

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006977.D
 Acq On : 09 Jan 2019 20:33
 Operator : JC/MD
 Sample : K1082-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-3

Quant Time: Jan 10 02:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

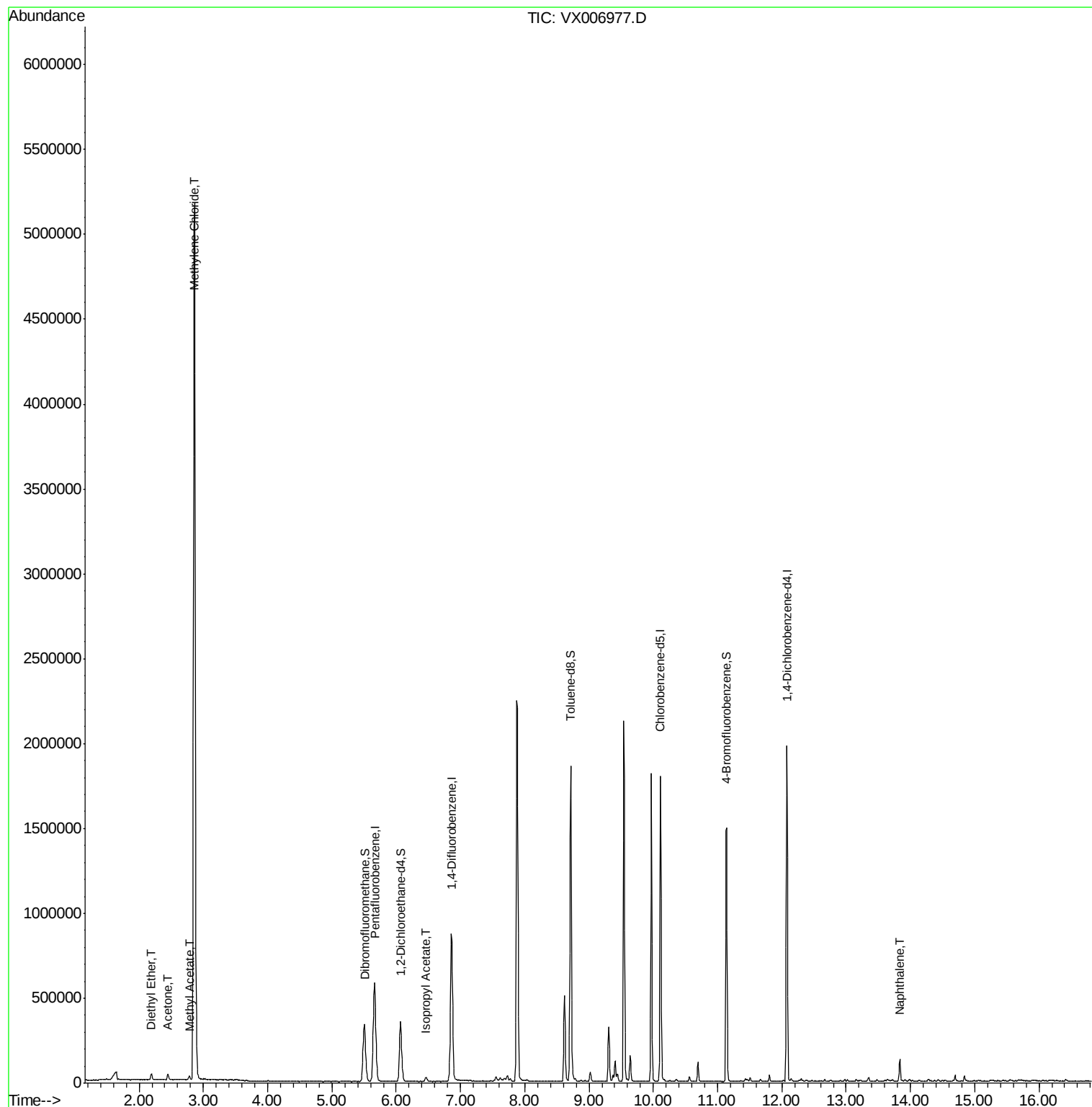
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	605039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	935233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	883497	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	422186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	326447	51.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.26%	
35) Dibromofluoromethane	5.51	113	287568	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	1137453	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	11.13	95	399799	52.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.62%	
Target Compounds						
8) Diethyl Ether	2.19	74	13959	3.490	ug/l	91
16) Acetone	2.45	43	36197	11.579	ug/l	94
18) Methyl Acetate	2.78	43	28187	3.114	ug/l	99
20) Methylene Chloride	2.86	84	2441188	414.713	ug/l	96
43) Isopropyl Acetate	6.46	43	32636	2.373	ug/l	99
95) Naphthalene	13.83	128	84359	2.773	ug/l	99

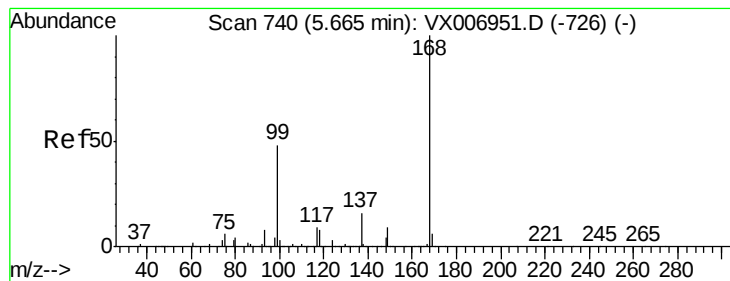
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SP-1-3

