

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020519\
 Data File : VX007371.D
 Acq On : 05 Feb 2019 12:45
 Operator : JC/SP
 Sample : K1299-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-2

Quant Time: Feb 06 00:48:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

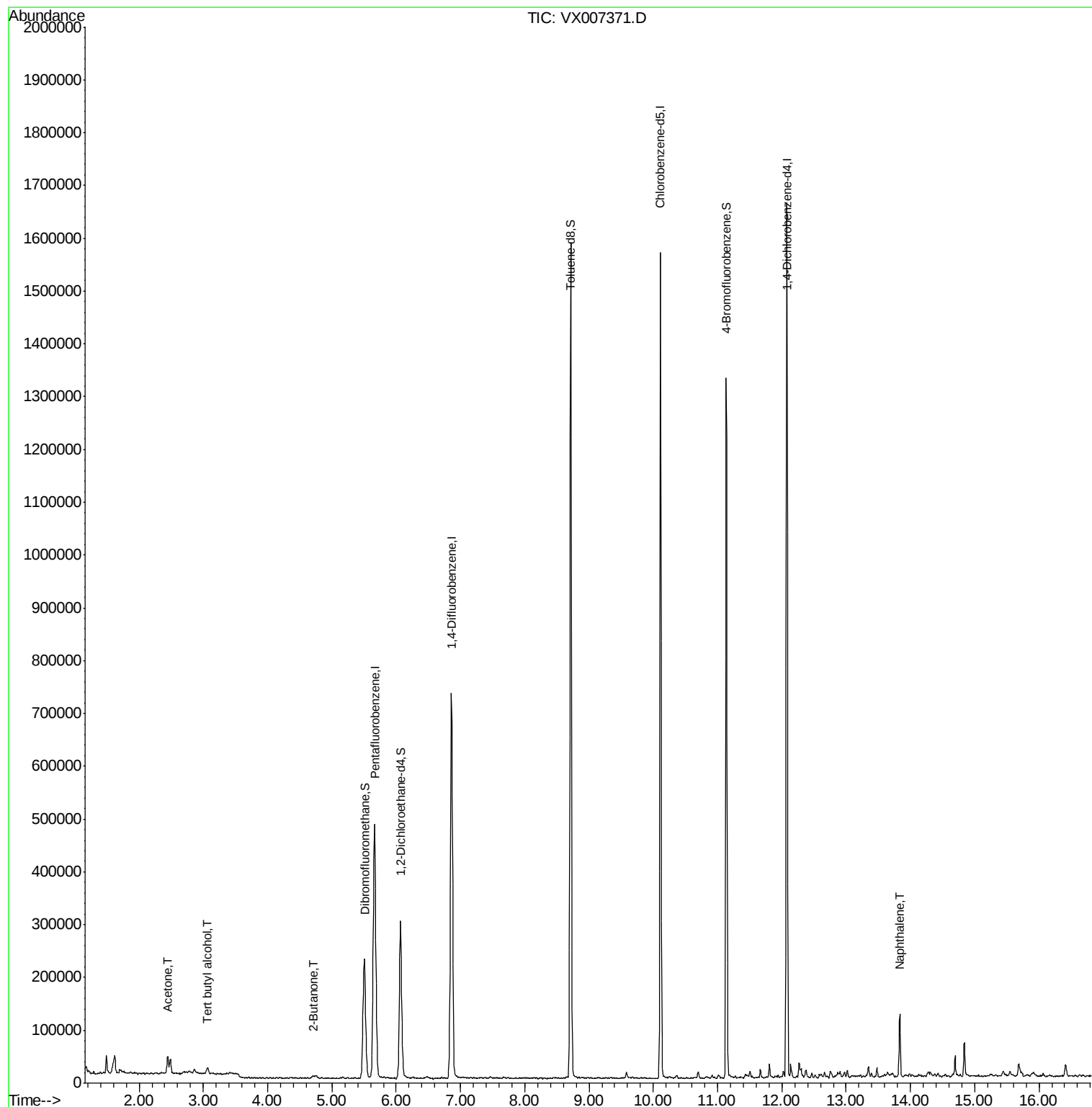
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	500162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	774736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	364688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269843	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	5.50	113	193256	38.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.68%	
50) Toluene-d8	8.71	98	937987	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	335842	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.07	59	14413	13.119	ug/l #	88
16) Acetone	2.45	43	38783	15.948	ug/l	98
25) 2-Butanone	4.71	43	8076	2.334	ug/l	97
95) Naphthalene	13.83	128	78653	3.198	ug/l	99

