

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005106.D
 Acq On : 06 Oct 2018 09:59
 Operator : JC/MD
 Sample : J5238-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MT-T-5-8

Quant Time: Oct 08 07:48:20 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	5.66	168	221243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	321508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	163495	51.73	ug/l	0.00
Spiked Amount						
			Recovery	=	103.46%	
35) Dibromofluoromethane	5.51	113	152149	54.52	ug/l	0.00
Spiked Amount						
			Recovery	=	109.04%	
50) Toluene-d8	8.72	98	469310	50.59	ug/l	0.00
Spiked Amount						
			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.14	95	171727	51.38	ug/l	0.00
Spiked Amount						
			Recovery	=	102.76%	

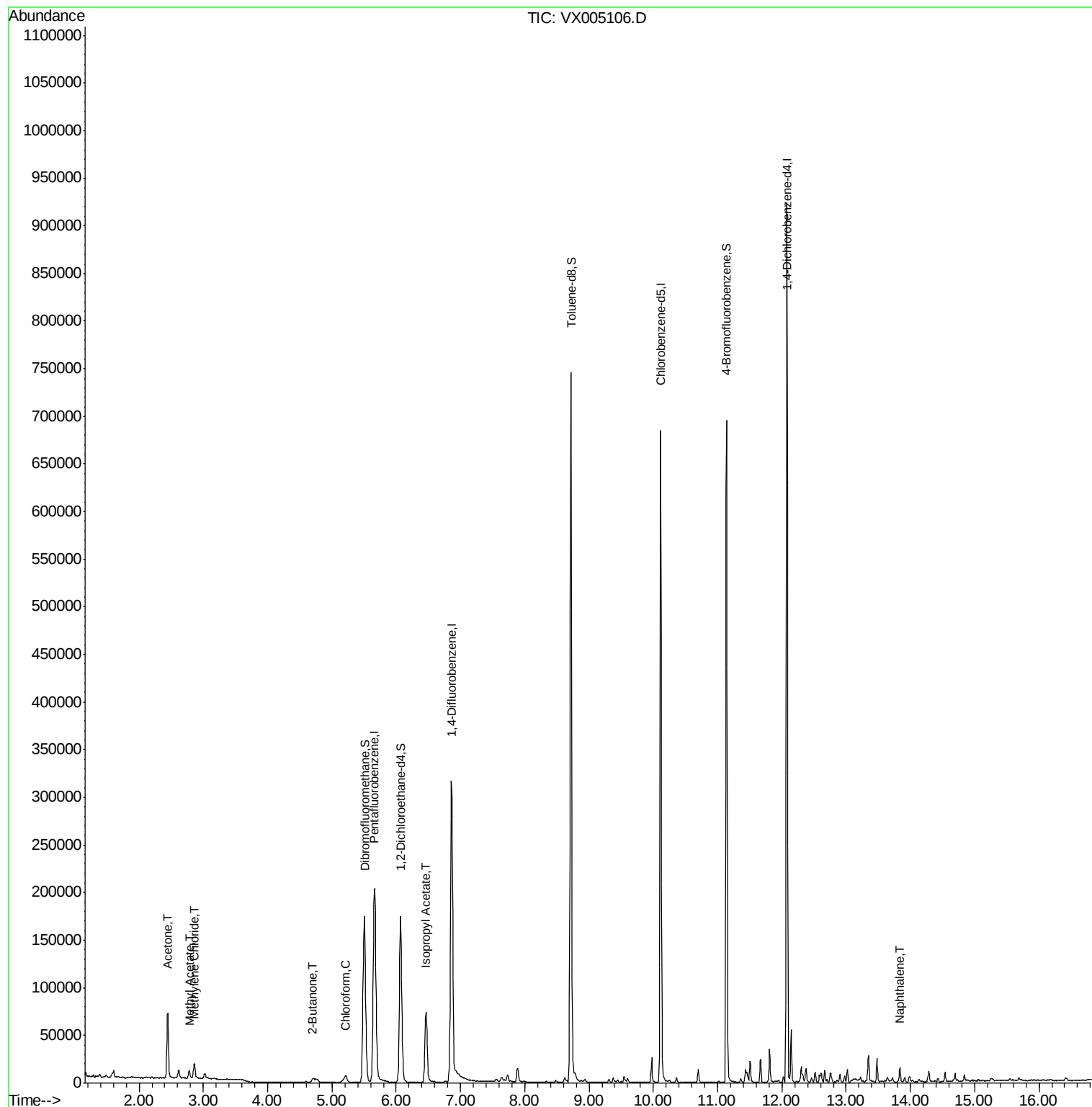
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	74509	40.381	ug/l #	89
18) Methyl Acetate	2.78	43	9873	2.112	ug/l	99
20) Methylene Chloride	2.85	84	6858	1.746	ug/l	91
25) 2-Butanone	4.70	43	7241	2.662	ug/l	96
30) Chloroform	5.21	83	8296	1.671	ug/l	84
43) Isopropyl Acetate	6.46	43	101505	13.915	ug/l	97
95) Naphthalene	13.83	128	8928	1.277	ug/l	97

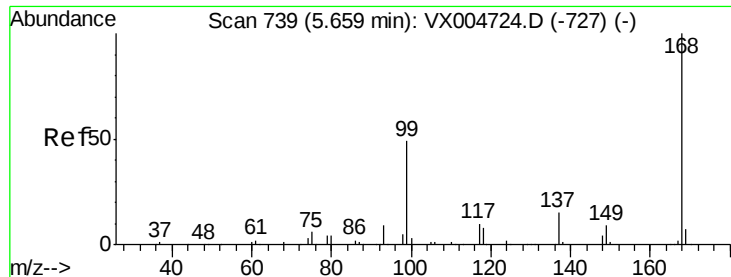
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 07:48:20 2018
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005106.D

