

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010564.D
 Acq On : 29 Jun 2019 03:28
 Operator : JC/SP
 Sample : K3555-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAMPLE-17

Quant Time: Jun 29 07:00:21 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	258428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	401839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	370390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123781	51.09	ug/l	0.00
Spiked Amount			Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	121488	49.41	ug/l	0.00
Spiked Amount			Recovery	=	98.82%	
50) Toluene-d8	8.71	98	482306	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.13	95	162611	47.88	ug/l	0.00
Spiked Amount			Recovery	=	95.76%	

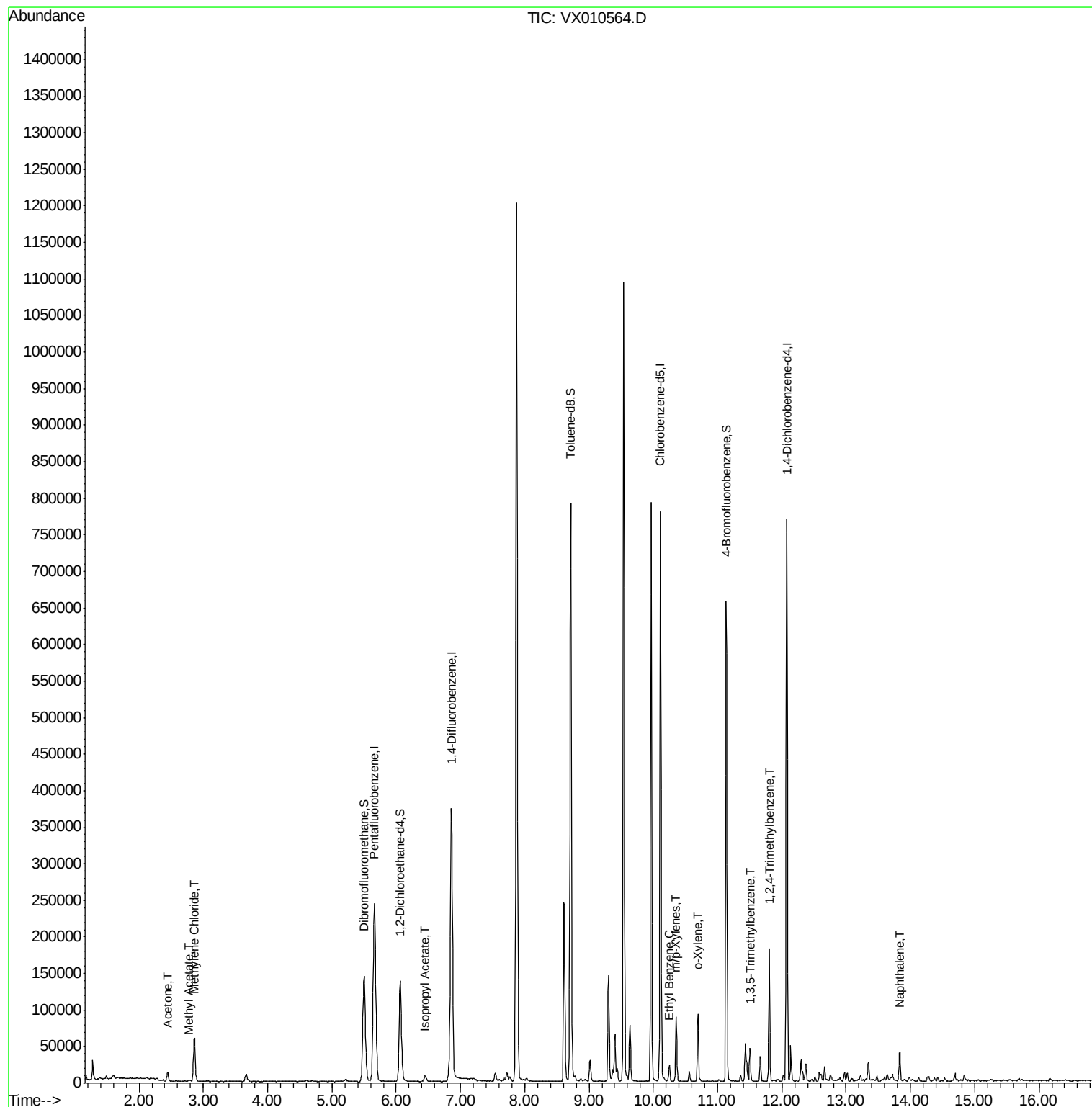
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	11933	9.827	ug/l	100
18) Methyl Acetate	2.78	43	2865	1.184	ug/l	98
20) Methylene Chloride	2.86	84	30385	12.159	ug/l	92
43) Isopropyl Acetate	6.45	43	10832	1.993	ug/l	99
67) Ethyl Benzene	10.25	91	13137	1.035	ug/l	100
68) m/p-Xylenes	10.36	106	22492	4.573	ug/l	99
69) o-Xylene	10.70	106	9403	1.944	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	19550	2.030	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	79578	8.226	ug/l	98
95) Naphthalene	13.83	128	26069	2.162	ug/l	98

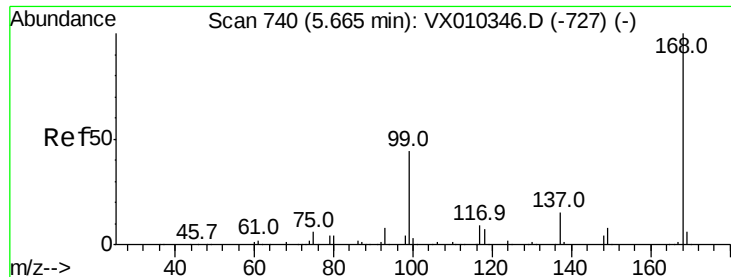
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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Quant Time: Jun 29 07:00:21 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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