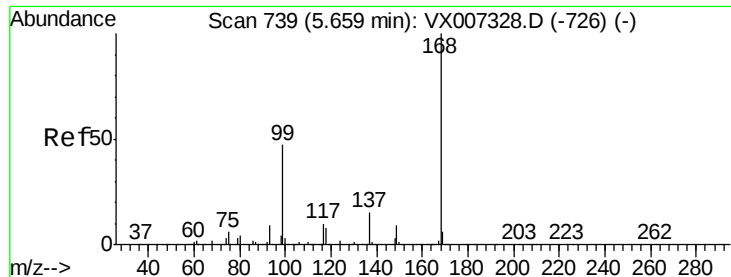
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

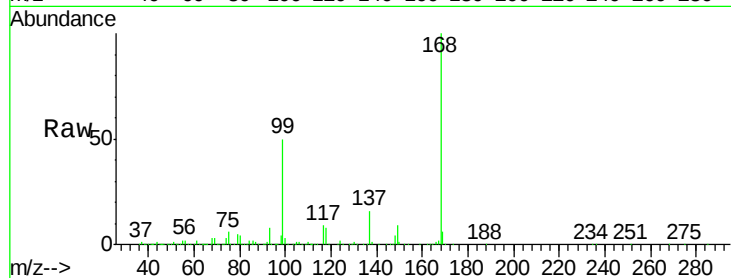
SPLP-LEACH-AMND-COMP-2

Tot Ion:168 Resp: 500162

Ion Ratio Lower Upper

168 100

99 49.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

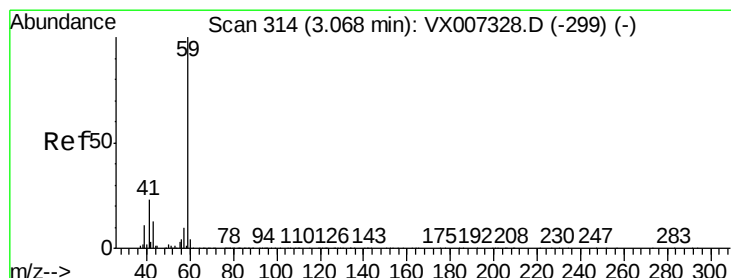
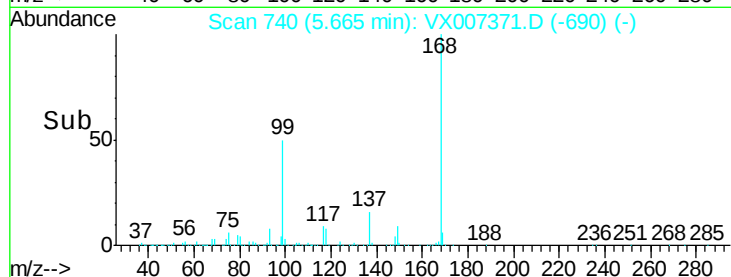
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 13.119 ug/l