Quant Time: Jan 10 02:47:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX006977.D

Acq: 09 Jan 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

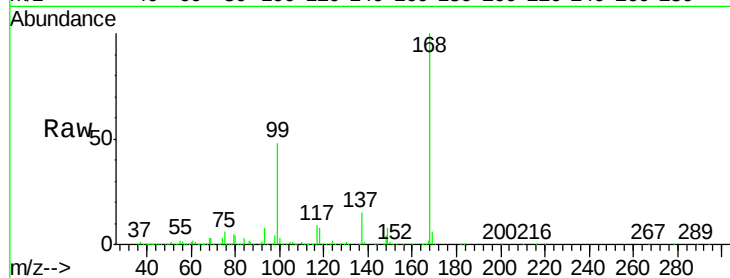
SP-1-3

Tot Ion:168 Resp: 605039

Ion Ratio Lower Upper

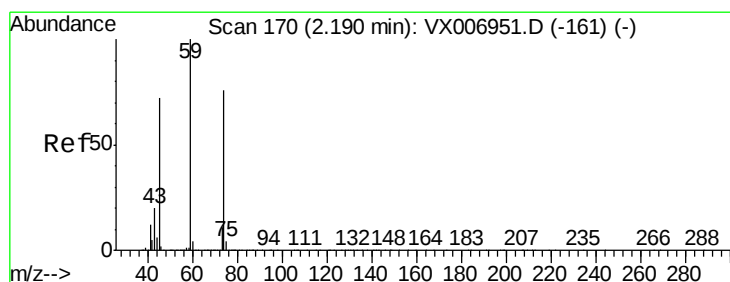
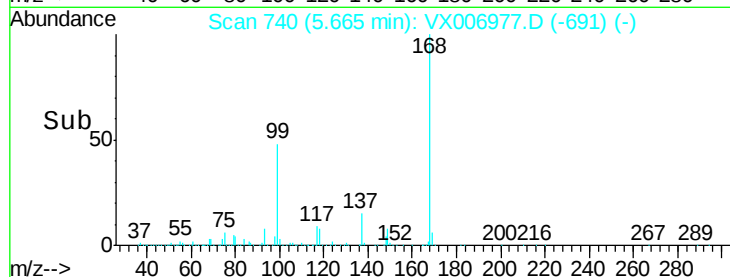
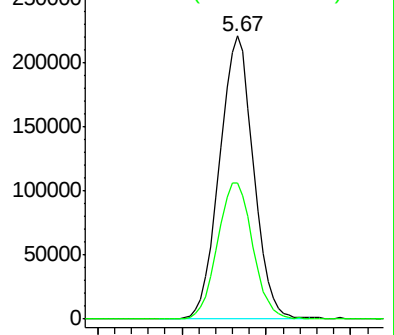
168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 3.490 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006977.D

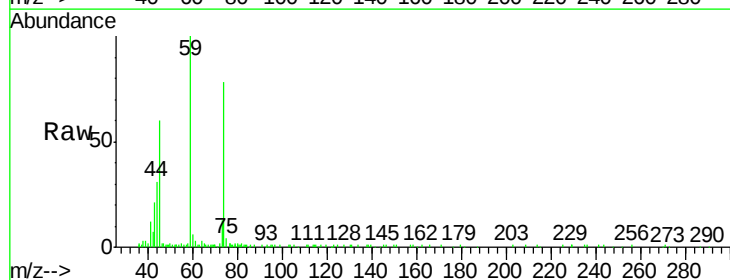
Acq: 09 Jan 2019 20:33

Tgt Ion: 74 Resp: 13959

Ion Ratio Lower Upper

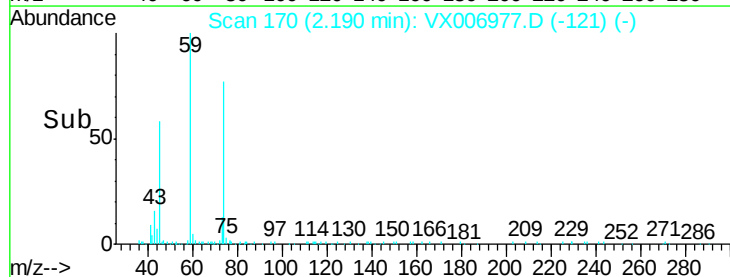
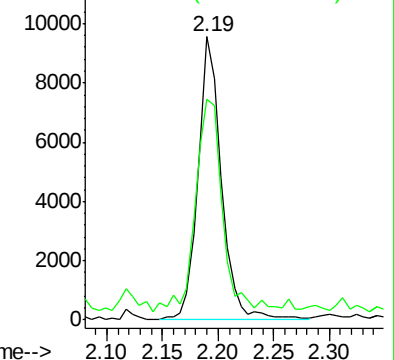
74 100

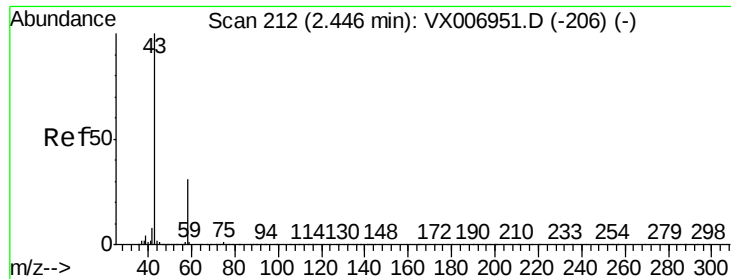
45 84.4 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

