

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071620\
 Data File : VX017406.D
 Acq On : 16 Jul 2020 21:01
 Operator : JC/SP
 Sample : L3334-03 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 I-LDC-4

Quant Time: Jul 17 02:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

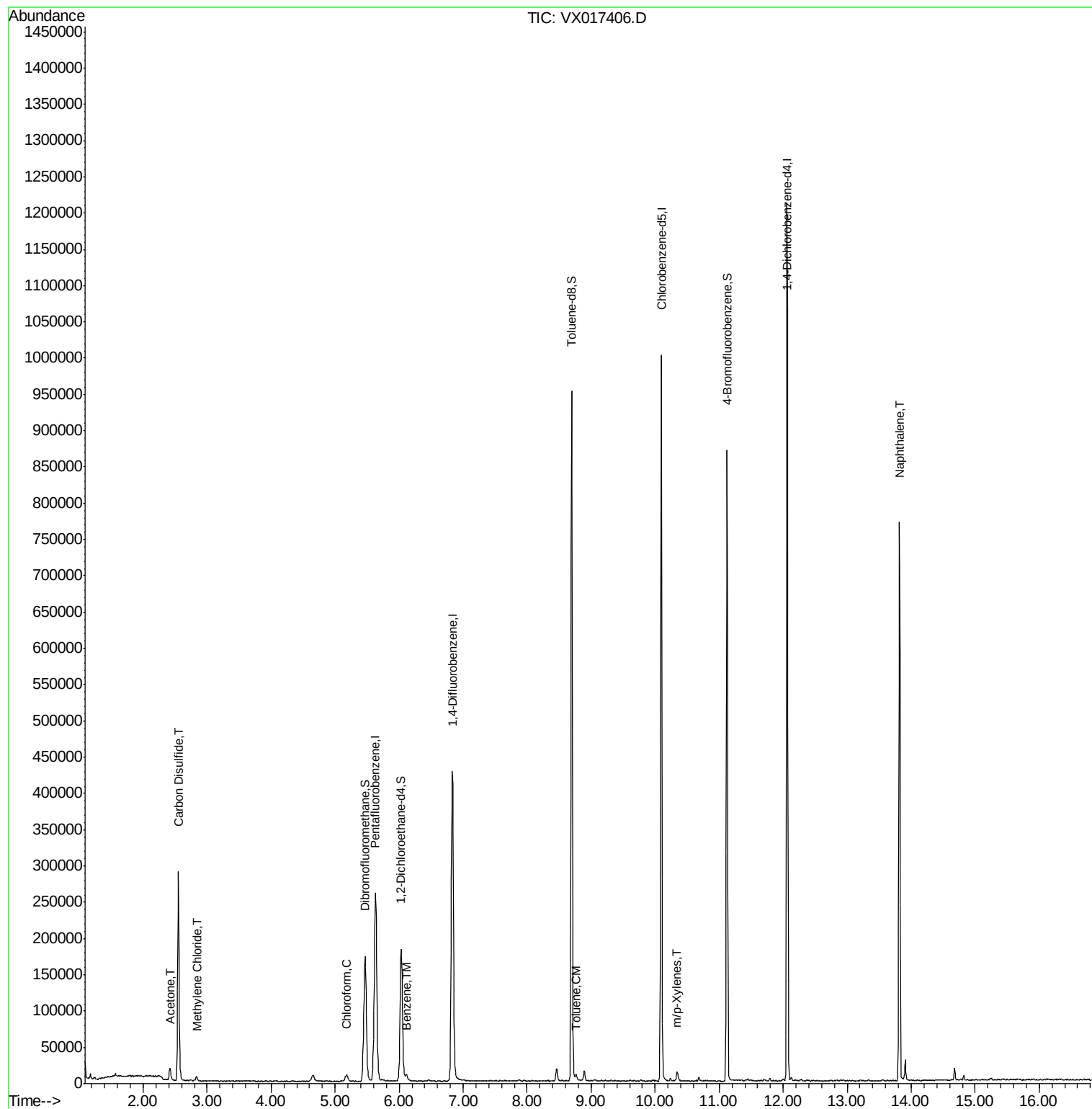
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	246600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	458275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	242622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	171848	55.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.04%	
35) Dibromofluoromethane	5.46	113	152003	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	8.70	98	538147	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	11.12	95	219596	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
Target Compounds						
16) Acetone	2.42	43	16971	15.370	ug/l	99
17) Carbon Disulfide	2.55	76	358632	54.782	ug/l	100
20) Methylene Chloride	2.84	84	2907	1.079	ug/l #	82
30) Chloroform	5.18	83	11404	2.435	ug/l	88
40) Benzene	6.12	78	9686	0.847	ug/l #	89
52) Toluene	8.77	92	2513	0.342	ug/l	91
68) m/p-Xylenes	10.34	106	2318	0.393	ug/l	91
95) Naphthalene	13.82	128	447527	30.110	ug/l	100

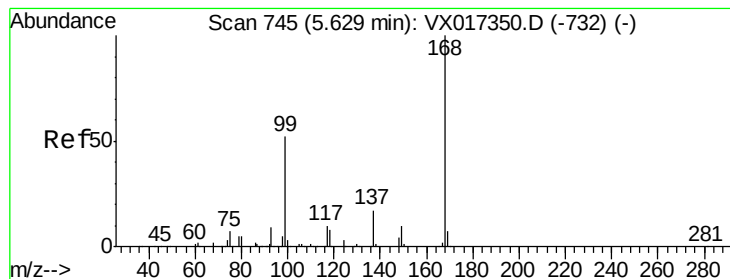
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 02:59:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