RT: 3.07 min Scan# 314

Delta R.T. 0.00 min

Lab File: VX007371.D

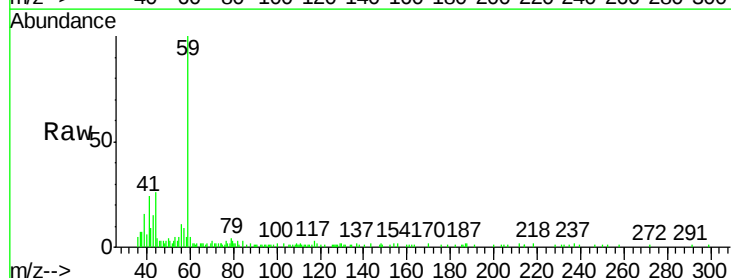
Acq: 05 Feb 2019 12:45

Tgt Ion: 59 Resp: 14413

Ion Ratio Lower Upper

59 100

57 14.4 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

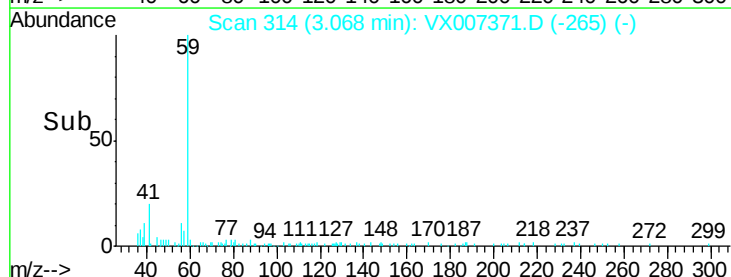
6000

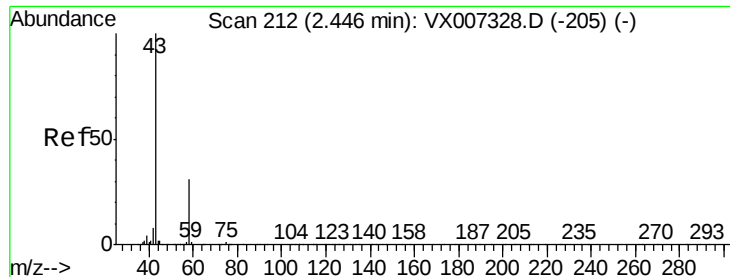
4000

2000

0

Time--> 3.00 3.10 3.20

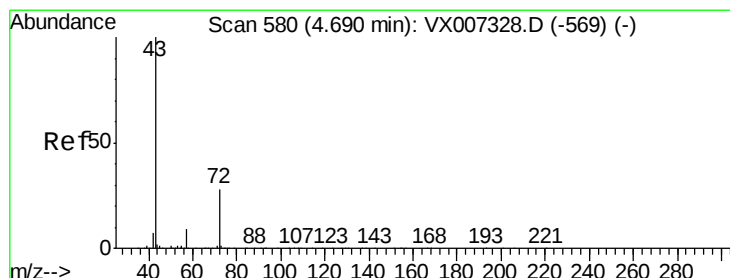
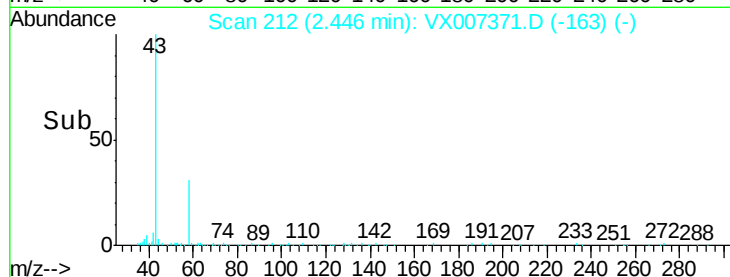
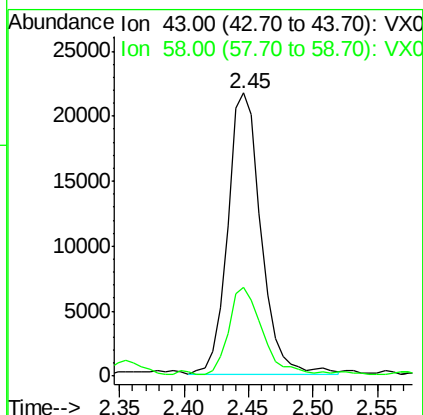
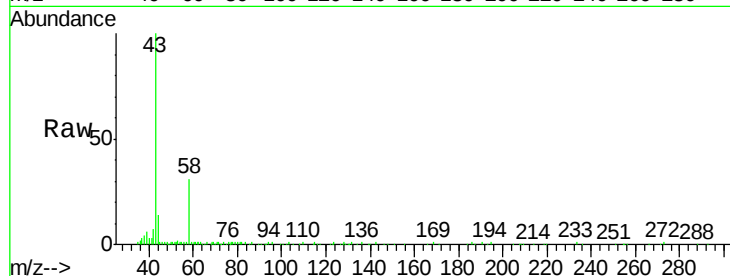




#16
Acetone
Concen: 15.948 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007371.D
Acq: 05 Feb 2019 12:45