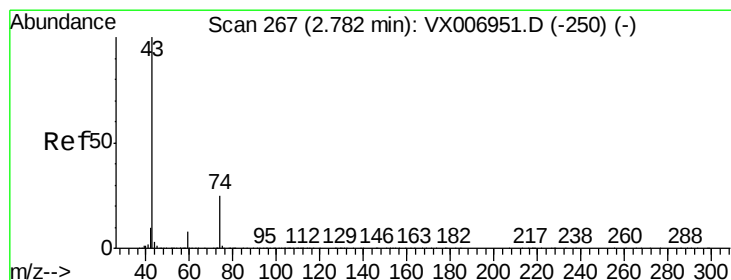
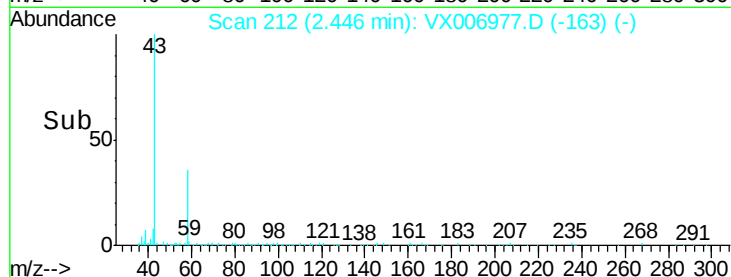
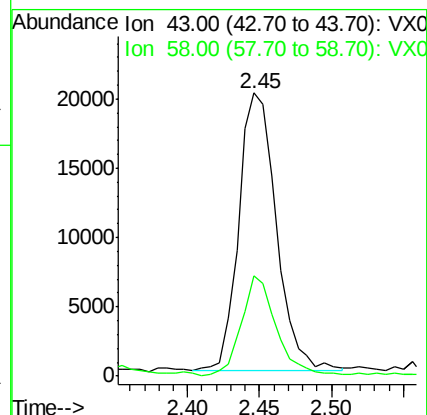
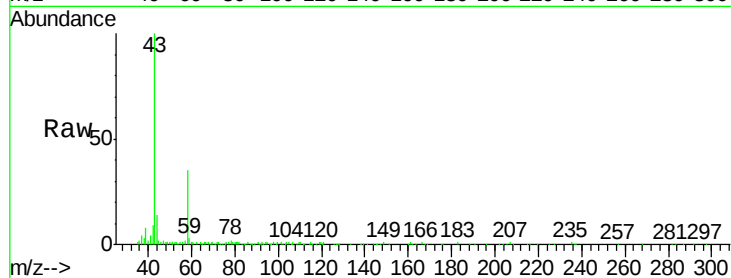




#16
Acetone
Concen: 11.579 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

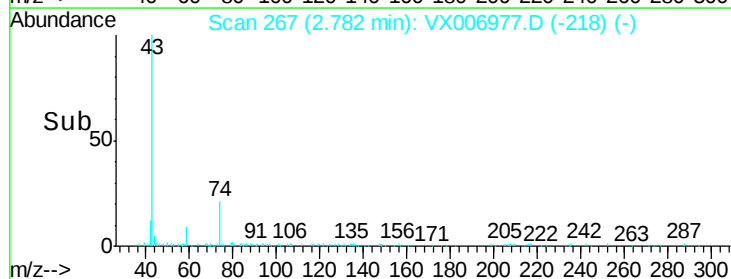
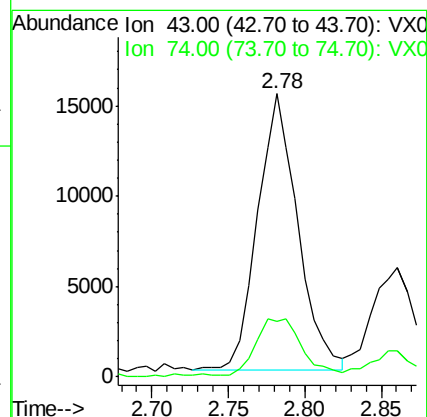
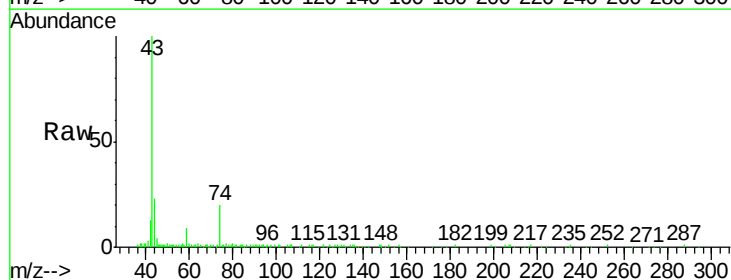
Instrument :
MSVOA_X
ClientSampleId :
SP-1-3

