

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021819\
 Data File : VX007596.D
 Acq On : 18 Feb 2019 18:39
 Operator : JC/SP
 Sample : K1513-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WALL-ONE

Quant Time: Feb 19 05:57:12 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

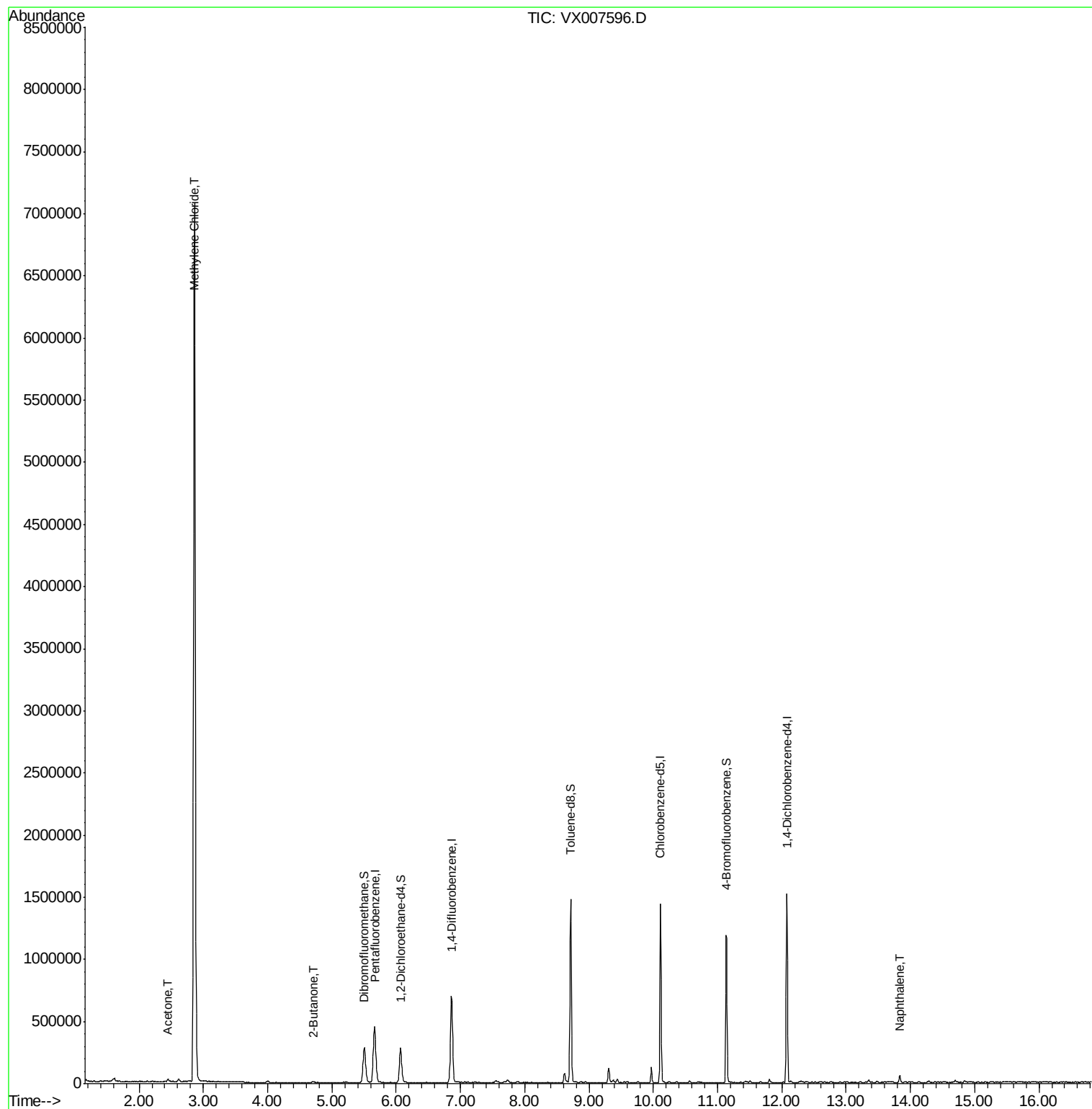
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	459388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	735034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	697237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331192	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	258554	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
35) Dibromofluoromethane	5.51	113	242569	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
50) Toluene-d8	8.71	98	890412	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	308610	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
Target Compounds						
16) Acetone	2.45	43	19319	8.649	ug/l	94
20) Methylene Chloride	2.86	84	3249973	717.612	ug/l	97
25) 2-Butanone	4.71	43	8275	2.603	ug/l	96
95) Naphthalene	13.83	128	35827	1.604	ug/l	99

