

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111218\
 Data File : VX005930.D
 Acq On : 13 Nov 2018 05:18
 Operator : JC/MD
 Sample : J5894-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DW-6

Quant Time: Nov 13 07:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

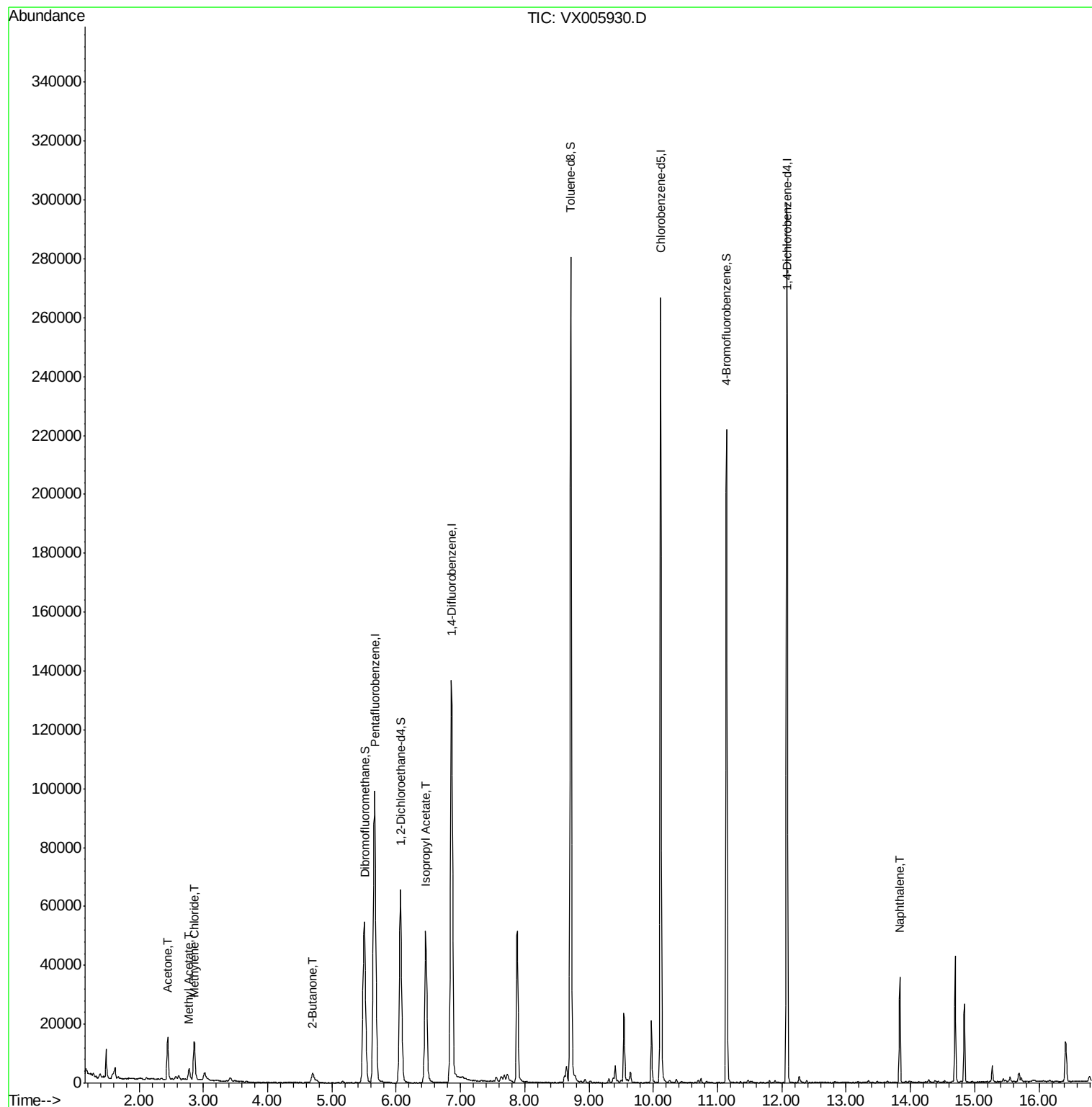
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	98373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	140294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	126301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	60682	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	61127	54.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.10%	
35) Dibromofluoromethane	5.51	113	47425	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	8.71	98	166881	52.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.14	95	55973	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
Target Compounds						
16) Acetone	2.45	43	14685	24.117	ug/l	94
18) Methyl Acetate	2.78	43	5198	1.754	ug/l	97
20) Methylene Chloride	2.85	84	5644	5.643	ug/l	96
25) 2-Butanone	4.70	43	6226	6.504	ug/l	97
43) Isopropyl Acetate	6.46	43	65753	25.514	ug/l	100
95) Naphthalene	13.83	128	21812	6.056	ug/l	99

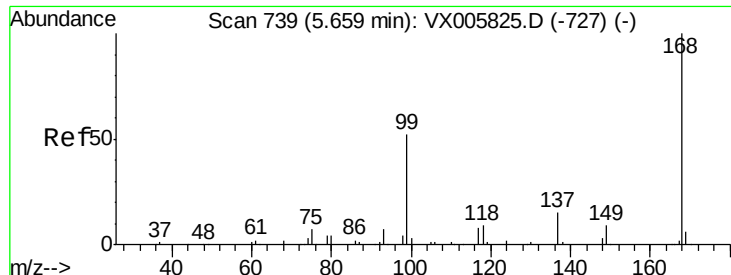
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
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: VX005930.D

