

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041019\
 Data File : VX008829.D
 Acq On : 11 Apr 2019 01:14
 Operator : JC/SP
 Sample : K2316-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-LECHATE-AMND-CS-4

Quant Time: Apr 11 08:22:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

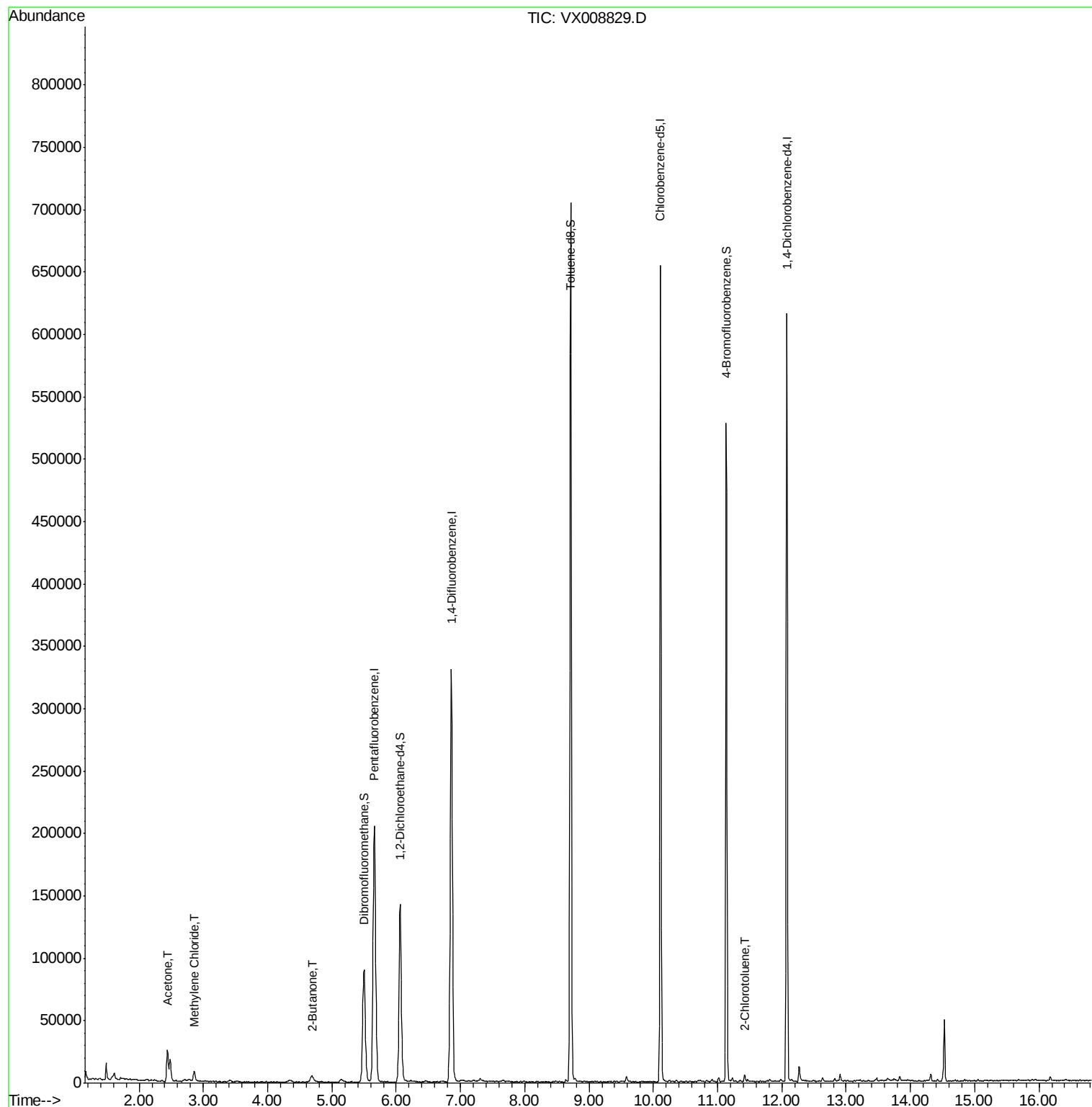
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	321543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	133147	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	79365	38.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.20%	
50) Toluene-d8	8.71	98	402770	49.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.13	95	138356	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
16) Acetone	2.44	43	28073	17.063	ug/l	97
20) Methylene Chloride	2.85	84	3228	1.172	ug/l	97
25) 2-Butanone	4.68	43	5534	2.128	ug/l #	88
79) 2-Chlorotoluene	11.42	91	2448	0.341	ug/l	99

