

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121318\
 Data File : VX006493.D
 Acq On : 13 Dec 2018 14:24
 Operator : JC/MD
 Sample : J6350-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SV-27781LDL

Quant Time: Dec 14 00:43:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

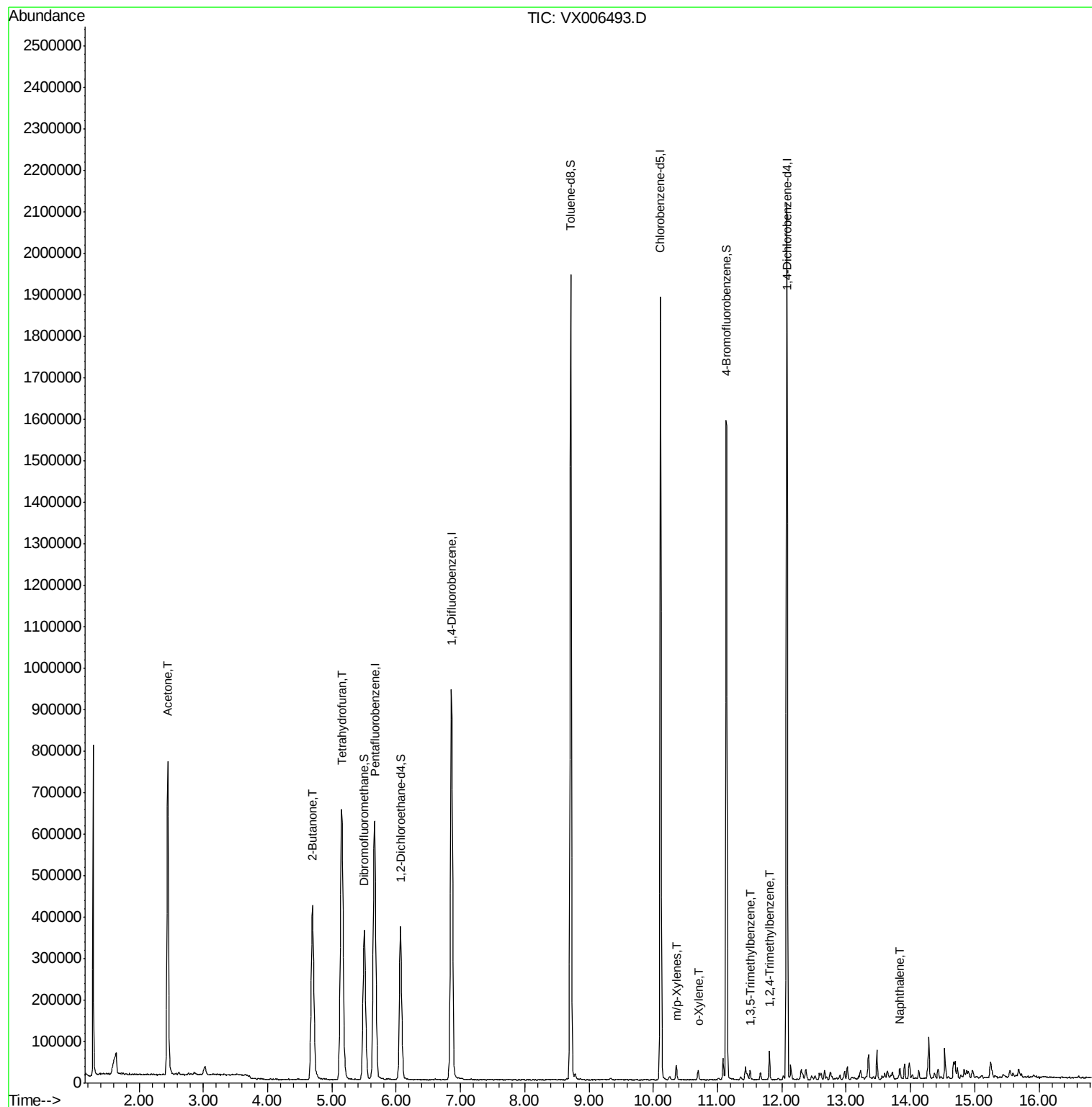
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	643558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1025752	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	938887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	347442	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
35) Dibromofluoromethane	5.51	113	312203	47.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.02%	
50) Toluene-d8	8.71	98	1202123	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.13	95	448782	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	787732	255.499	ug/l	96
25) 2-Butanone	4.70	43	755767	171.798	ug/l	99
29) Tetrahydrofuran	5.15	42	608320	198.966	ug/l	98
68) m/p-Xylenes	10.35	106	9304	0.701	ug/l	97
69) o-Xylene	10.69	106	5403	0.412	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	8466	0.331	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	31578	1.197	ug/l	99
95) Naphthalene	13.83	128	17561	0.514	ug/l #	94

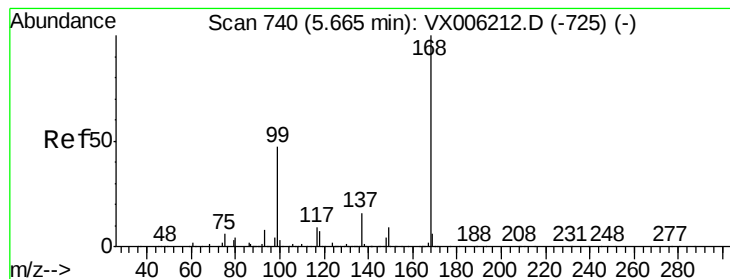
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121318\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