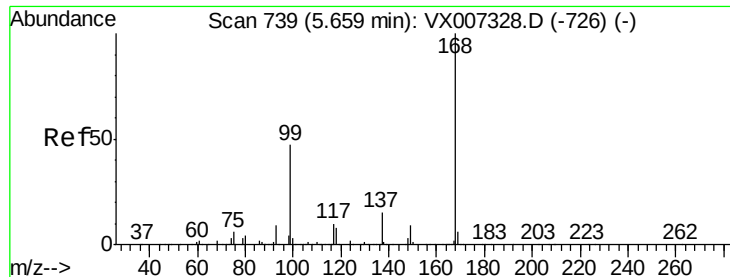
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
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: VX007596.D

Acq: 18 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

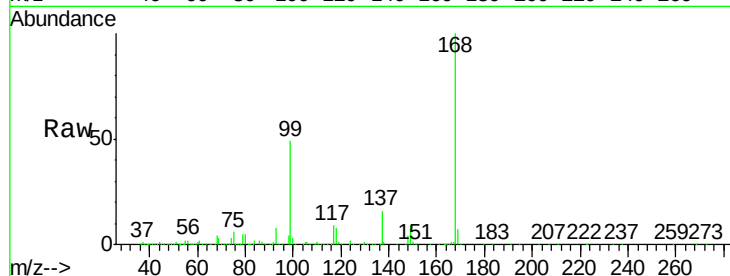
WALL-ONE

Tot Ion:168 Resp: 459388

Ion Ratio Lower Upper

168 100

99 49.3 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

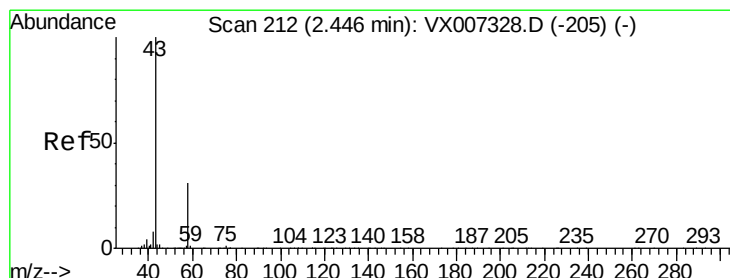
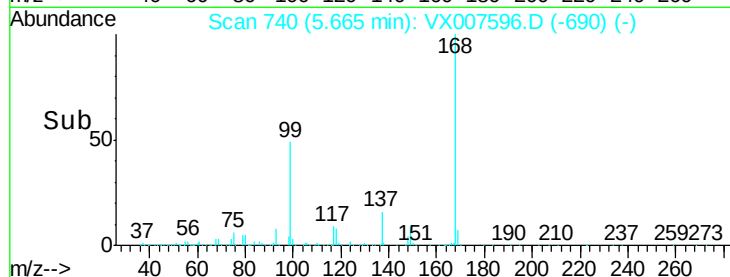
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.649 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007596.D