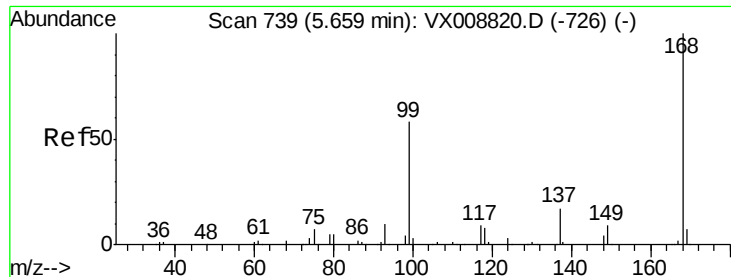
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
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: VX008829.D

Acq: 11 Apr 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

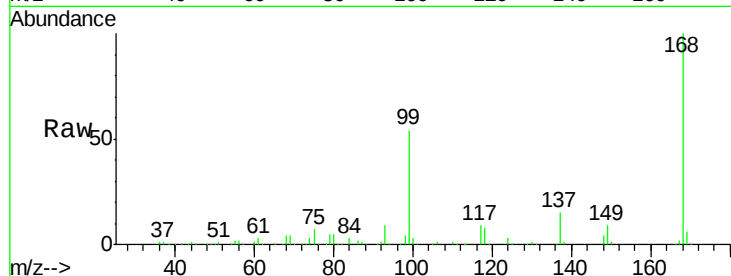
SPLP-LECHATE-AMND-CS-4

Tot Ion:168 Resp: 195846

Ion Ratio Lower Upper

168 100

99 53.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

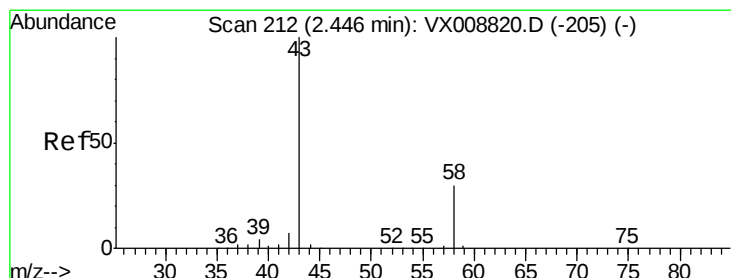
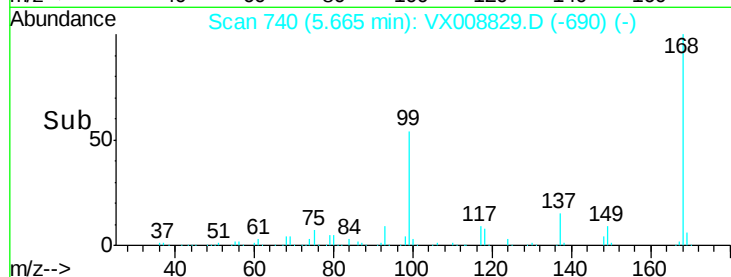
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.063 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008829.D