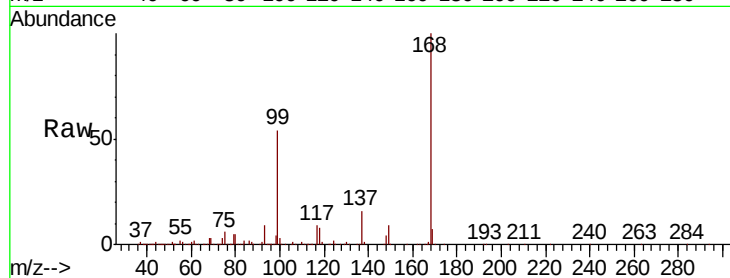
SV-27781LDL

Tot Ion:168 Resp: 643558

Ion Ratio Lower Upper

168 100

99 54.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

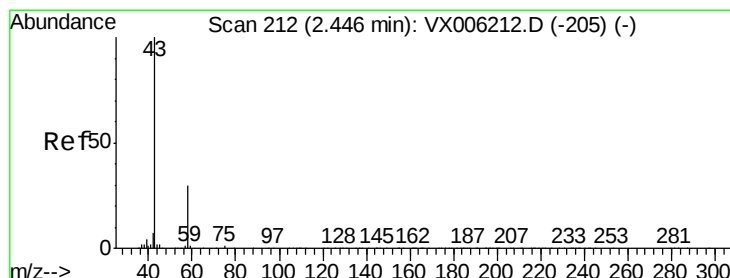
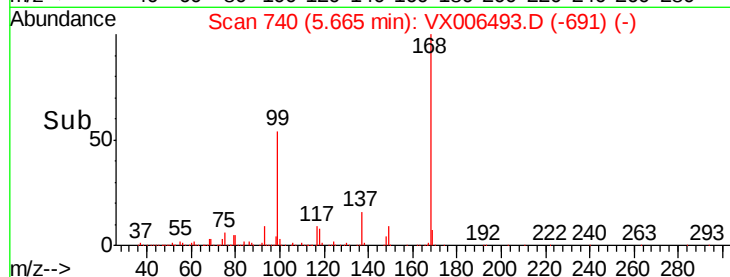
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 255.499 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006493.D

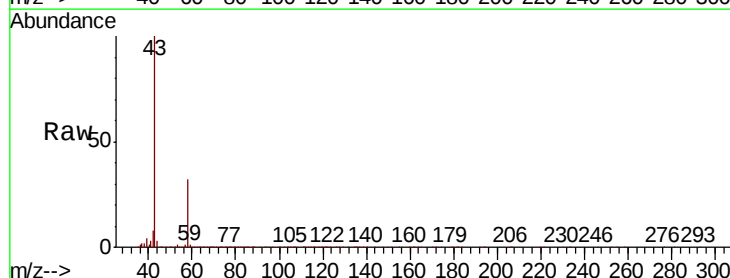
Acq: 13 Dec 2018 14:24

Tgt Ion: 43 Resp: 787732

Ion Ratio Lower Upper

43 100

58 32.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

500000

400000

300000

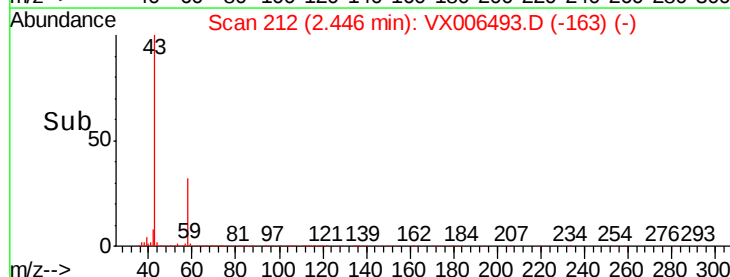
200000

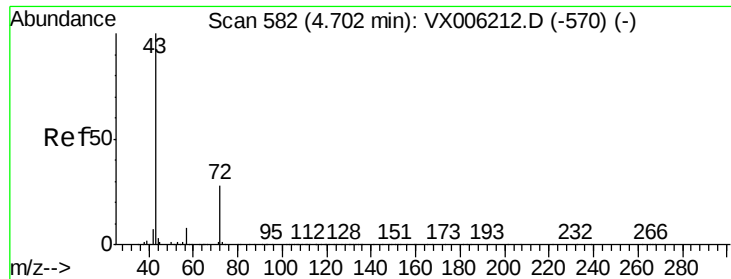
100000

0

Time-->

2.30 2.40 2.50 2.60





#25

2-Butanone

Concen: 171.798 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

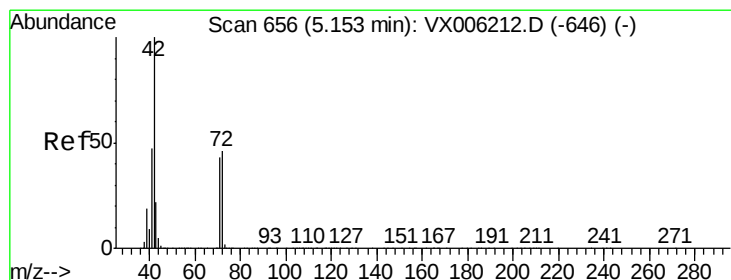
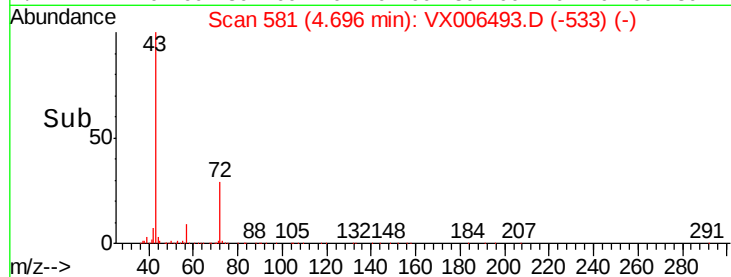
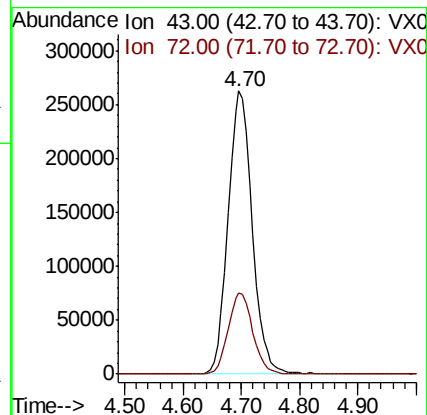
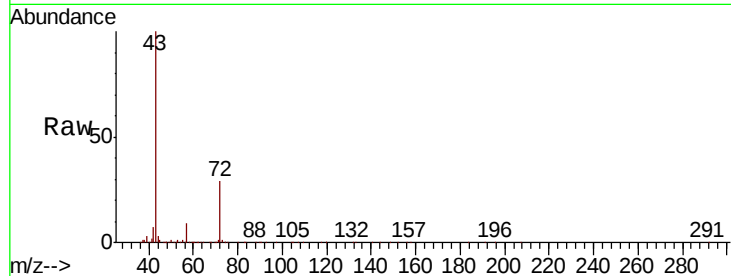
SV-27781LDL