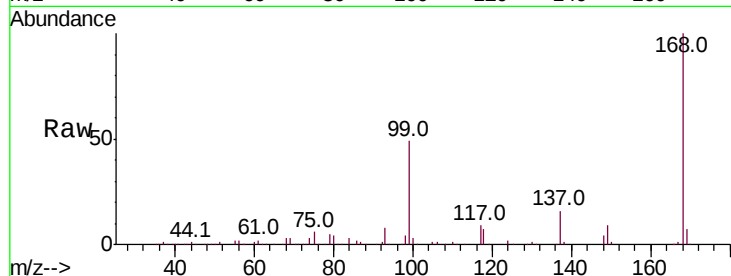
SAMPLE-17

Tot Ion:168 Resp: 258428

Ion Ratio Lower Upper

168 100

99 48.8 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

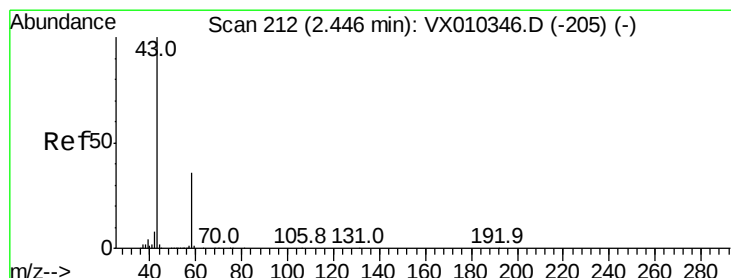
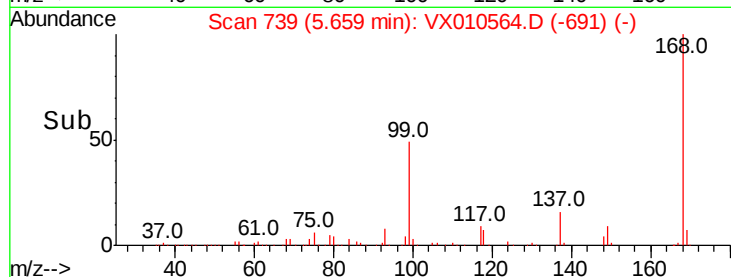
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.827 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010564.D

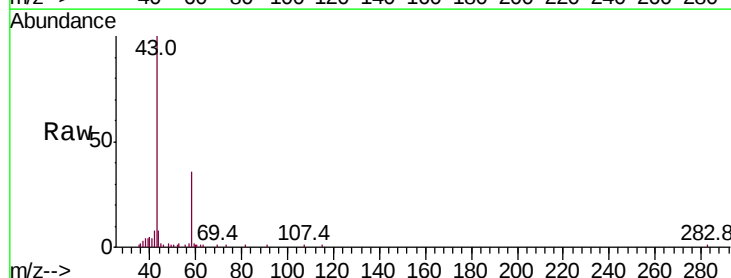
Acq: 29 Jun 2019 03:28

Tgt Ion: 43 Resp: 11933

Ion Ratio Lower Upper

43 100

58 36.1 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

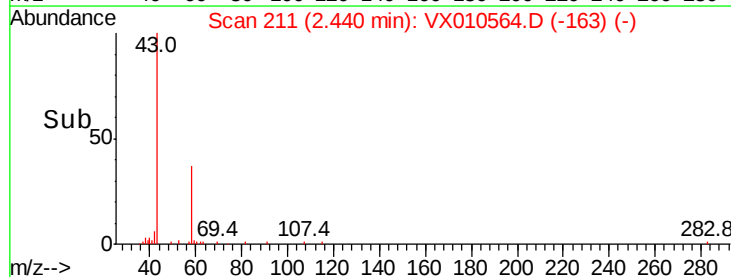
4000

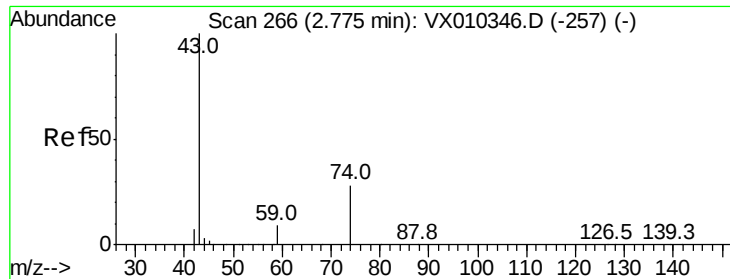
2000

0

Time-->

2.40 2.45 2.50

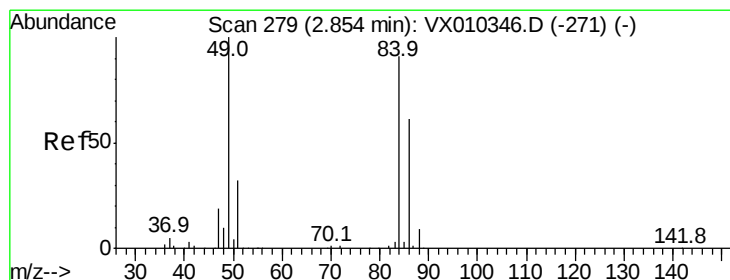
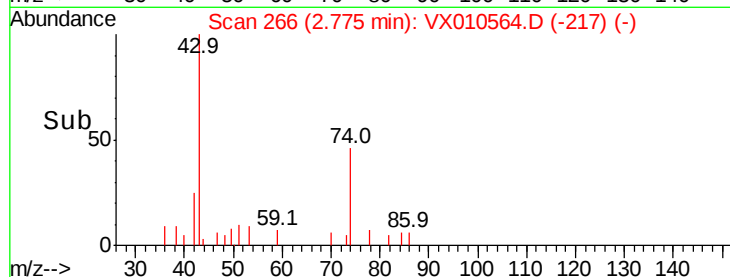
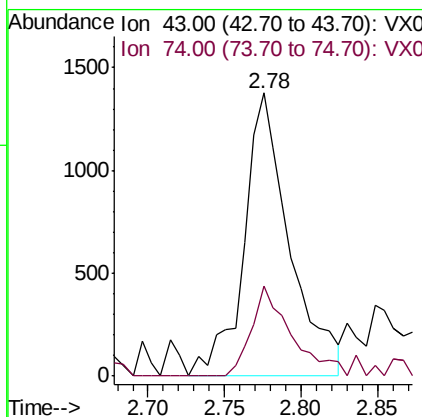
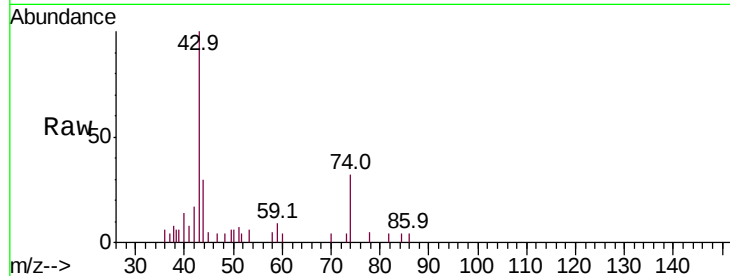