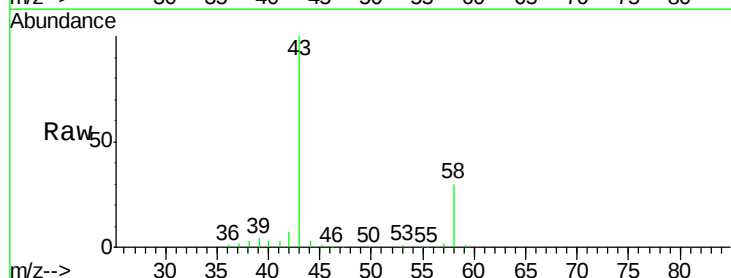
Acq: 11 Apr 2019 01:14

Tgt Ion: 43 Resp: 28073

Ion Ratio Lower Upper

43 100

58 29.5 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

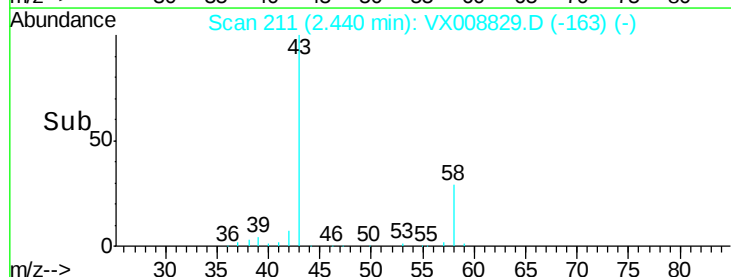
15000

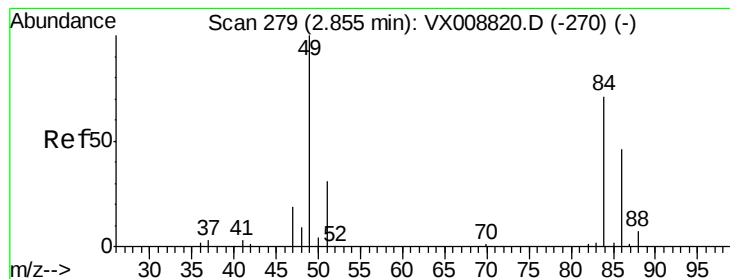
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methvlene Chloride

Concen: 1.172 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008829.D

Acq: 11 Apr 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LECHATE-AMND-CS-4

Tot Ion: 84 Resp: 3228

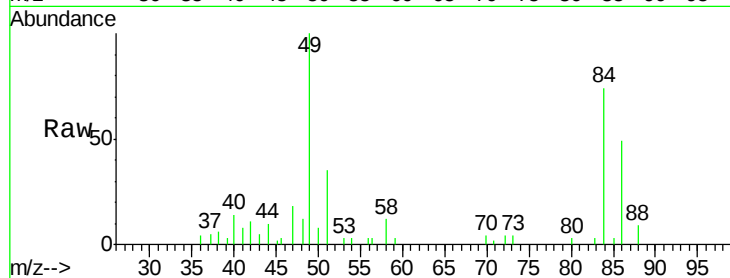
Ion Ratio Lower Upper

84 100

49 134.7 109.7 164.5

51 47.8 33.6 50.4

86 65.9 51.4 77.2

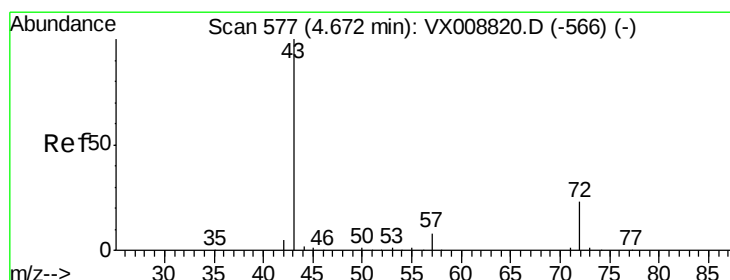
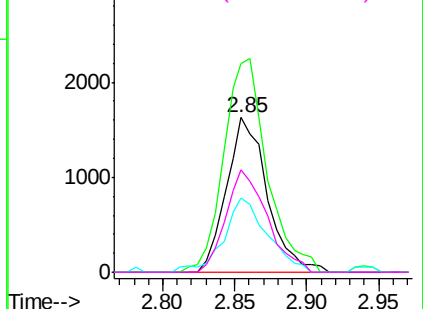
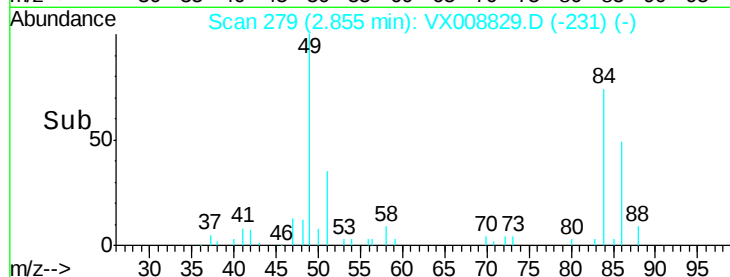


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 2.128 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008829.D