Acq: 06 Oct 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

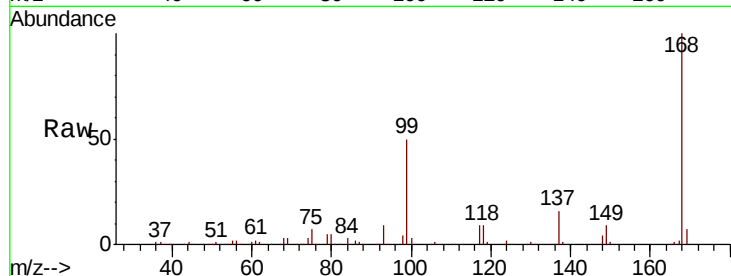
MT-T-5-8

Tot Ion:168 Resp: 221243

Ion Ratio Lower Upper

168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

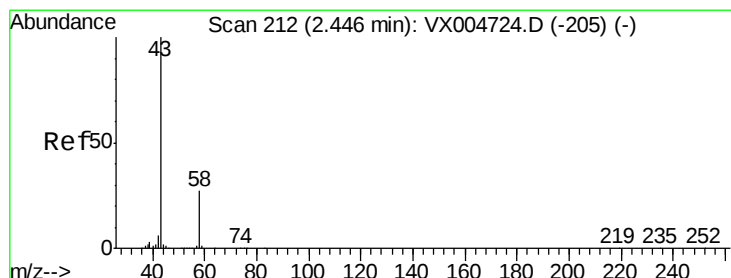
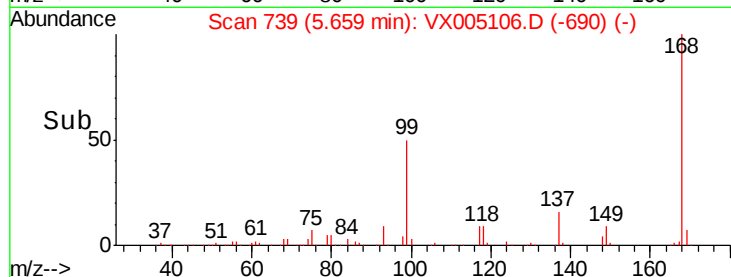
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 40.381 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005106.D

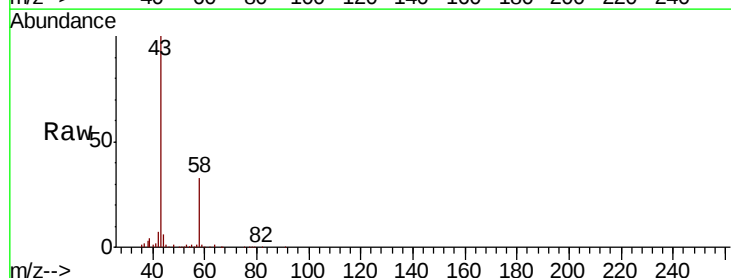
Acq: 06 Oct 2018 09:59

Tgt Ion: 43 Resp: 74509

Ion Ratio Lower Upper

43 100

58 32.7 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

50000

40000

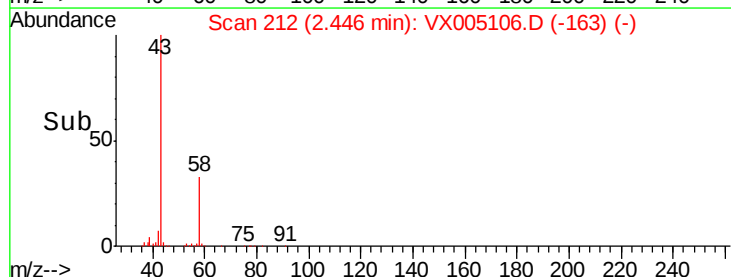
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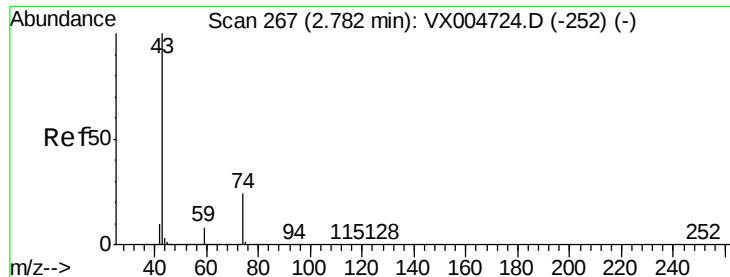
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55