#18
Methvl Acetate
Concen: 1.184 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

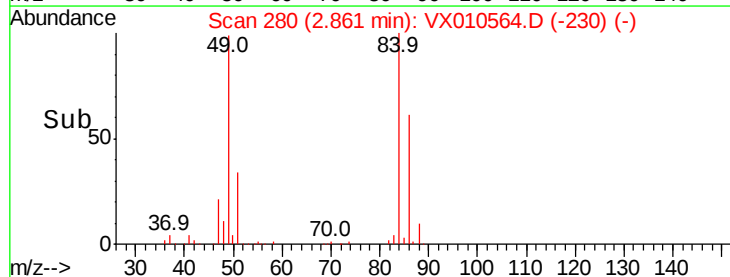
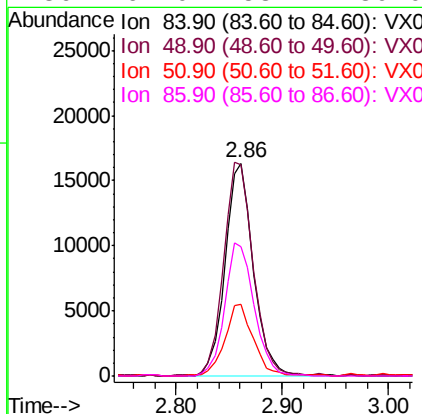
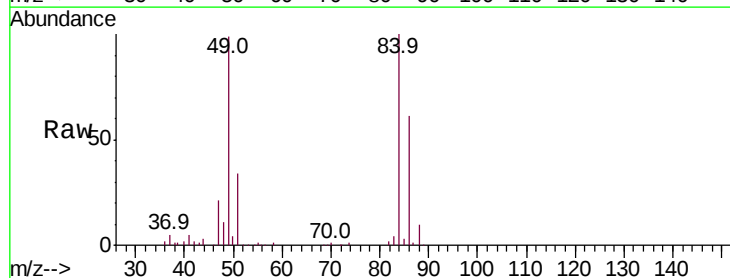
Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

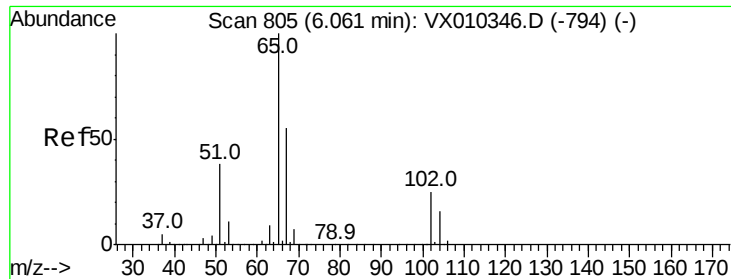
Tot Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
74 27.8 21.3 31.9



#20
Methylene Chloride
Concen: 12.159 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 84 Resp: 30385
Ion Ratio Lower Upper
84 100
49 99.1 87.5 131.3
51 33.9 27.7 41.5
86 61.0 53.4 80.0





#33

1,2-Dichloroethane-d4

Concen: 51.085 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampled :

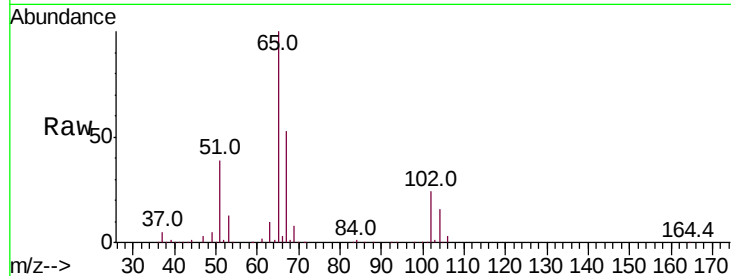
SAMPLE-17

Tot Ion: 65 Resp: 123781

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

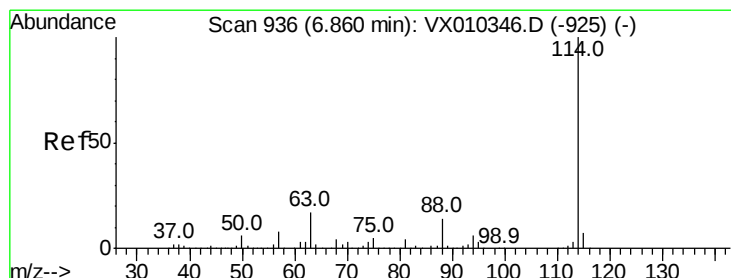
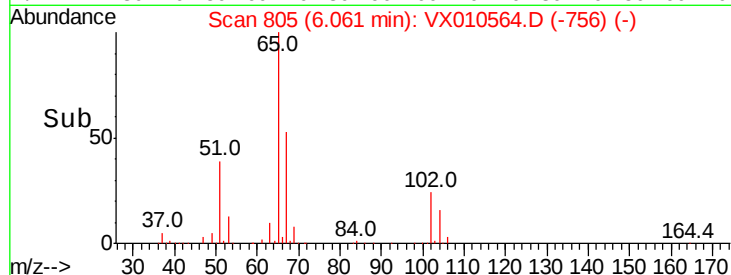
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

