

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004941.D
 Acq On : 03 Oct 2018 01:16
 Operator : JC/MD
 Sample : J5170-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-4

Quant Time: Oct 03 07:21:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

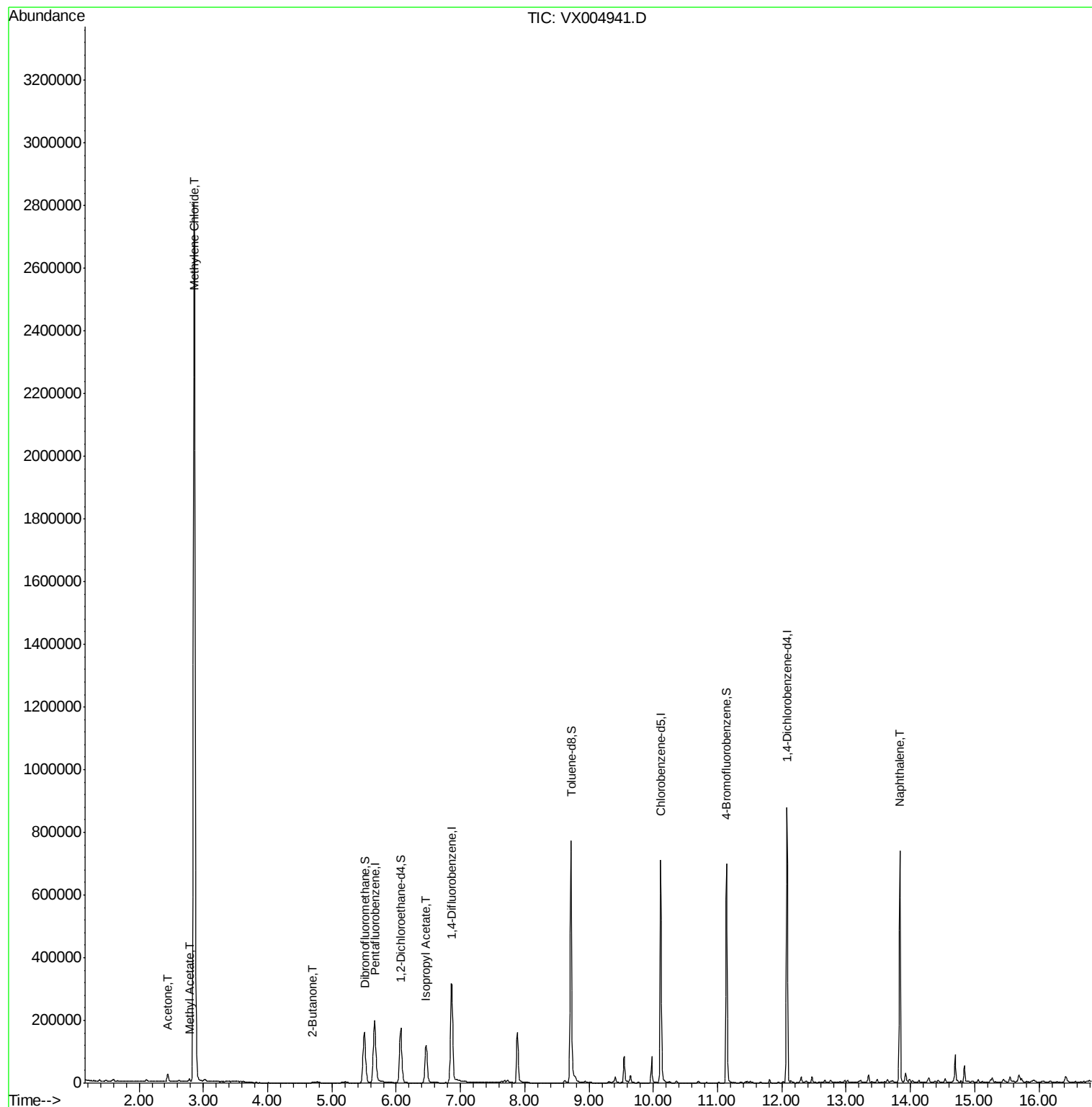
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207021	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	341698	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	164451	55.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.22%	
35) Dibromofluoromethane	5.50	113	136398	47.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.20%	
50) Toluene-d8	8.72	98	496146	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.14	95	175661	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
Target Compounds						
16) Acetone	2.45	43	26948	15.608	ug/l	95
18) Methyl Acetate	2.78	43	9033	2.065	ug/l	100
20) Methylene Chloride	2.85	84	1272445	514.690	ug/l	88
25) 2-Butanone	4.70	43	6940	2.727	ug/l	97
43) Isopropyl Acetate	6.46	43	166616	22.010	ug/l	97
95) Naphthalene	13.83	128	432591	28.345	ug/l	100

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

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QLast Update : Wed Oct 03 04:00:03 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampled :

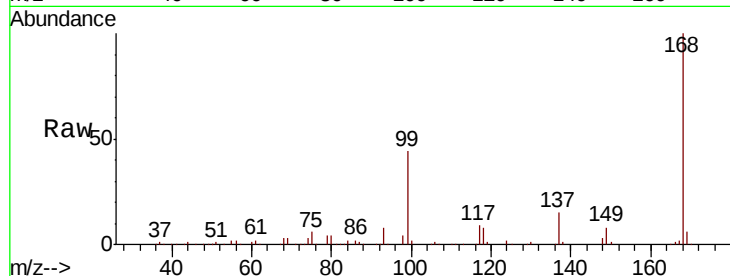
HC-SOIL-4

Tot Ion:168 Resp: 207021

Ion Ratio Lower Upper

168 100

99 44.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

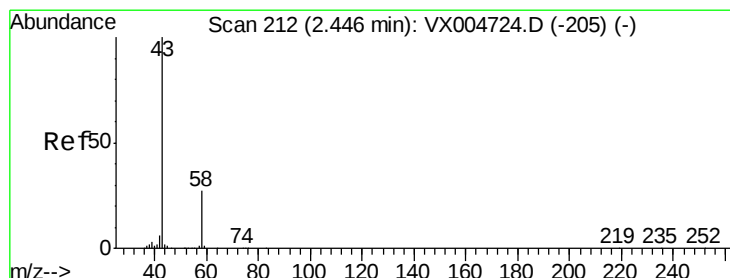
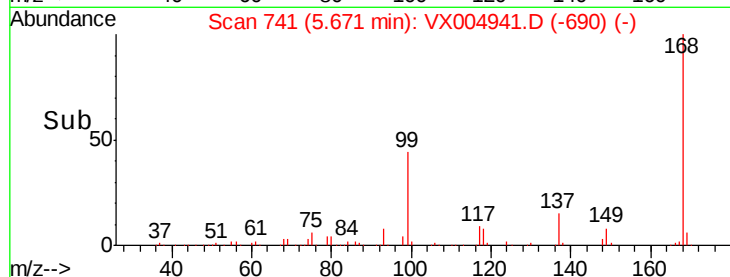
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 15.608 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004941.D

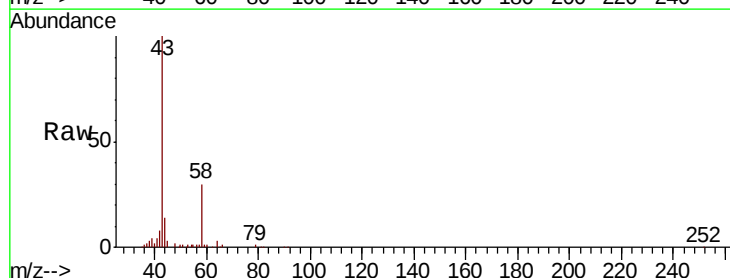
Acq: 03 Oct 2018 01:16

Tgt Ion: 43 Resp: 26948

Ion Ratio Lower Upper

43 100

58 30.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

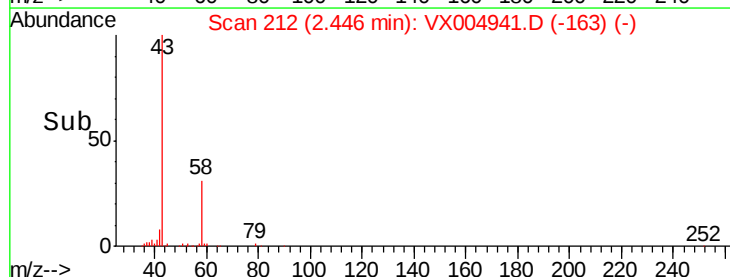
15000

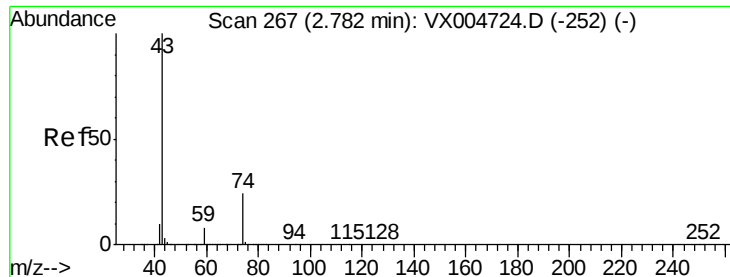
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 2.065 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