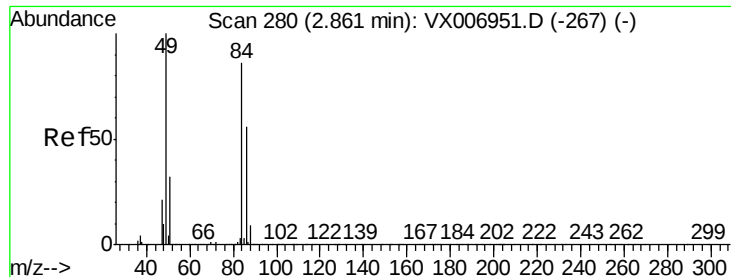
Tot Ion: 43 Resp: 36197
Ion Ratio Lower Upper
43 100
58 34.9 25.0 37.6



#18
Methyl Acetate
Concen: 3.114 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

Tgt Ion: 43 Resp: 28187
Ion Ratio Lower Upper
43 100
74 23.7 18.6 28.0



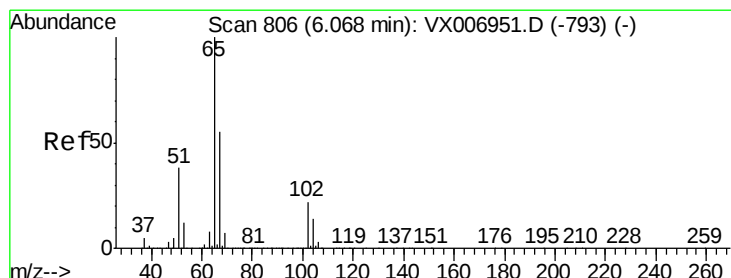
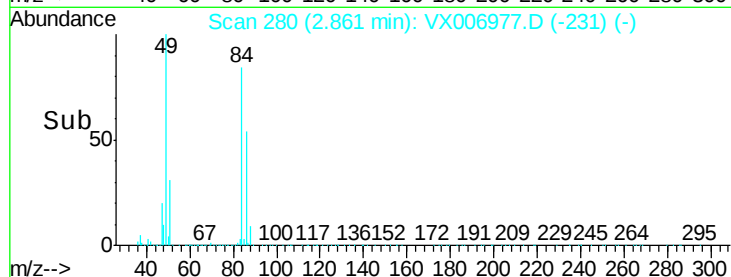
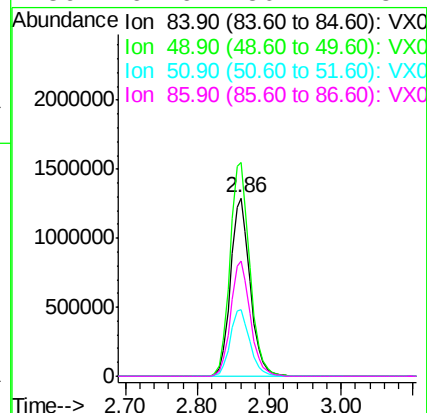
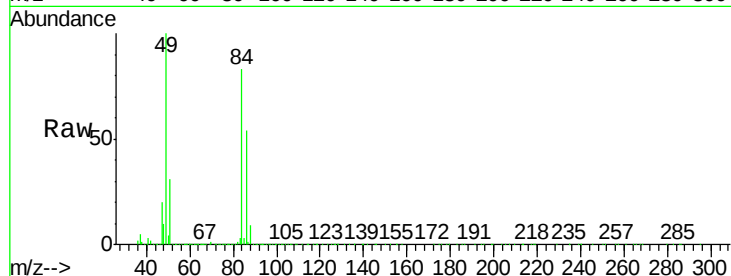


#20
Methvlene Chloride
Concen: 414.713 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

Instrument :
MSVOA_X
ClientSampleId :
SP-1-3

Tot Ion: 84 Resp: 2441188

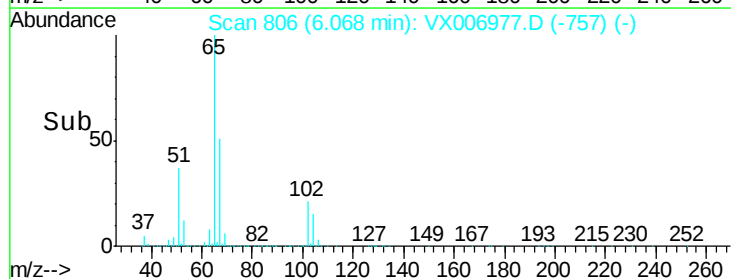
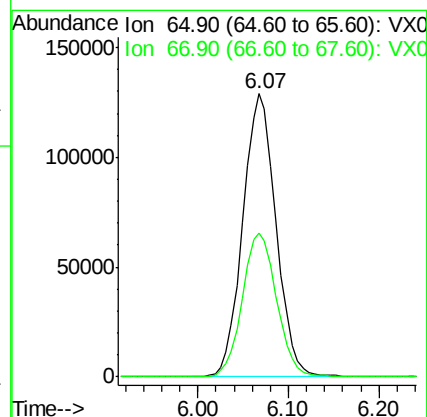
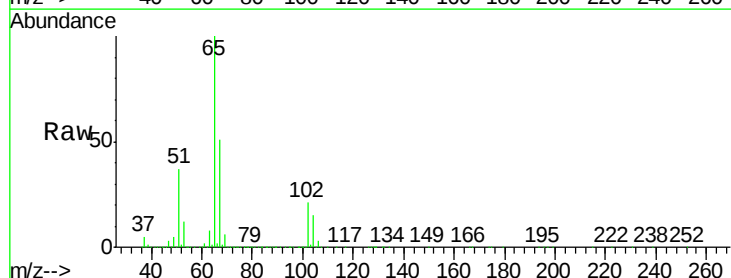
Ion	Ratio	Lower	Upper
84	100		
49	119.8	91.8	137.6
51	37.4	28.5	42.7
86	64.6	50.2	75.2