Acq: 13 Nov 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

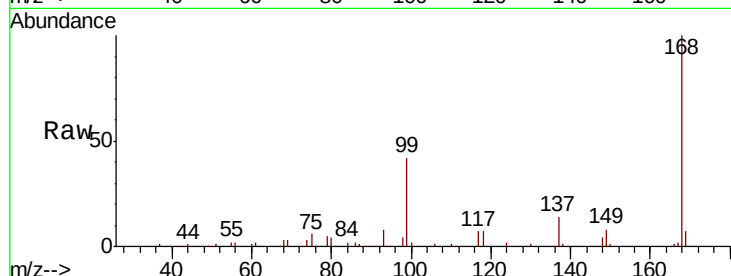
DW-6

Tot Ion:168 Resp: 98373

Ion Ratio Lower Upper

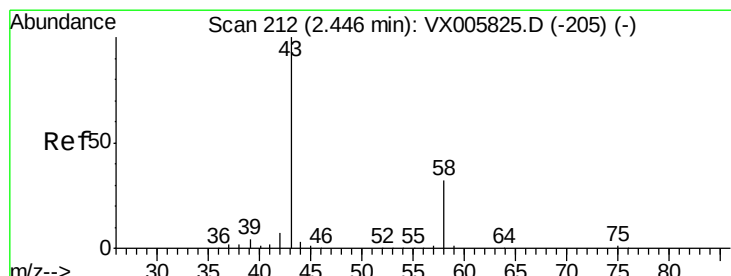
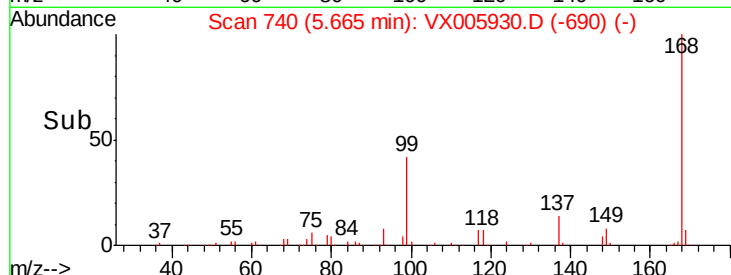
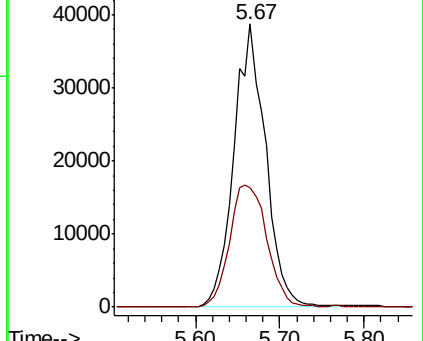
168 100

99 42.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 24.117 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005930.D

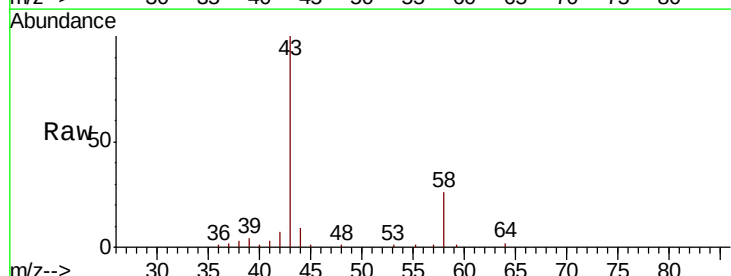
Acq: 13 Nov 2018 05:18

Tgt Ion: 43 Resp: 14685

Ion Ratio Lower Upper

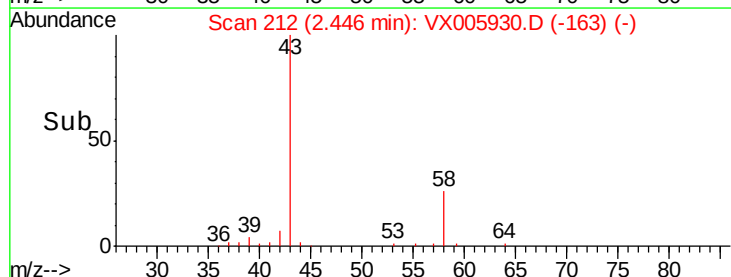
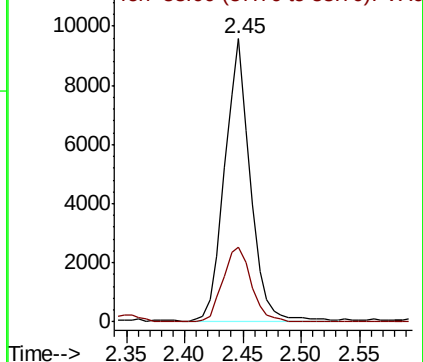
43 100

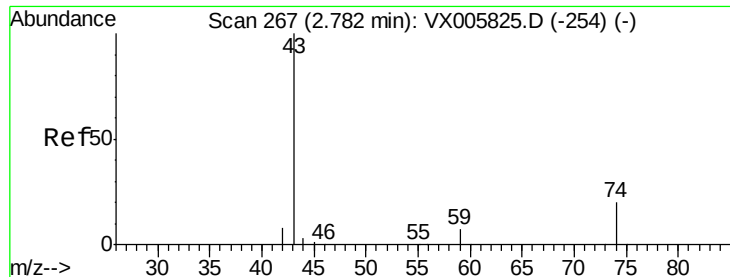
58 26.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.754 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

