

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006843.D
 Acq On : 27 Dec 2018 15:35
 Operator : JC/MD
 Sample : J6579-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TN-122618-C

Quant Time: Dec 28 05:55:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	694601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1030110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	967079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475442	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	345206	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	5.50	113	307657	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	8.71	98	1236860	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	441715	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	

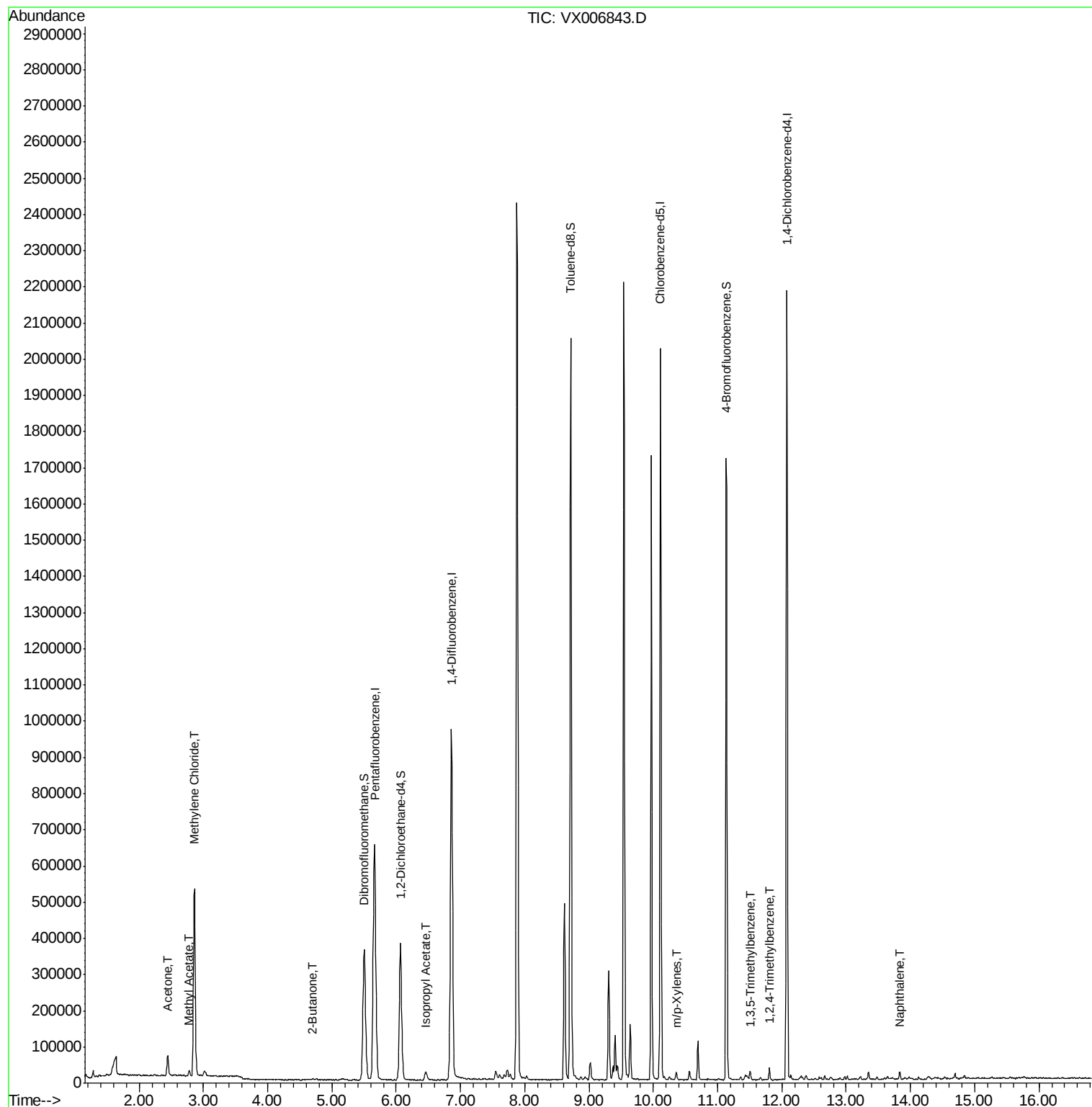
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	62719	18.236	ug/l	100
18) Methyl Acetate	2.78	43	16824	1.664	ug/l	91
20) Methylene Chloride	2.86	84	246070	34.599	ug/l	99
25) 2-Butanone	4.70	43	5659	1.170	ug/l #	86
43) Isopropyl Acetate	6.46	43	29848	2.209	ug/l	98
68) m/p-Xylenes	10.35	106	5090	0.386	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10412	0.389	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	14269	0.506	ug/l	99
95) Naphthalene	13.83	128	14821	0.425	ug/l	94

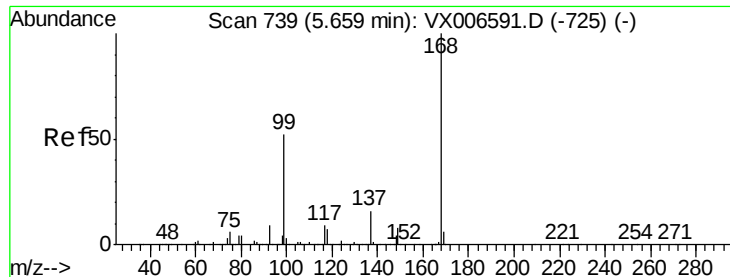
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
TN-122618-C

Quant Time: Dec 28 05:55:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006843.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