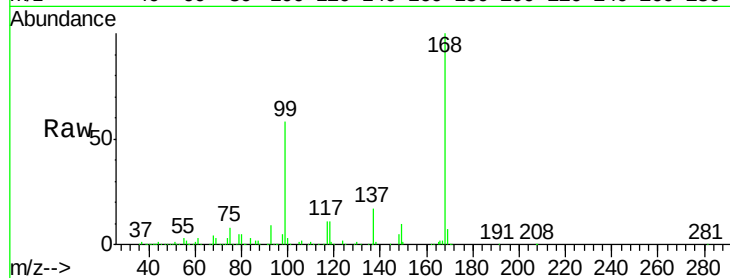
I-LDC-4

Tot Ion:168 Resp: 246600

Ion Ratio Lower Upper

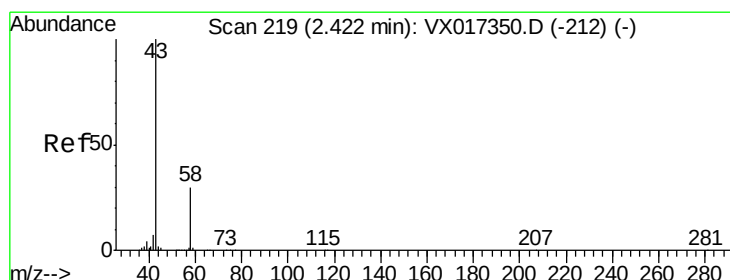
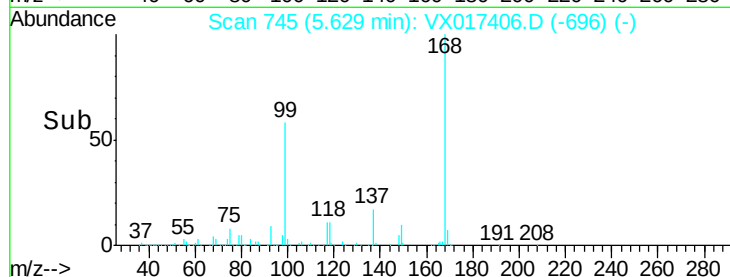
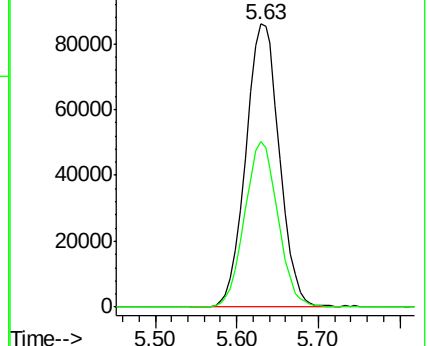
168 100

99 58.4 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.370 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017406.D

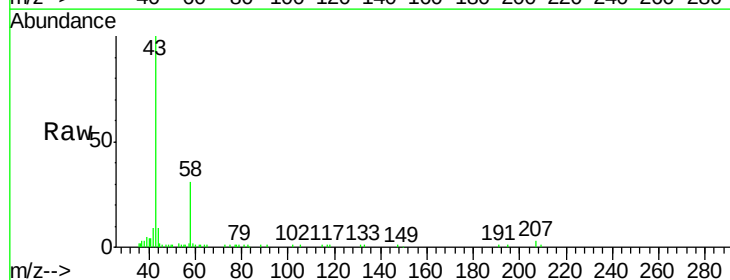
Acq: 16 Jul 2020 21:01

Tgt Ion: 43 Resp: 16971

Ion Ratio Lower Upper

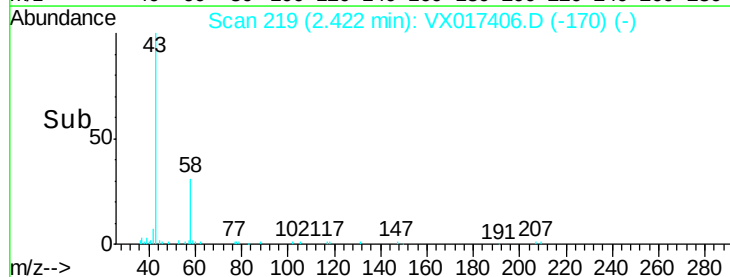
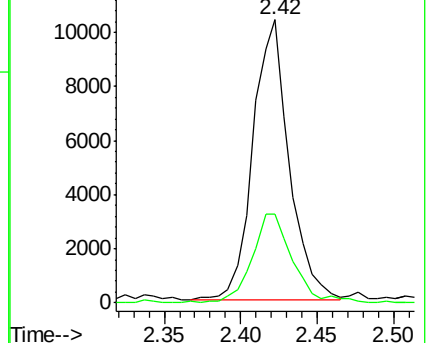
43 100

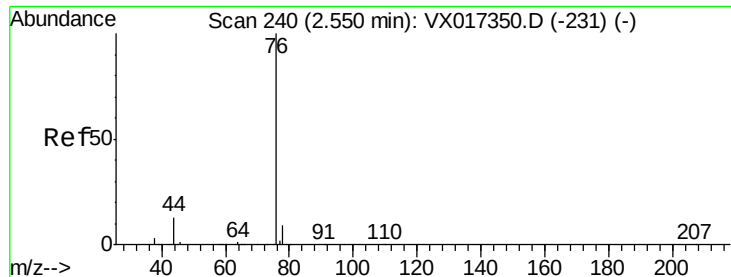
58 30.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 54.782 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