Instrument :

MSVOA_X

ClientSampled :

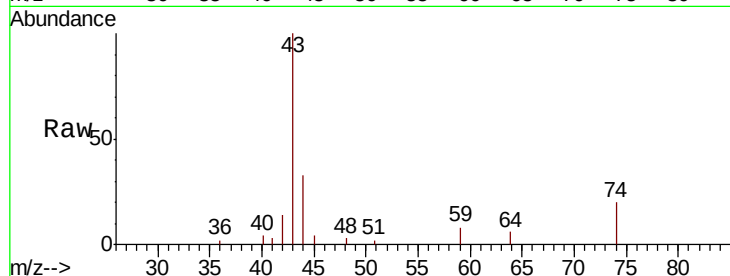
DW-6

Tot Ion: 43 Resp: 5198

Ion Ratio Lower Upper

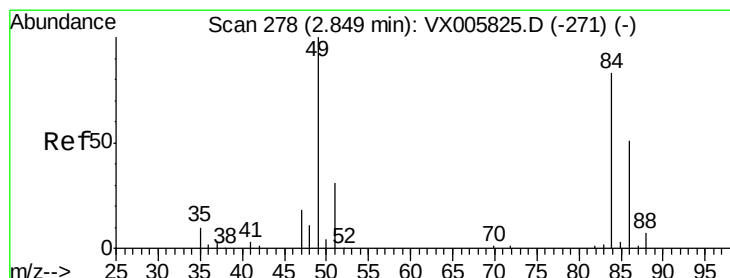
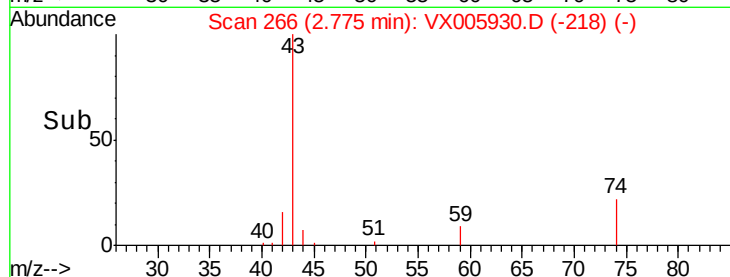
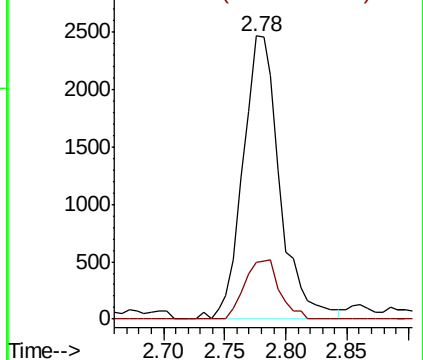
43 100

74 19.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 5.643 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.01 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

Tgt Ion: 84 Resp: 5644

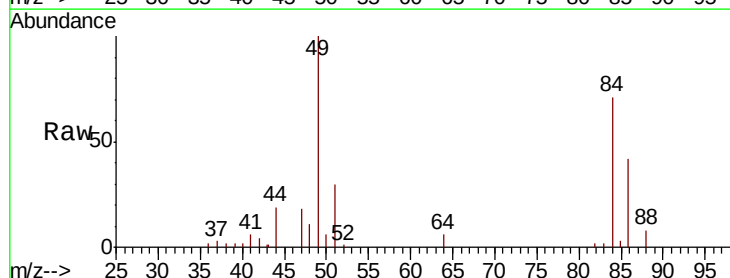
Ion Ratio Lower Upper

84 100

49 140.4 109.5 164.3

51 42.3 33.3 49.9

86 59.6 52.7 79.1

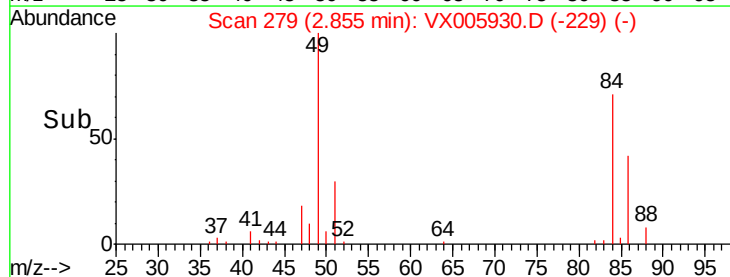
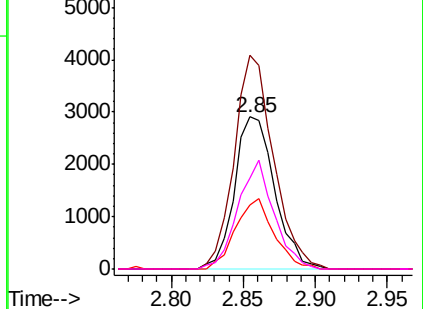