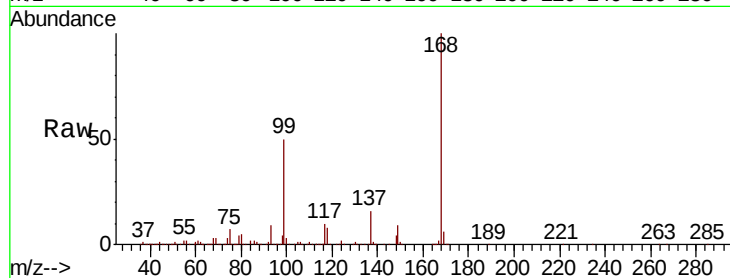
TN-122618-C

Tot Ion:168 Resp: 694601

Ion Ratio Lower Upper

168 100

99 50.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

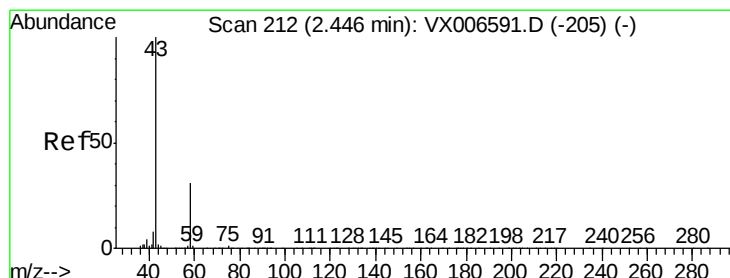
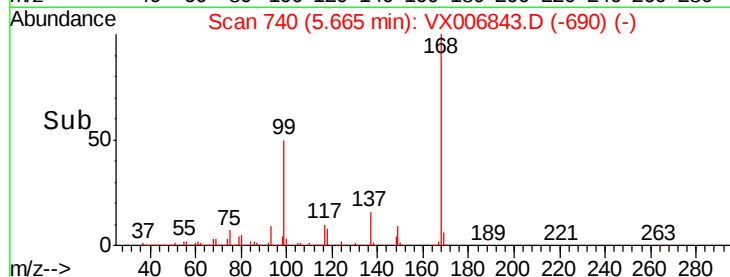
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.236 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006843.D

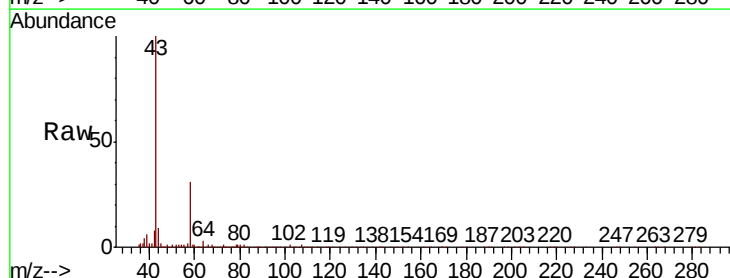
Acq: 27 Dec 2018 15:35

Tgt Ion: 43 Resp: 62719

Ion Ratio Lower Upper

43 100

58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

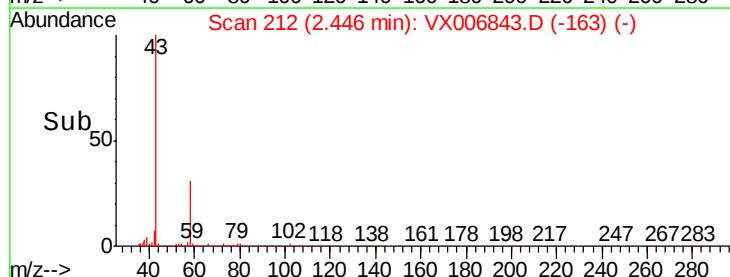
30000

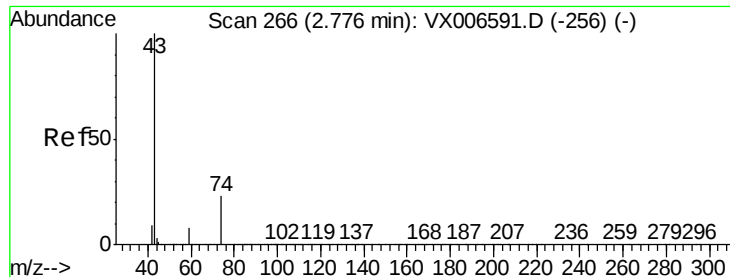
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

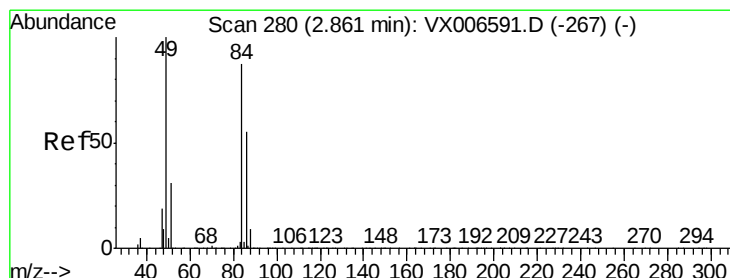
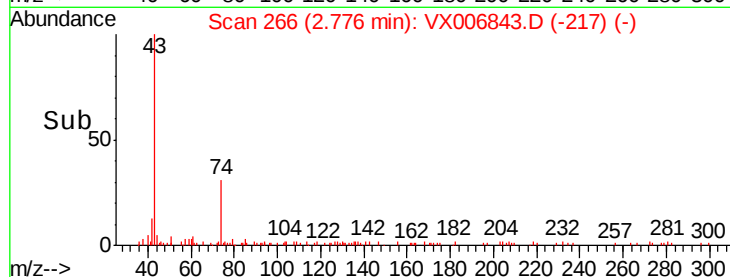
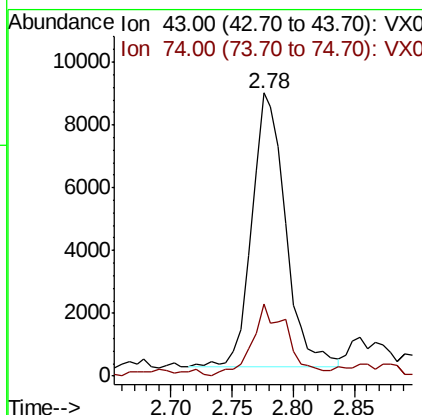
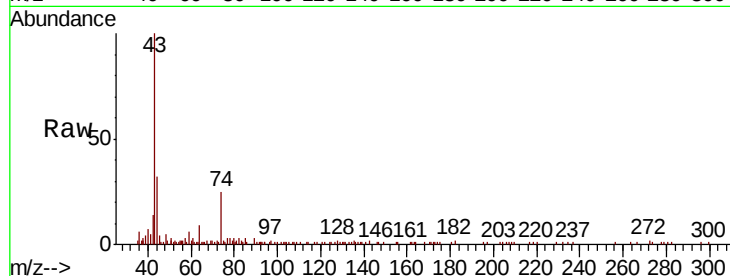