Tot Ion: 43 Resp: 755767

Ion Ratio Lower Upper

43 100

72 28.9 22.6 33.8



#29

Tetrahydrofuran

Concen: 198.966 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

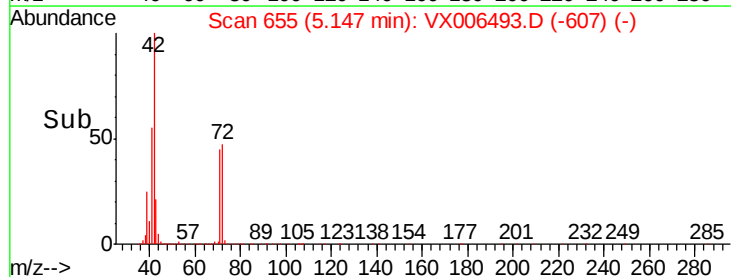
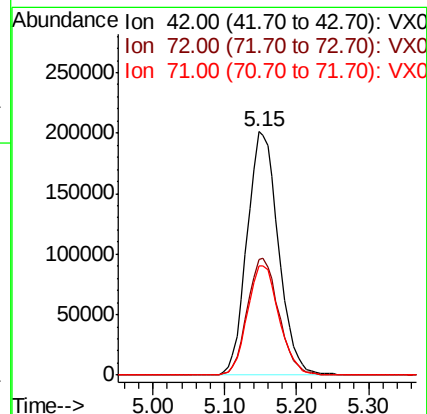
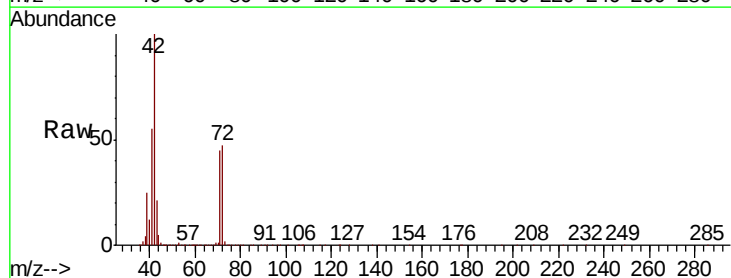
Tgt Ion: 42 Resp: 608320

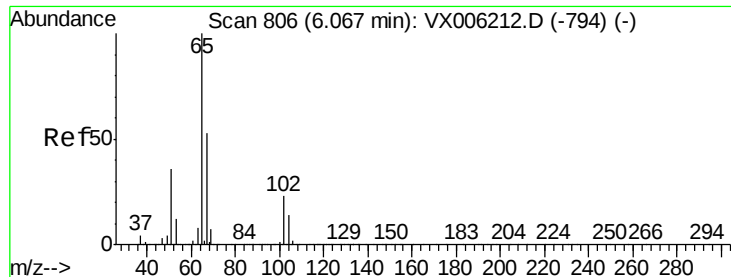
Ion Ratio Lower Upper

42 100

72 48.1 37.8 56.8

71 45.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.886 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

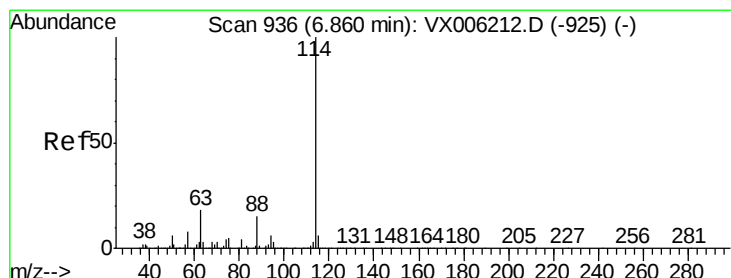
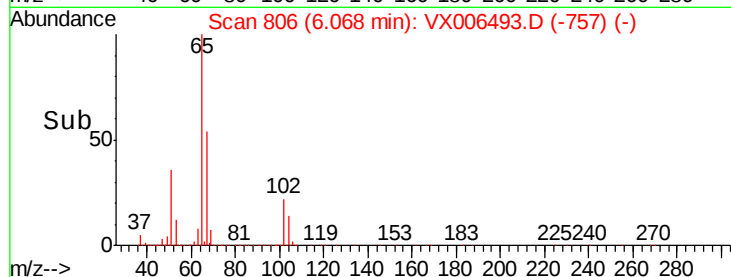
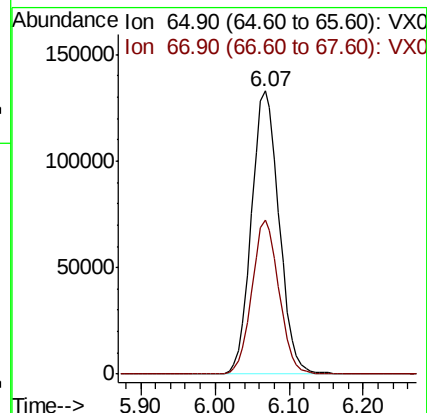
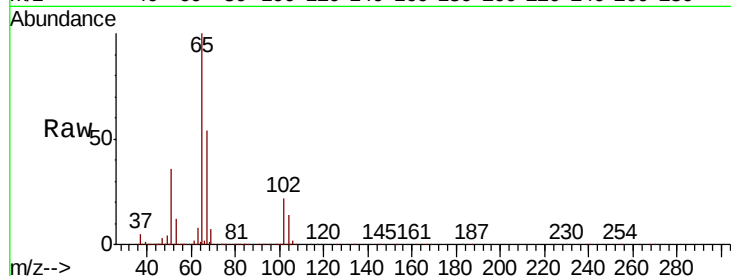
SV-27781LDL