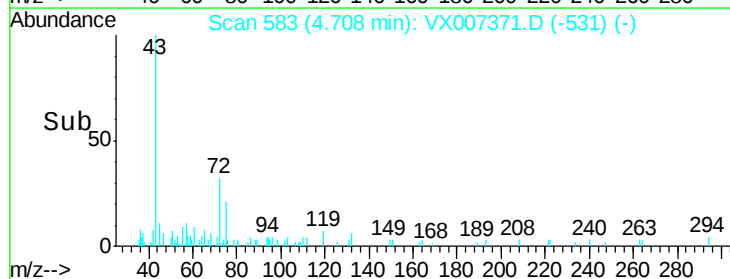
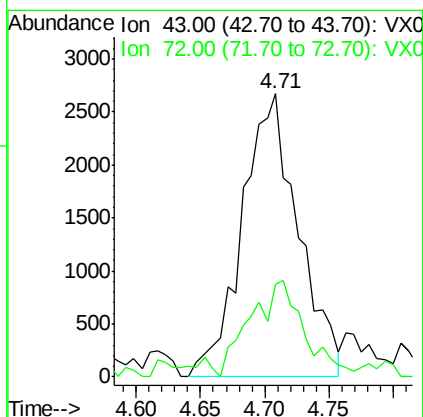
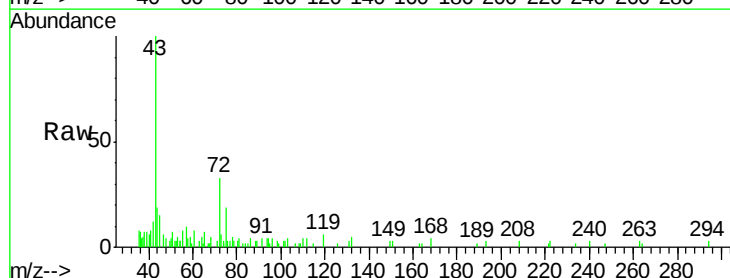
Instrument :
MSVOA_X
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

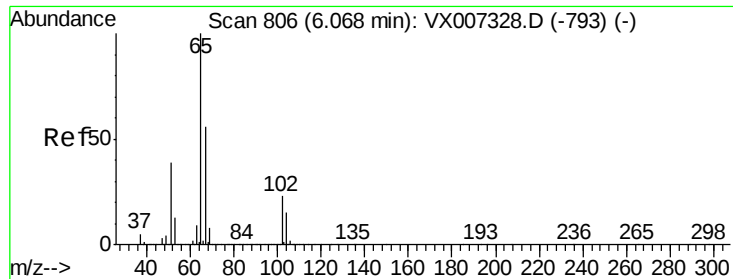
Tot Ion: 43 Resp: 38783
Ion Ratio Lower Upper
43 100
58 30.2 24.9 37.3



#25
2-Butanone
Concen: 2.334 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX007371.D
Acq: 05 Feb 2019 12:45

Tgt Ion: 43 Resp: 8076
Ion Ratio Lower Upper
43 100
72 29.3 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 50.829 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

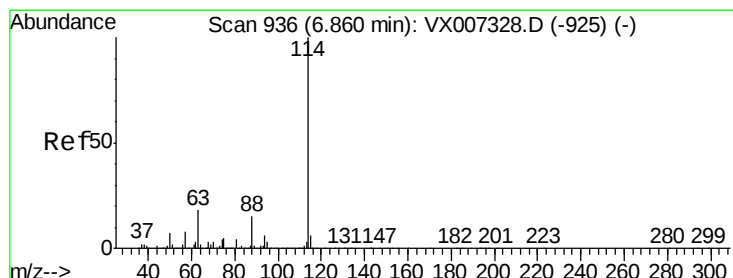
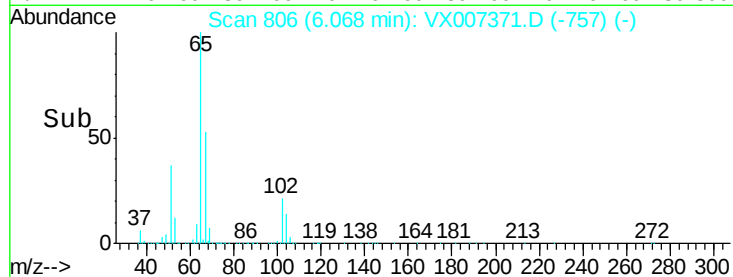
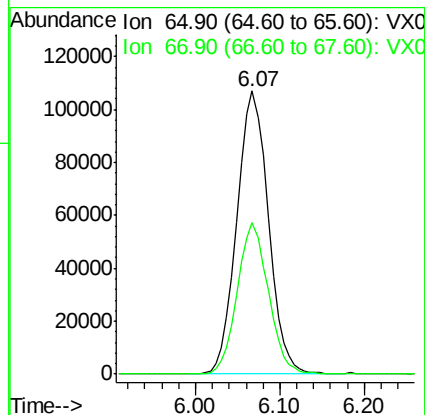
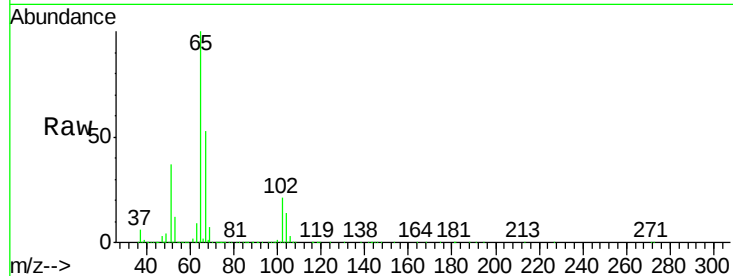
SPLP-LEACH-AMND-COMP-2