#18
Methyl Acetate
Concen: 1.664 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

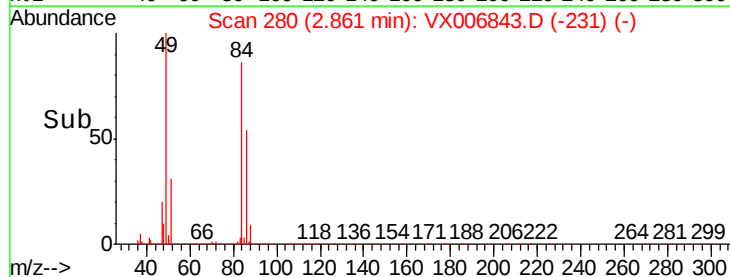
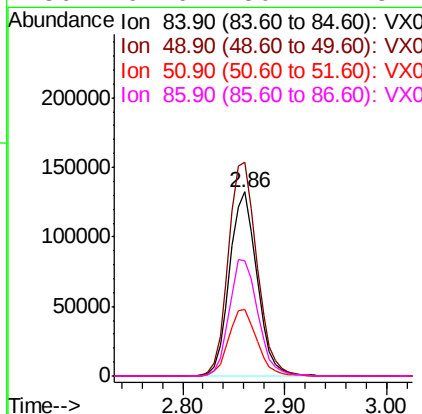
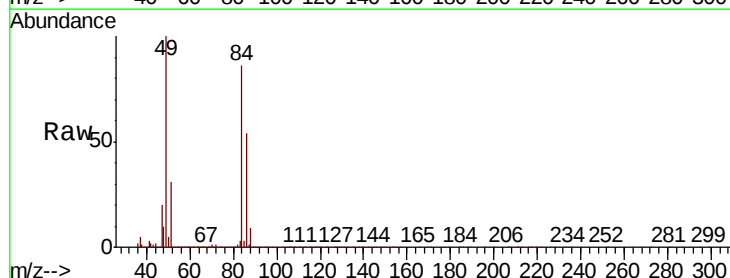
Instrument :
MSVOA_X
ClientSampleId :
TN-122618-C

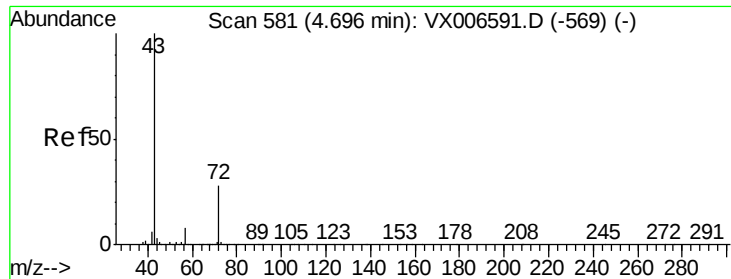
Tot Ion: 43 Resp: 16824
Ion Ratio Lower Upper
43 100
74 27.9 18.6 28.0



#20
Methylene Chloride
Concen: 34.599 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

Tgt Ion: 84 Resp: 246070
Ion Ratio Lower Upper
84 100
49 115.9 91.8 137.6
51 35.7 28.5 42.7
86 62.6 50.2 75.2

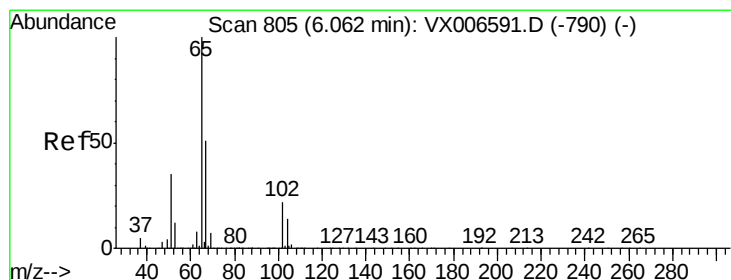
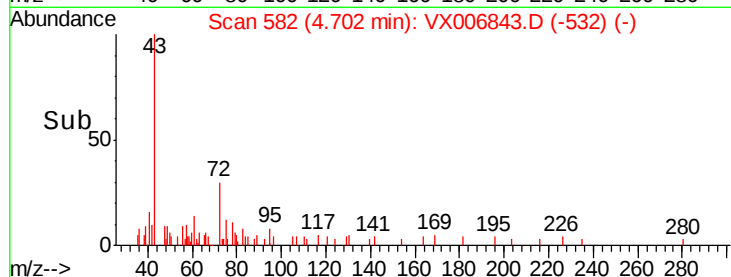
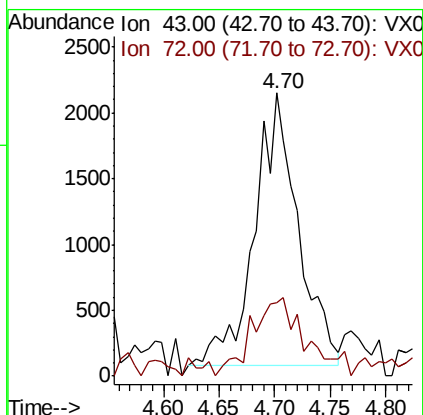
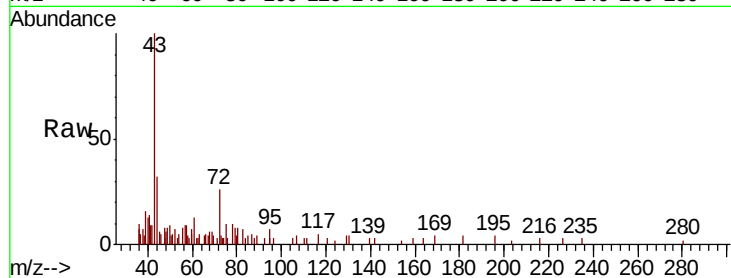




#25
2-Butanone
Concen: 1.170 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