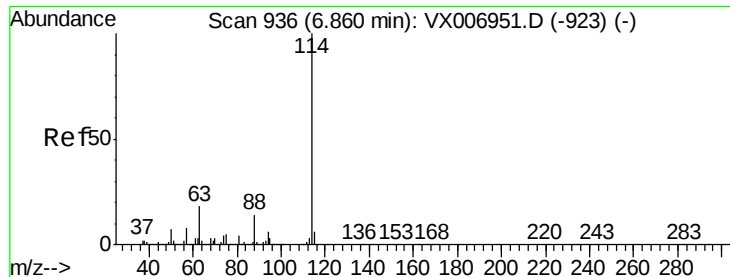


#33
1,2-Dichloroethane-d4
Concen: 51.627 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

Tgt Ion: 65 Resp: 326447

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006977.D

Acq: 09 Jan 2019 20:33

Instrument :

MSVOA_X

ClientSampleId :

SP-1-3

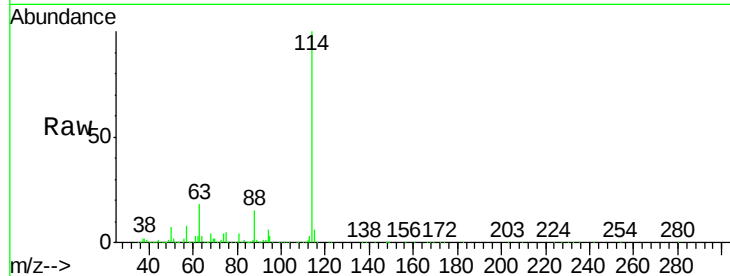
Tot Ion:114 Resp: 935233

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.8

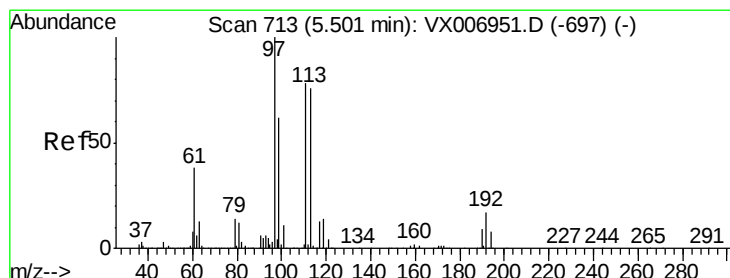
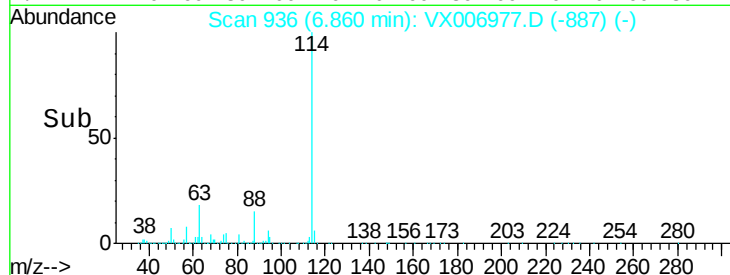
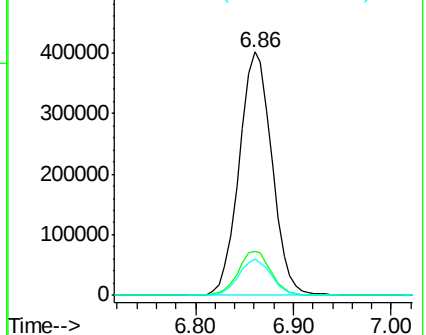
88 14.8 0.0 28.8



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: 48.015 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006977.D

Acq: 09 Jan 2019 20:33

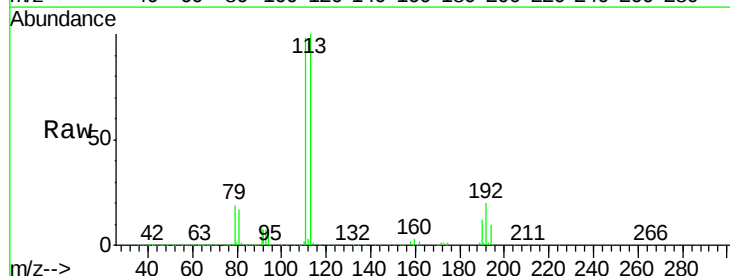
Tgt Ion:113 Resp: 287568

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

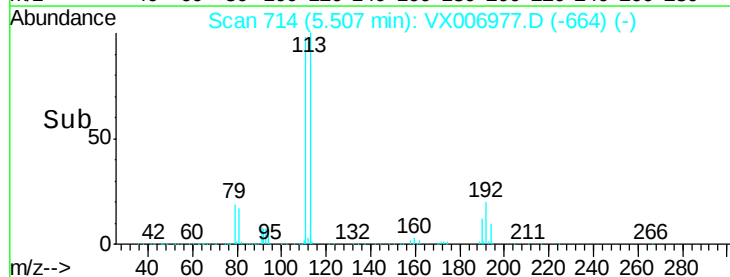
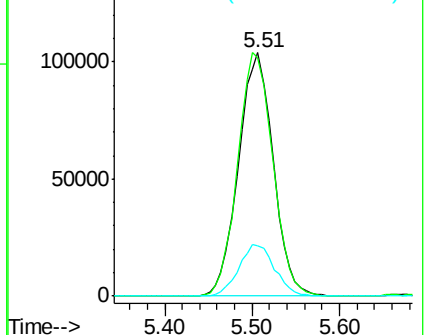
192 21.9 16.7 25.1