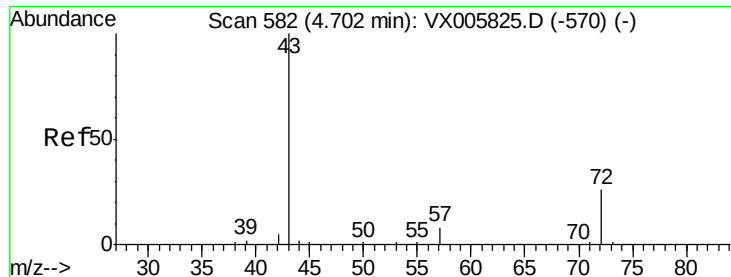
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 6.504 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

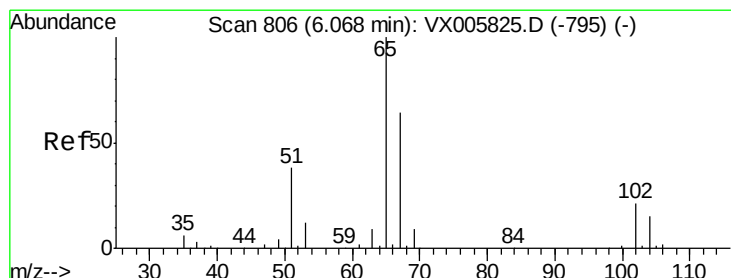
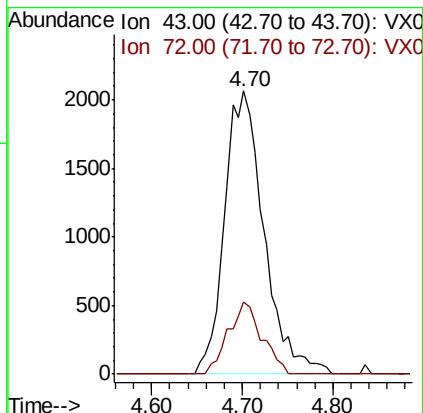
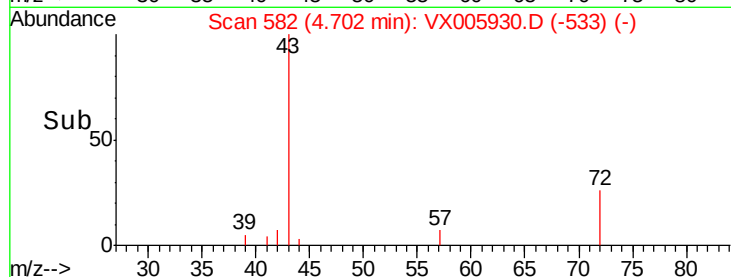
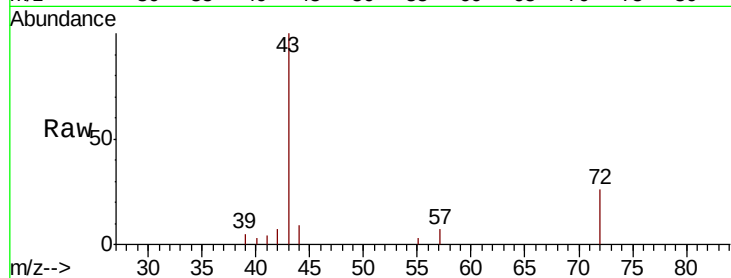
DW-6

Tot Ion: 43 Resp: 6226

Ion Ratio Lower Upper

43 100

72 25.5 19.2 28.8



#33

1,2-Dichloroethane-d4

Concen: 54.050 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005930.D

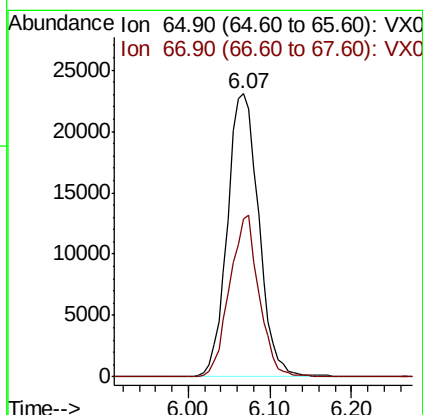
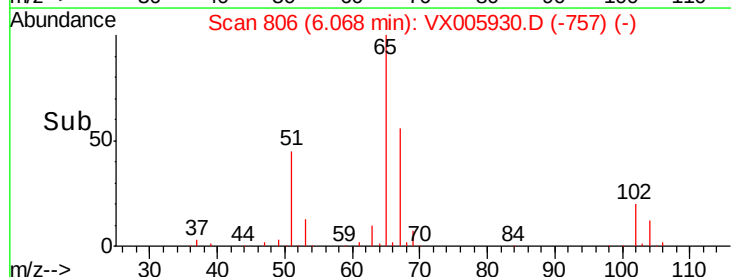
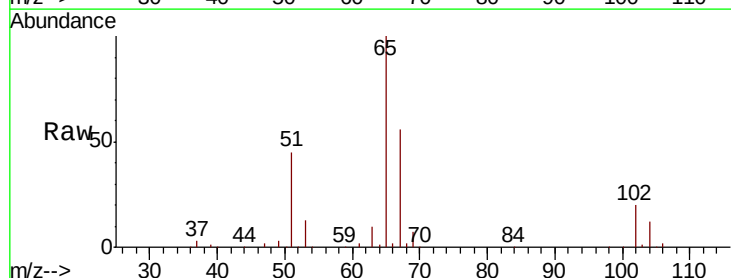
Acq: 13 Nov 2018 05:18