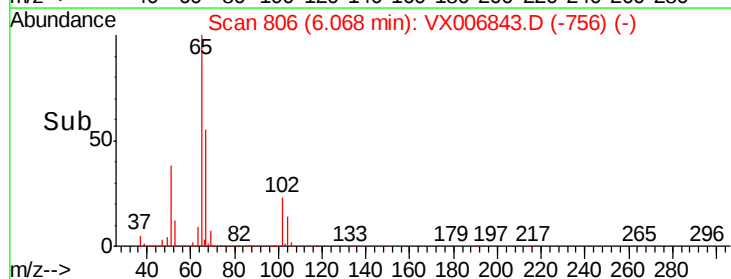
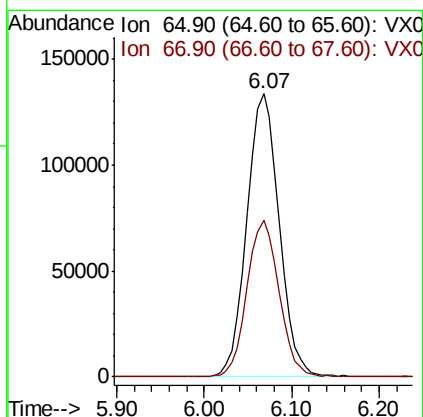
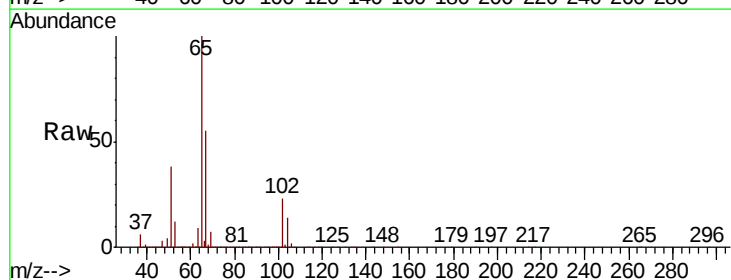
Instrument :
MSVOA_X
ClientSampleId :
TN-122618-C

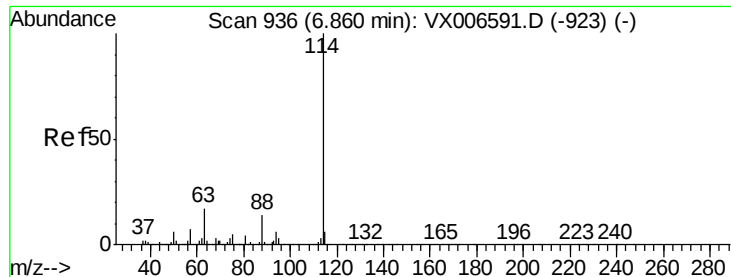
Tot Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
72 20.5 22.4 33.6#



#33
1,2-Dichloroethane-d4
Concen: 46.113 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

Tgt Ion: 65 Resp: 345206
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.0

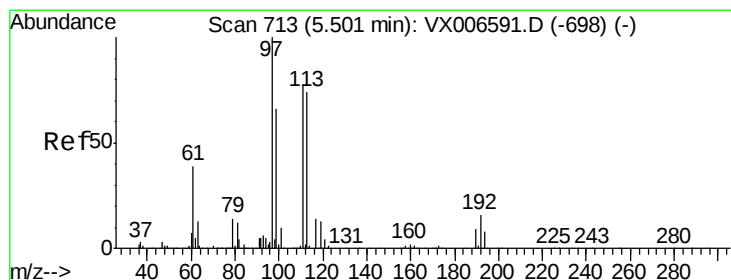
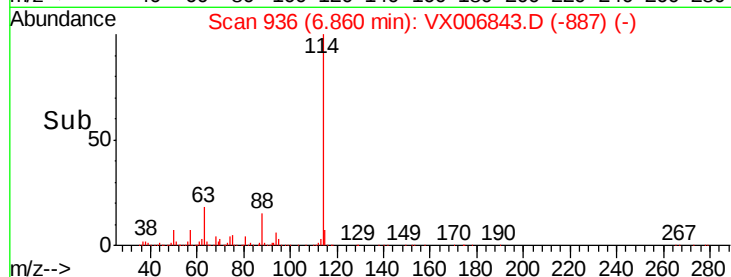
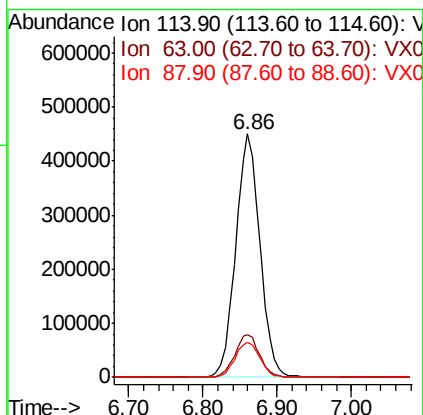
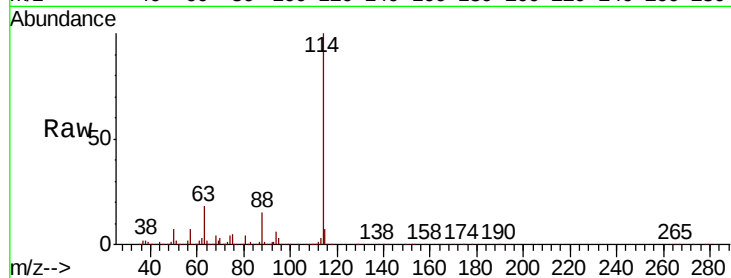




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006843.D
 Acq: 27 Dec 2018 15:35

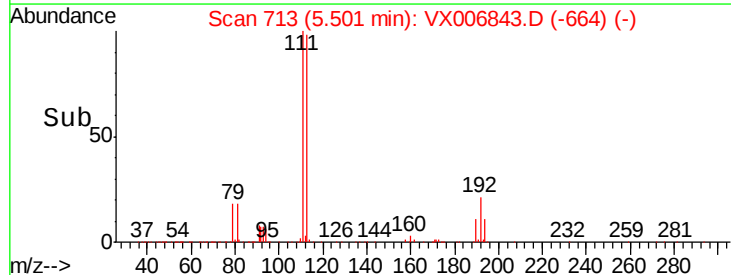
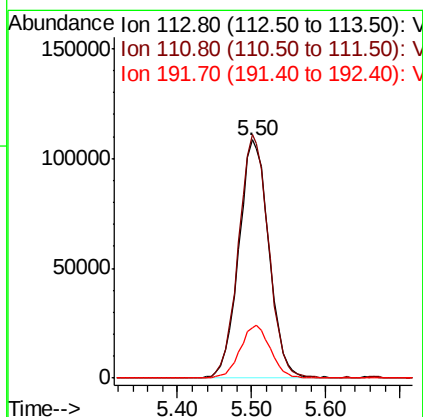
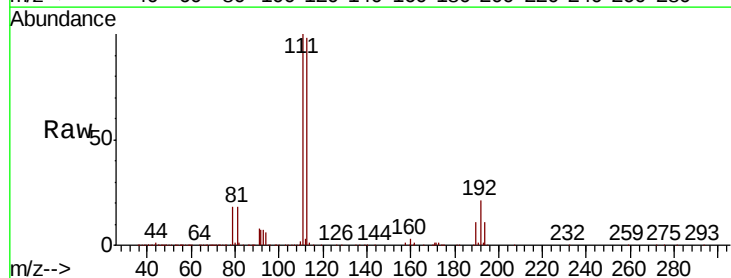
Instrument :
 MSVOA_X
 ClientSampleId :
 TN-122618-C