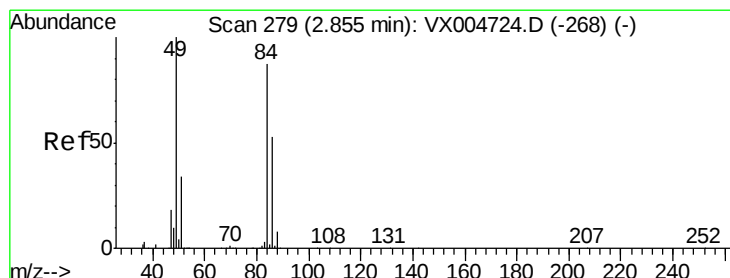
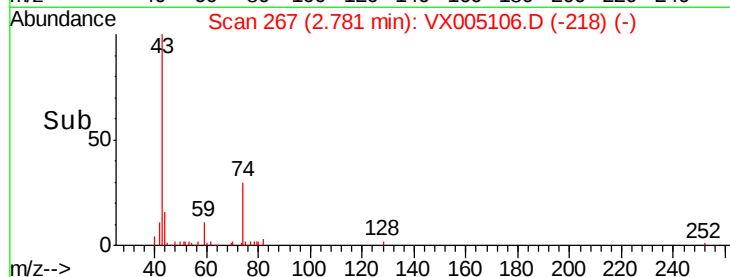
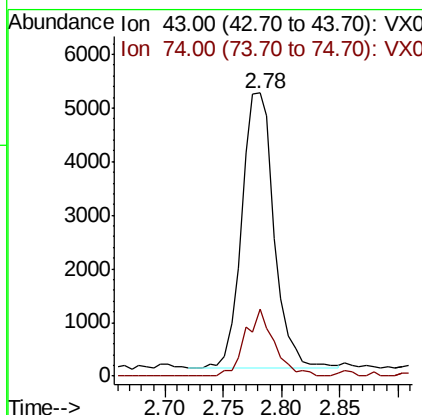
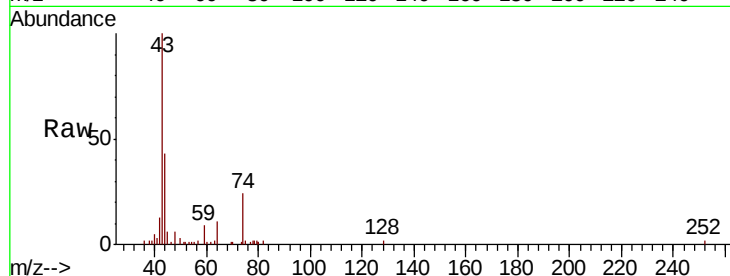




#18
Methvl Acetate
Concen: 2.112 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

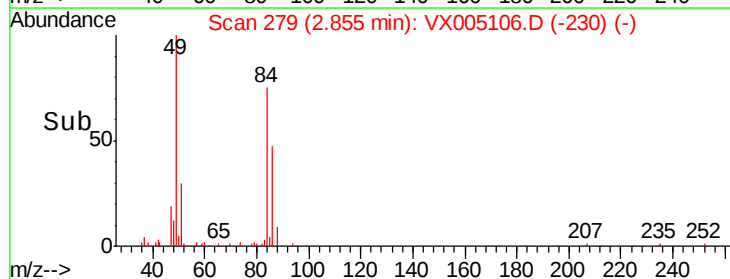
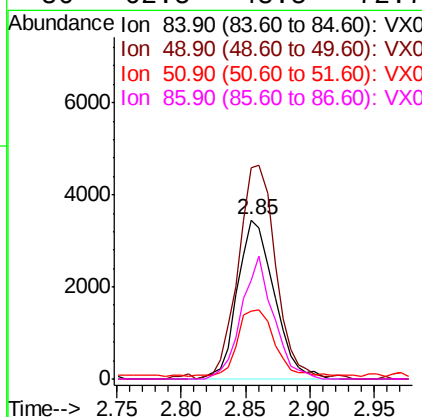
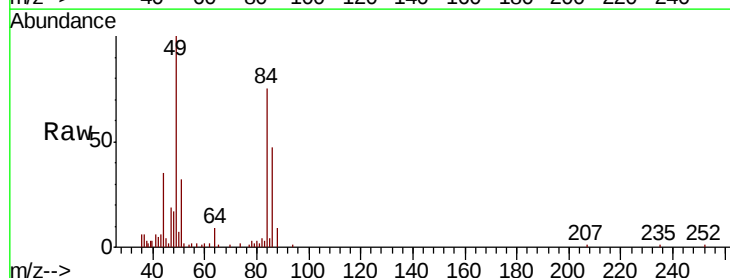
Instrument :
MSVOA_X
ClientSampleId :
MT-T-5-8

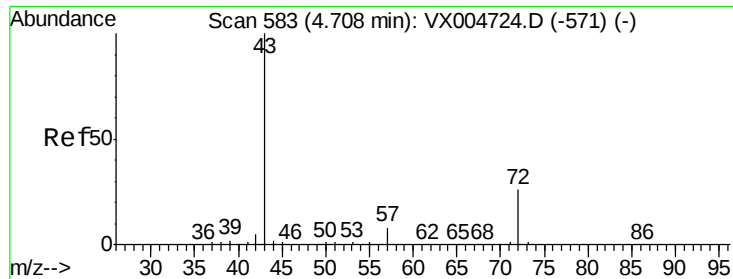
Tot Ion: 43 Resp: 9873
Ion Ratio Lower Upper
43 100
74 21.9 17.8 26.8



#20
Methylene Chloride
Concen: 1.746 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Tgt Ion: 84 Resp: 6858
Ion Ratio Lower Upper
84 100
49 131.2 92.3 138.5
51 41.7 31.8 47.6
86 62.5 48.5 72.7