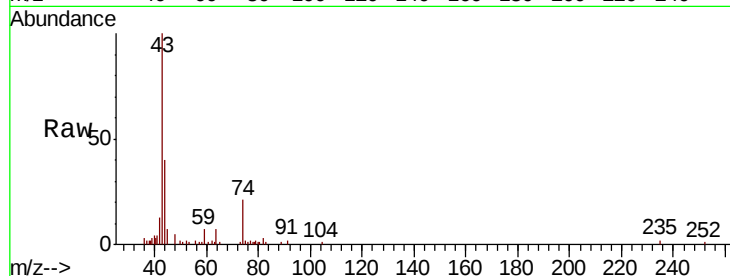
HC-SOIL-4

Tot Ion: 43 Resp: 9033

Ion Ratio Lower Upper

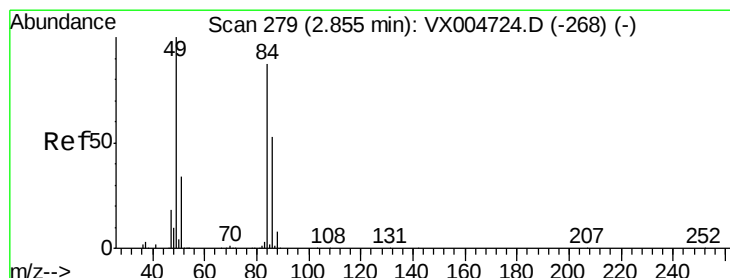
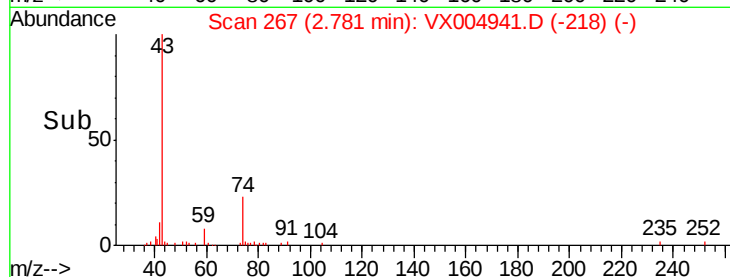
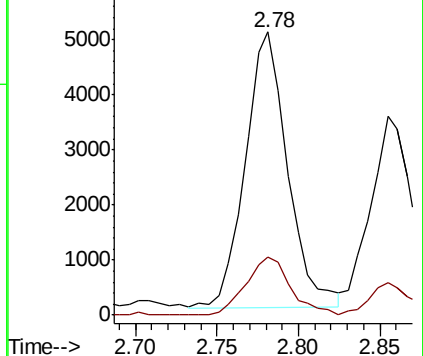
43 100

74 22.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 514.690 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Tgt Ion: 84 Resp: 1272445

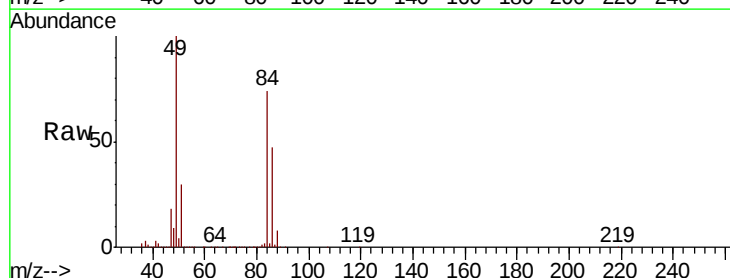
Ion Ratio Lower Upper

84 100

49 135.7 92.3 138.5

51 41.3 31.8 47.6

86 64.0 48.5 72.7

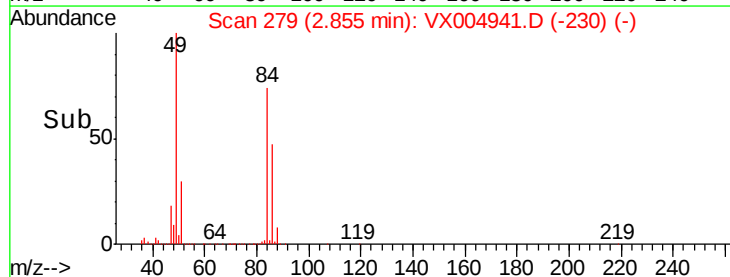
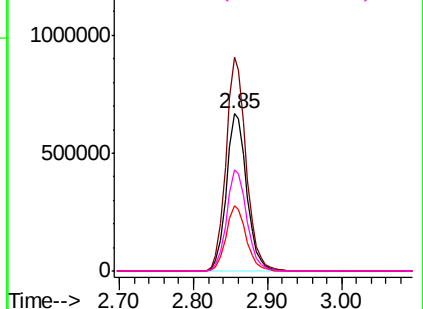


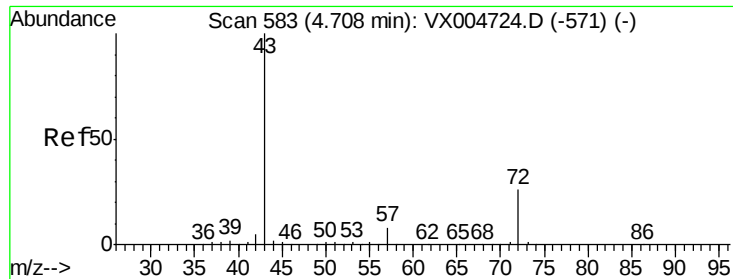
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