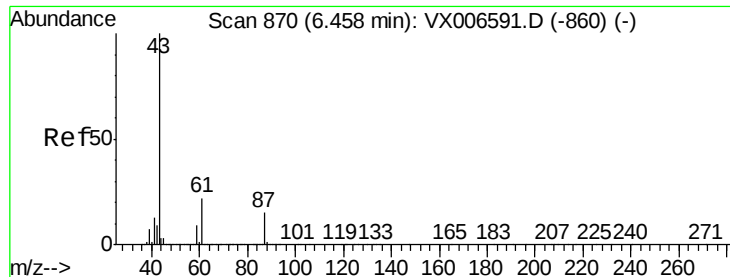
Tot Ion:114 Resp: 1030110
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.8
 88 14.5 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 47.229 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006843.D
 Acq: 27 Dec 2018 15:35

Tgt Ion:113 Resp: 307657
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.6 122.4
 192 22.2 16.7 25.1



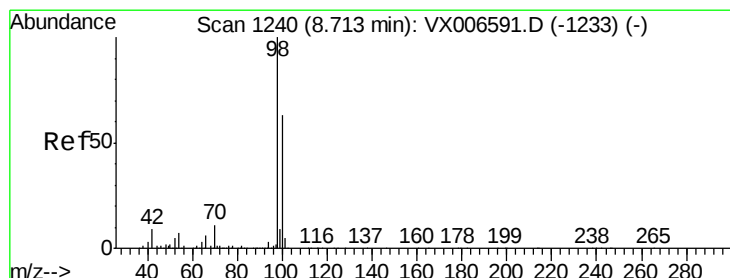
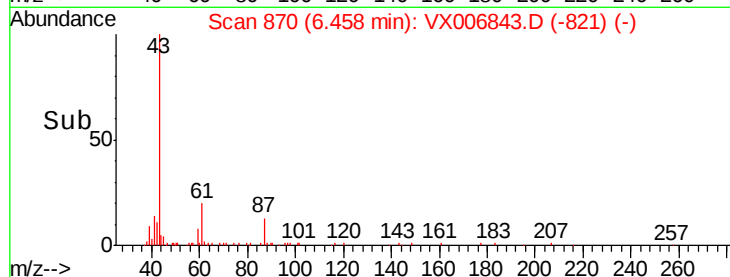
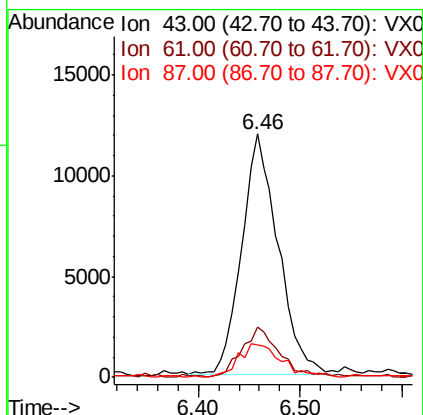
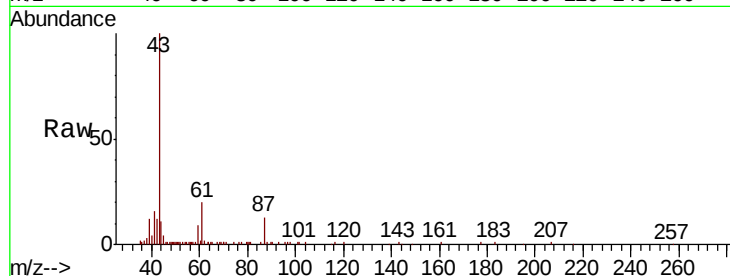


#43

Isopropyl Acetate
 Concen: 2.209 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006843.D
 Acq: 27 Dec 2018 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 TN-122618-C

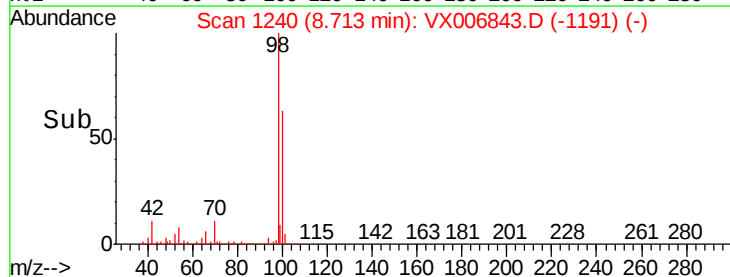
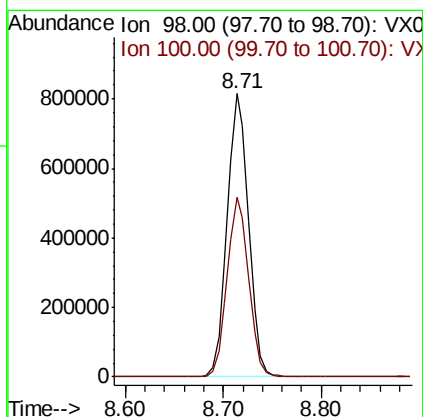
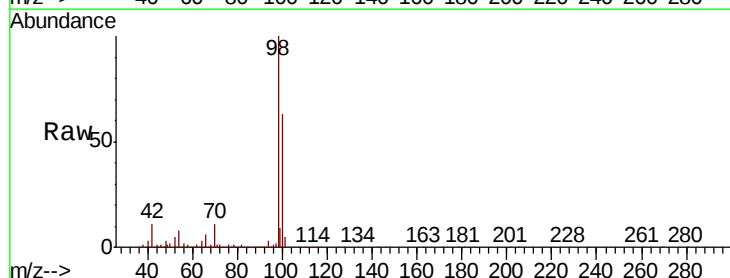
Tot Ion	43	Resp	29848
Ion Ratio	Lower	Upper	
43	100		
61	21.5	16.8	25.2
87	16.4	12.4	18.6