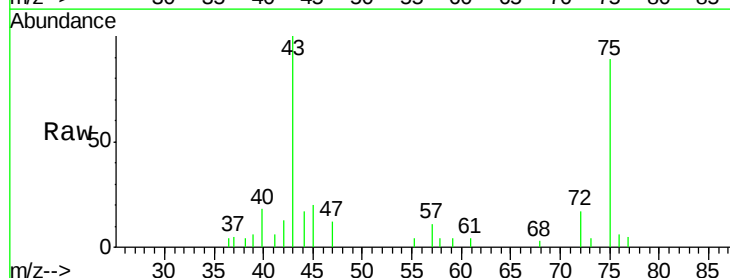
Acq: 11 Apr 2019 01:14

Tgt Ion: 43 Resp: 5534

Ion Ratio Lower Upper

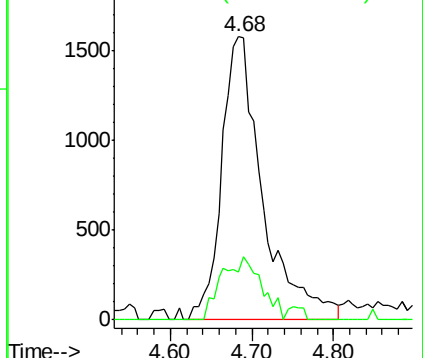
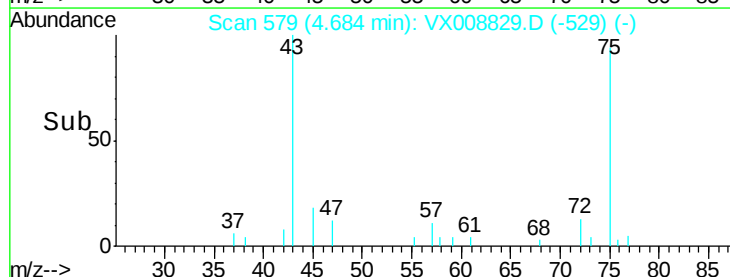
43 100

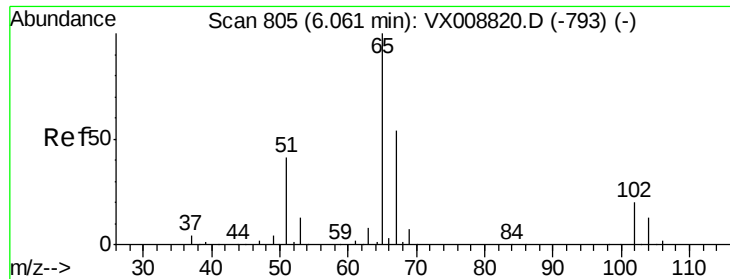
72 16.9 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

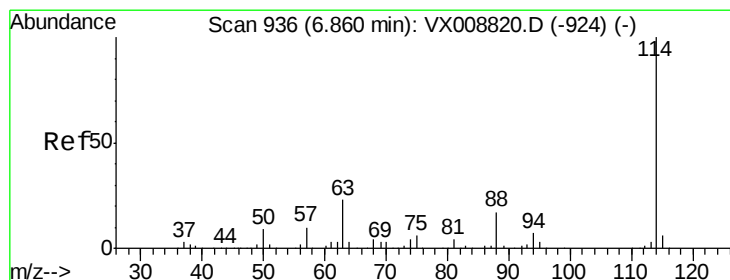
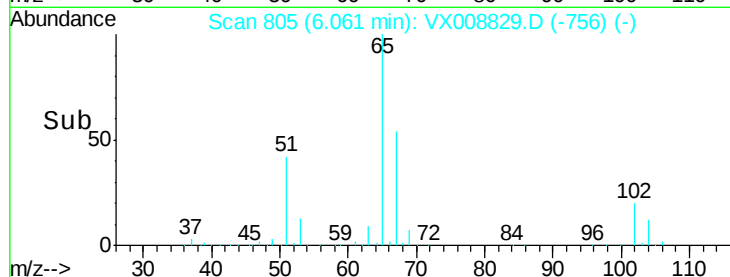
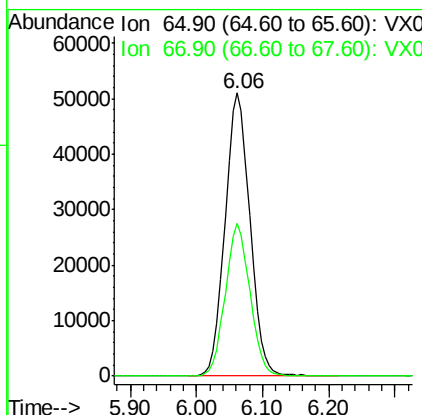
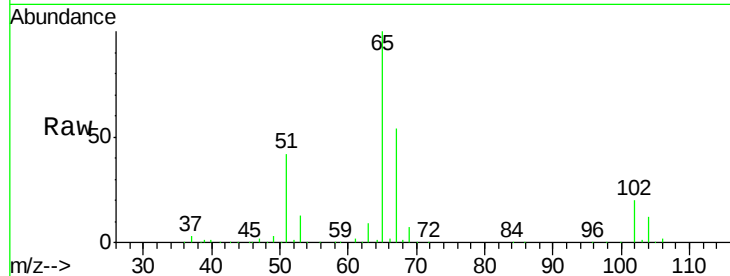