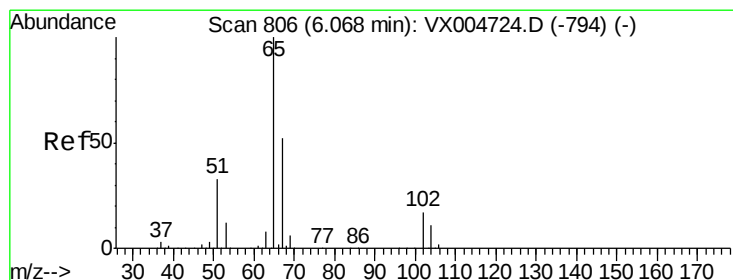
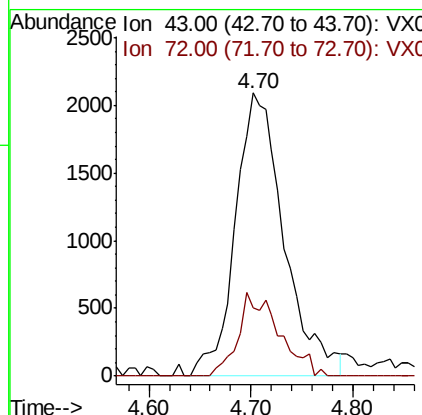
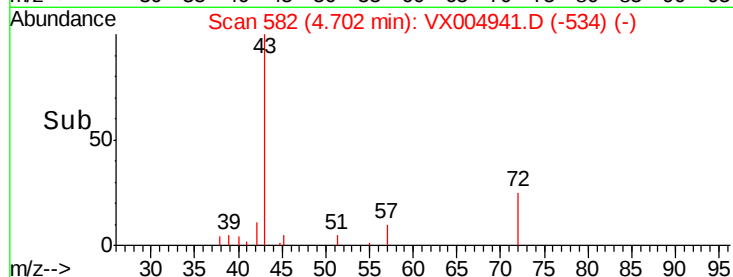
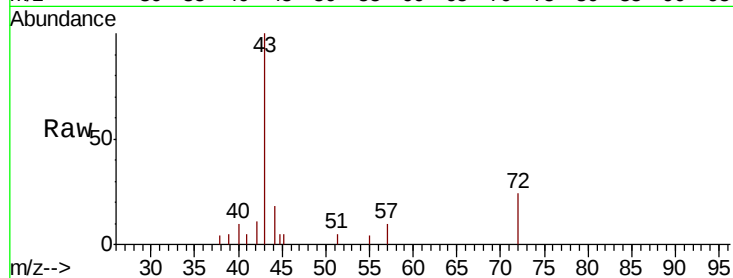




#25
2-Butanone
Concen: 2.727 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

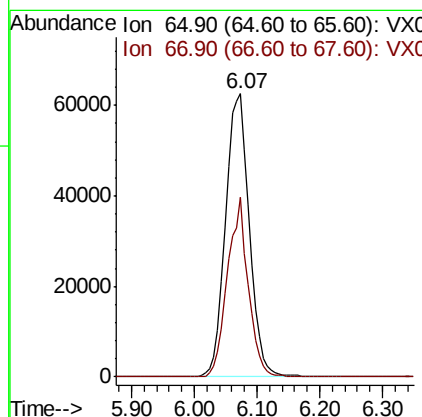
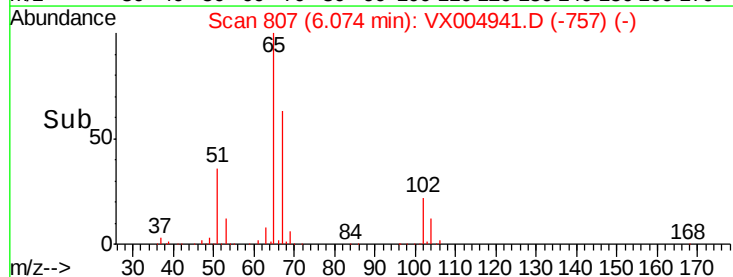
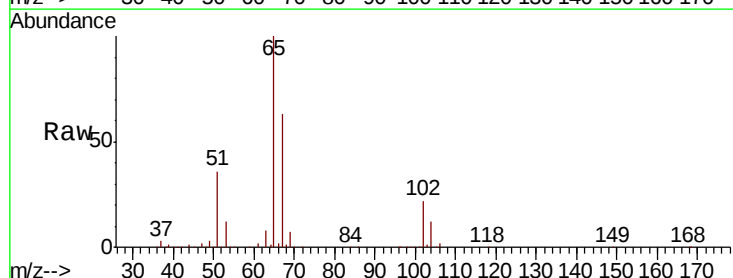
Instrument :
MSVOA_X
ClientSampleId :
HC-SOIL-4

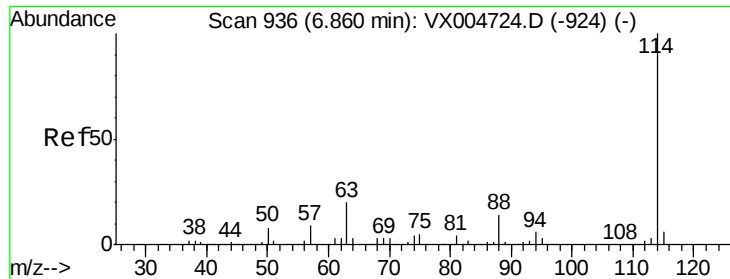
Tot Ion: 43 Resp: 6940
Ion Ratio Lower Upper
43 100
72 24.3 20.8 31.2