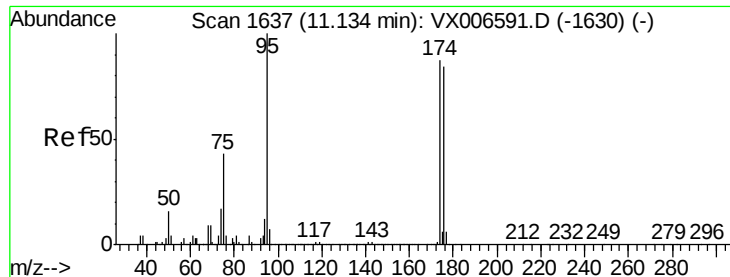


#50

Toluene-d8
 Concen: 50.363 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006843.D
 Acq: 27 Dec 2018 15:35

Tgt Ion	98	Resp	1236860
Ion Ratio	Lower	Upper	
98	100		
100	63.7	52.0	78.0

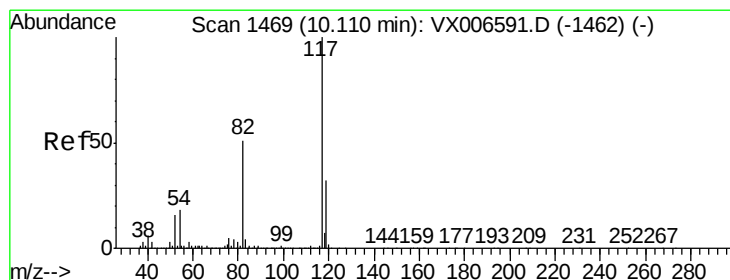
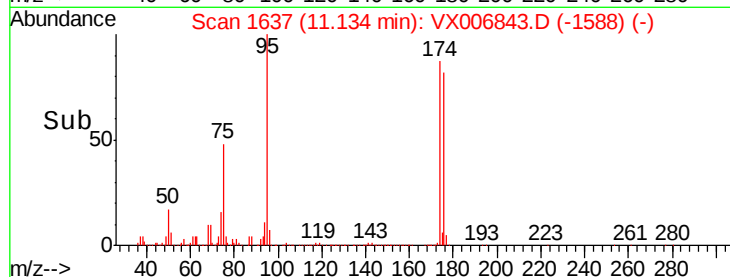
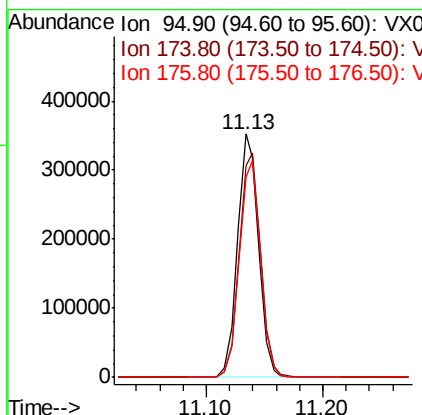
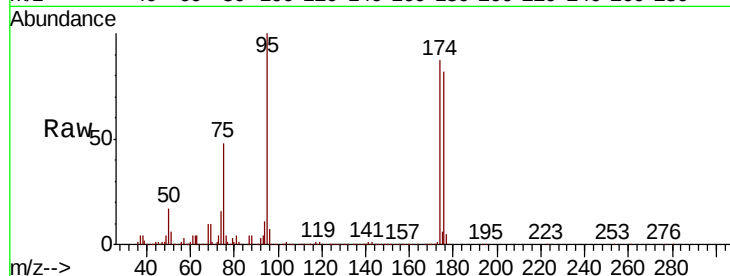




#62
4-Bromofluorobenzene
Concen: 49.110 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

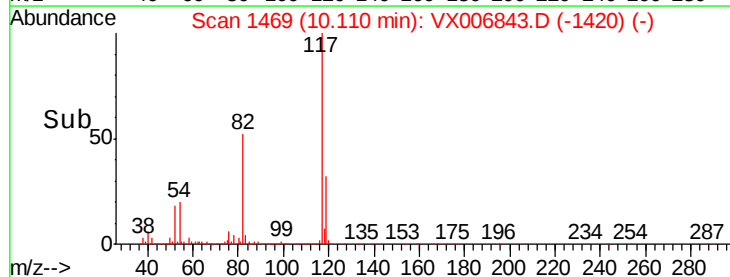
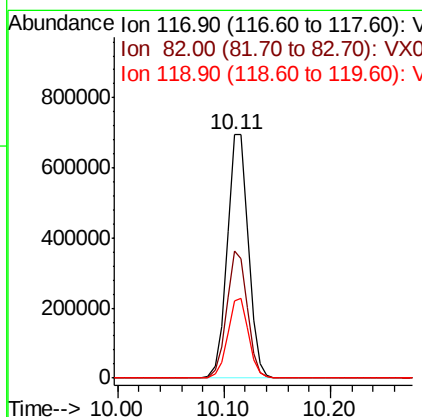
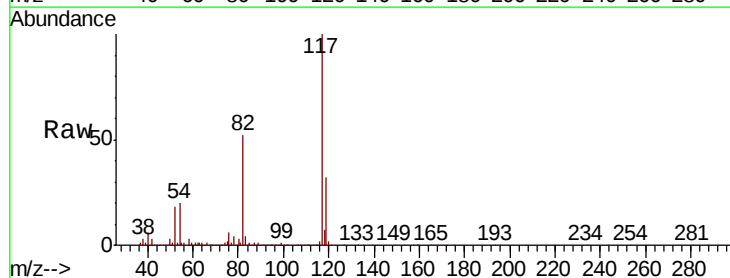
Instrument :
MSVOA_X
ClientSampleId :
TN-122618-C