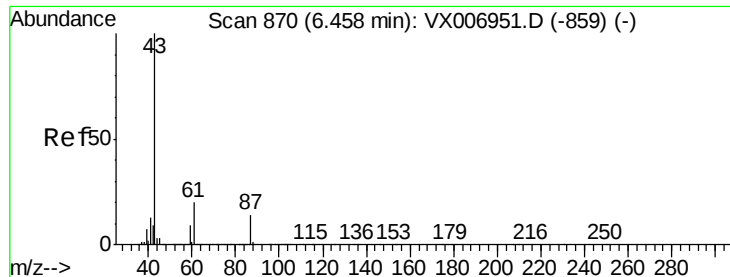


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



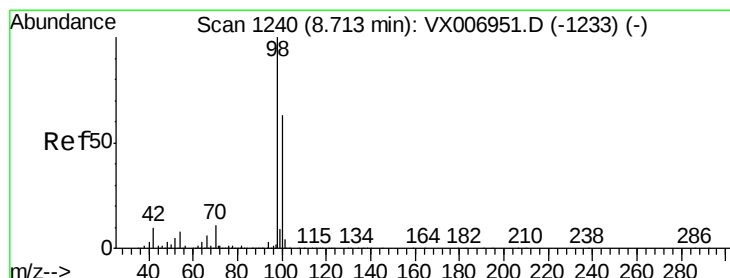
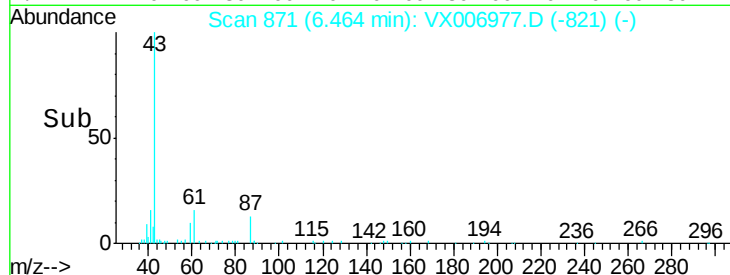
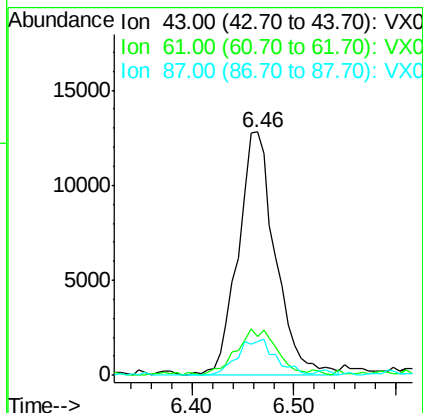
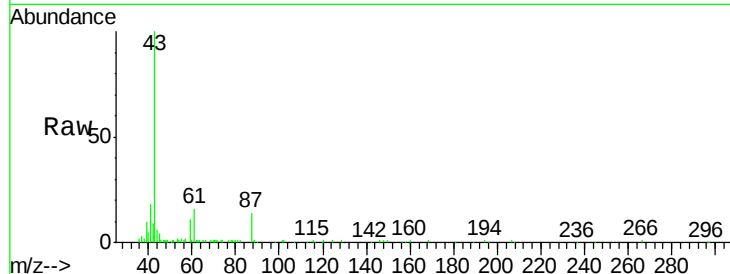


#43

Isopropyl Acetate
 Concen: 2.373 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006977.D
 Acq: 09 Jan 2019 20:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-1-3

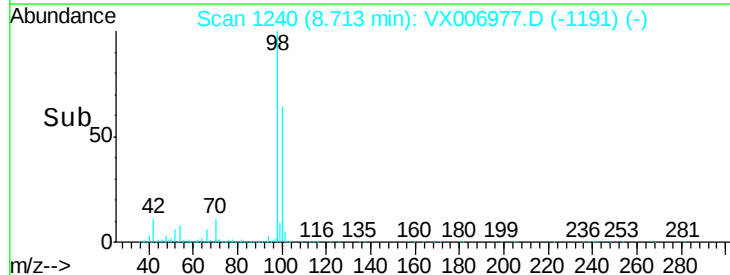
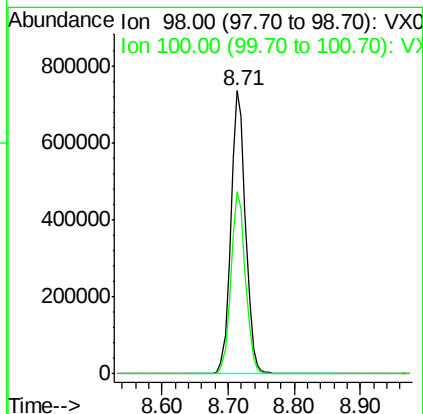
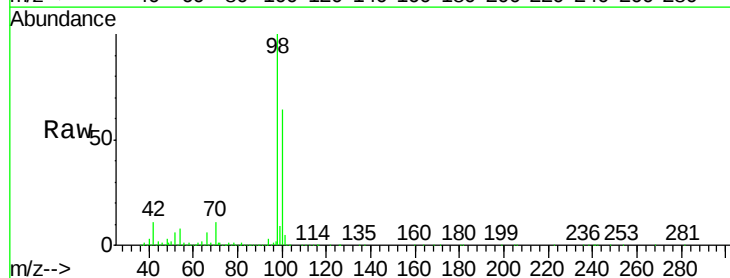
Tot Ion	43	Resp	32636
Ion Ratio	Lower	Upper	
43	100		
61	20.6	16.8	25.2
87	15.1	12.4	18.6