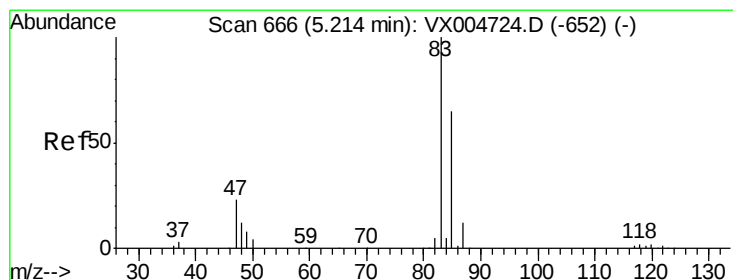
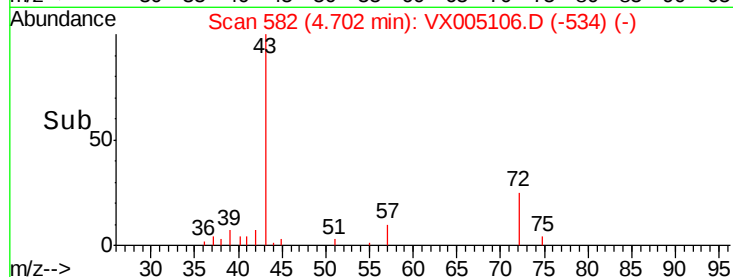
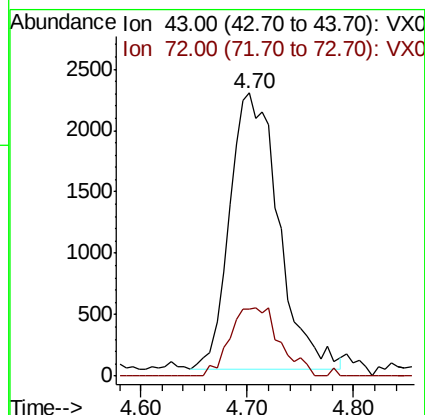
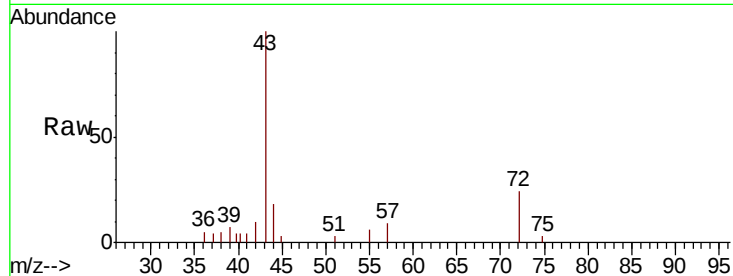




#25
2-Butanone
Concen: 2.662 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

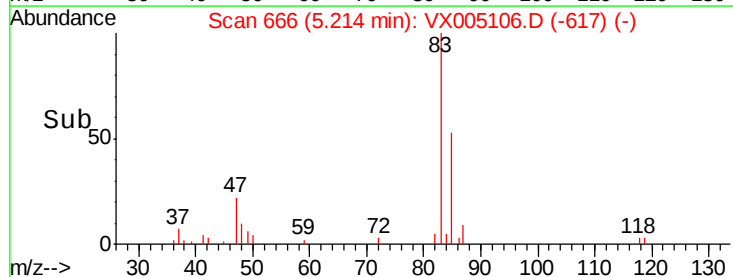
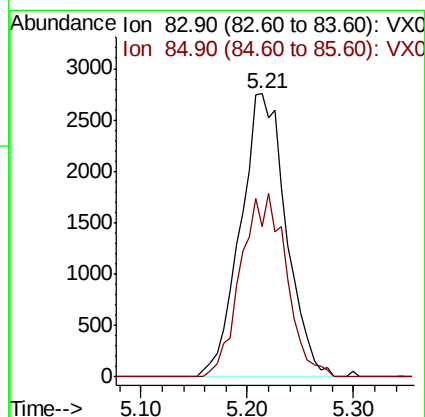
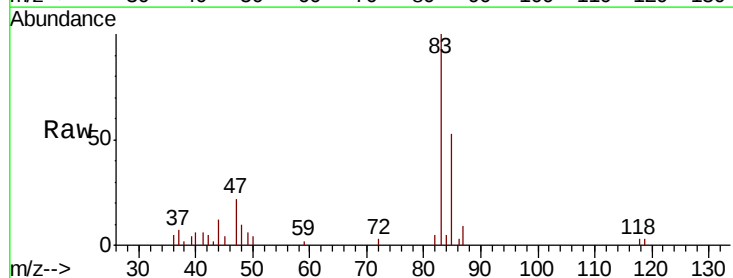
Instrument :
MSVOA_X
ClientSampled :
MT-T-5-8

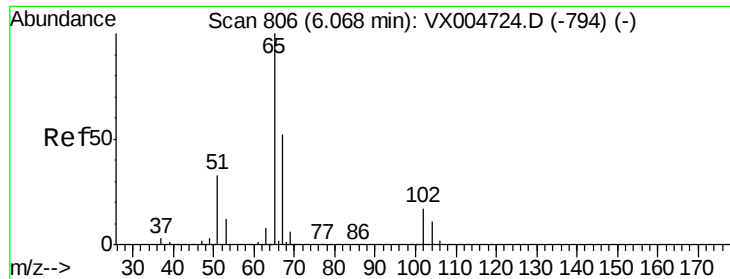
Tot Ion: 43 Resp: 7241
Ion Ratio Lower Upper
43 100
72 24.2 20.8 31.2



#30
Chloroform
Concen: 1.671 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Tgt Ion: 83 Resp: 8296
Ion Ratio Lower Upper
83 100
85 53.1 52.4 78.6





#33

1,2-Dichloroethane-d4

Concen: 51.731 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005106.D

Acq: 06 Oct 2018 09:59

Instrument :

MSVOA_X

ClientSampleId :