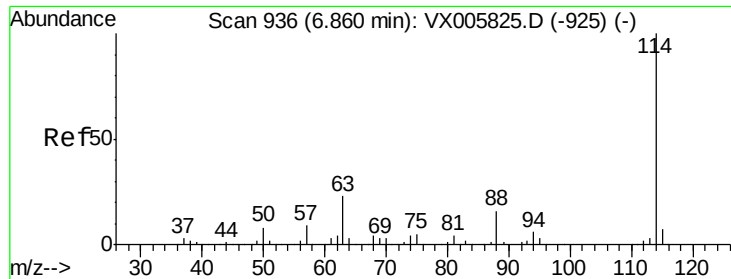
Tgt Ion: 65 Resp: 61127

Ion Ratio Lower Upper

65 100

67 53.7 0.0 105.0

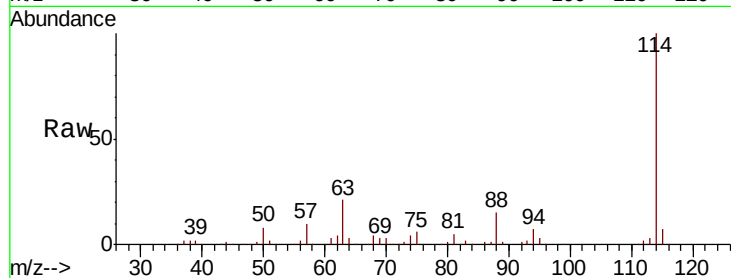




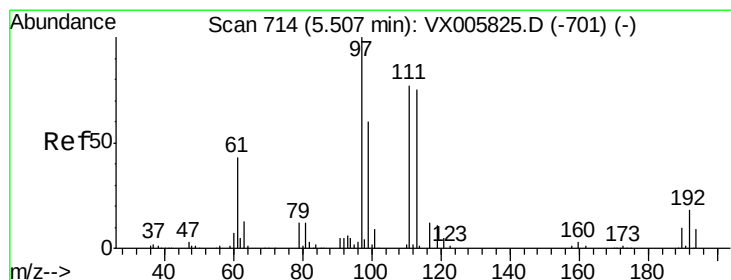
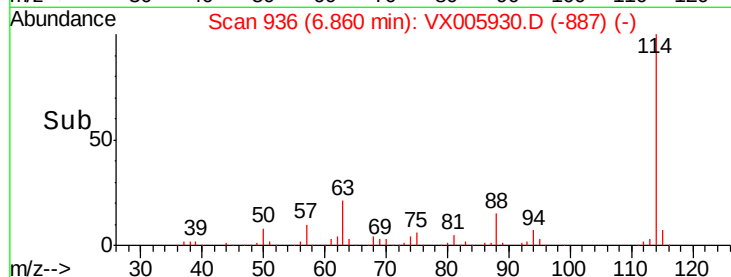
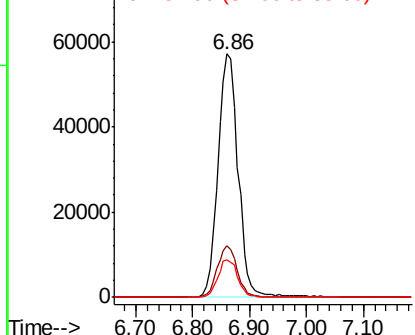
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005930.D
 Acq: 13 Nov 2018 05:18

Instrument :
 MSVOA_X
 ClientSampleId :
 DW-6

Tot Ion:114 Resp: 140294
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.8
 88 15.4 0.0 31.2

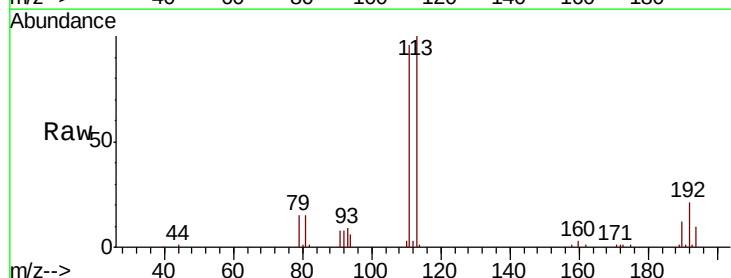


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

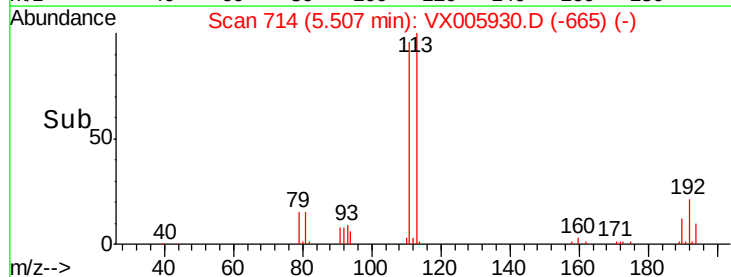
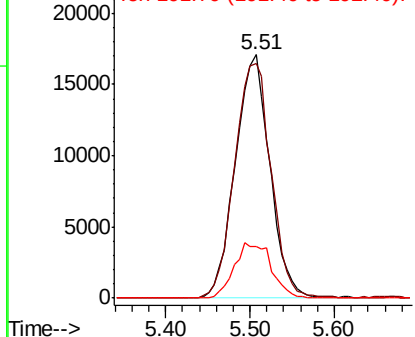