Tot Ion: 65 Resp: 347442

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

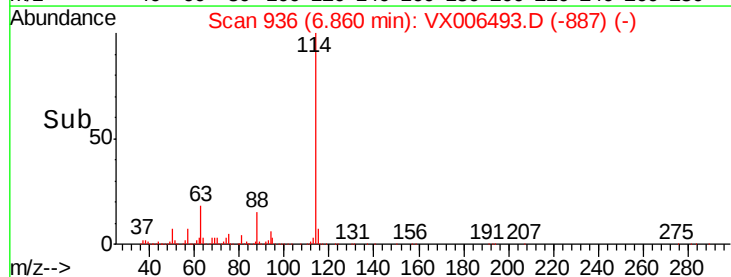
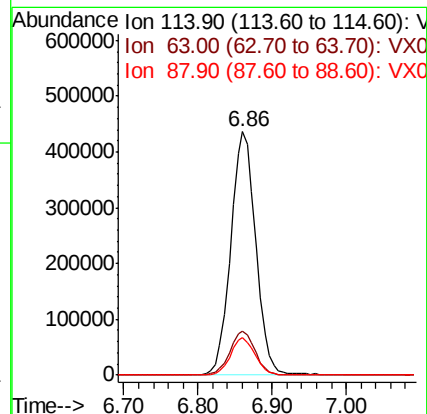
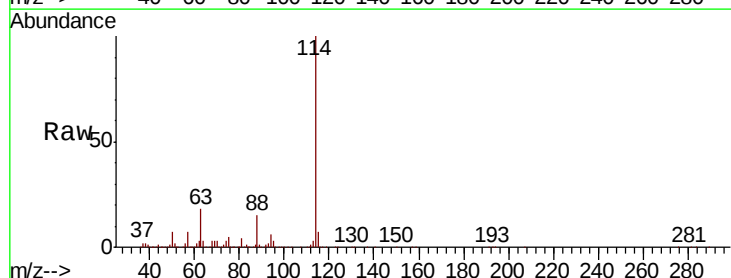
Tgt Ion: 114 Resp: 1025752

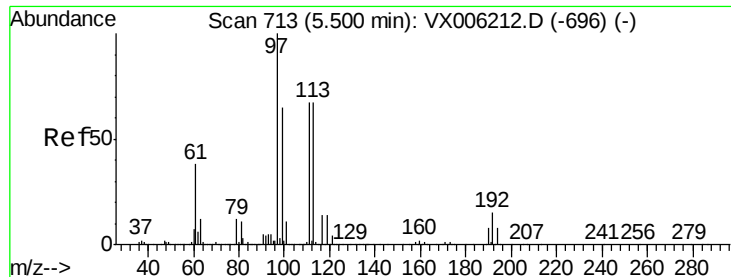
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

88 15.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.009 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

SV-27781LDL

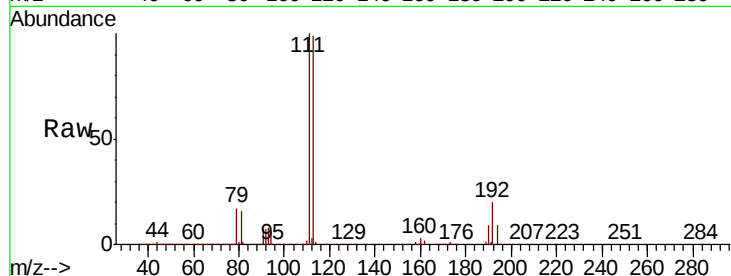
Tot Ion:113 Resp: 312203

Ion Ratio Lower Upper

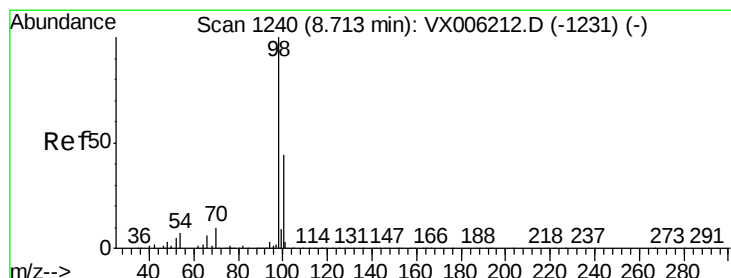
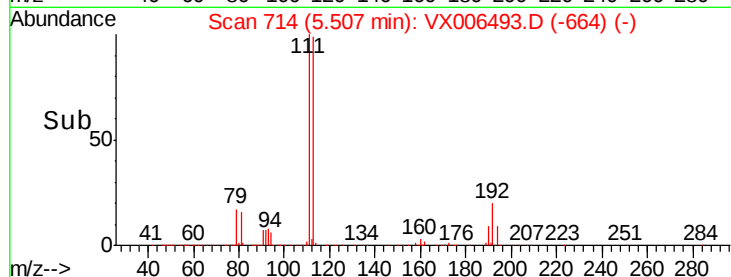
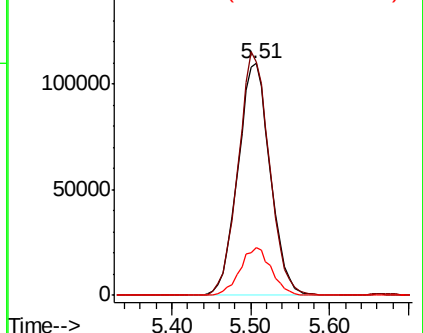
113 100