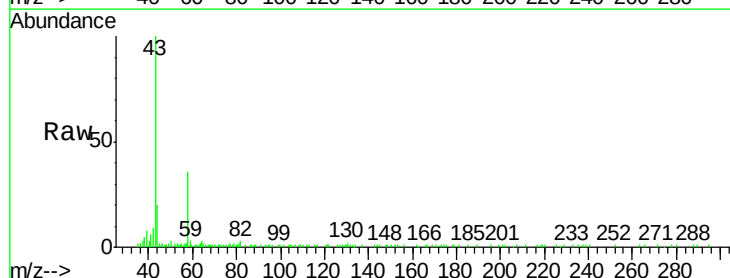
Acq: 18 Feb 2019 18:39

Tgt Ion: 43 Resp: 19319

Ion Ratio Lower Upper

43 100

58 34.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

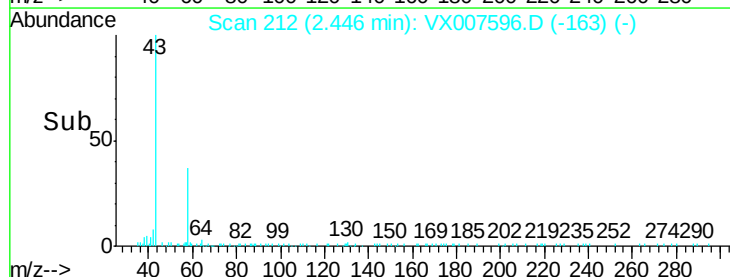
6000

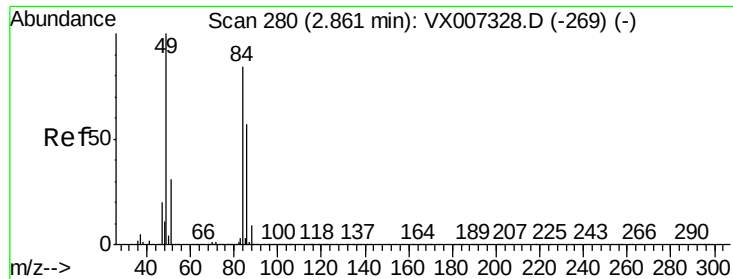
4000

2000

0

Time-->



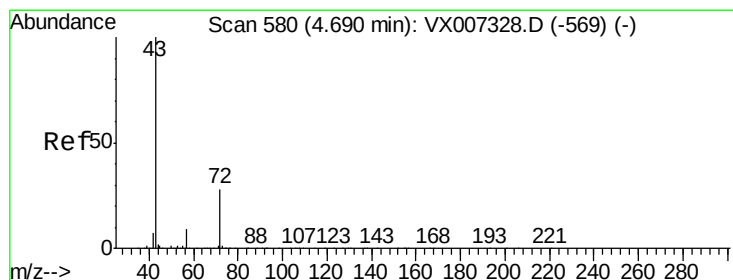
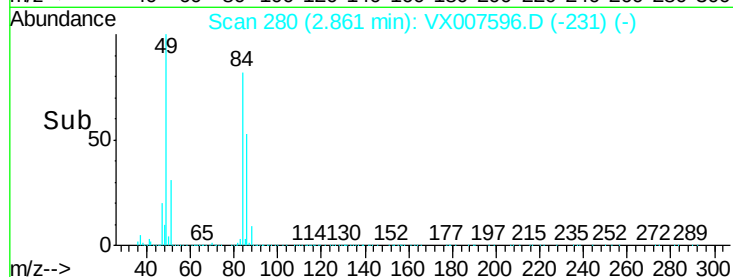
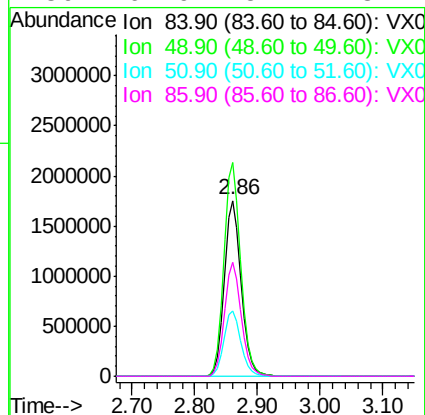
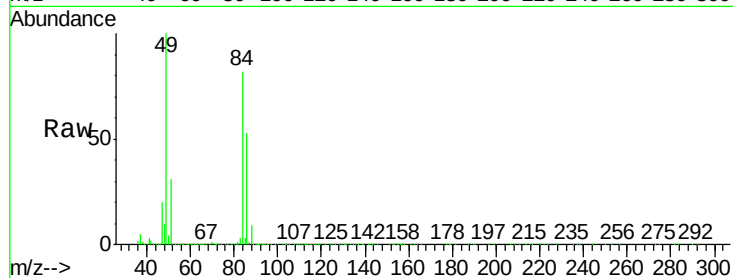


#20
Methvlene Chloride
Concen: 717.612 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