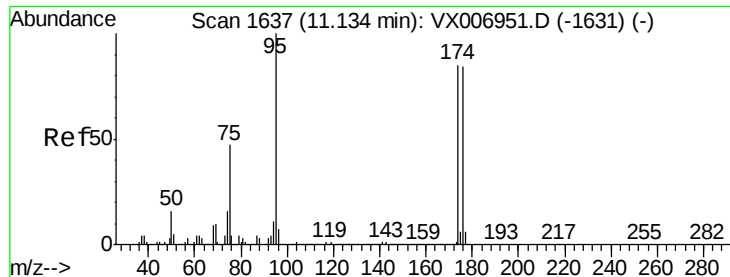


#50

Toluene-d8
 Concen: 51.886 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006977.D
 Acq: 09 Jan 2019 20:33

Tgt Ion	98	Resp	1137453
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.0	78.0





#62

4-Bromofluorobenzene

Concen: 52.312 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006977.D

Acq: 09 Jan 2019 20:33

Instrument :

MSVOA_X

ClientSampled :

SP-1-3

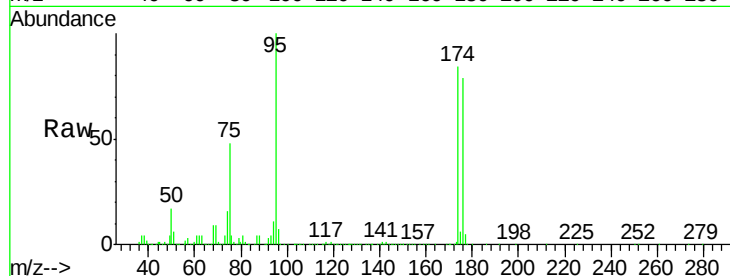
Tot Ion: 95 Resp: 399799

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

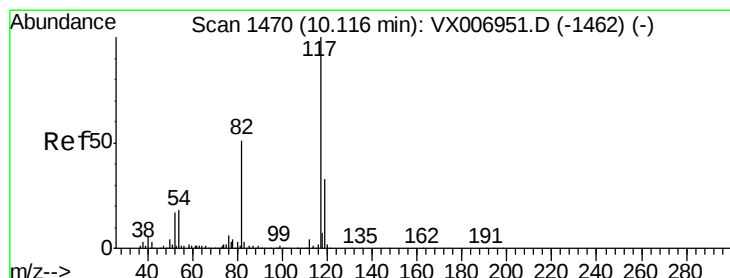
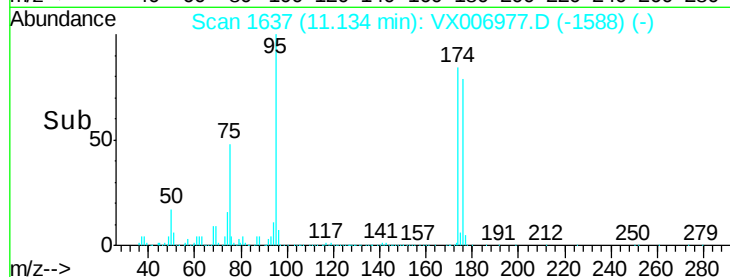
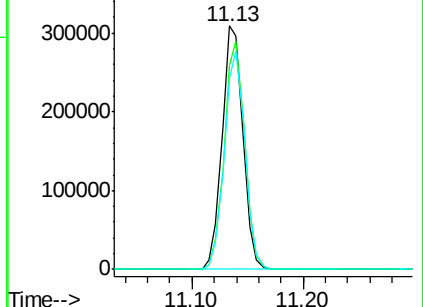
176 88.4 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006977.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006977.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006977.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006977.D