#33
1,2-Dichloroethane-d4
Concen: 55.608 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion: 65 Resp: 164451
Ion Ratio Lower Upper
65 100
67 55.6 0.0 107.4

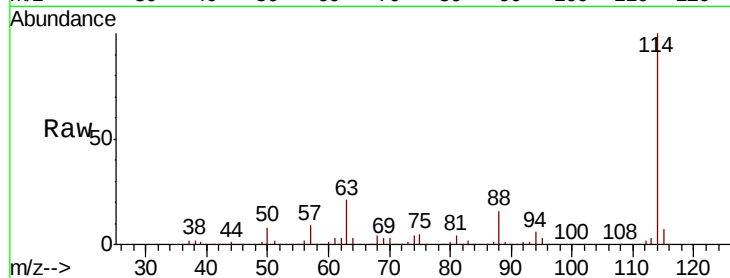




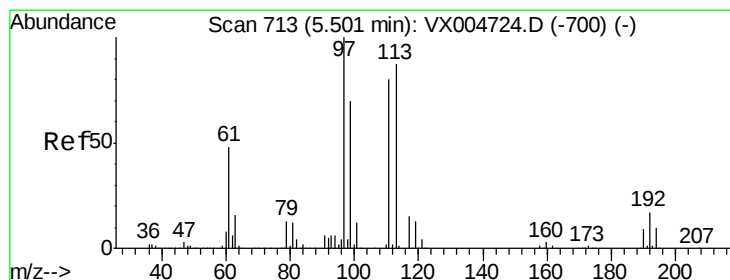
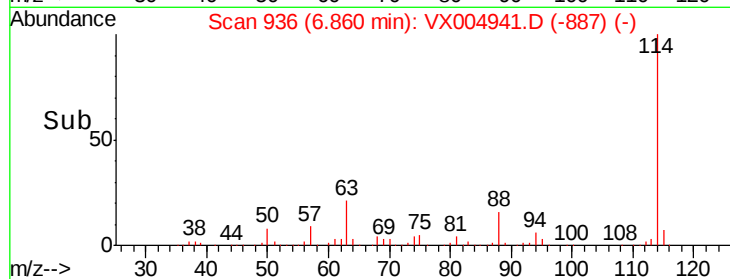
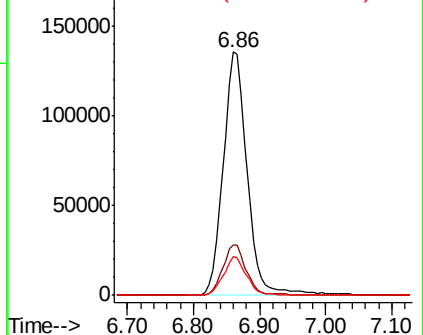
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Instrument :
 MSVOA_X
 ClientSampleId :
 HC-SOIL-4

Tot Ion:114 Resp: 341698
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.9 0.0 27.0

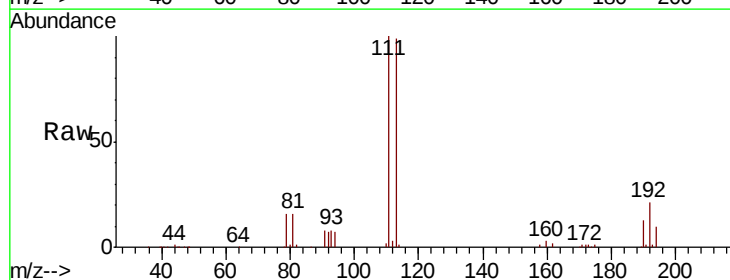


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

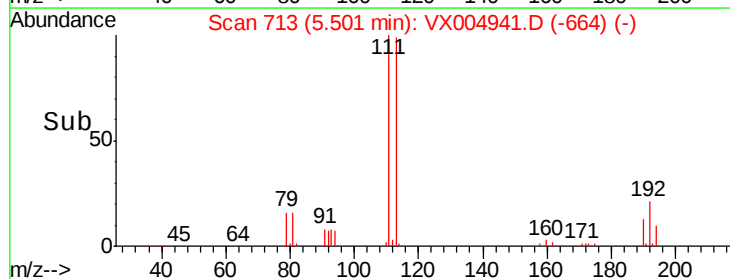
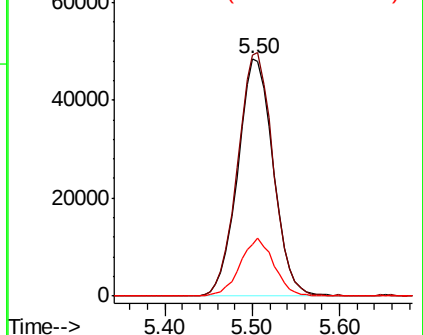