111 101.8 81.1 121.7

192 19.9 18.2 27.2



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



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006493.D

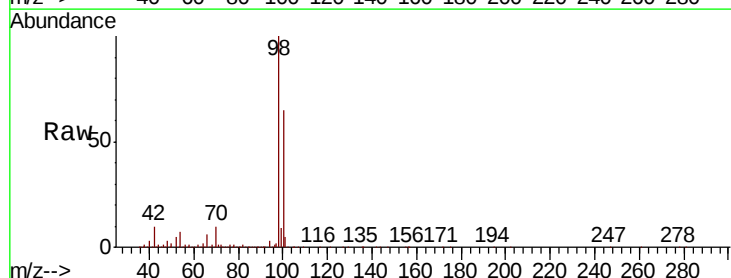
Acq: 13 Dec 2018 14:24

Tgt Ion: 98 Resp: 1202123

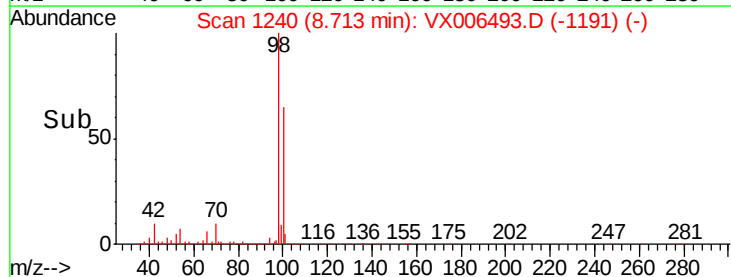
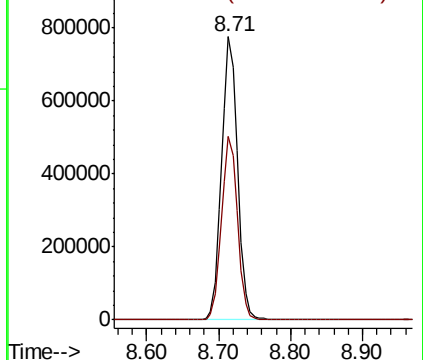
Ion Ratio Lower Upper

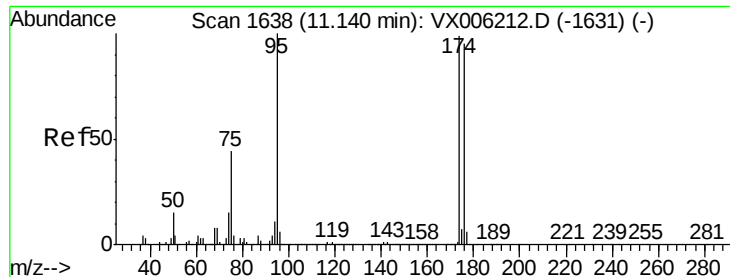
98 100

100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.299 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

SV-27781LDL

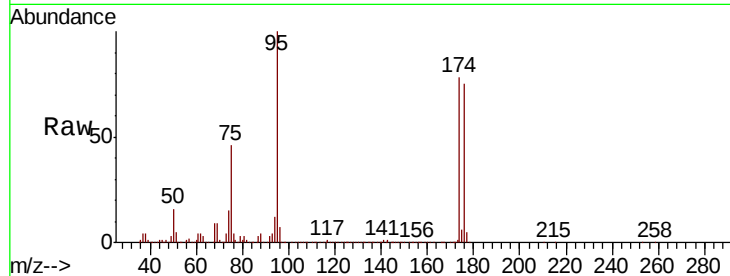
Tot Ion: 95 Resp: 448782

Ion Ratio Lower Upper

95 100

174 85.0 0.0 187.0

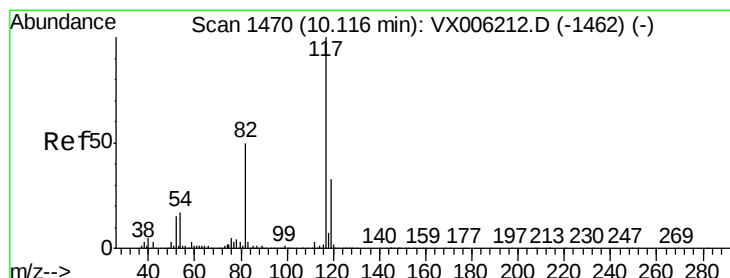
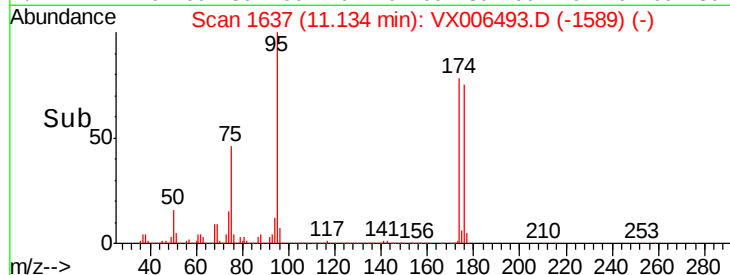
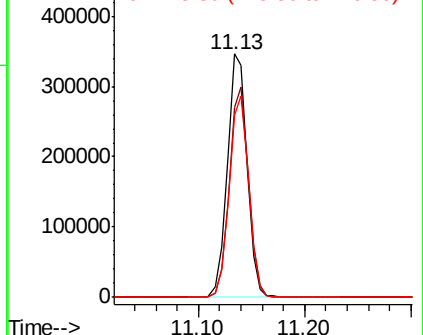
176 82.1 0.0 181.8