Instrument :
MSVOA_X
ClientSampleId :
WALL-ONE

Tot Ion: 84 Resp: 3249973

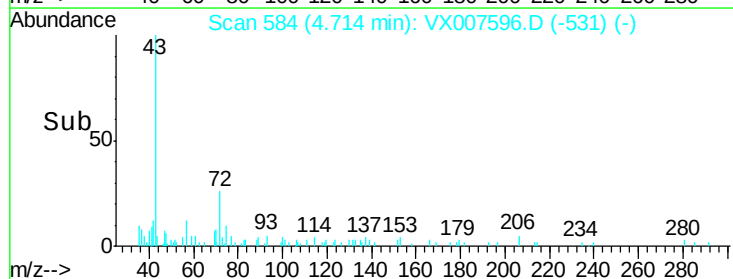
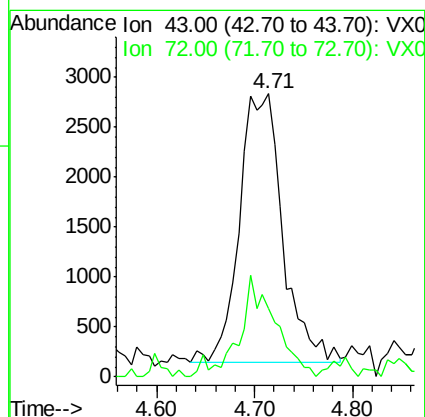
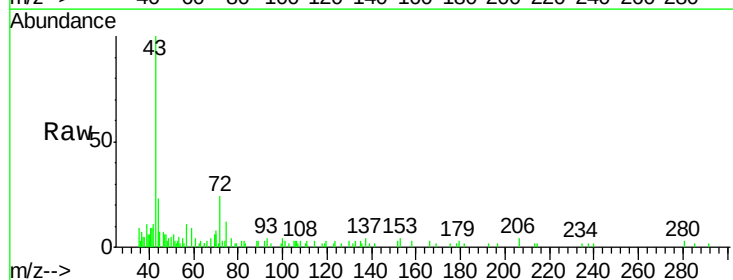
Ion	Ratio	Lower	Upper
84	100		
49	121.7	94.8	142.2
51	37.4	29.8	44.8
86	64.9	54.1	81.1

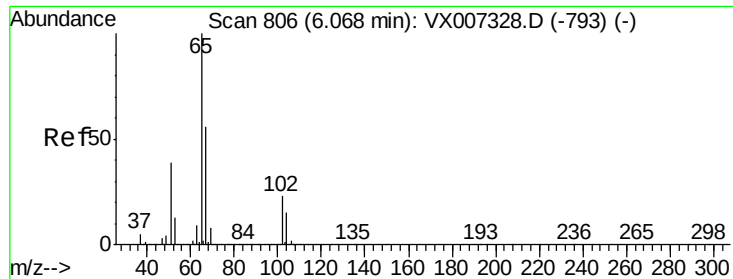


#25
2-Butanone
Concen: 2.603 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.02 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

Tgt Ion: 43 Resp: 8275

Ion	Ratio	Lower	Upper
43	100		
72	25.4	22.2	33.2





#33

1,2-Dichloroethane-d4

Concen: 53.025 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007596.D

Acq: 18 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampled :

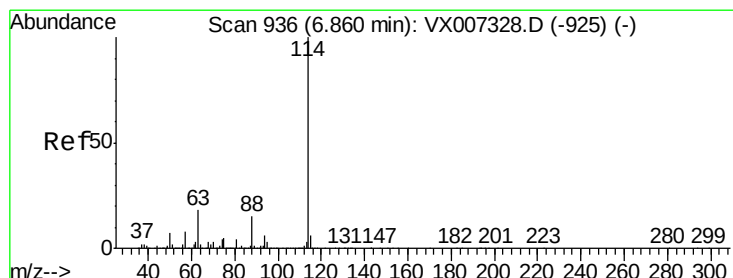
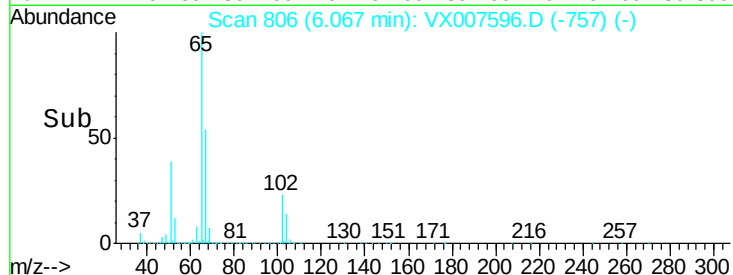
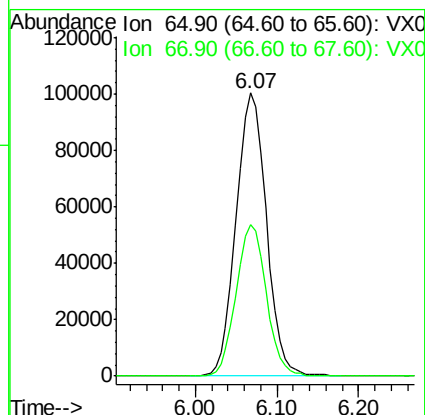
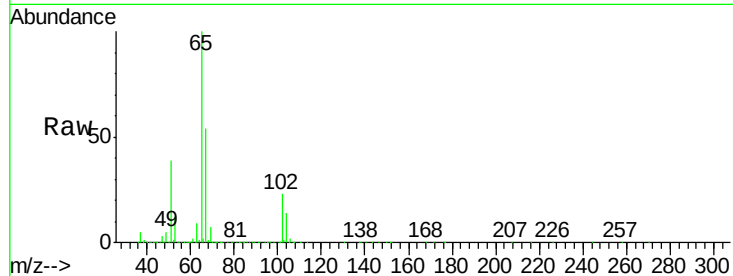
WALL-ONE