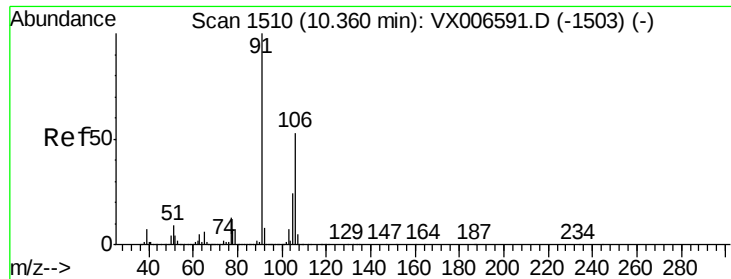
Tot Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	182.2
176	90.3	0.0	178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006843.D
Acq: 27 Dec 2018 15:35

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.3	41.0	61.6
119	31.9	25.4	38.0





#68

m/p-Xvlenes

Concen: 0.386 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX006843.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

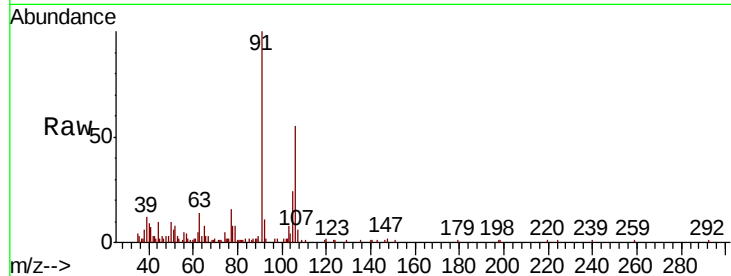
TN-122618-C

Tot Ion:106 Resp: 5090

Ion Ratio Lower Upper

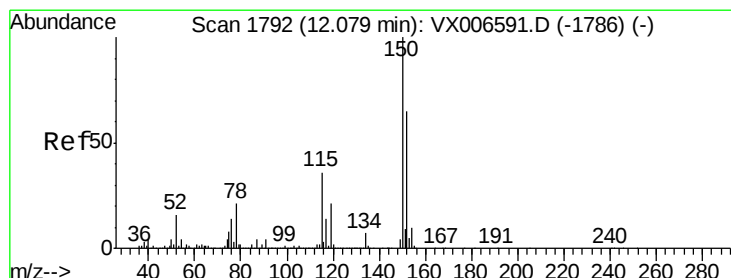
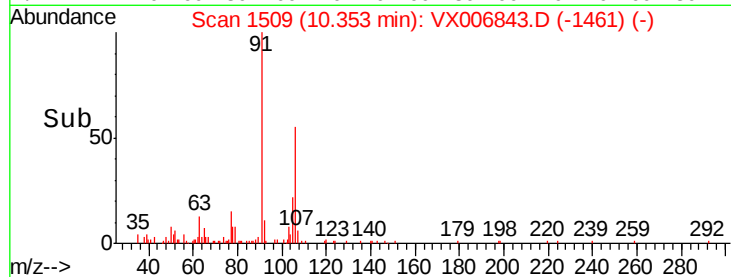
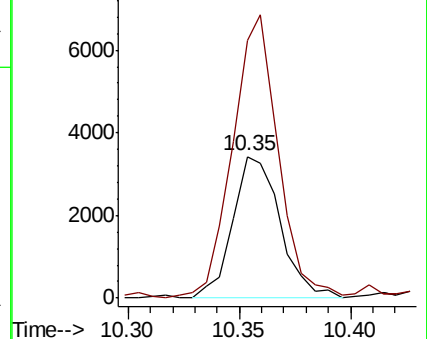
106 100

91 192.2 155.8 233.6



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: VX006843.D

Acq: 27 Dec 2018 15:35

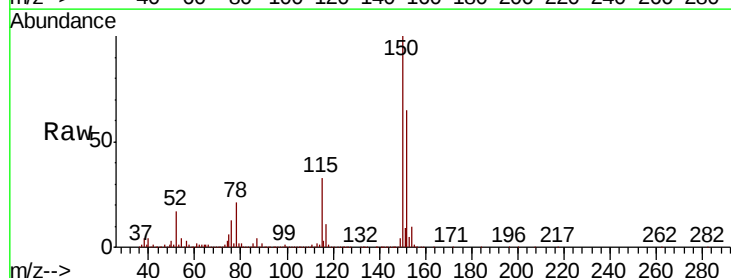
Tgt Ion:152 Resp: 475442

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.2

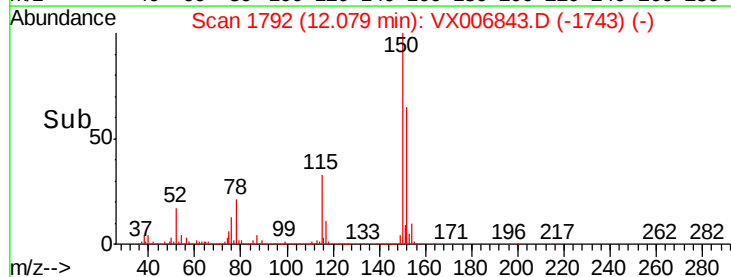
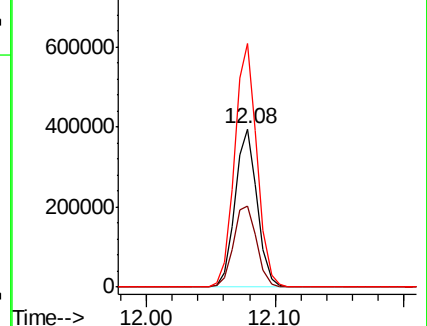
150 155.4 0.0 344.8

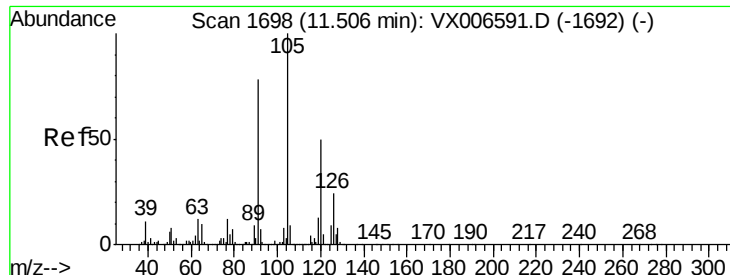


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.389 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006843.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