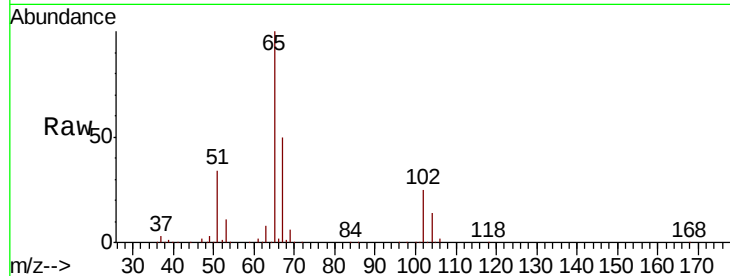
MT-T-5-8

Tot Ion: 65 Resp: 163495

Ion Ratio Lower Upper

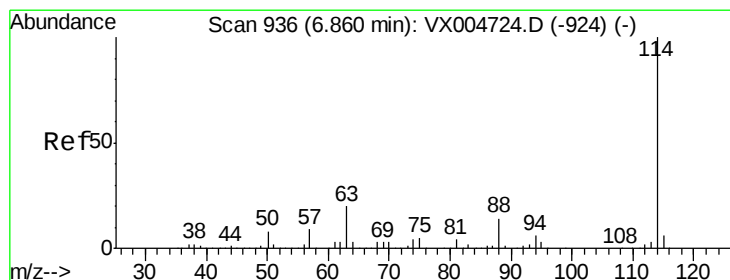
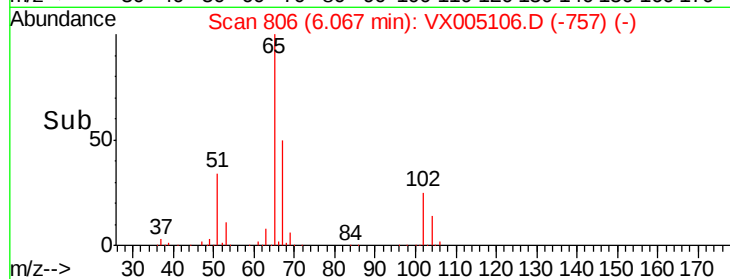
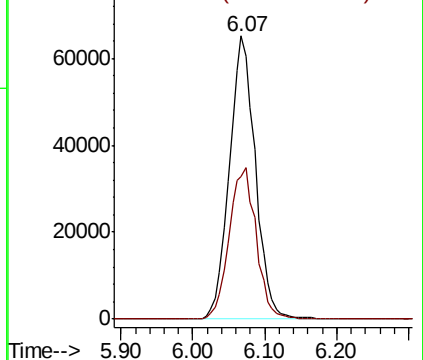
65 100

67 55.8 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005106.D

Acq: 06 Oct 2018 09:59

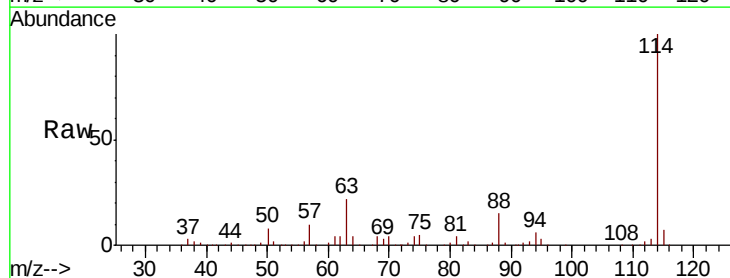
Tgt Ion: 114 Resp: 329262

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.8

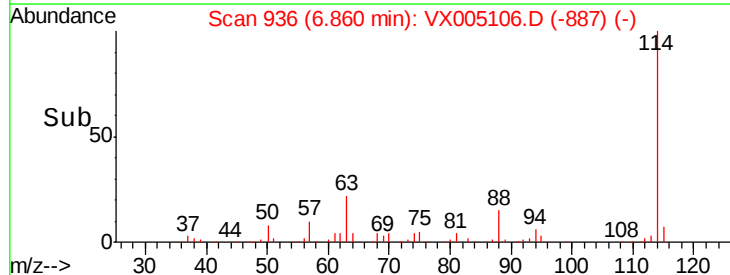
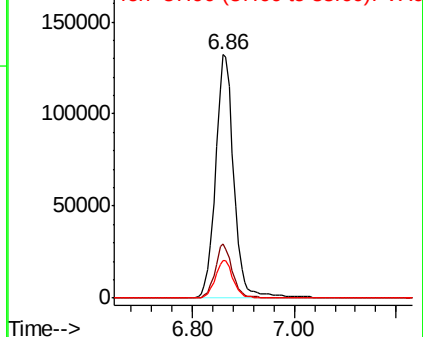
88 15.3 0.0 27.0