Tot Ion: 65 Resp: 269843

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

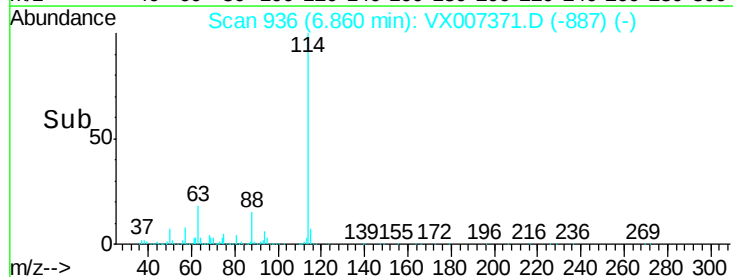
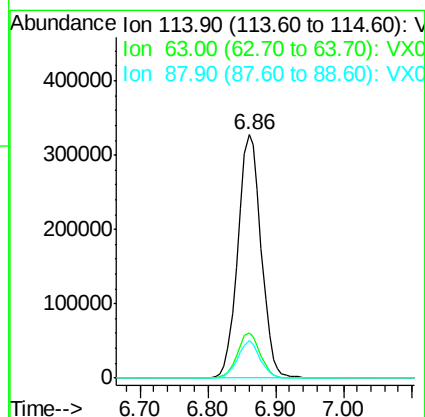
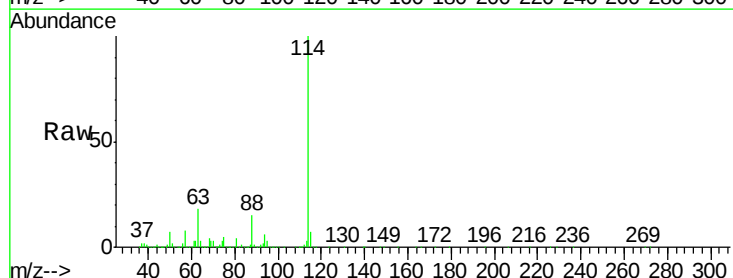
Tgt Ion: 114 Resp: 774736

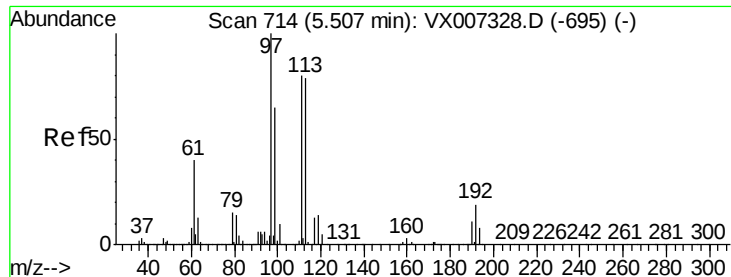
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

88 15.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 38.337 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