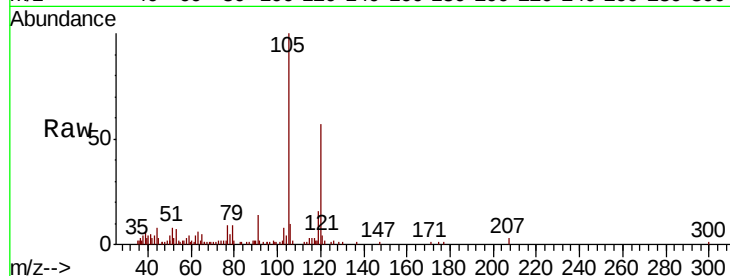
TN-122618-C

Tot Ion:105 Resp: 10412

Ion Ratio Lower Upper

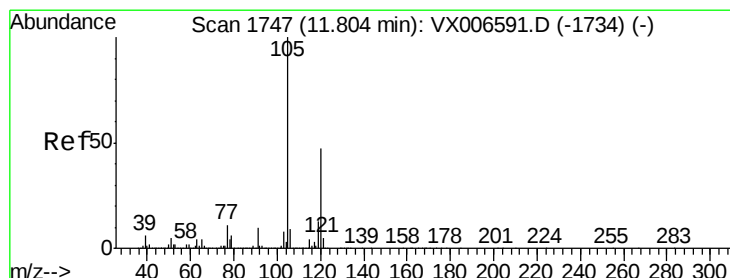
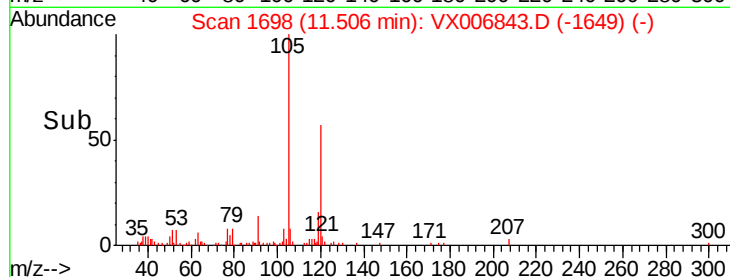
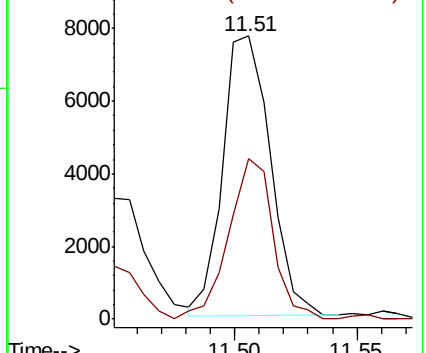
105 100

120 53.9 25.1 75.3



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: 0.506 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006843.D

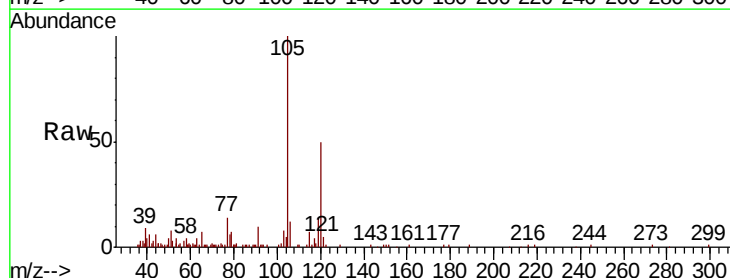
Acq: 27 Dec 2018 15:35

Tgt Ion:105 Resp: 14269

Ion Ratio Lower Upper

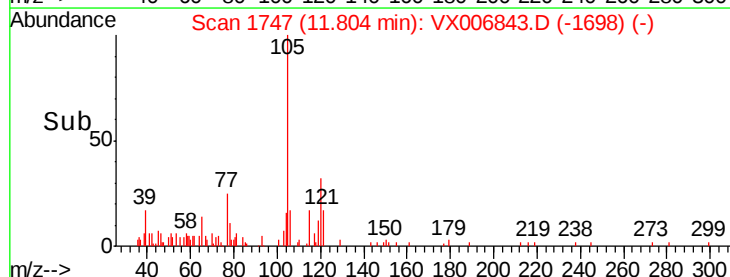
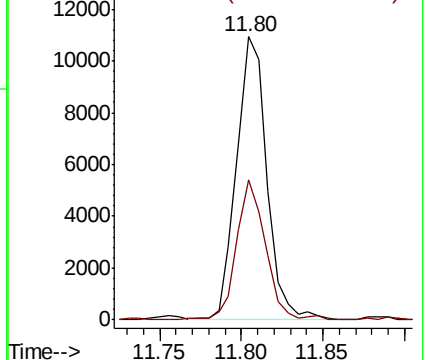
105 100

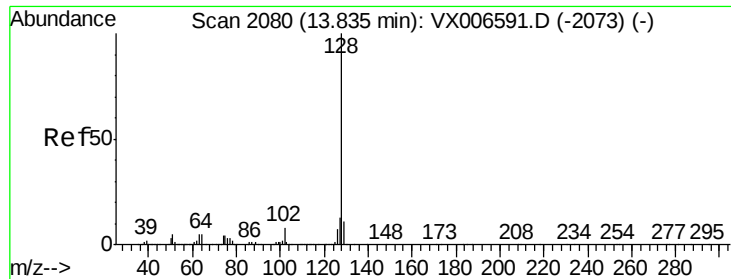
120 47.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.425 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006843.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_X

ClientSampleId :

TN-122618-C

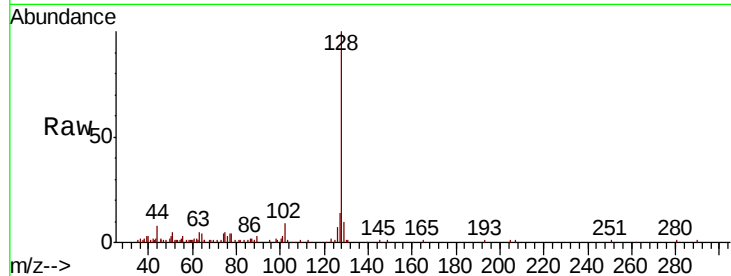
Tot Ion:128 Resp: 14821

Ion Ratio Lower Upper

128 100

127 14.9 10.1 15.1

129 12.7 8.6 13.0



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