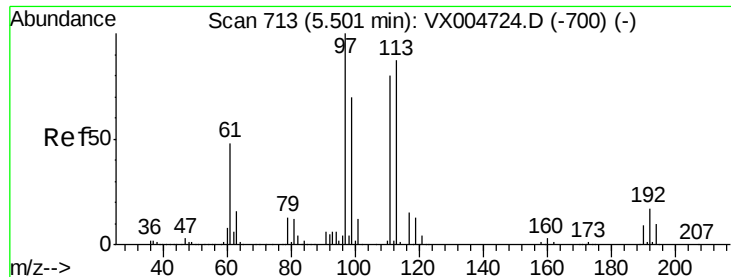


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

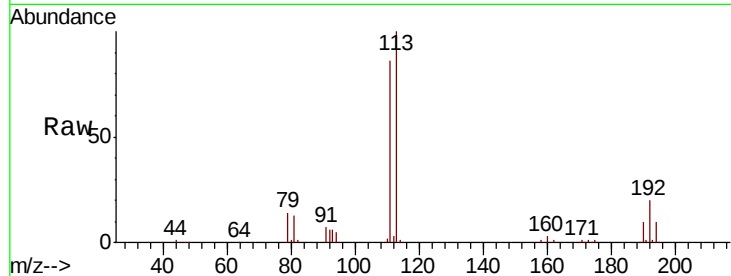




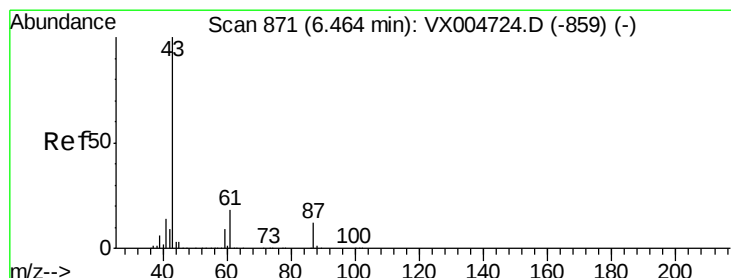
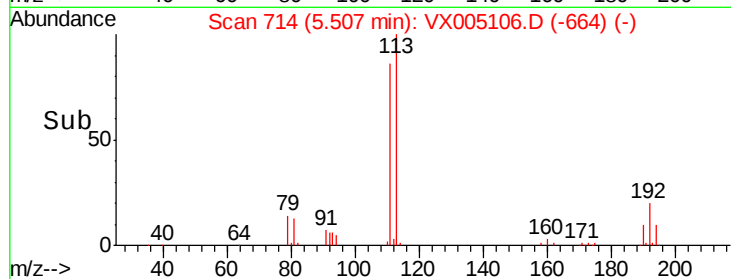
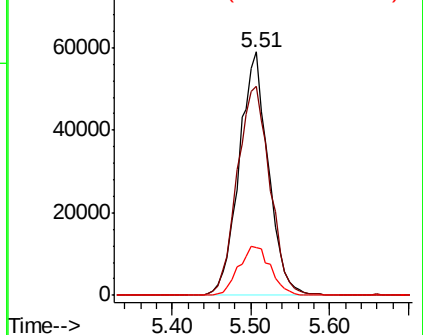
#35
 Dibromofluoromethane
 Concen: 54.523 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005106.D
 Acq: 06 Oct 2018 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 MT-T-5-8

Tot Ion	Ratio	Lower	Upper
113	100		
111	96.0	77.0	115.4
192	22.2	17.0	25.6

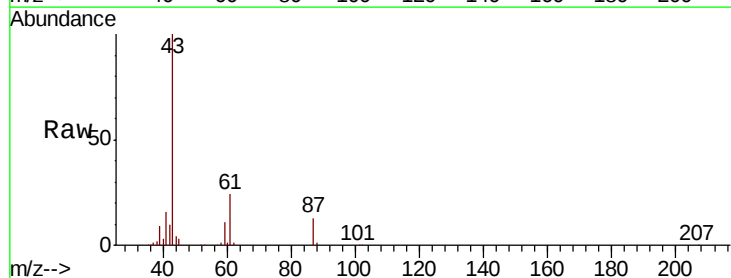


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

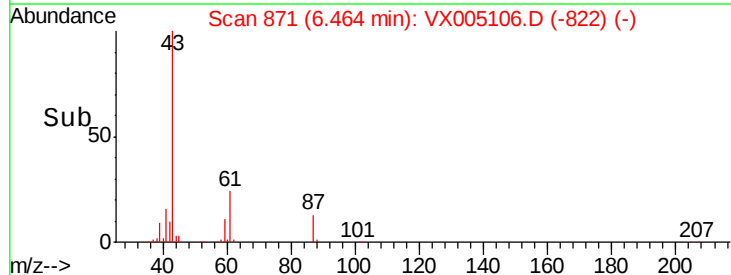
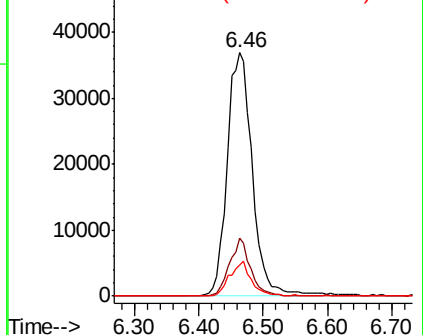


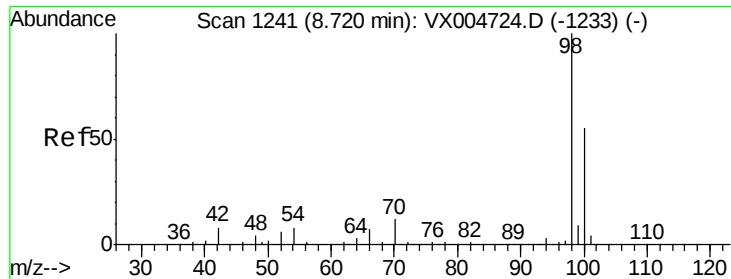
#43
 Isopropyl Acetate
 Concen: 13.915 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX005106.D
 Acq: 06 Oct 2018 09:59

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.7	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

