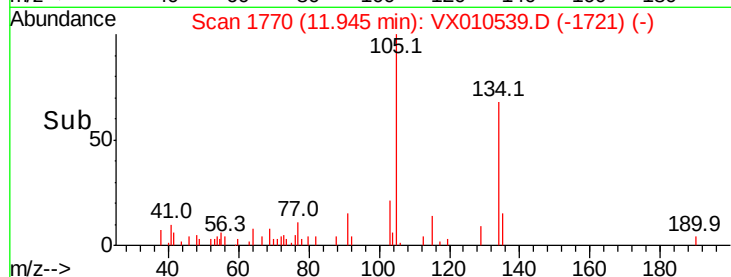
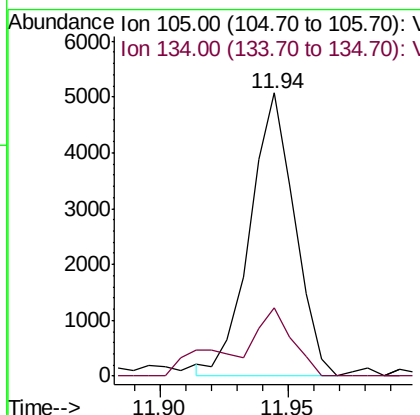
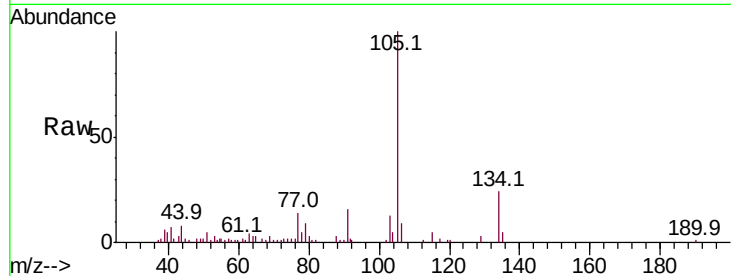
#85
 sec-Butylbenzene
 Concen: 0.558 ug/l m
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0571DL

Tot Ion:105 Resp: 6130
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.7 31.9#

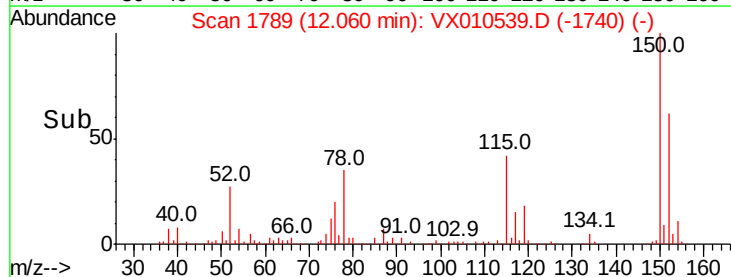
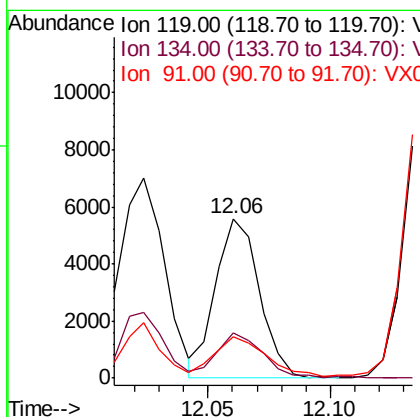
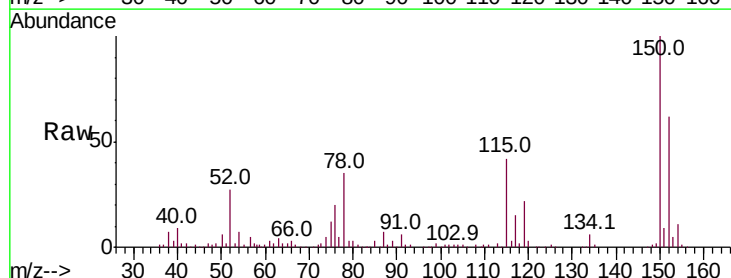
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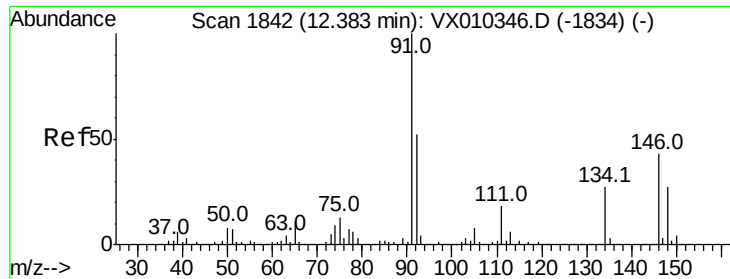
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#86
 p-Isopropyltoluene
 Concen: 0.685 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX010539.D
 Acq: 28 Jun 2019 16:58