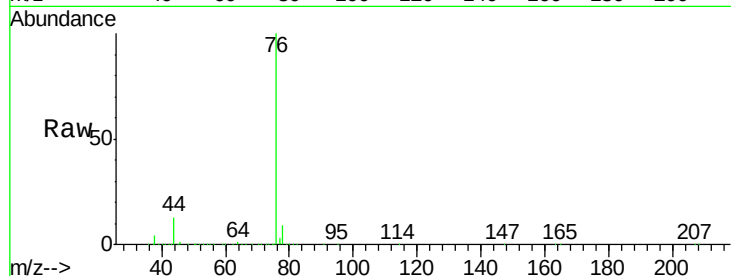
I-LDC-4

Tot Ion: 76 Resp: 358632

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

100000

50000

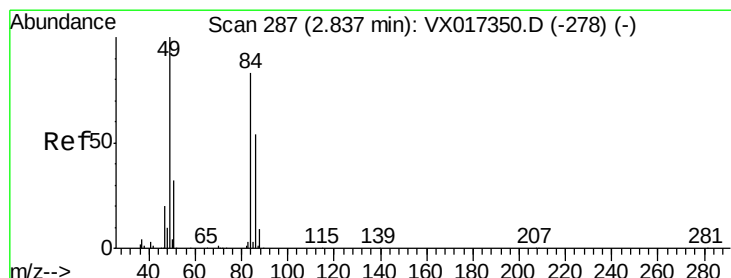
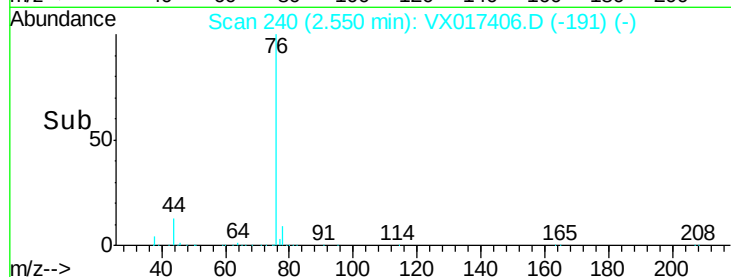
0

Time-->

2.50

2.60

2.70



#20

Methylene Chloride

Concen: 1.079 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Tgt Ion: 84 Resp: 2907

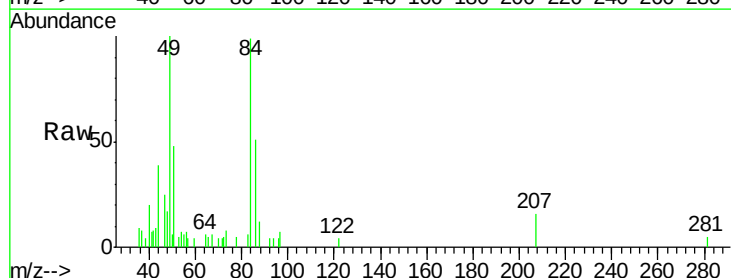
Ion Ratio Lower Upper

84 100

49 95.9 95.8 143.8

51 43.7 31.0 46.4

86 51.8 51.8 77.8#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

3000

2500

2000

1500

1000

500

0

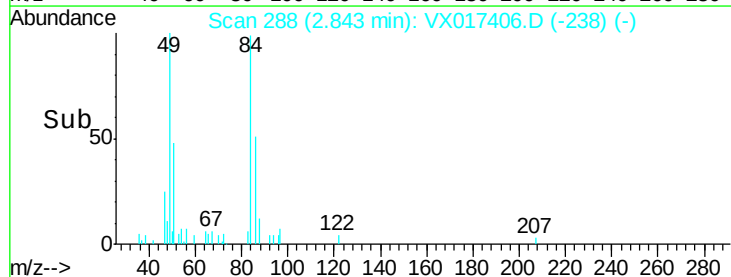
Time-->

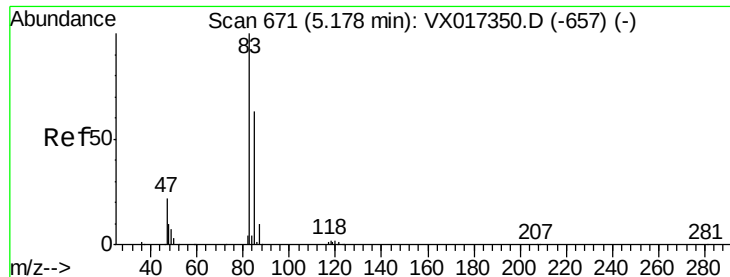
2.75

2.80

2.85

2.90

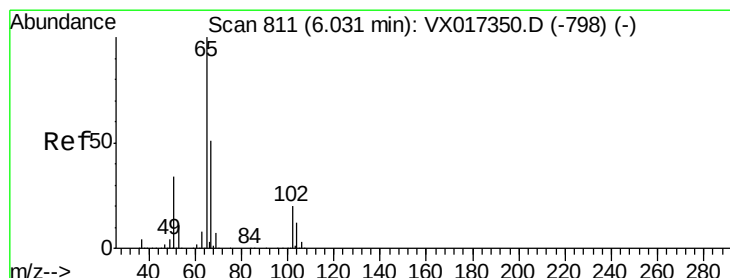
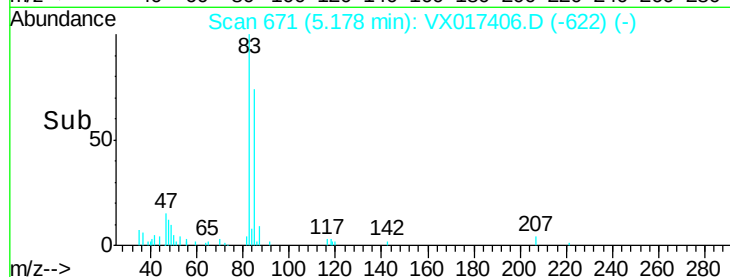
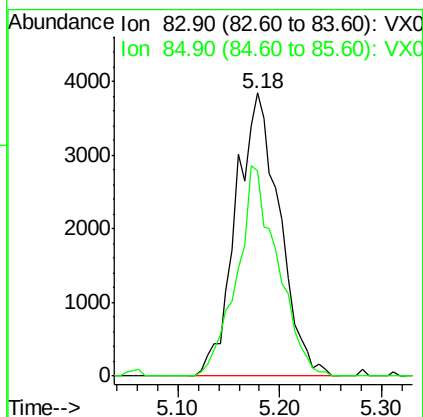
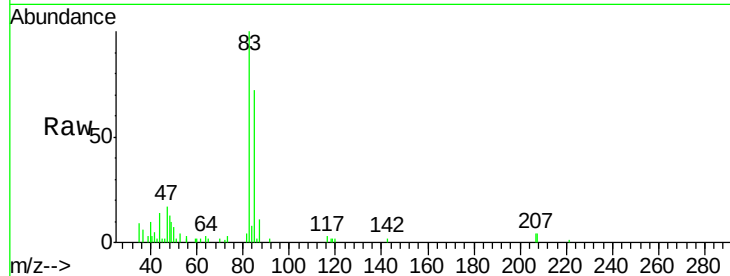