#33
 1,2-Dichloroethane-d4
 Concen: 46.611 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008829.D
 Acq: 11 Apr 2019 01:14

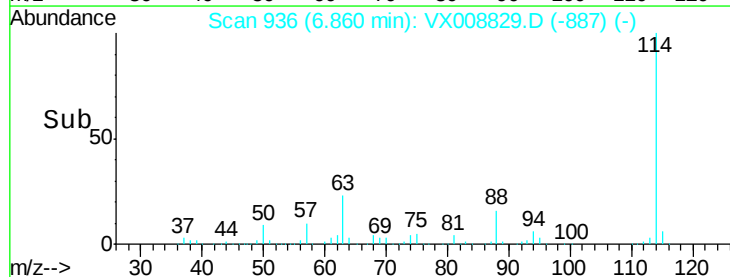
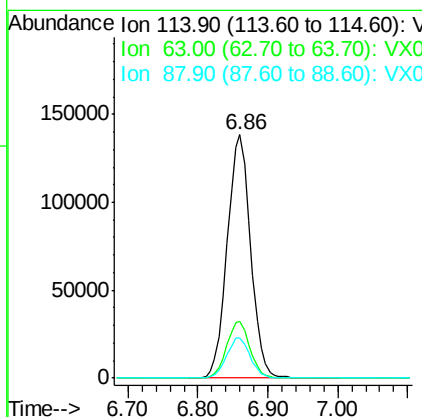
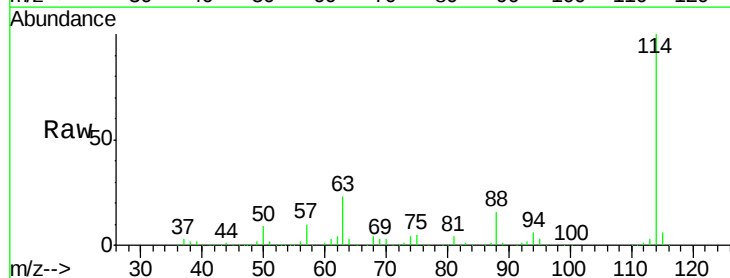
Instrument :
 MSVOA_X
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 SPLP-LECHATE-AMND-CS-4

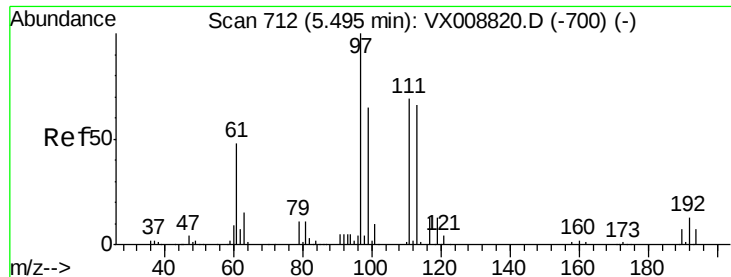
Tot Ion: 65 Resp: 133147
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008829.D
 Acq: 11 Apr 2019 01:14

Tgt Ion: 114 Resp: 321543
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.4 0.0 34.0

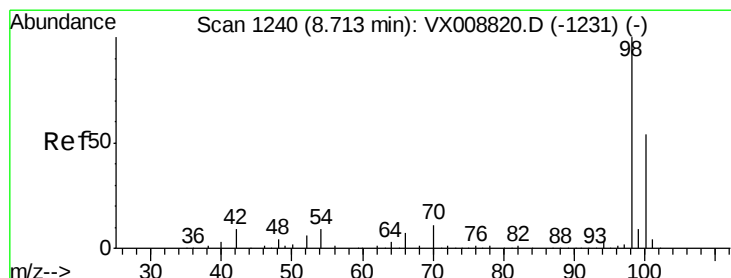
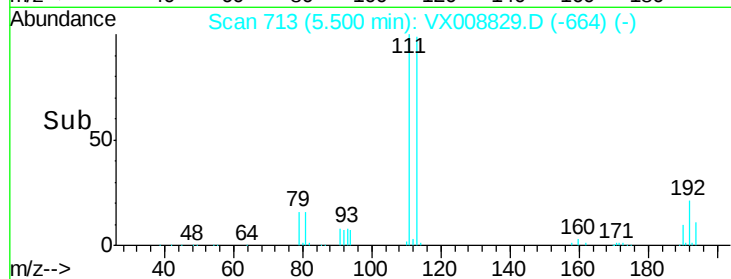
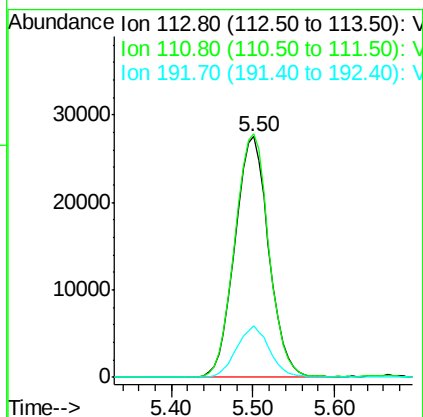
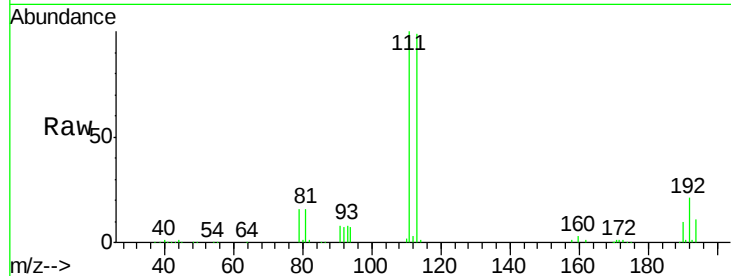