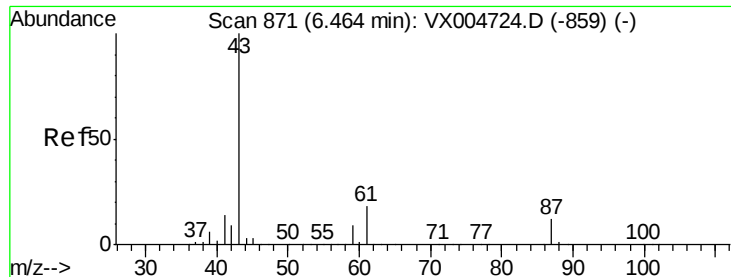
#35
 Dibromofluoromethane
 Concen: 47.100 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004941.D
 Acq: 03 Oct 2018 01:16

Tgt Ion:113 Resp: 136398
 Ion Ratio Lower Upper
 113 100
 111 102.7 77.0 115.4
 192 23.2 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 22.010 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-4

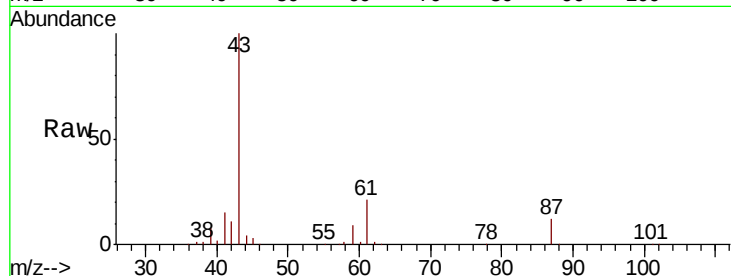
Tot Ion: 43 Resp: 166616

Ion Ratio Lower Upper

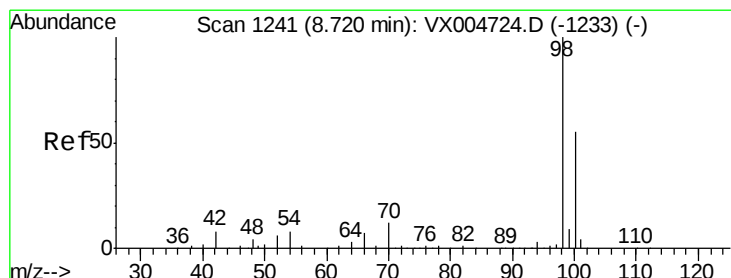
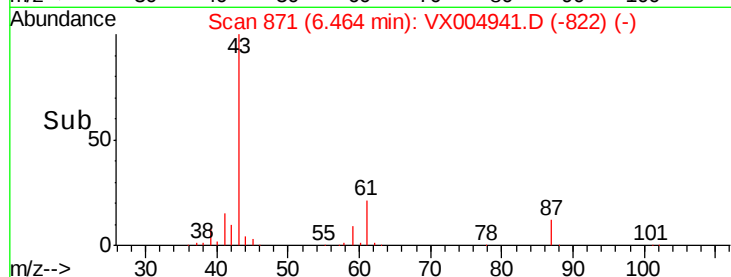
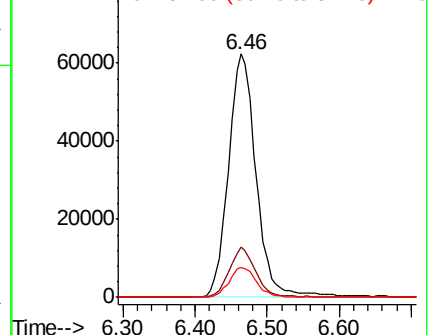
43 100

61 19.6 14.2 21.4

87 12.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.534 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004941.D

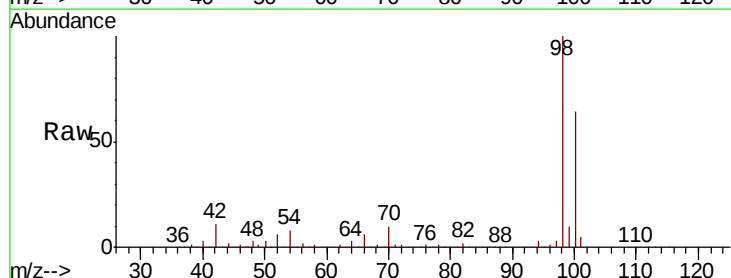
Acq: 03 Oct 2018 01:16

Tgt Ion: 98 Resp: 496146

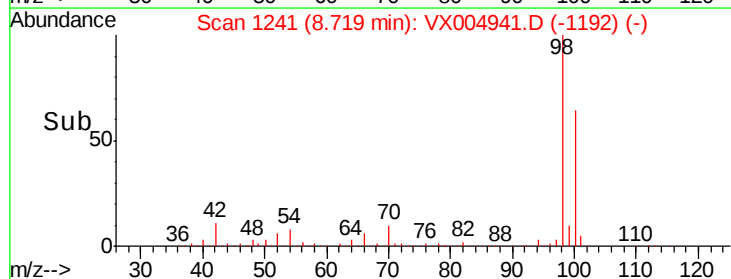
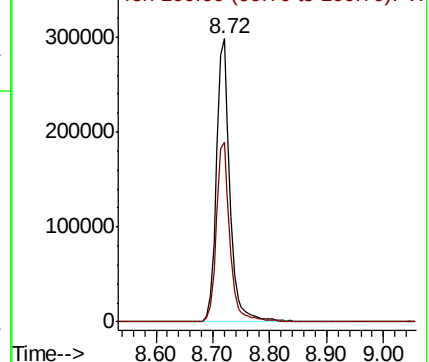
Ion Ratio Lower Upper