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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

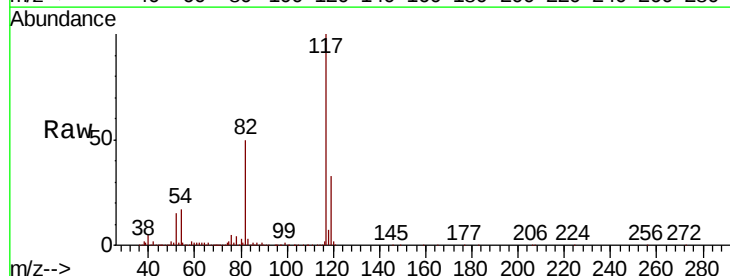
Tgt Ion: 117 Resp: 938887

Ion Ratio Lower Upper

117 100

82 50.0 39.6 59.4

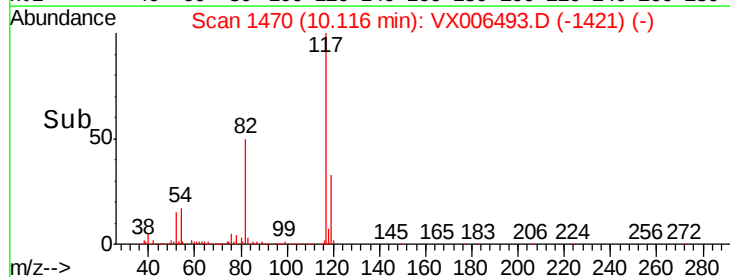
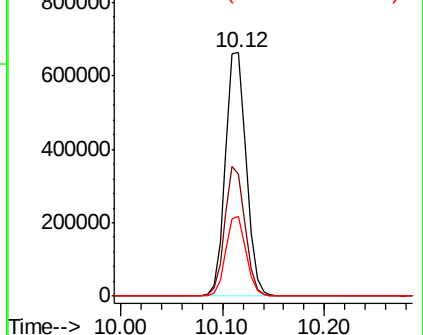
119 32.5 26.3 39.5

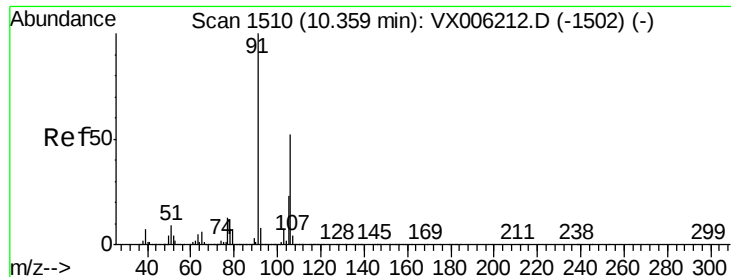


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#68

m/p-Xylenes

Concen: 0.701 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

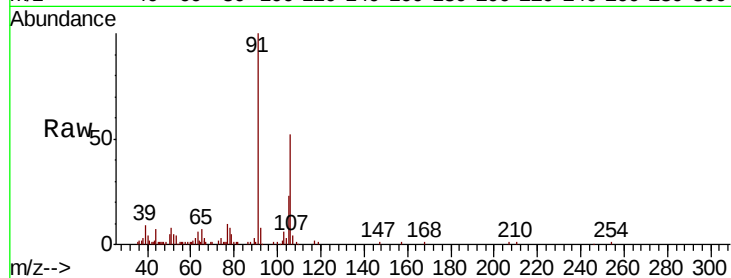
SV-27781LDL

Tot Ion:106 Resp: 9304

Ion Ratio Lower Upper

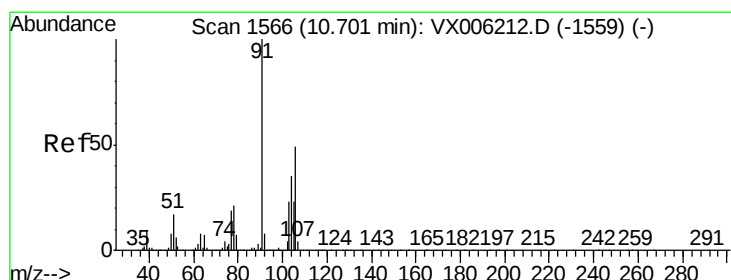
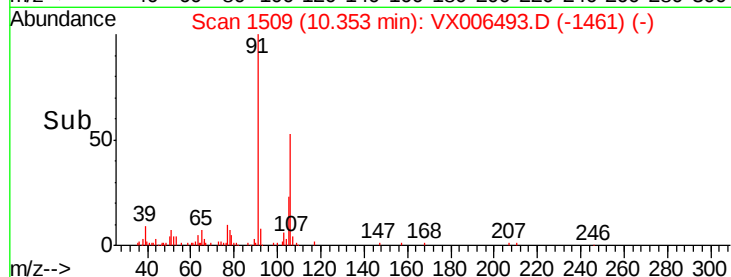
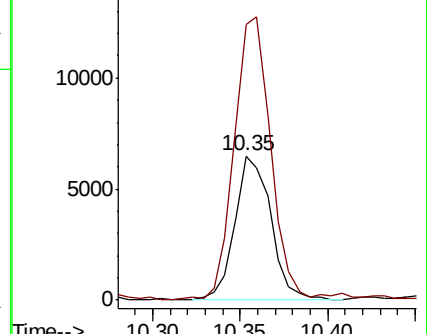
106 100

91 198.1 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.412 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VX006493.D