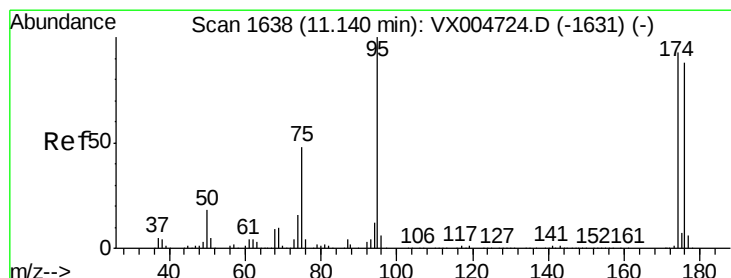
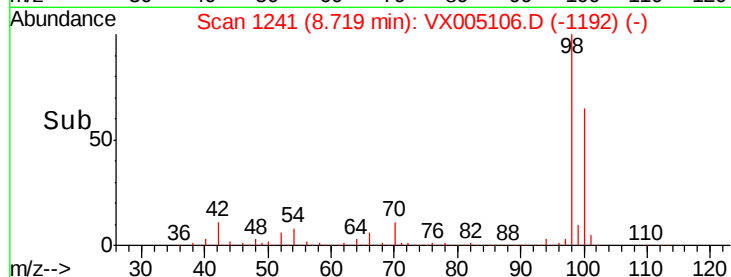
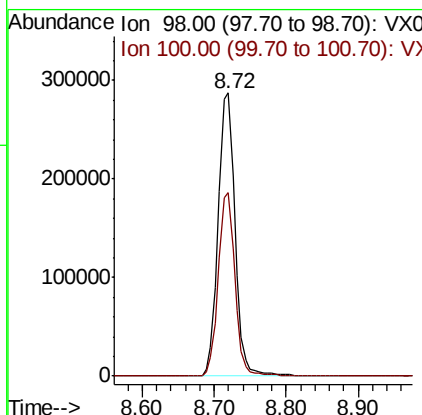
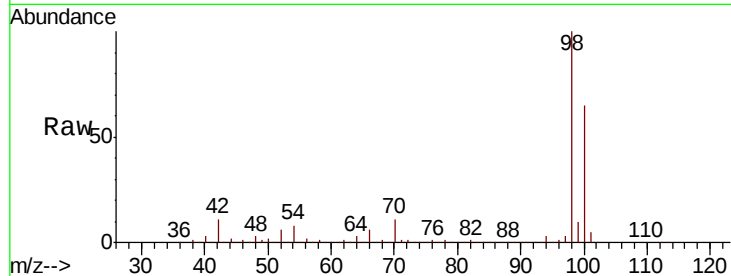




#50
Toluene-d8
Concen: 50.588 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

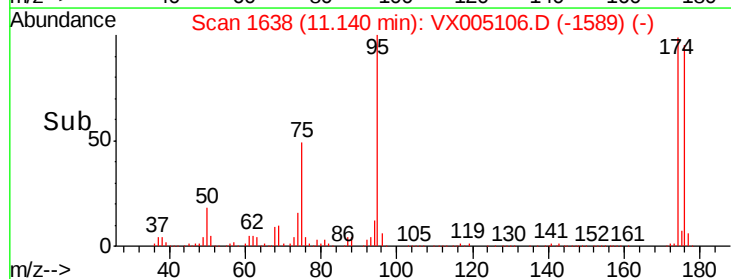
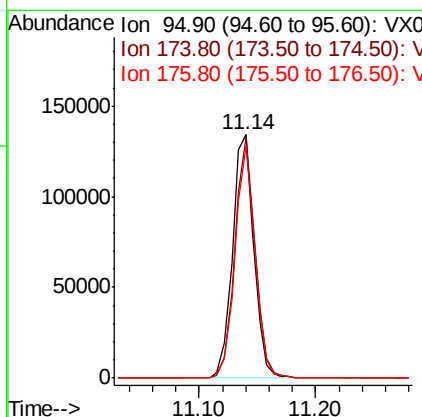
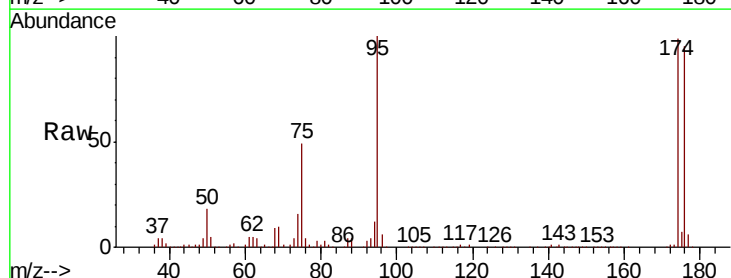
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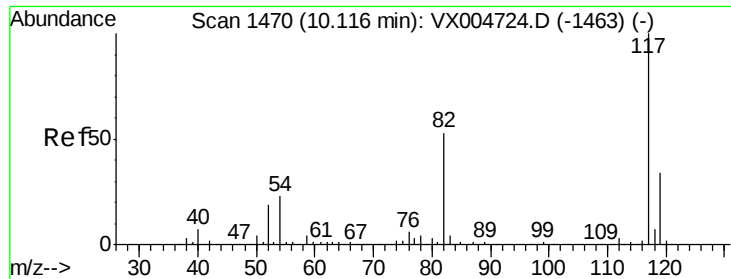
Tot Ion: 98 Resp: 469310
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 51.382 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Tgt Ion: 95 Resp: 171727
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.0
176 89.9 0.0 180.2