#30
Chloroform
Concen: 2.435 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017406.D
Acq: 16 Jul 2020 21:01

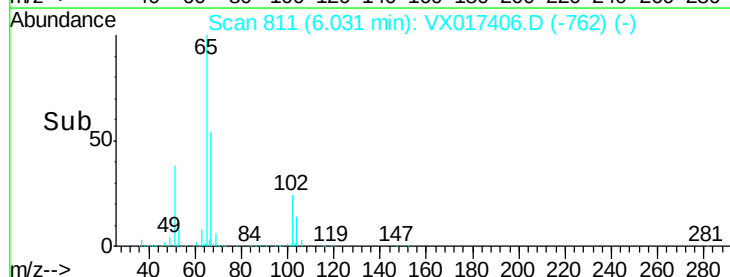
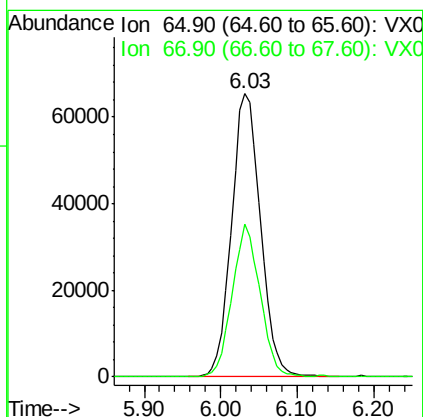
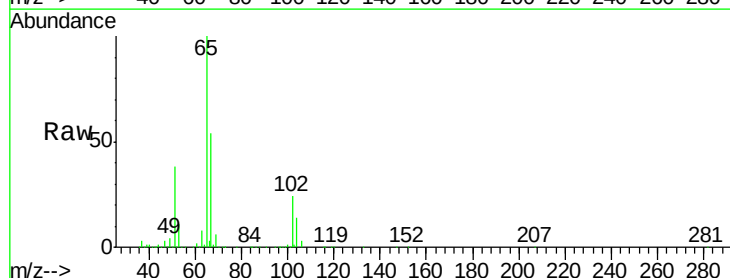
Instrument :
MSVOA_X
ClientSampled :
I-LDC-4

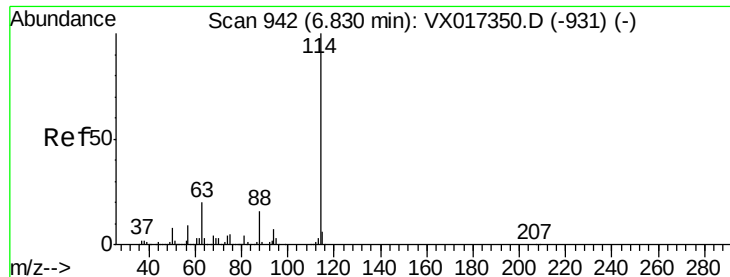
Tot Ion: 83 Resp: 11404
Ion Ratio Lower Upper
83 100
85 72.4 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 55.524 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX017406.D
Acq: 16 Jul 2020 21:01

Tgt Ion: 65 Resp: 171848
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

I-LDC-4

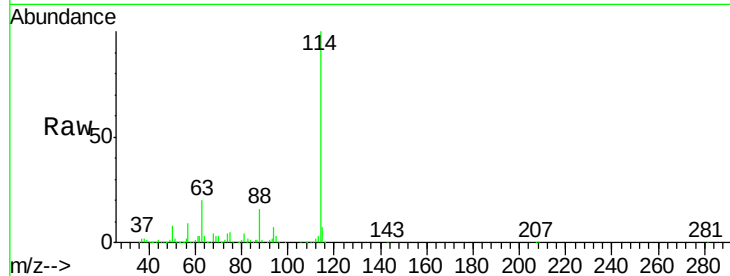
Tot Ion:114 Resp: 432580

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

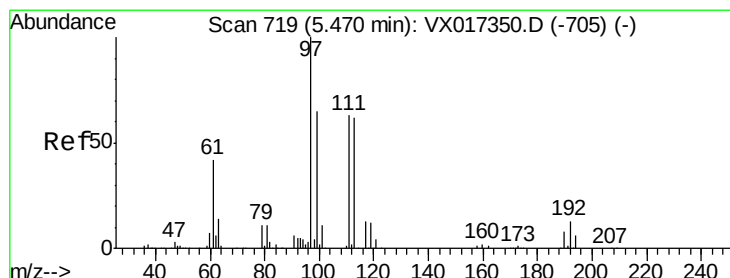
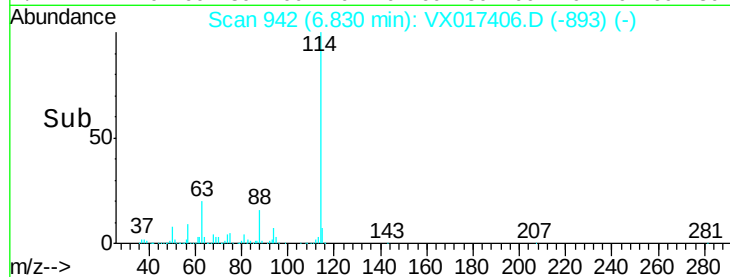
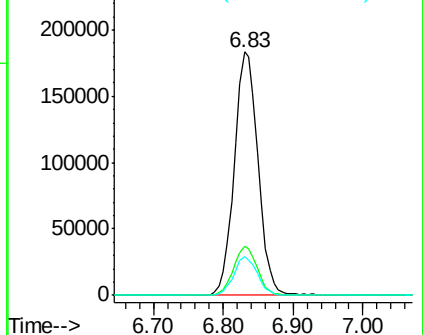
88 15.8 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 52.164 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