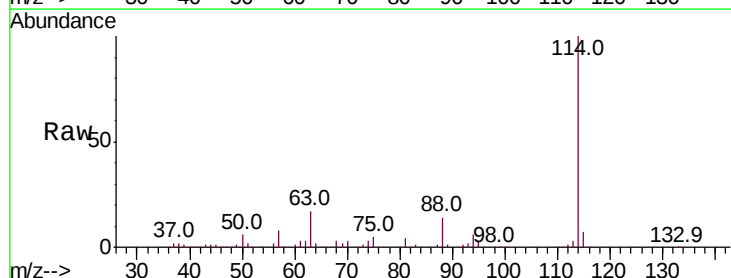
Tgt Ion:114 Resp: 401839

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.8

88 14.5 0.0 27.6



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

6.86

200000

150000

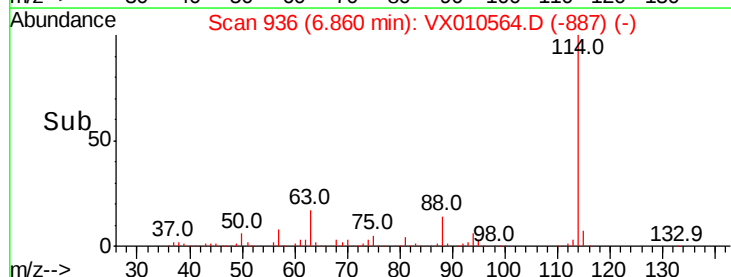
100000

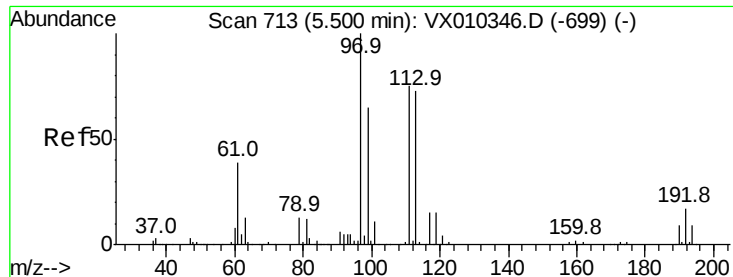
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.414 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-17

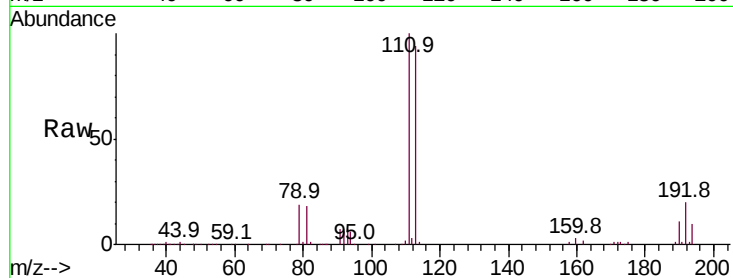
Tot Ion:113 Resp: 121488

Ion Ratio Lower Upper

113 100

111 101.6 81.2 121.8

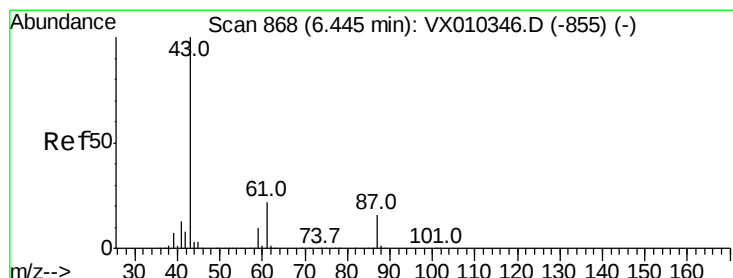
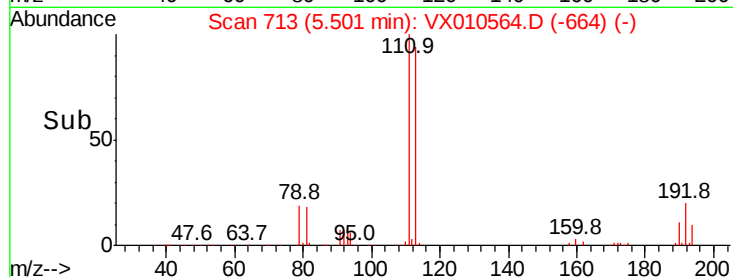
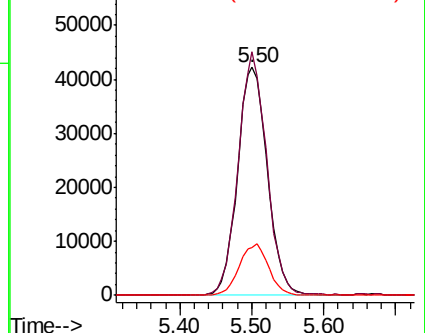
192 22.3 18.6 27.8



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



#43

Isopropyl Acetate

Concen: 1.993 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

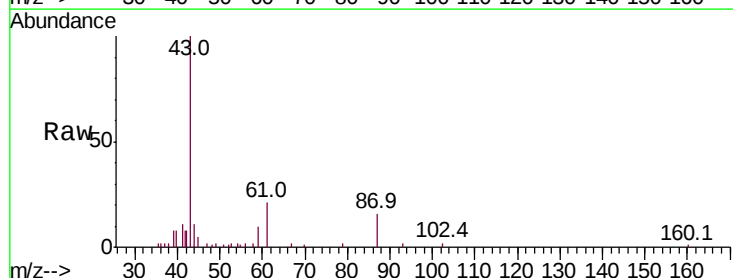
Tgt Ion: 43 Resp: 10832

Ion Ratio Lower Upper

43 100

61 22.8 17.8 26.6

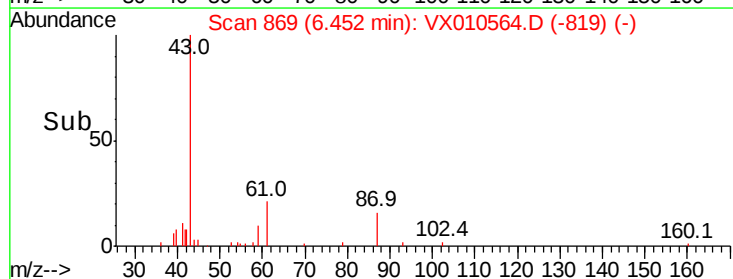
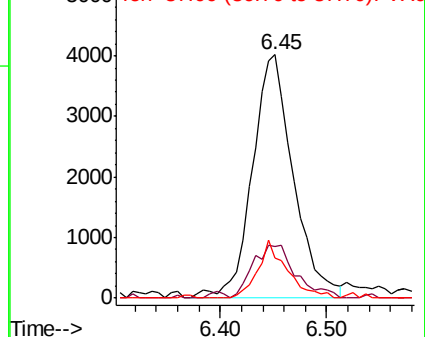
87 16.8 13.0 19.4