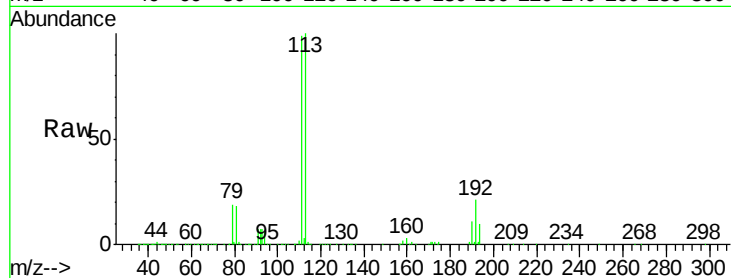
Tot Ion:113 Resp: 193256

Ion Ratio Lower Upper

113 100

111 100.8 81.8 122.8

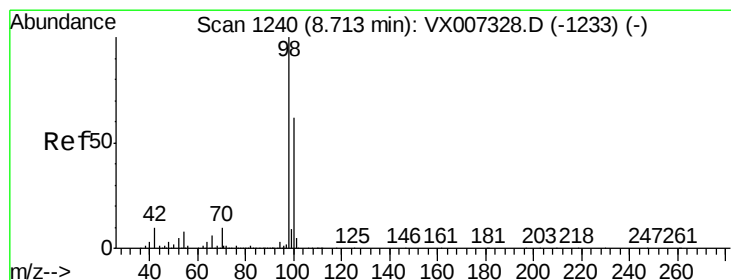
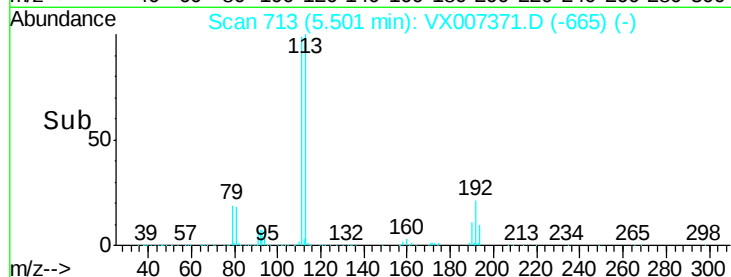
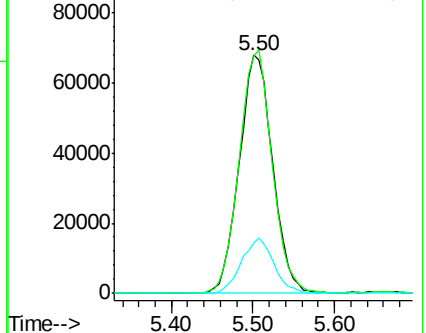
192 22.5 18.5 27.7



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: 50.152 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007371.D

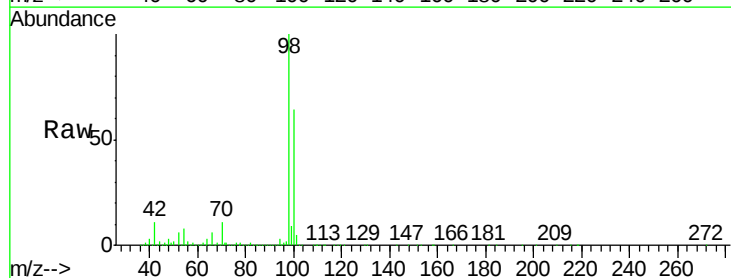
Acq: 05 Feb 2019 12:45

Tgt Ion: 98 Resp: 937987

Ion Ratio Lower Upper

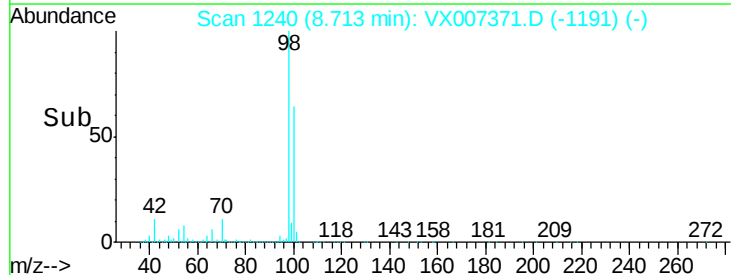
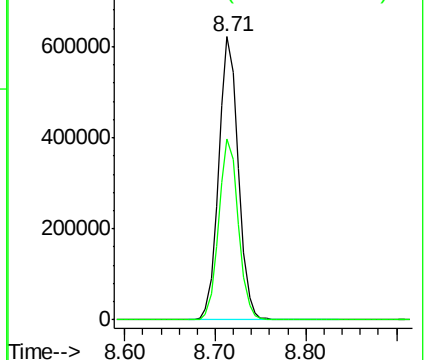
98 100