#35
 Dibromofluoromethane
 Concen: 38.605 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008829.D
 Acq: 11 Apr 2019 01:14

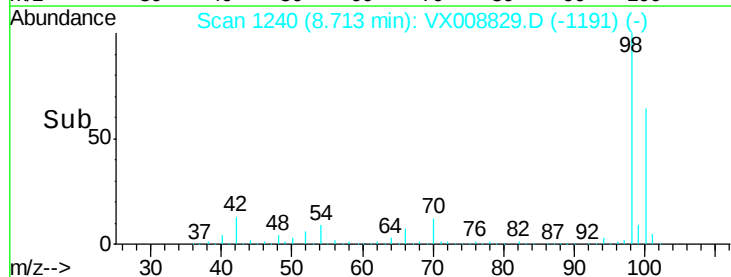
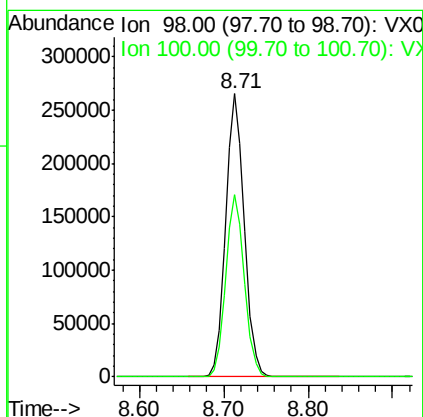
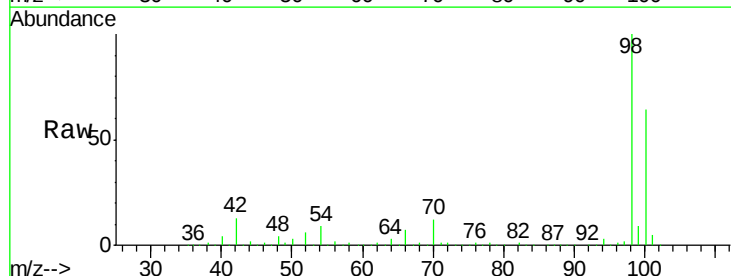
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-LECHATE-AMND-CS-4

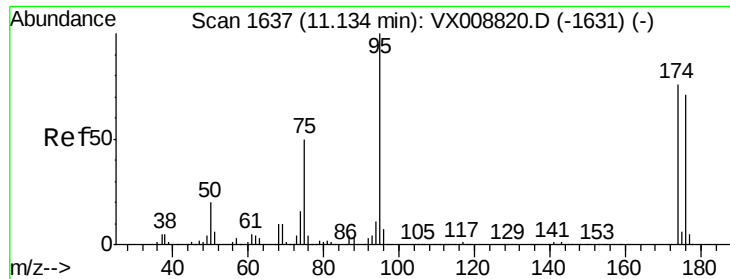
Tot Ion:113 Resp: 79365
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.2
 192 20.8 16.1 24.1



#50
 Toluene-d8
 Concen: 49.204 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008829.D
 Acq: 11 Apr 2019 01:14

Tgt Ion: 98 Resp: 402770
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.4 77.0





#62

4-Bromofluorobenzene

Concen: 47.663 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008829.D

Acq: 11 Apr 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LECHATE-AMND-CS-4