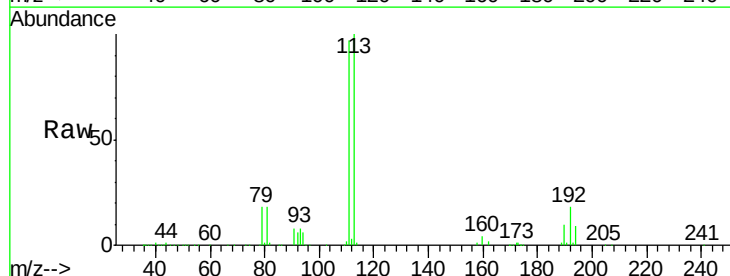
Tgt Ion:113 Resp: 152003

Ion Ratio Lower Upper

113 100

111 100.6 82.4 123.6

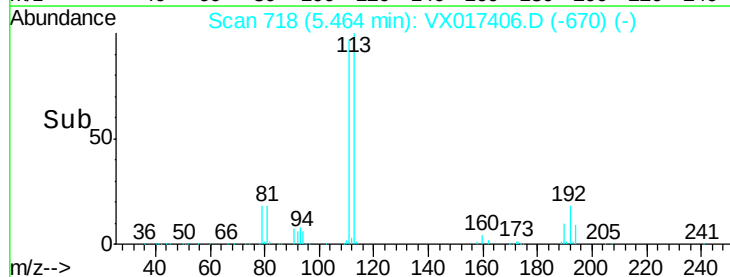
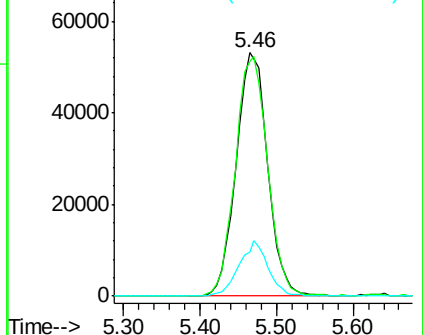
192 20.8 17.2 25.8

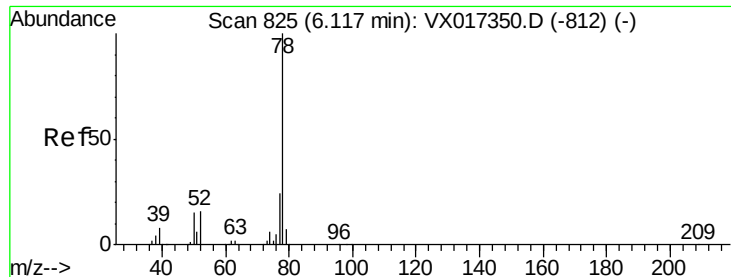


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.847 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

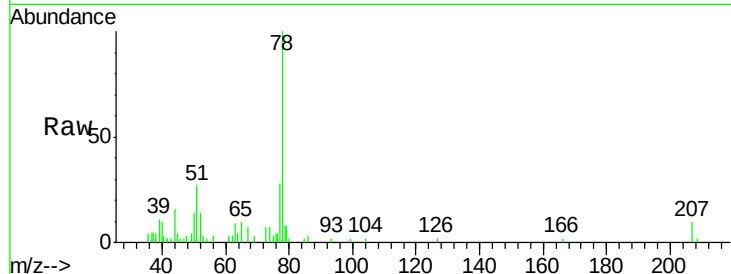
I-LDC-4

Tot Ion: 78 Resp: 9686

Ion Ratio Lower Upper

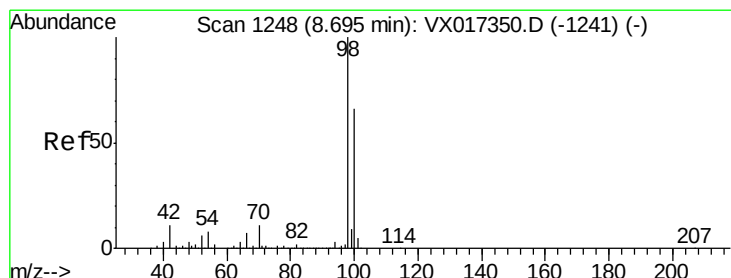
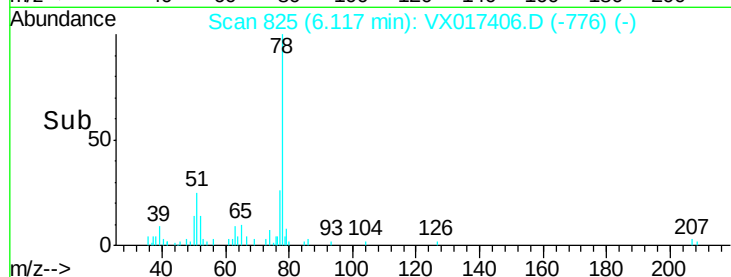
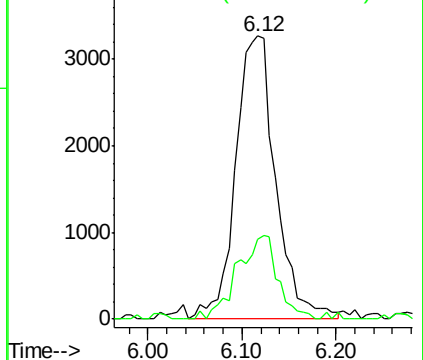
78 100