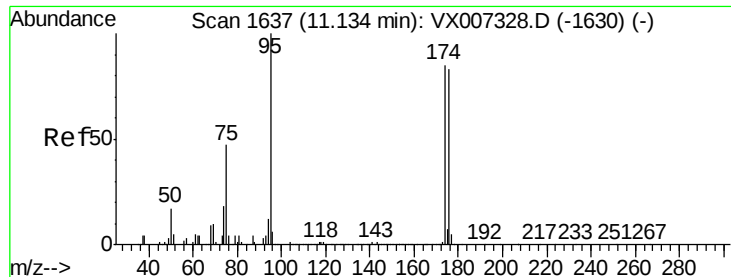
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 49.183 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

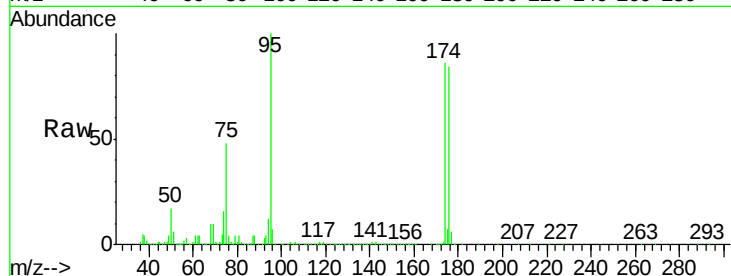
Tot Ion: 95 Resp: 335842

Ion Ratio Lower Upper

95 100

174 91.7 0.0 189.2

176 89.0 0.0 186.2

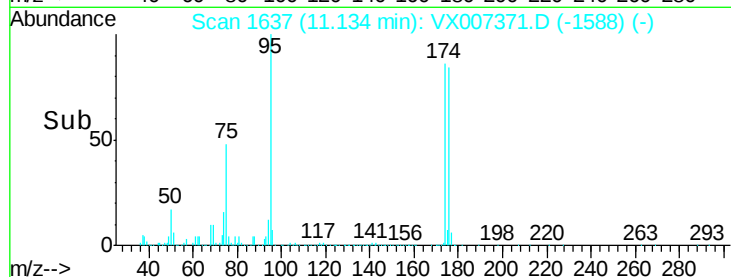


Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)

Time-->

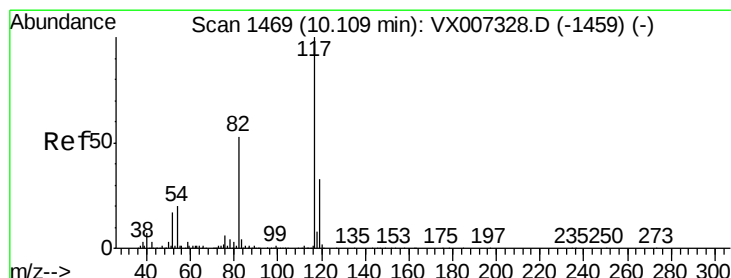


Abundance Ion 94.90 (94.60 to 95.60): VX007371.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX007371.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX007371.D (-1588) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

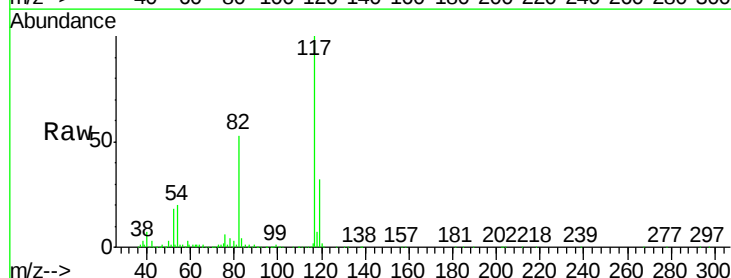
Tgt Ion: 117 Resp: 733073

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

119 31.8 26.5 39.7

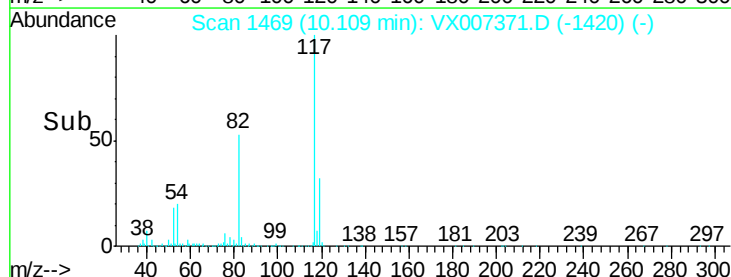


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)