Tot Ion: 65 Resp: 258554

Ion Ratio Lower Upper

65 100

67 53.0 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: VX007596.D

Acq: 18 Feb 2019 18:39

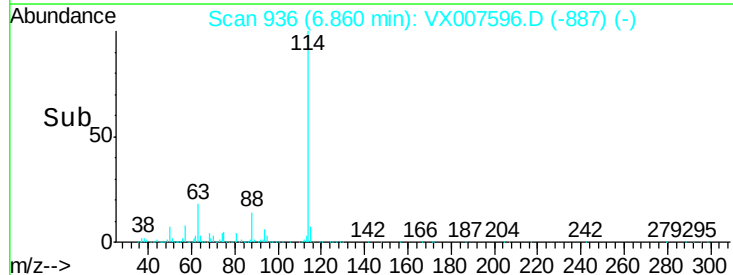
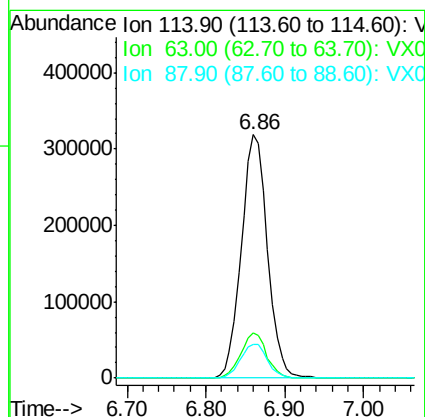
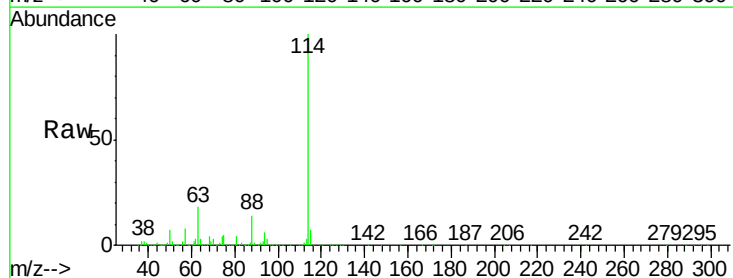
Tgt Ion: 114 Resp: 735034

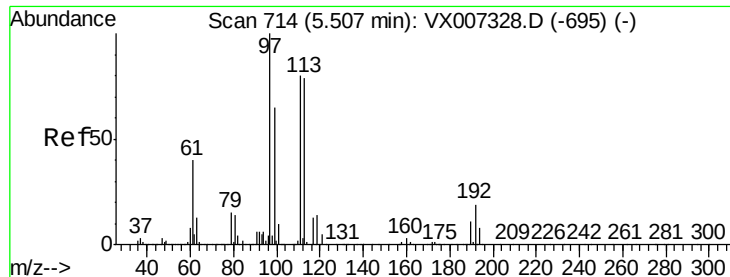
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.719 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX007596.D