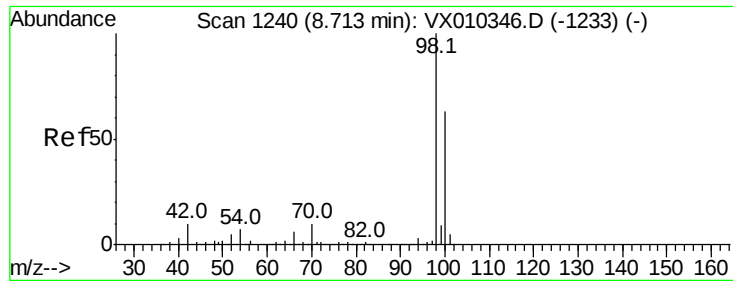


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

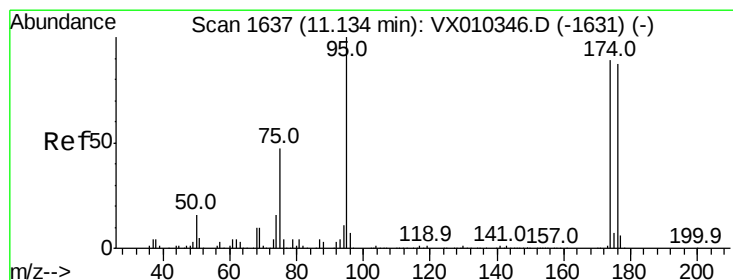
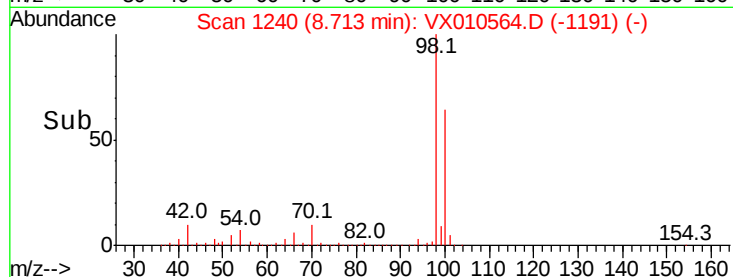
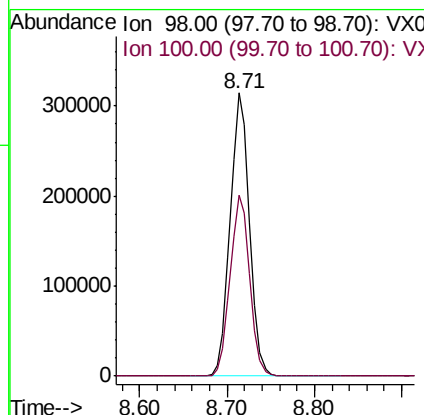
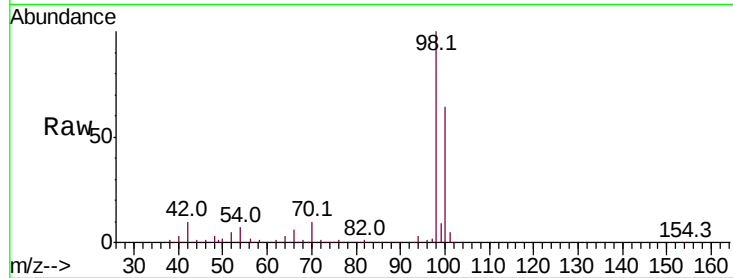




#50
Toluene-d8
Concen: 51.276 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

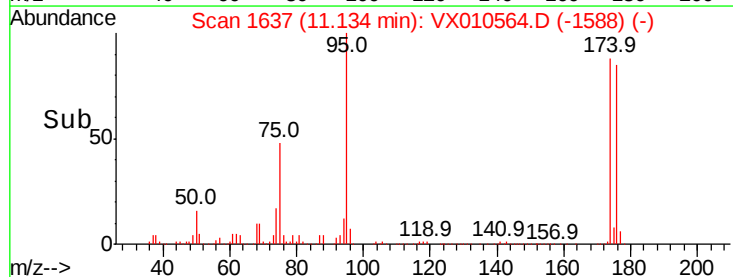
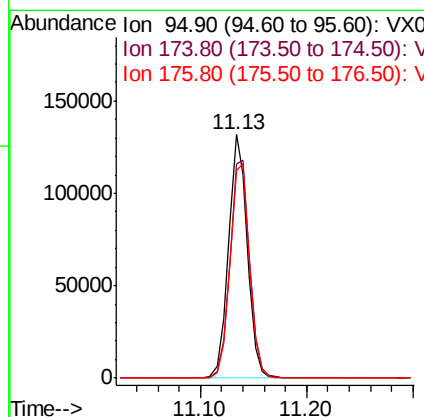
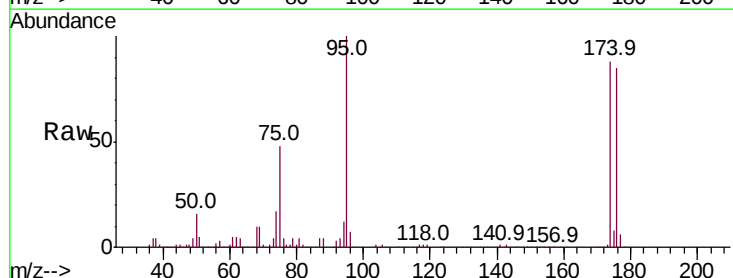
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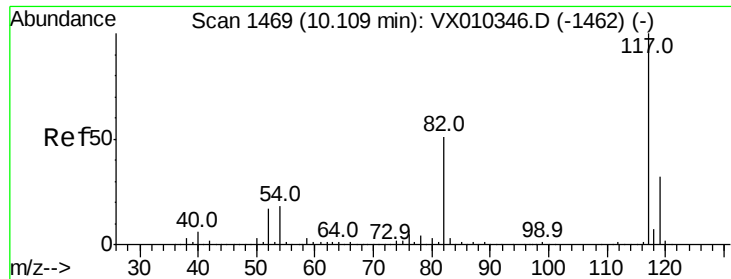
Tot Ion: 98 Resp: 482306
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.885 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 95 Resp: 162611
Ion Ratio Lower Upper
95 100
174 93.8 0.0 187.6
176 91.8 0.0 184.0