Tgt Ion:119 Resp: 6968
 Ion Ratio Lower Upper
 119 100
 134 30.6 13.7 41.1
 91 28.7 11.3 33.8





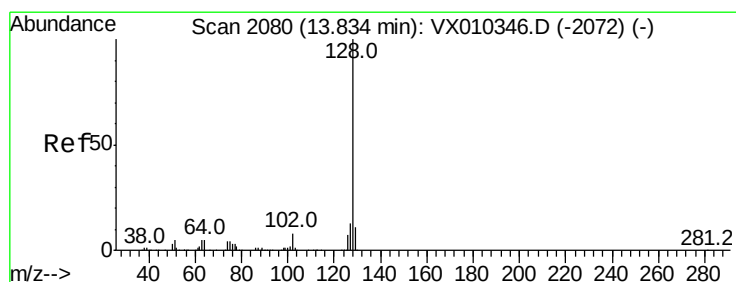
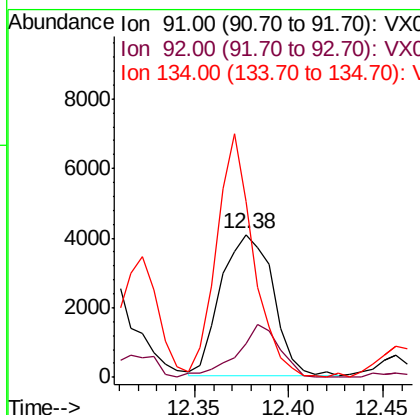
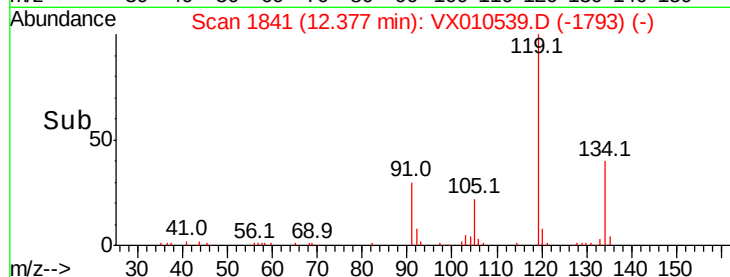
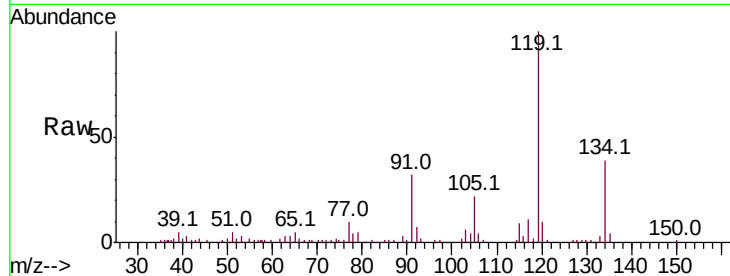
#89
n-Butylbenzene
Concen: 0.901 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Instrument :
MSVOA_X
ClientSampled :
FL-0571DL

Tot Ion	Ratio	Lower	Upper
91	100		
92	30.8	26.2	78.5
134	121.7	14.1	42.4

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#95
Naphthalene
Concen: 12.286 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX010539.D
Acq: 28 Jun 2019 16:58

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.5	8.9	13.3