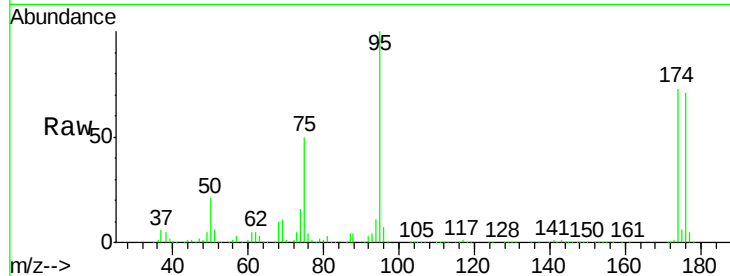
Tot Ion: 95 Resp: 138356

Ion Ratio Lower Upper

95 100

174 77.8 0.0 151.8

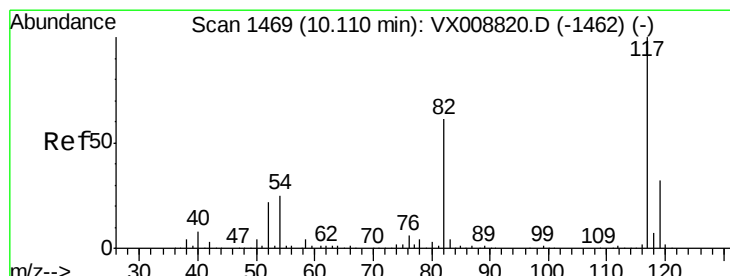
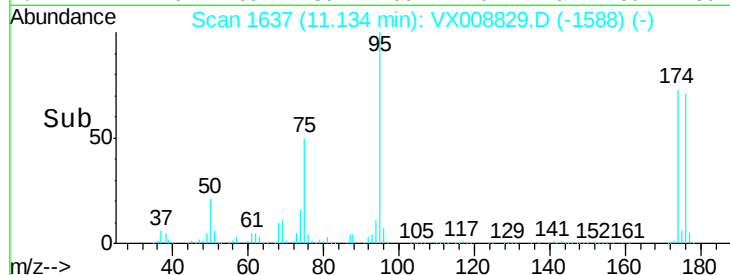
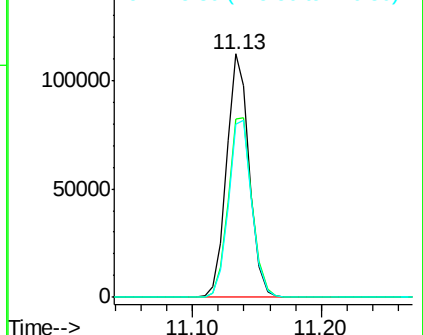
176 74.9 0.0 145.8



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008829.D

Acq: 11 Apr 2019 01:14

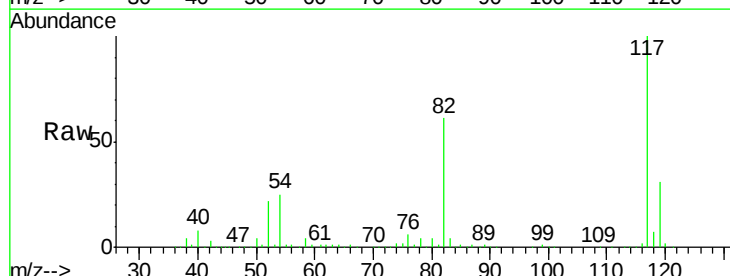
Tgt Ion: 117 Resp: 283578

Ion Ratio Lower Upper

117 100

82 60.7 49.6 74.4

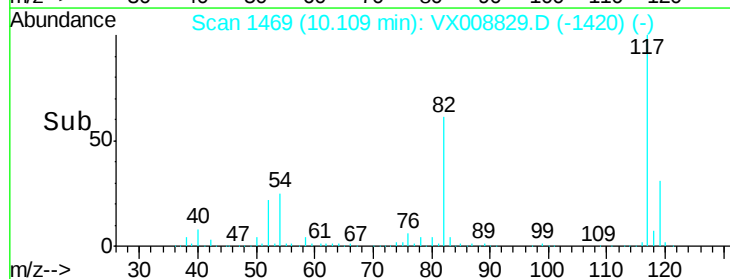
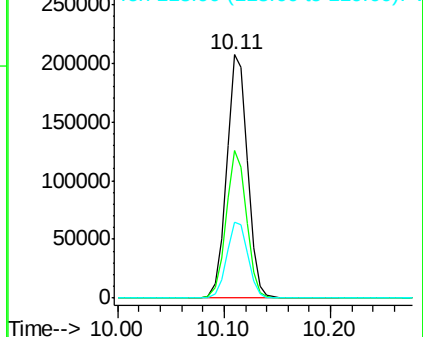
119 31.3 25.0 37.4