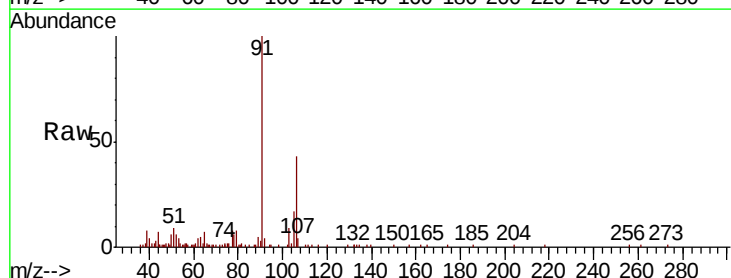
Acq: 13 Dec 2018 14:24

Tgt Ion:106 Resp: 5403

Ion Ratio Lower Upper

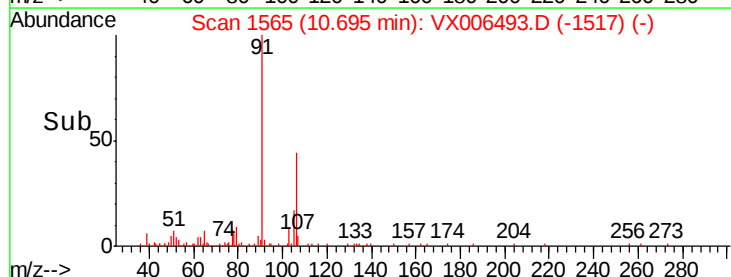
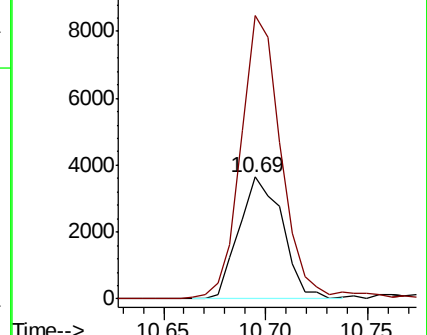
106 100

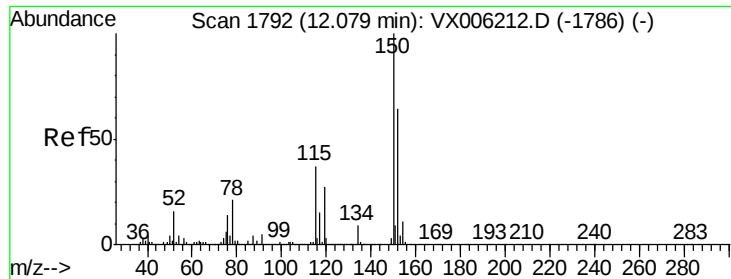
91 217.3 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

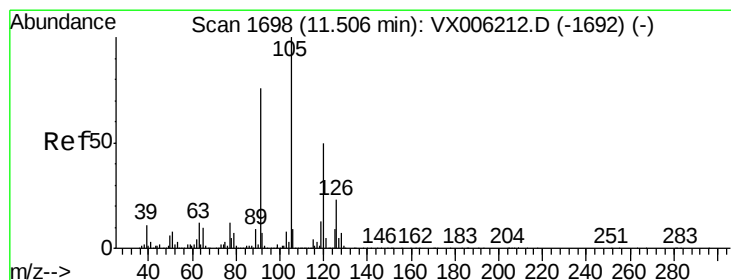
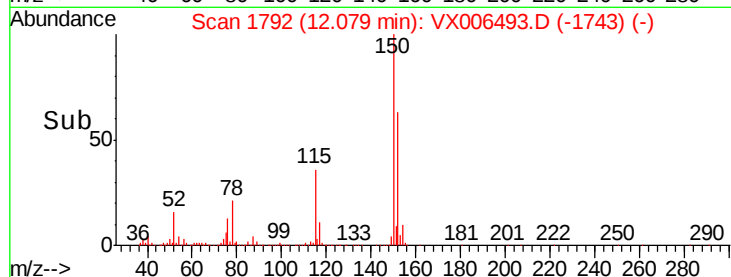
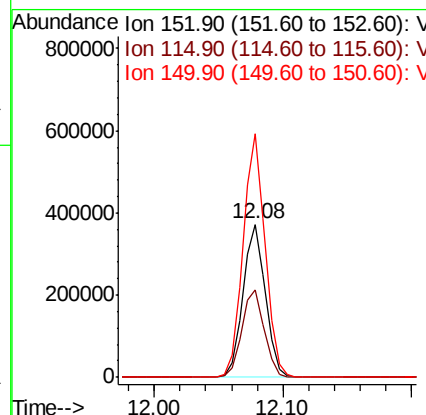
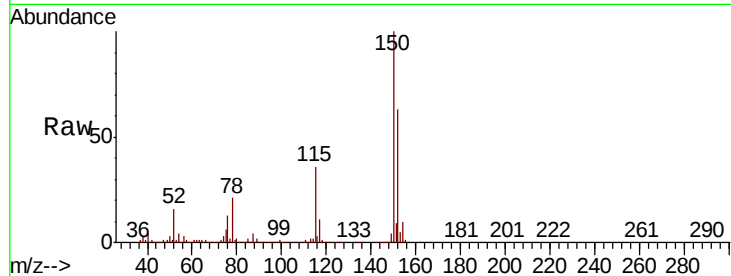




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006493.D
 Acq: 13 Dec 2018 14:24