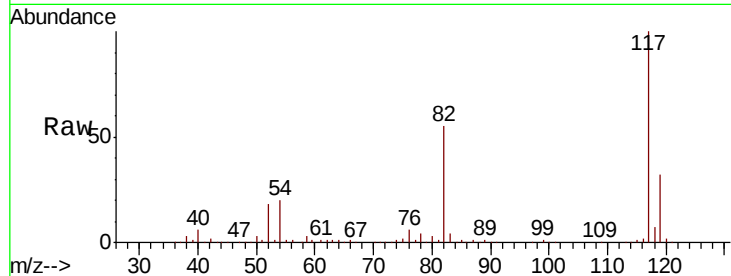




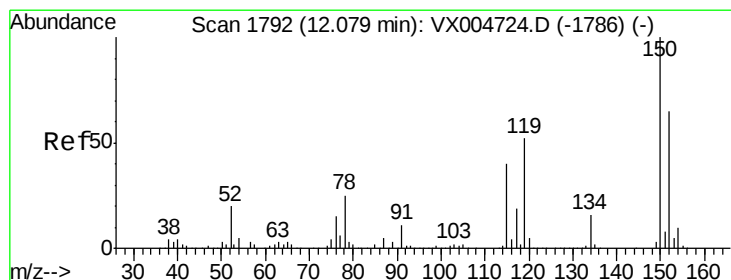
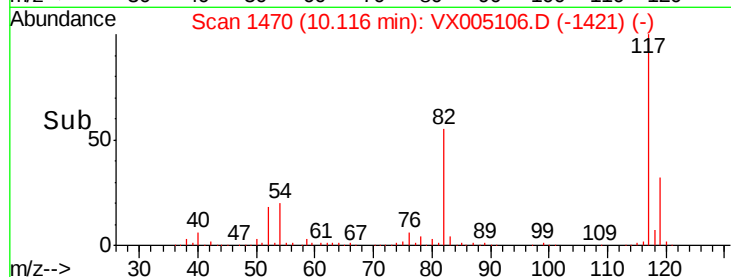
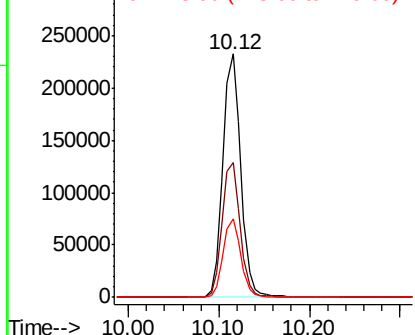
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Instrument :
MSVOA_X
ClientSampled :
MT-T-5-8

Tot Ion:117 Resp: 321508
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.4
119 32.2 27.4 41.0

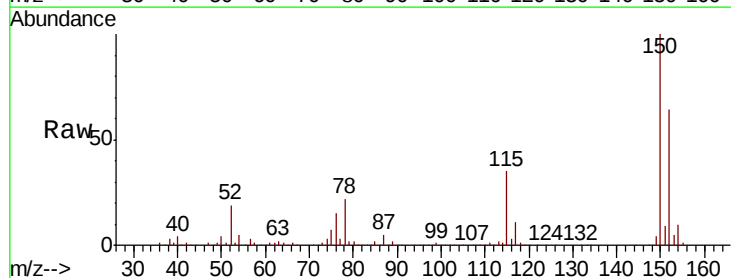


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

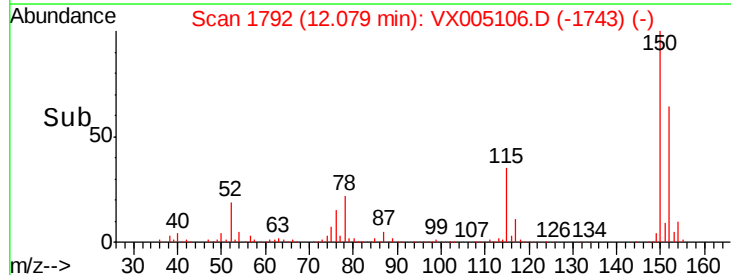
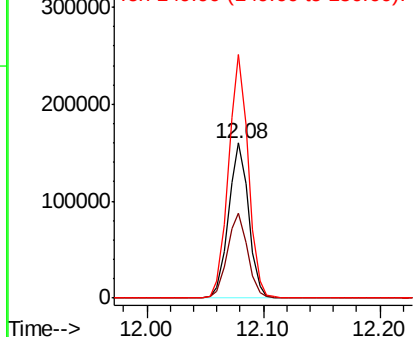


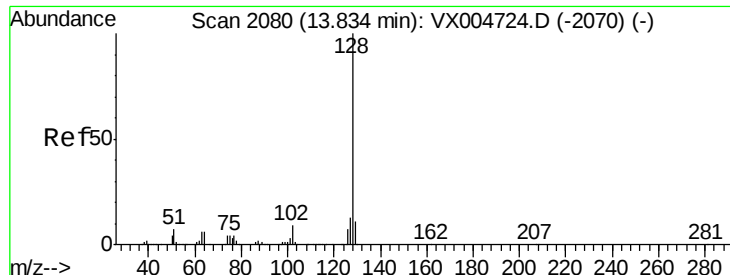
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Tgt Ion:152 Resp: 189864
Ion Ratio Lower Upper
152 100
115 55.1 40.2 120.6
150 155.0 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

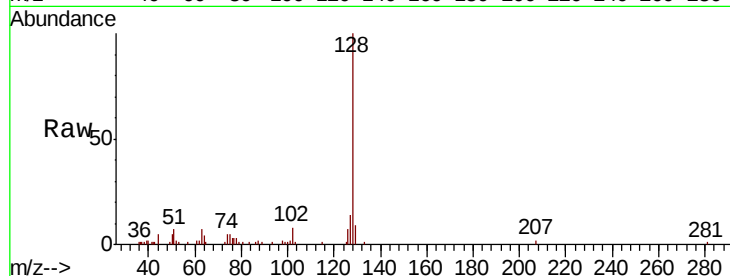




#95
Naphthalene
Concen: 1.277 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005106.D
Acq: 06 Oct 2018 09:59

Instrument :
MSVOA_X
ClientSampleId :
MT-T-5-8

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	11.6	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