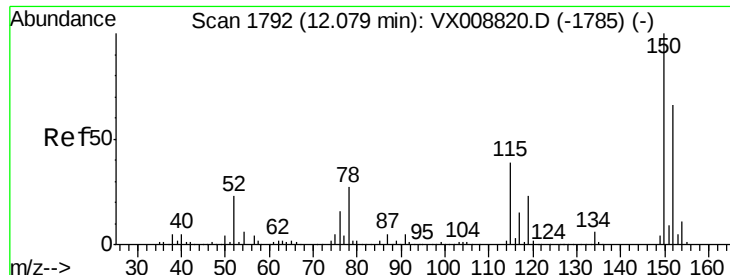


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008829.D

Acq: 11 Apr 2019 01:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LECHATE-AMND-CS-4

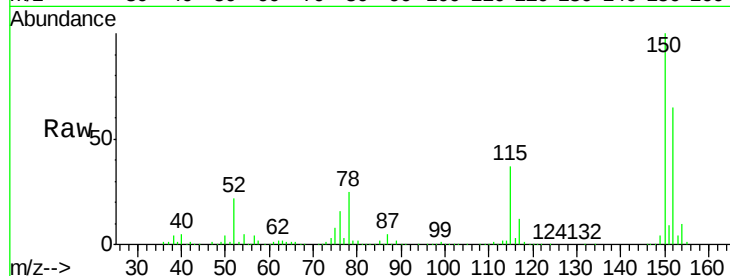
Tot Ion:152 Resp: 123039

Ion Ratio Lower Upper

152 100

115 59.2 43.5 130.5

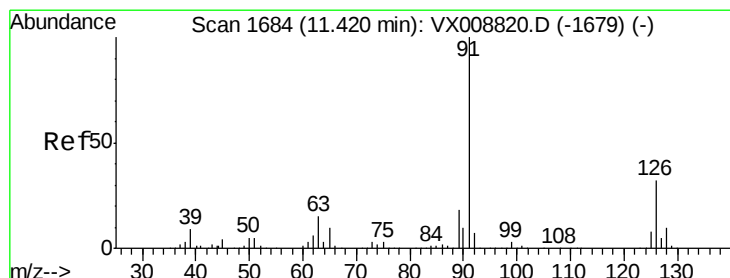
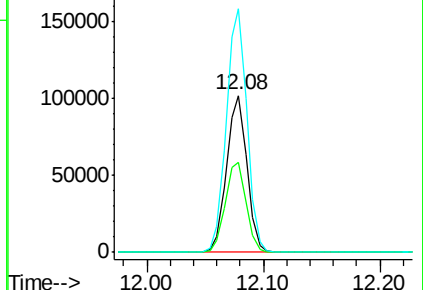
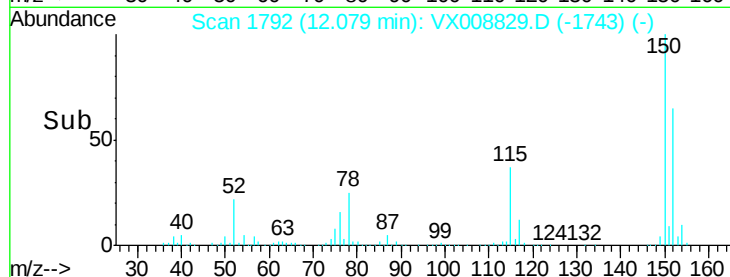
150 157.1 0.0 348.8



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



#79

2-Chlorotoluene

Concen: 0.341 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008829.D

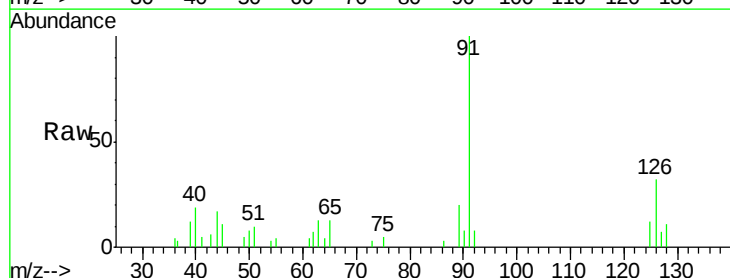
Acq: 11 Apr 2019 01:14

Tgt Ion: 91 Resp: 2448

Ion Ratio Lower Upper

91 100

126 32.9 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