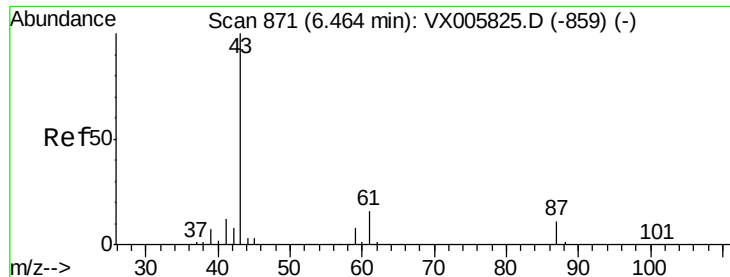
#35
 Dibromofluoromethane
 Concen: 49.701 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX005930.D
 Acq: 13 Nov 2018 05:18

Tgt Ion:113 Resp: 47425
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.3 123.5
 192 24.3 17.9 26.9



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: 25.514 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

Instrument :

MSVOA_X

ClientSampleId :

DW-6

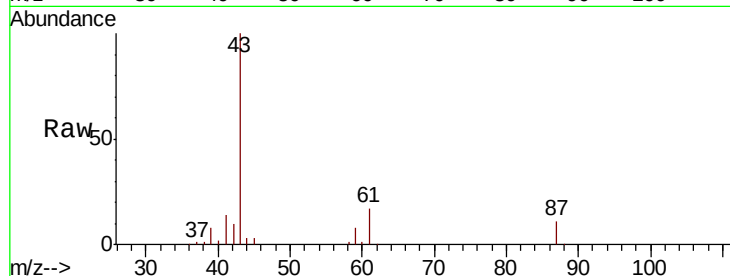
Tot Ion: 43 Resp: 65753

Ion Ratio Lower Upper

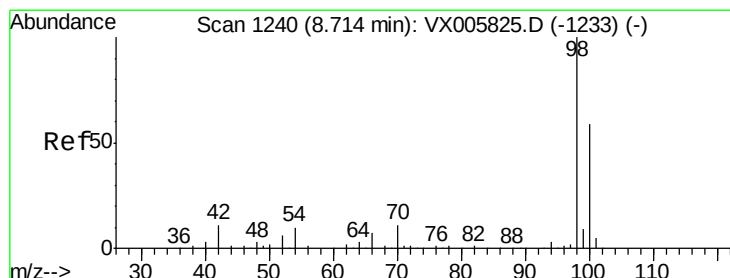
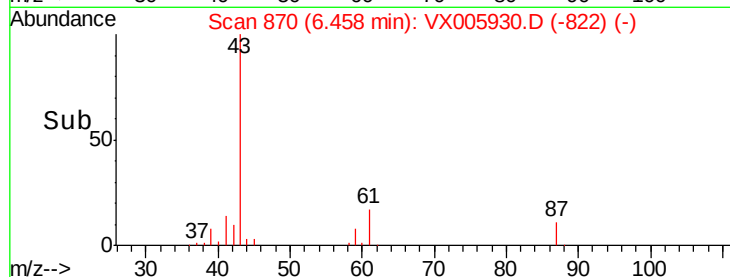
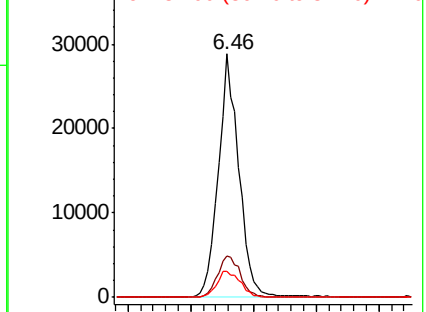
43 100

61 18.6 14.6 22.0

87 12.1 9.6 14.4



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: 52.605 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005930.D

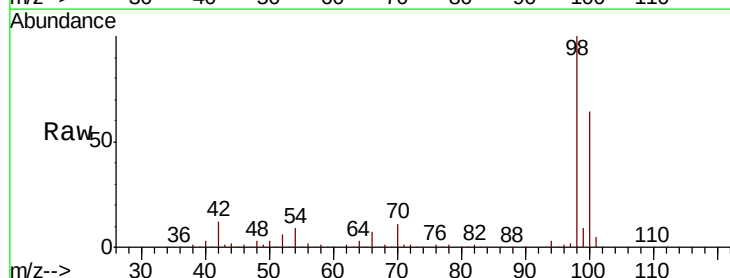
Acq: 13 Nov 2018 05:18

Tgt Ion: 98 Resp: 166881

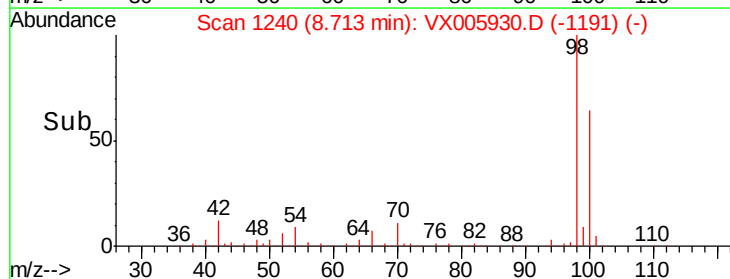
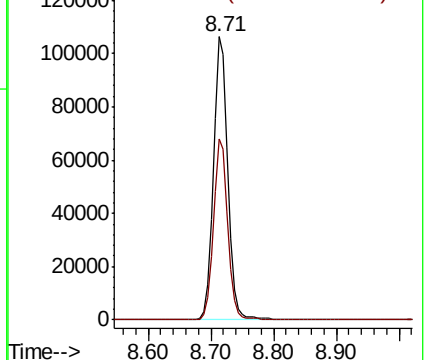
Ion Ratio Lower Upper