77 29.0 18.9 28.3#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 51.199 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017406.D

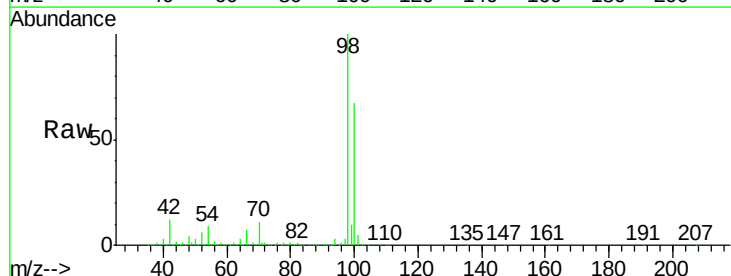
Acq: 16 Jul 2020 21:01

Tgt Ion: 98 Resp: 538147

Ion Ratio Lower Upper

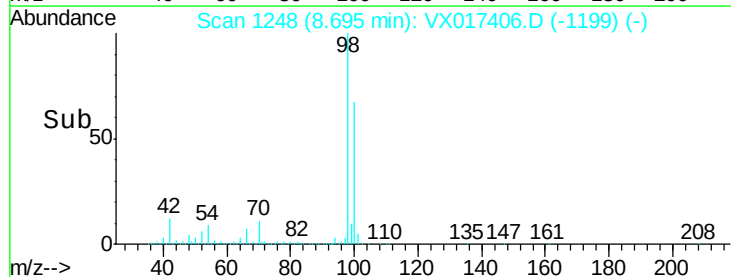
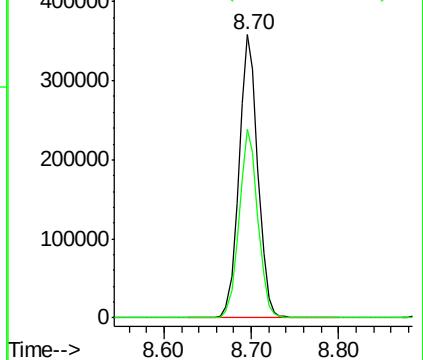
98 100

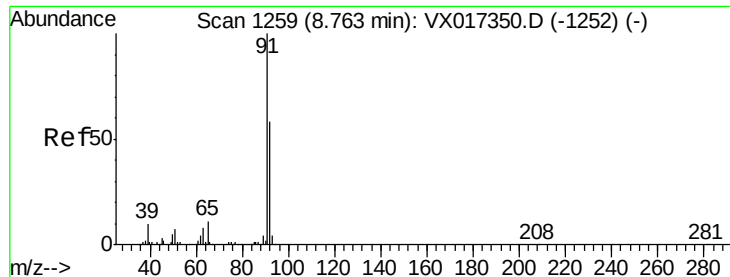
100 66.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.342 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampleId :

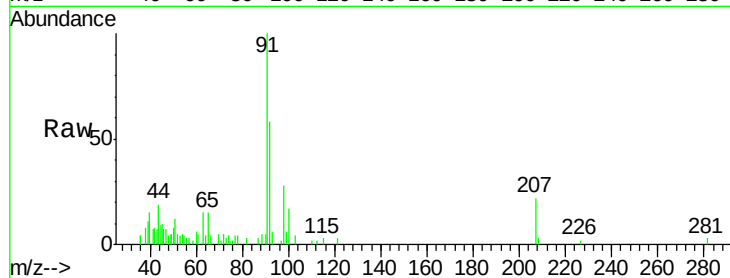
I-LDC-4

Tot Ion: 92 Resp: 2513

Ion Ratio Lower Upper

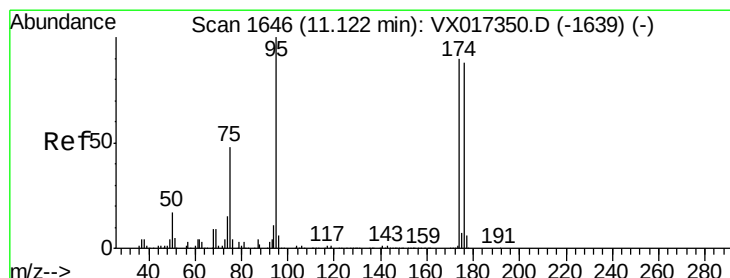
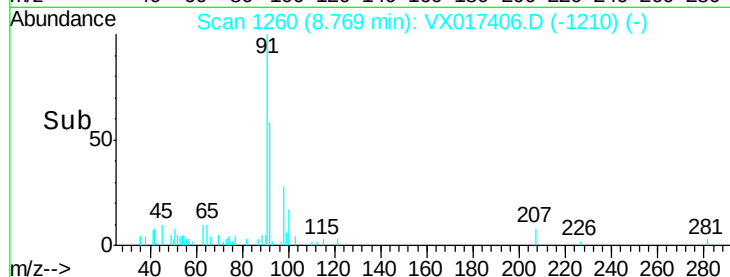
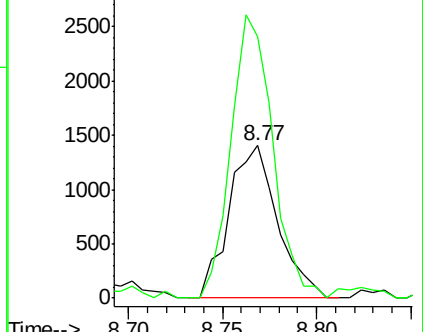
92 100

91 159.1 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 52.596 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