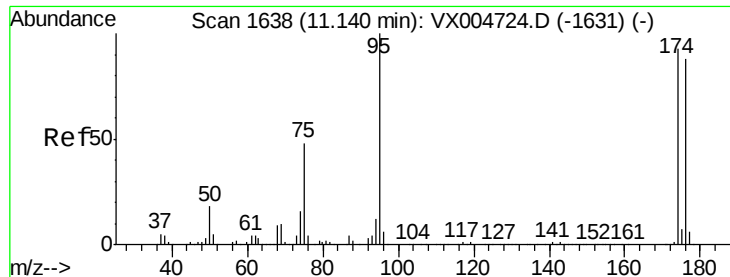
98 100

100 63.7 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 50.647 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

Instrument :

MSVOA_X

ClientSampleId :

HC-SOIL-4

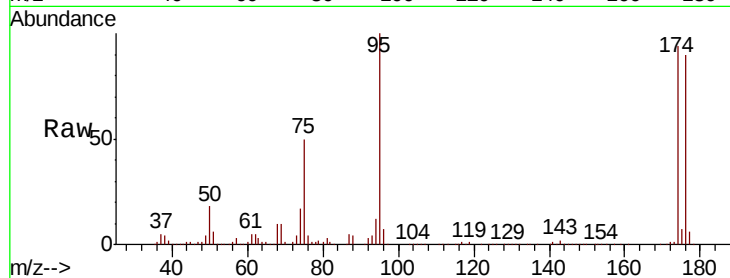
Tot Ion: 95 Resp: 175661

Ion Ratio Lower Upper

95 100

174 93.2 0.0 185.0

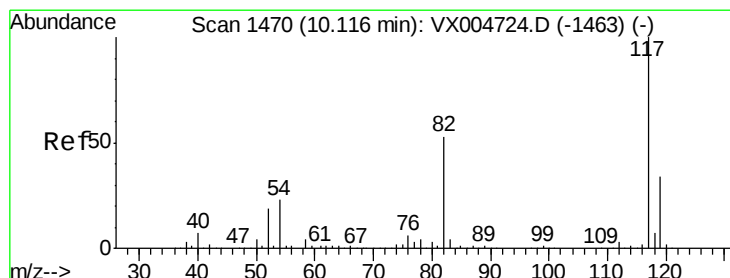
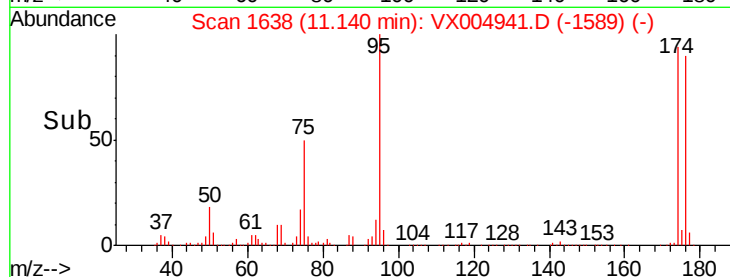
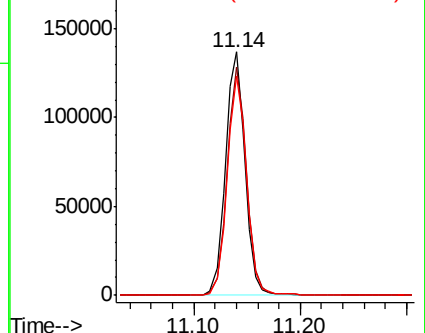
176 89.9 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX004941.D