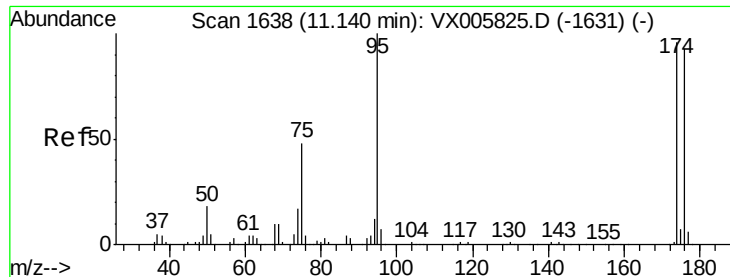
98 100

100 63.5 51.3 76.9



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





#62

4-Bromofluorobenzene

Concen: 49.074 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

Instrument :

MSVOA_X

ClientSampled :

DW-6

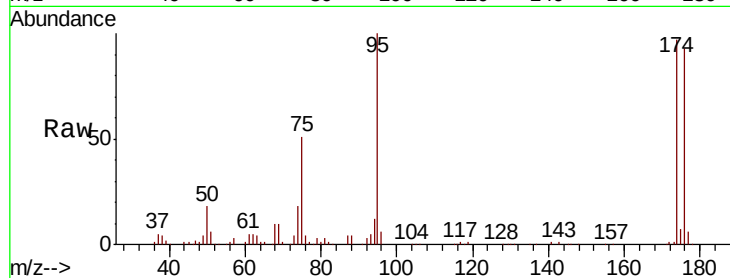
Tot Ion: 95 Resp: 55973

Ion Ratio Lower Upper

95 100

174 93.7 0.0 184.4

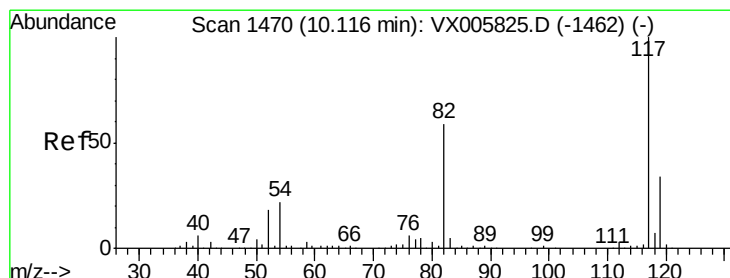
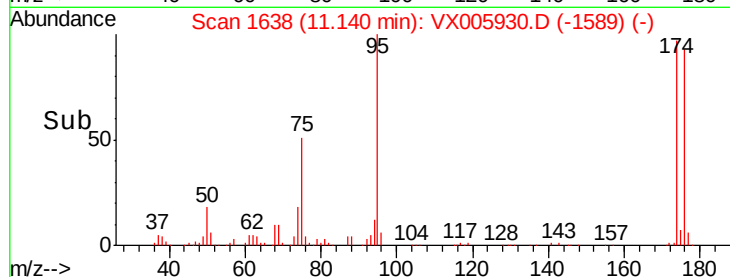
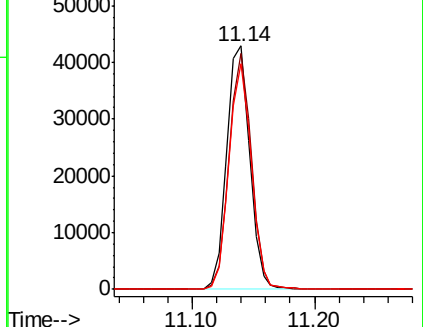
176 89.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VX005825.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX005825.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX005825.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005930.D

Acq: 13 Nov 2018 05:18

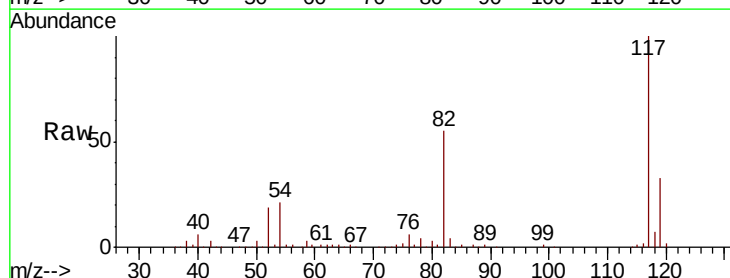
Tgt Ion: 117 Resp: 126301

Ion Ratio Lower Upper

117 100

82 55.4 44.1 66.1

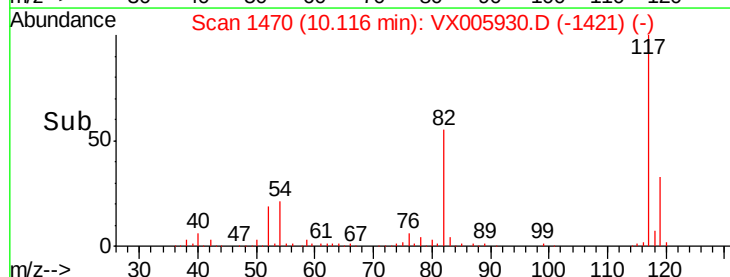
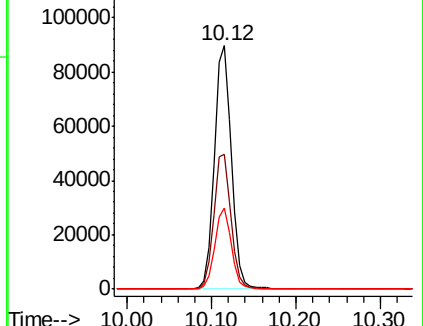
119 33.2 26.2 39.2