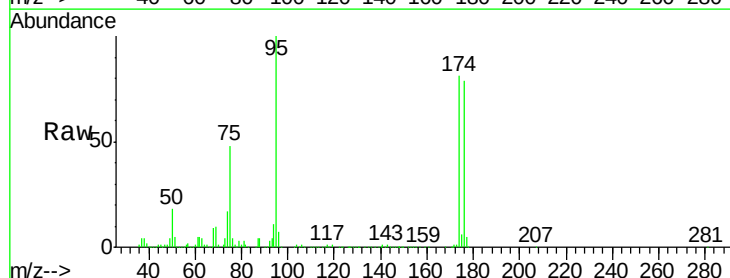
Tgt Ion: 95 Resp: 219596

Ion Ratio Lower Upper

95 100

174 82.4 0.0 175.8

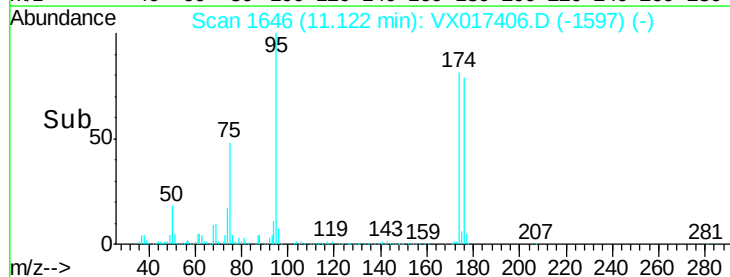
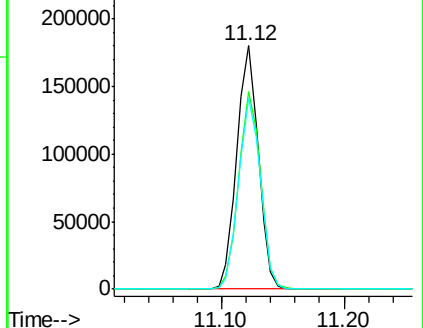
176 79.8 0.0 164.6

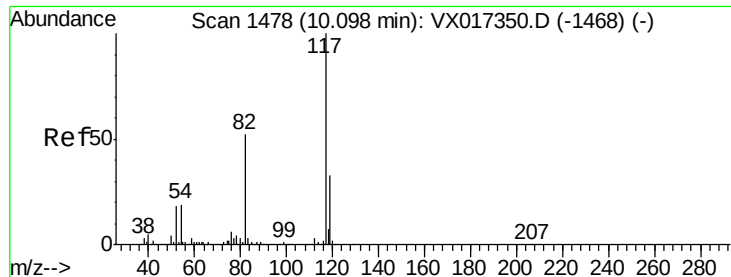


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

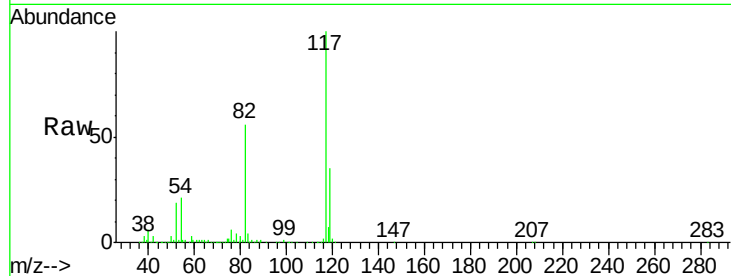




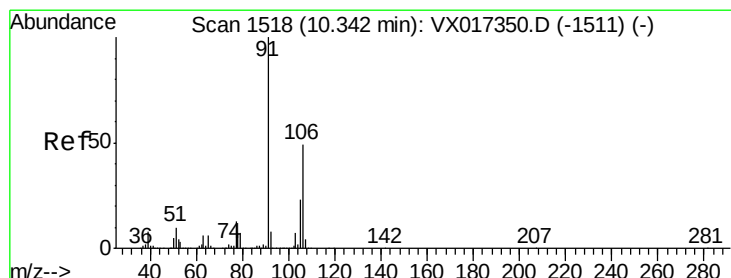
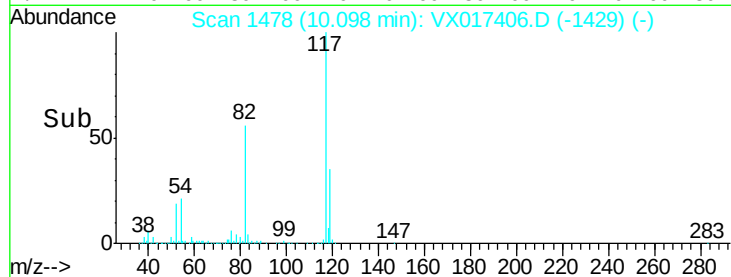
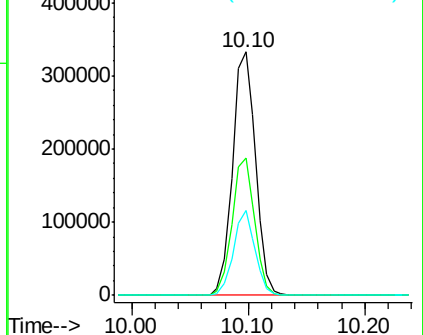
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017406.D
Acq: 16 Jul 2020 21:01

Instrument :
MSVOA_X
ClientSampled :
I-LDC-4

Tot Ion:117 Resp: 458275
Ion Ratio Lower Upper
117 100
82 56.2 42.0 63.0
119 35.0 26.3 39.5