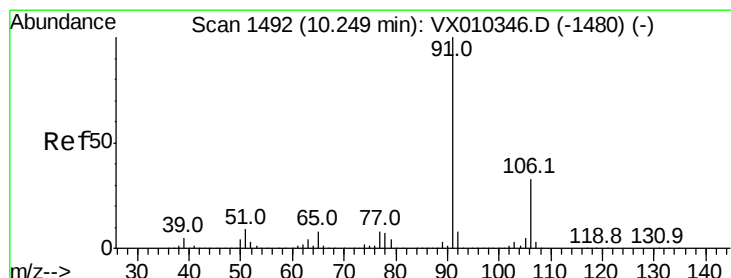
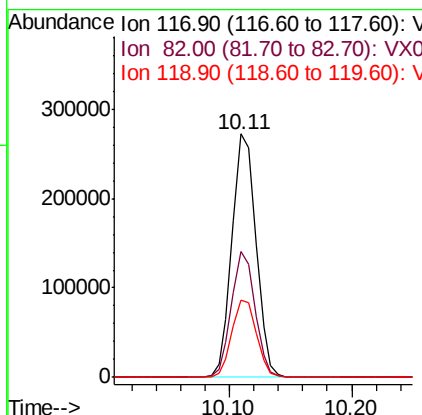
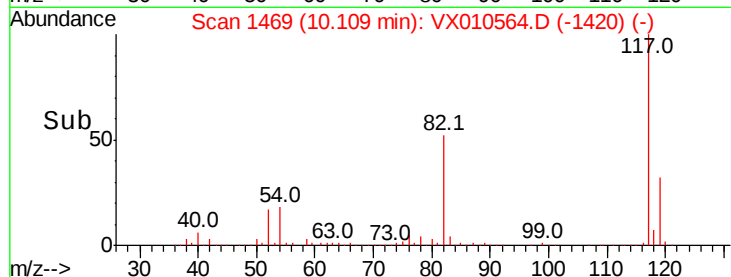
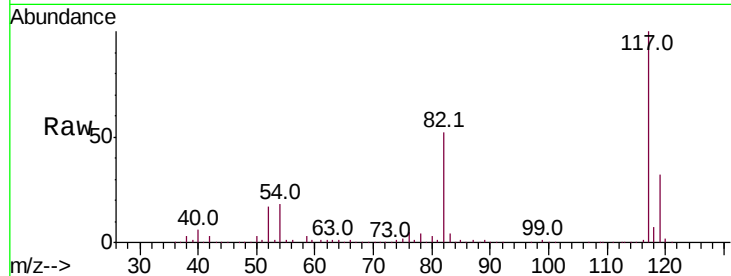




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

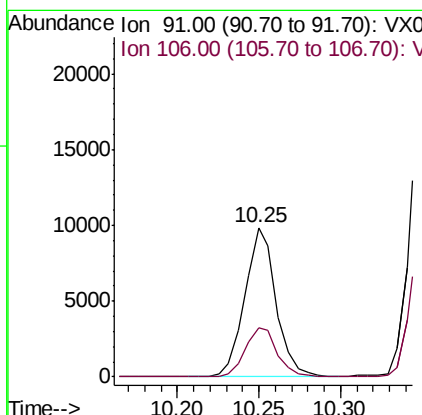
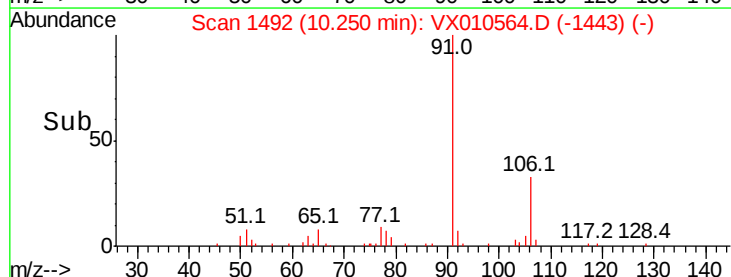
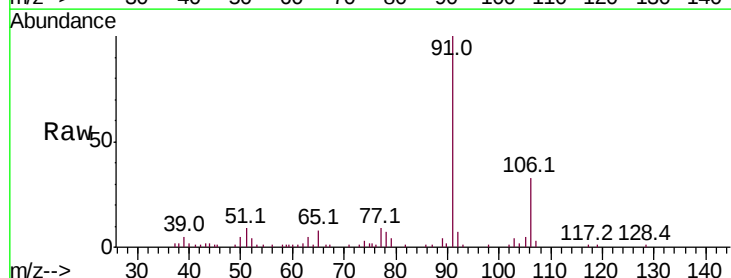
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MSVOA_X
ClientSampled :
SAMPLE-17

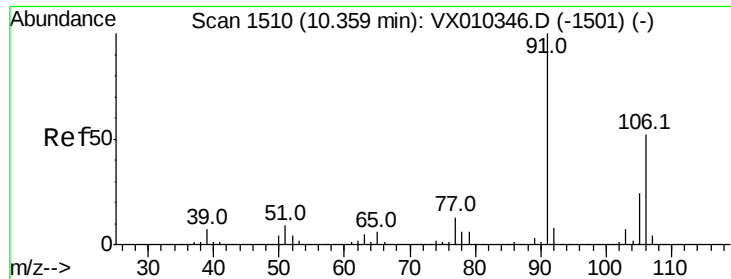
Tot Ion:117 Resp: 370390
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 31.9 25.5 38.3



#67
Ethyl Benzene
Concen: 1.035 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion: 91 Resp: 13137
Ion Ratio Lower Upper
91 100
106 32.7 26.2 39.2