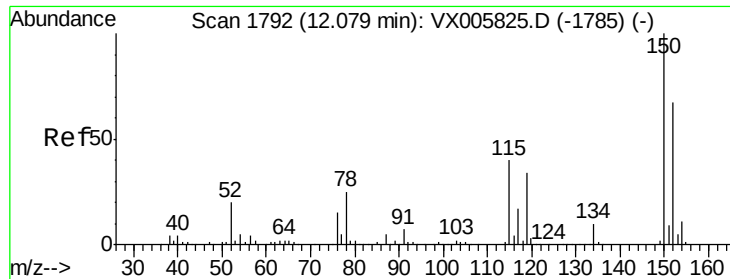


Abundance Ion 116.90 (116.60 to 117.60): VX005825.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX005825.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX005825.D (-1462) (-)



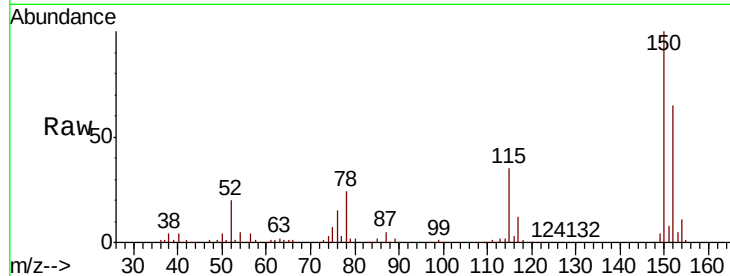


#72

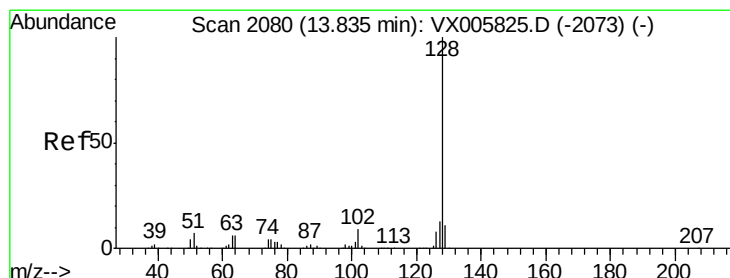
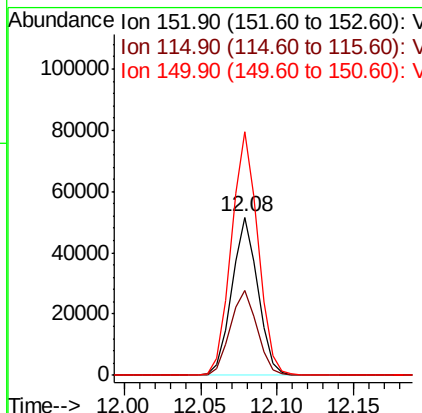
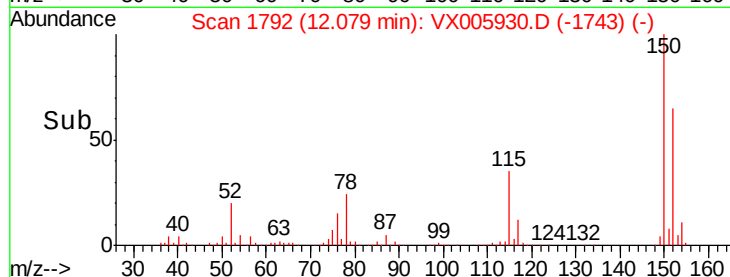
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005930.D
Acq: 13 Nov 2018 05:18

Instrument :
MSVOA_X
ClientSampled :
DW-6

Tot Ion:152 Resp: 60682
Ion Ratio Lower Upper
152 100
115 55.6 39.4 118.1
150 157.2 0.0 346.4



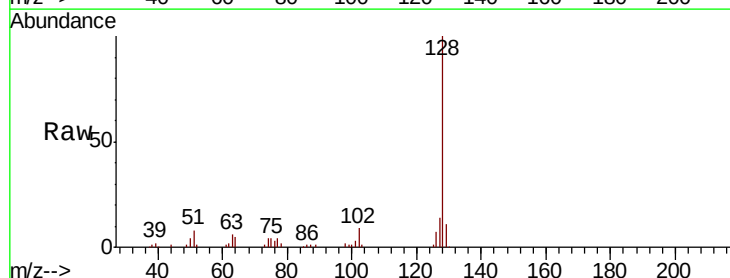
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 6.056 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005930.D
Acq: 13 Nov 2018 05:18

Tgt Ion:128 Resp: 21812
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 10.9 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