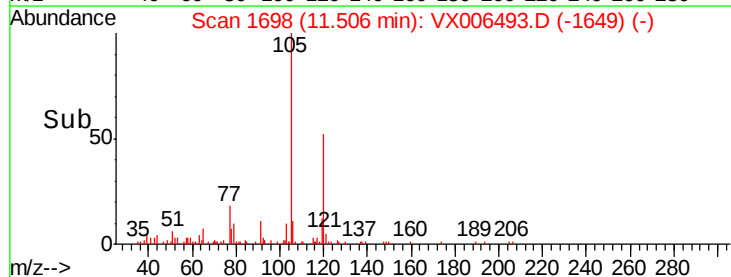
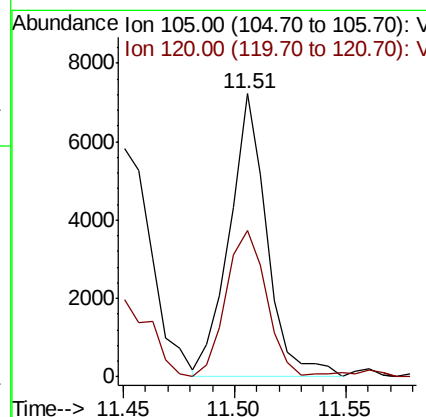
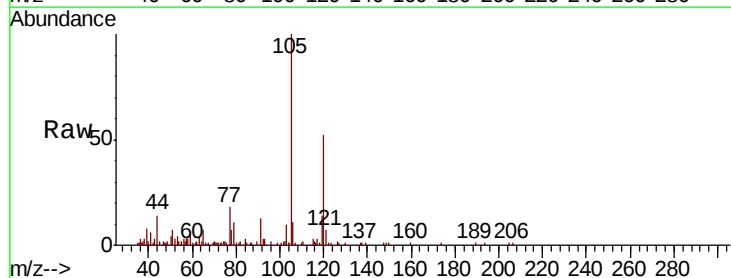
Instrument :
 MSVOA_X
 ClientSampleId :
 SV-27781LDL

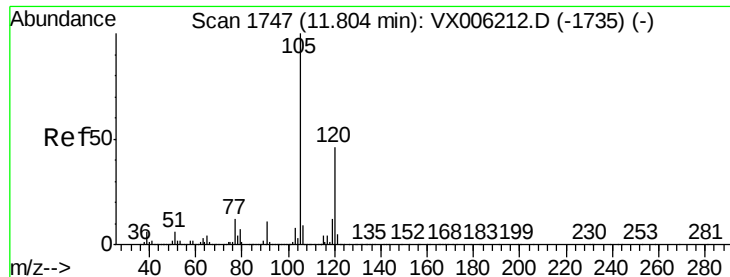
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	157.3	0.0	345.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.331 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006493.D
 Acq: 13 Dec 2018 14:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	56.0	25.4	76.0





#84

1,2,4-Trimethylbenzene

Concen: 1.197 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

Instrument :

MSVOA_X

ClientSampleId :

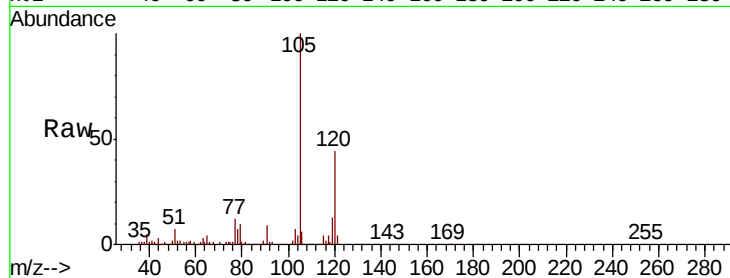
SV-27781LDL

Tot Ion:105 Resp: 31578

Ion Ratio Lower Upper

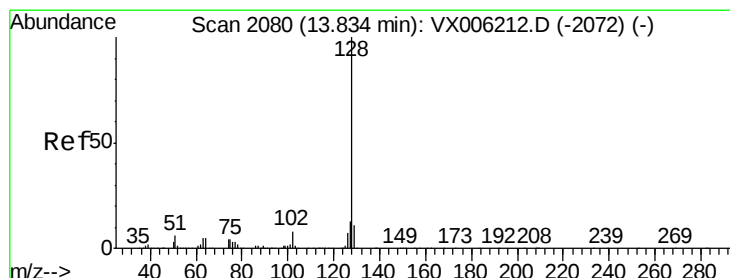
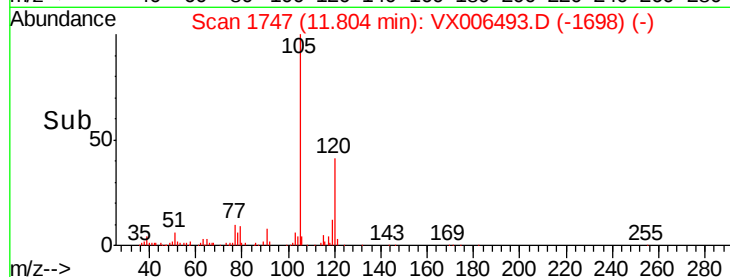
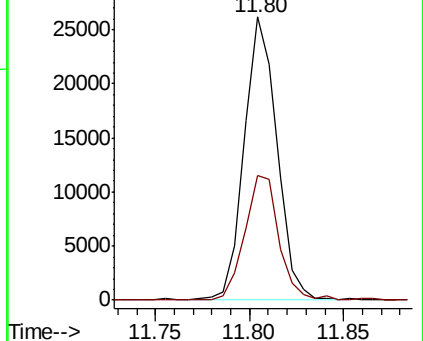
105 100

120 46.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#95

Naphthalene

Concen: 0.514 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006493.D

Acq: 13 Dec 2018 14:24

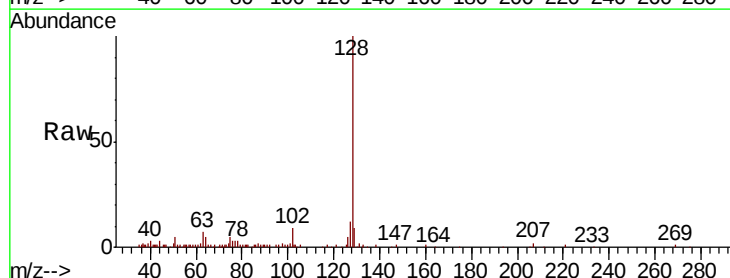
Tgt Ion:128 Resp: 17561

Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

129 14.4 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