Time-->

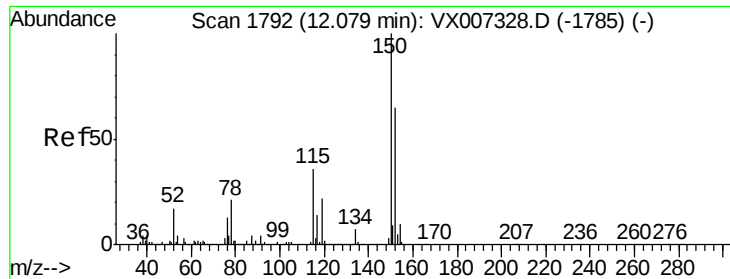


Abundance Ion 116.90 (116.60 to 117.60): VX007371.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX007371.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX007371.D (-1420) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

Instrument :

MSVOA_X

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

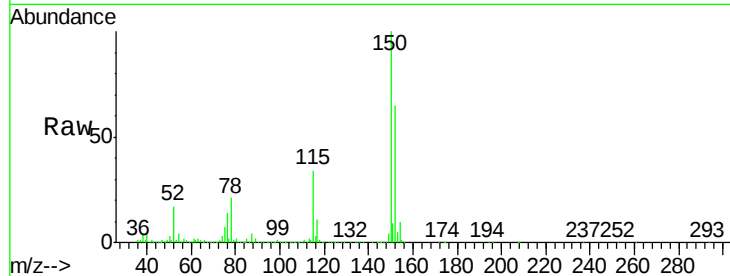
Tot Ion:152 Resp: 364688

Ion Ratio Lower Upper

152 100

115 54.6 38.0 114.0

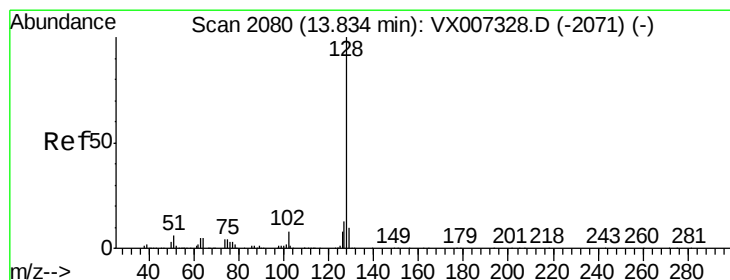
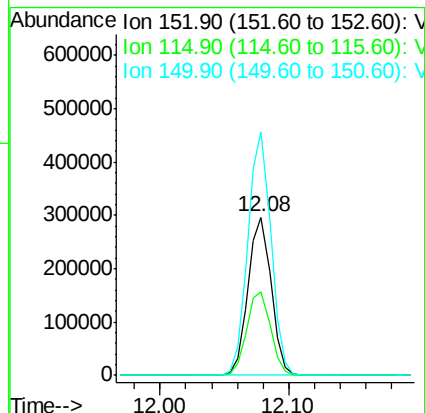
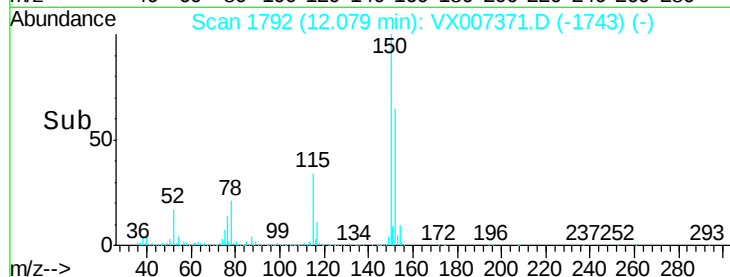
150 153.7 0.0 346.4



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: 3.198 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007371.D

Acq: 05 Feb 2019 12:45

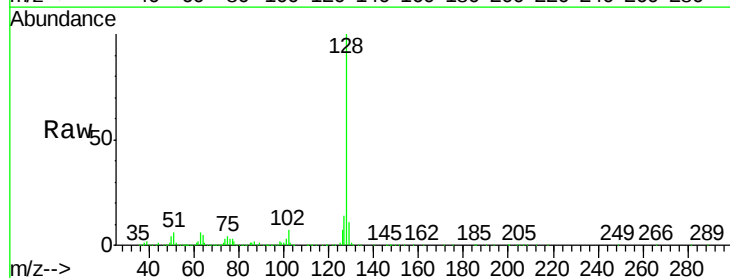
Tgt Ion:128 Resp: 78653

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.3 8.7 13.1



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