Acq: 03 Oct 2018 01:16

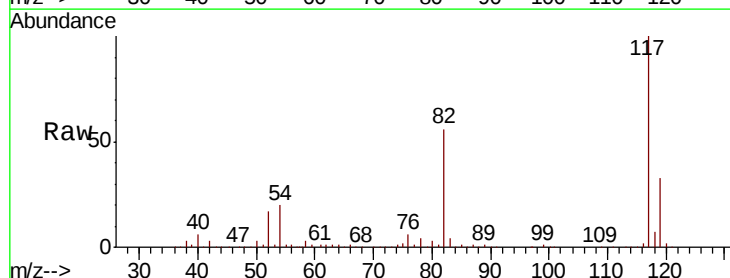
Tgt Ion: 117 Resp: 338309

Ion Ratio Lower Upper

117 100

82 55.7 42.2 63.4

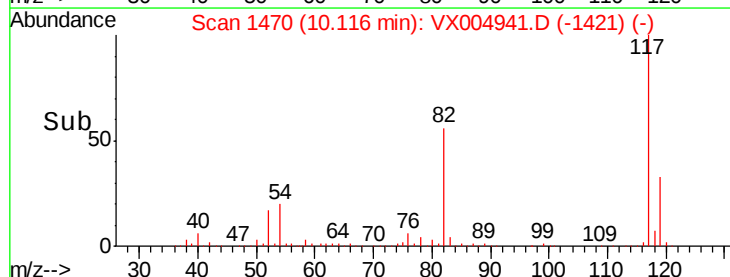
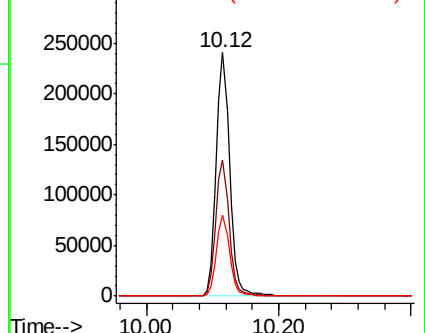
119 33.0 27.4 41.0

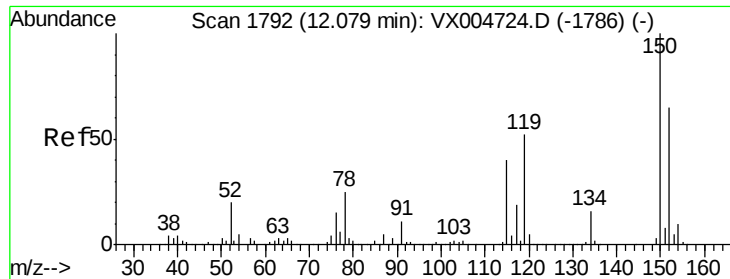


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)



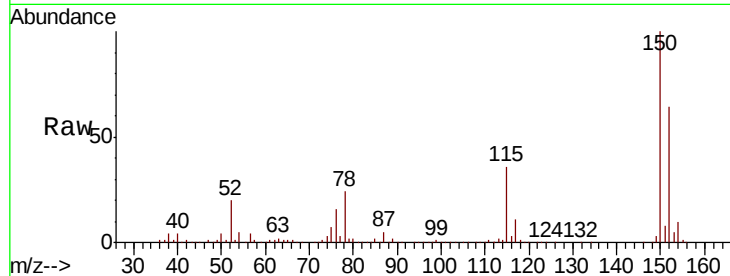


#72

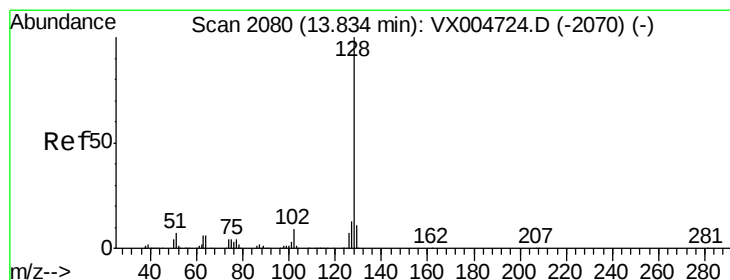
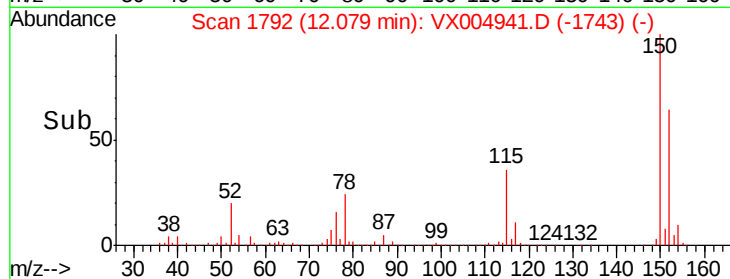
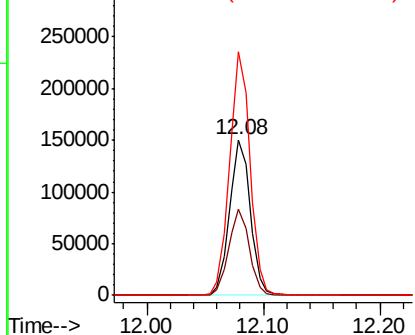
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Instrument :
MSVOA_X
ClientSampled :
HC-SOIL-4

Tot Ion:152 Resp: 185547
Ion Ratio Lower Upper
152 100
115 55.4 40.2 120.6
150 156.0 0.0 351.0



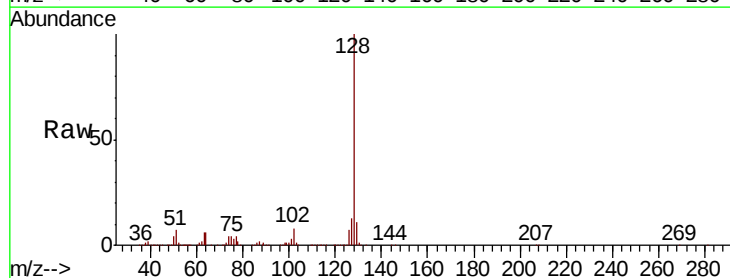
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 28.345 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004941.D
Acq: 03 Oct 2018 01:16

Tgt Ion:128 Resp: 432591
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 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