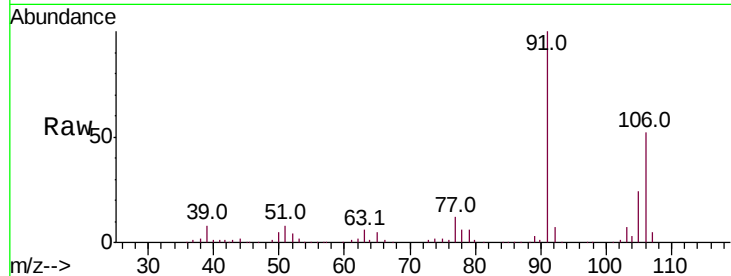




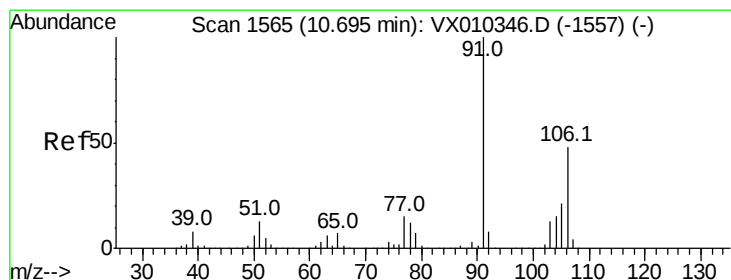
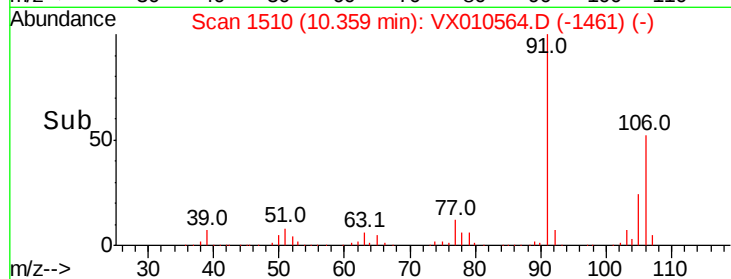
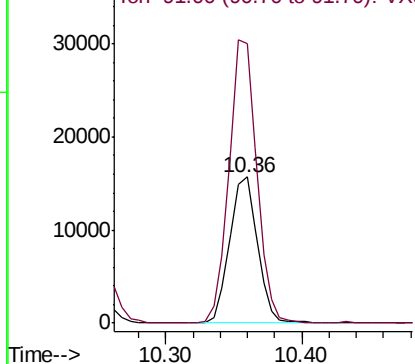
#68
m/p-Xvlenes
Concen: 4.573 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Instrument :
MSVOA_X
ClientSampleId :
SAMPLE-17

Tot Ion:106 Resp: 22492
Ion Ratio Lower Upper
106 100
91 193.3 155.3 232.9

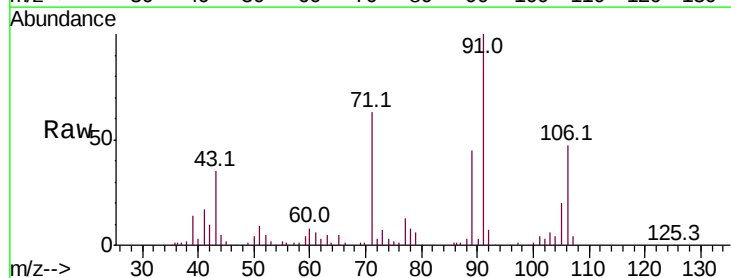


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

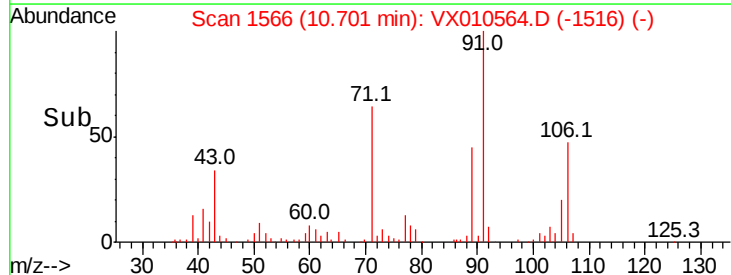
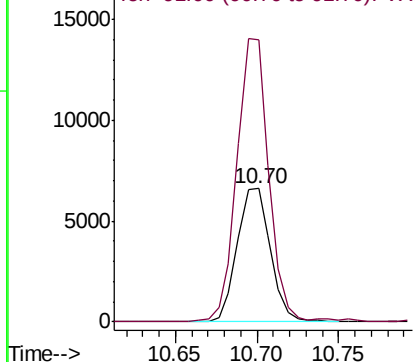


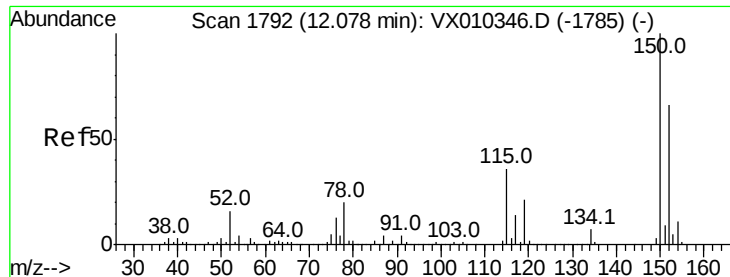
#69
o-Xylene
Concen: 1.944 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010564.D
Acq: 29 Jun 2019 03:28

Tgt Ion:106 Resp: 9403
Ion Ratio Lower Upper
106 100
91 205.6 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

SAMPLE-17

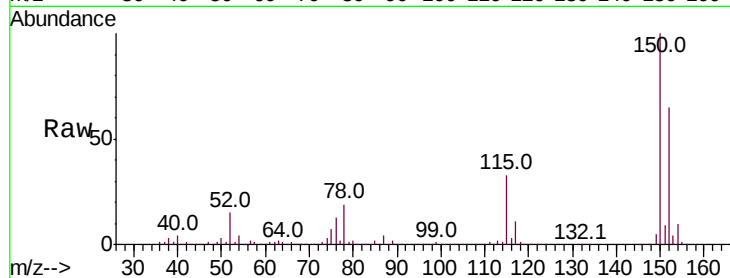
Tot Ion:152 Resp: 172301

Ion Ratio Lower Upper

152 100

115 53.6 38.6 115.7

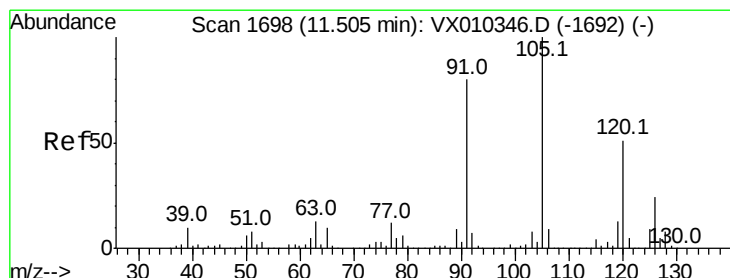
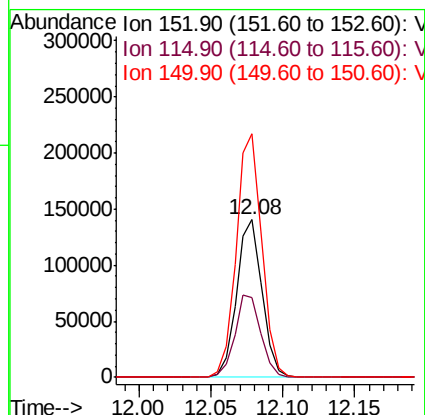
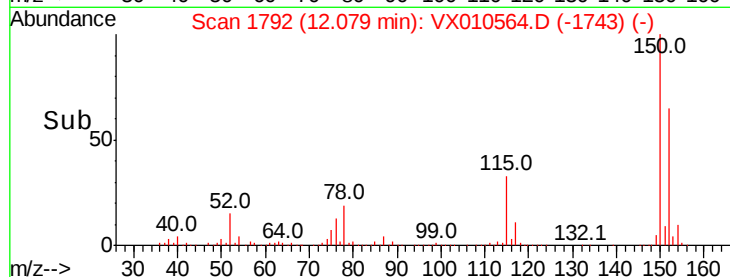
150 156.1 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#80