Acq: 09 Jan 2019 20:33

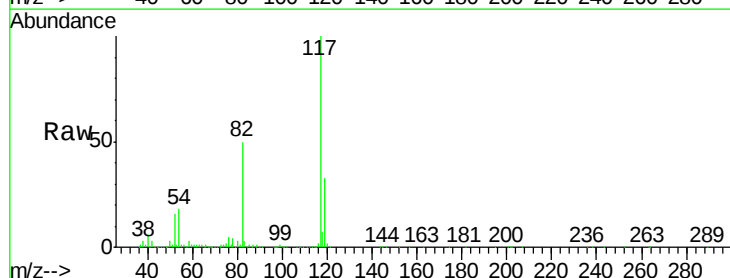
Tgt Ion: 117 Resp: 883497

Ion Ratio Lower Upper

117 100

82 49.8 41.0 61.6

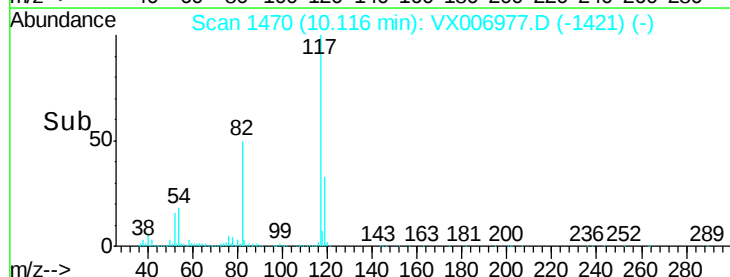
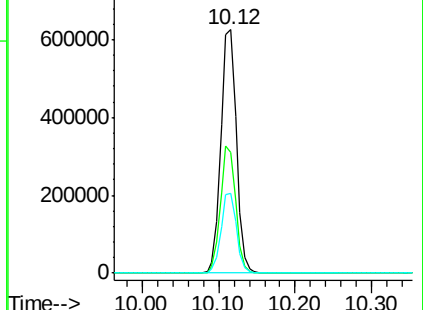
119 32.5 25.4 38.0

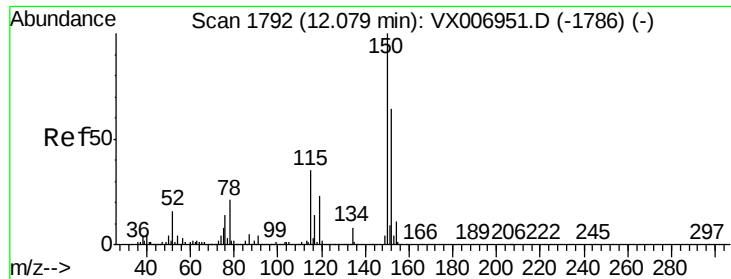


Abundance Ion 116.90 (116.60 to 117.60): VX006977.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006977.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006977.D (-1421) (-)



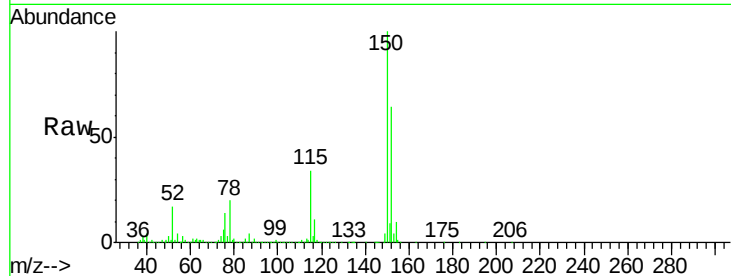


#72

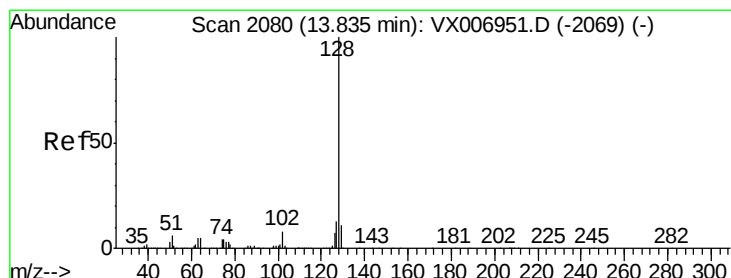
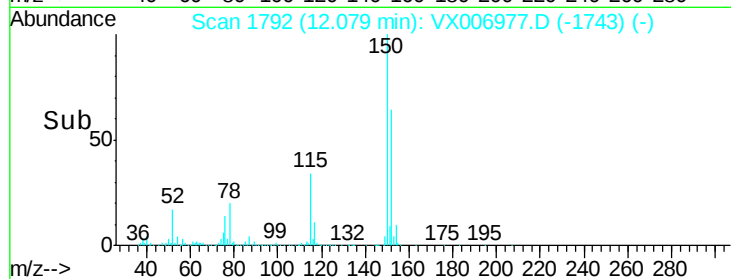
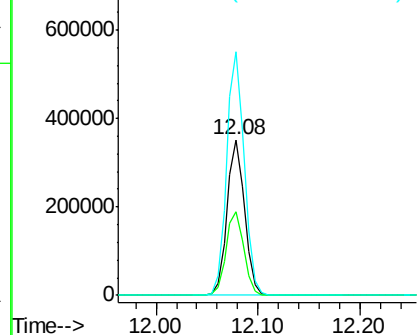
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

Instrument :
MSVOA_X
ClientSampled :
SP-1-3

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.1	117.2
150	157.1	0.0	344.8



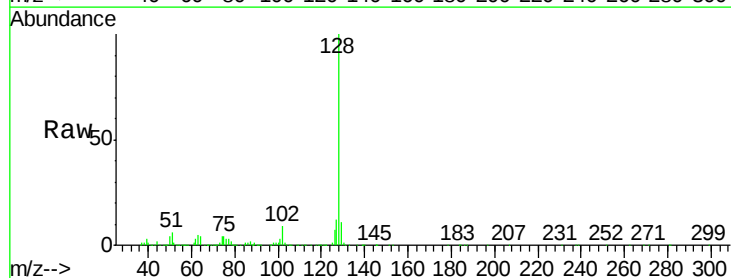
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 2.773 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006977.D
Acq: 09 Jan 2019 20:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.8	8.6	13.0



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