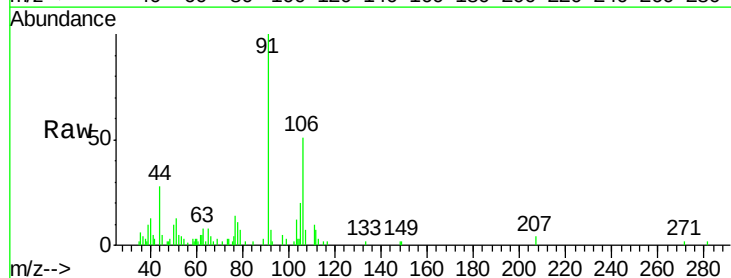


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

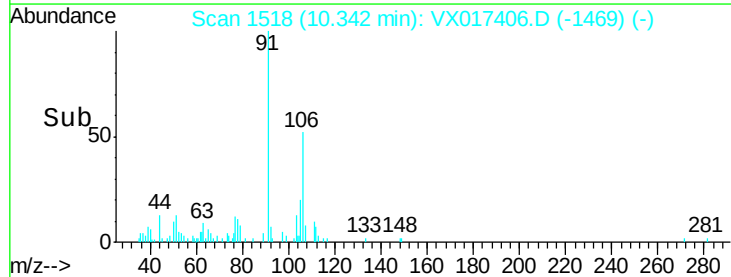
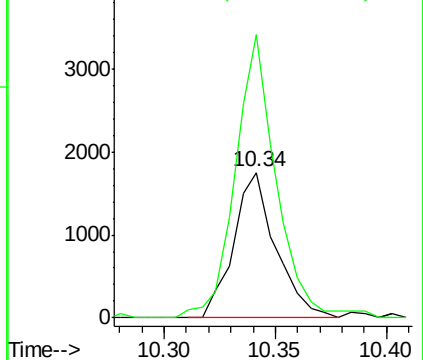


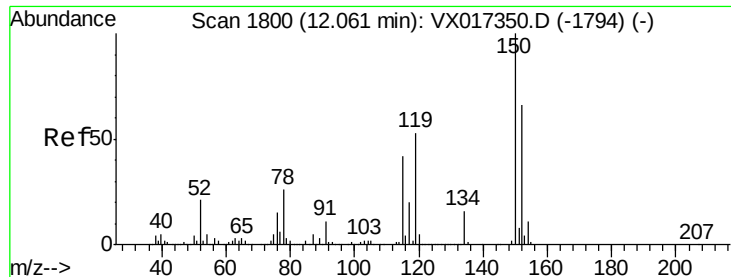
#68
m/p-Xylenes
Concen: 0.393 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017406.D
Acq: 16 Jul 2020 21:01

Tgt Ion:106 Resp: 2318
Ion Ratio Lower Upper
106 100
91 189.0 162.5 243.7



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: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

Instrument :

MSVOA_X

ClientSampled :

I-LDC-4

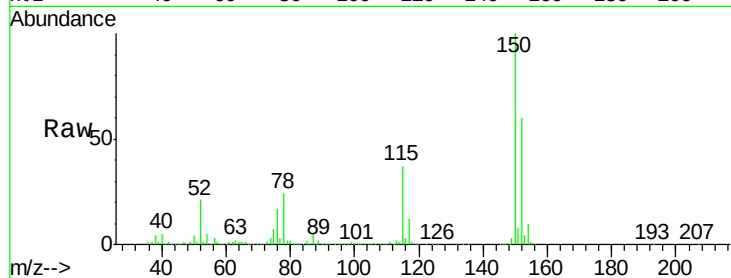
Tot Ion:152 Resp: 242622

Ion Ratio Lower Upper

152 100

115 58.9 39.9 119.7

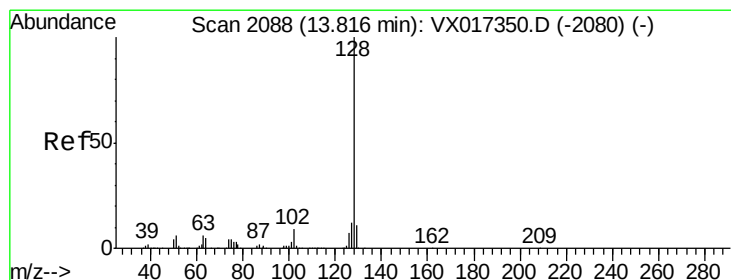
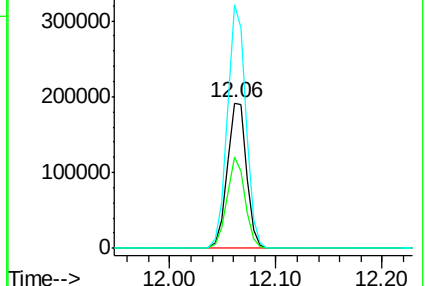
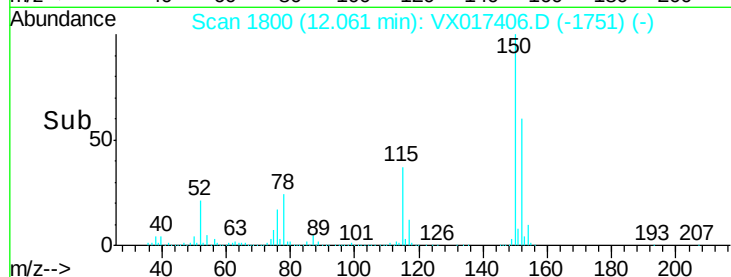
150 161.9 0.0 343.4



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



#95

Naphthalene

Concen: 30.110 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017406.D

Acq: 16 Jul 2020 21:01

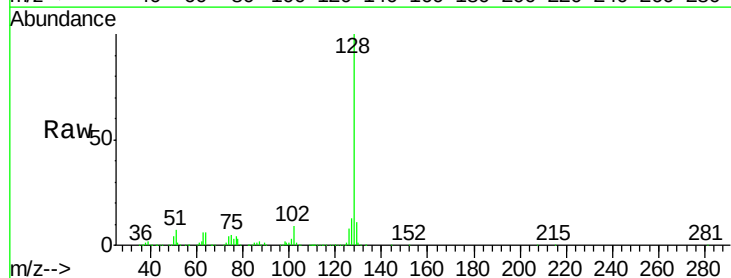
Tgt Ion:128 Resp: 447527

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.9 13.3



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