1,3,5-Trimethylbenzene

Concen: 2.030 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010564.D

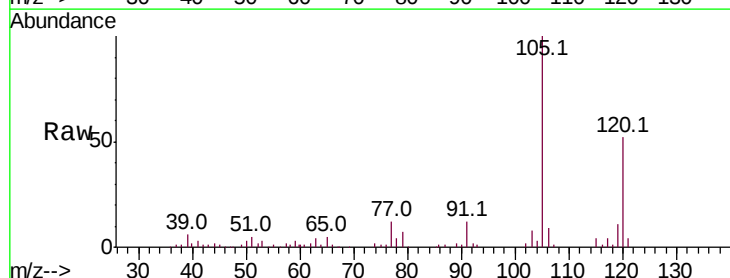
Acq: 29 Jun 2019 03:28

Tgt Ion:105 Resp: 19550

Ion Ratio Lower Upper

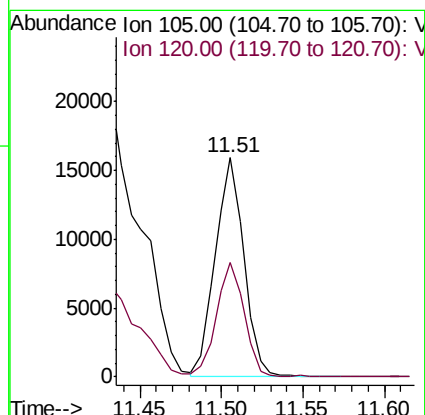
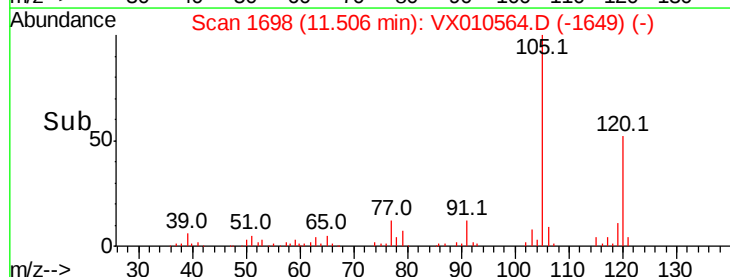
105 100

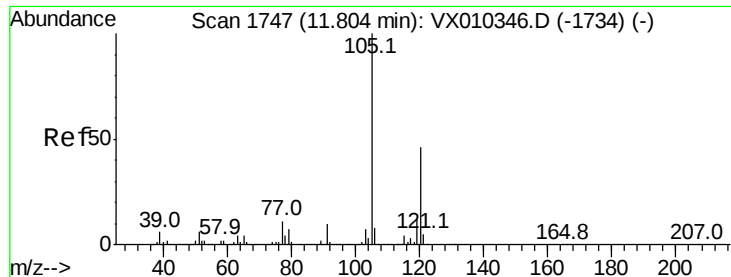
120 50.9 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 8.226 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Instrument :

MSVOA_X

ClientSampleId :

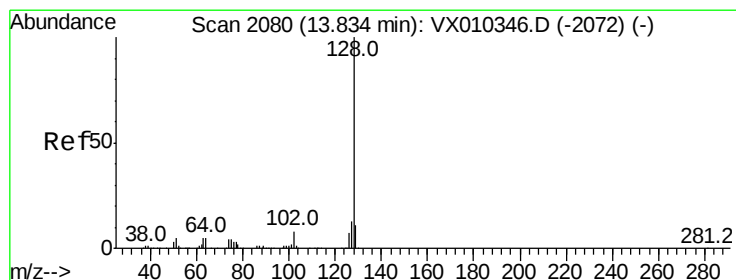
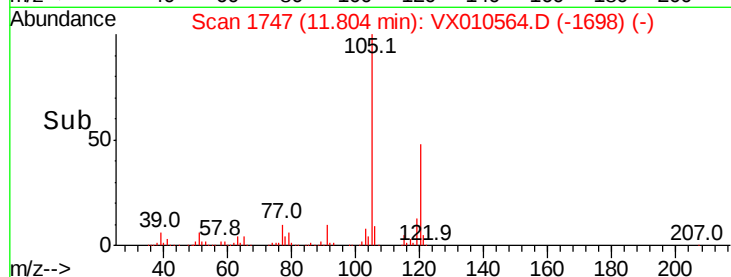
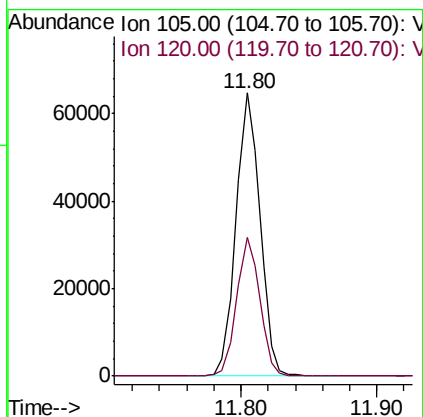
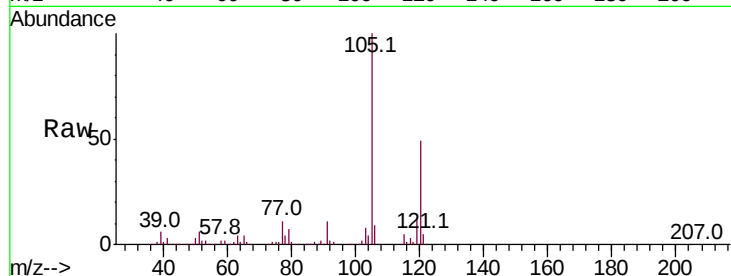
SAMPLE-17

Tot Ion:105 Resp: 79578

Ion Ratio Lower Upper

105 100

120 47.2 23.1 69.2



#95

Naphthalene

Concen: 2.162 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010564.D

Acq: 29 Jun 2019 03:28

Tgt Ion:128 Resp: 26069

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.9 13.3