Acq: 18 Feb 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

WALL-ONE

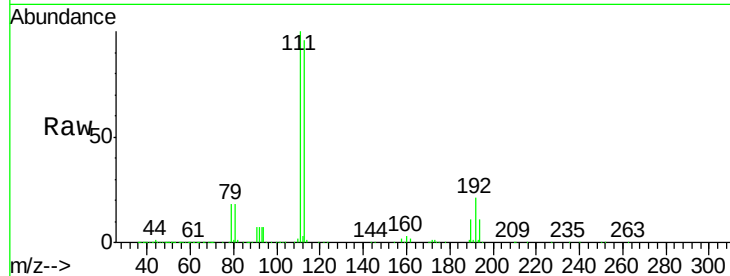
Tot Ion:113 Resp: 242569

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

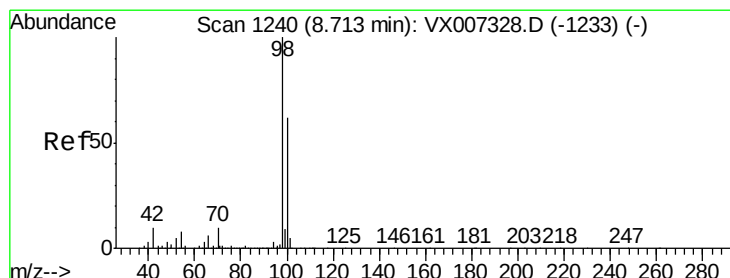
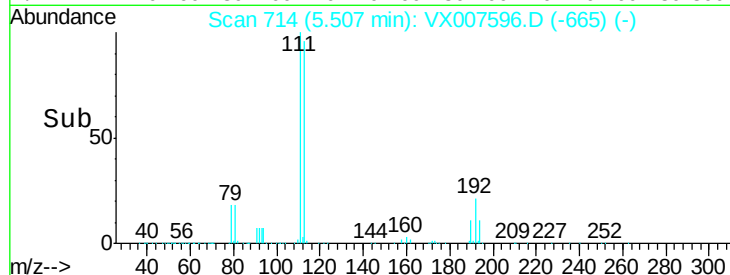
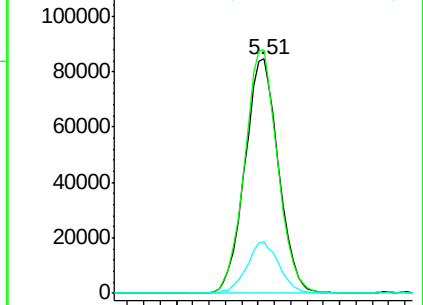
192 21.4 18.5 27.7



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: 50.180 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007596.D

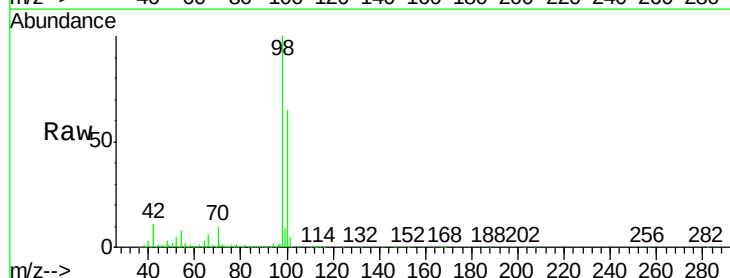
Acq: 18 Feb 2019 18:39

Tgt Ion: 98 Resp: 890412

Ion Ratio Lower Upper

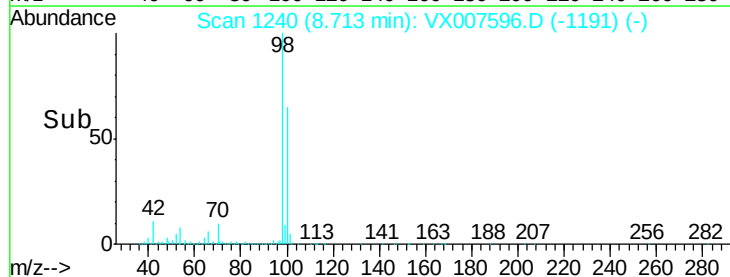
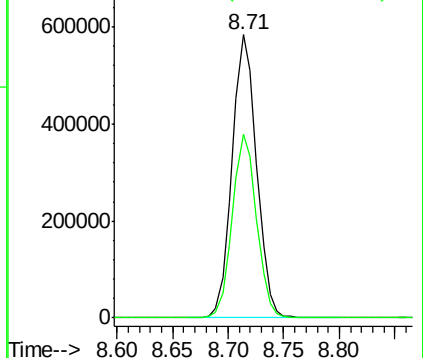
98 100

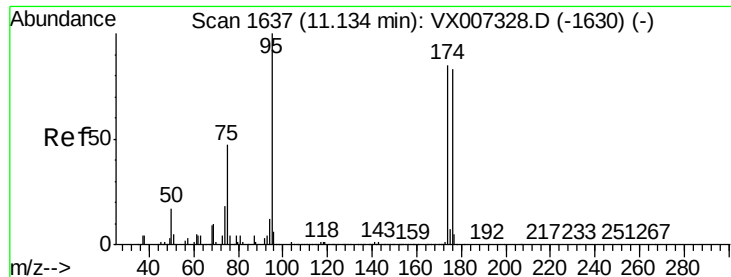
100 64.2 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

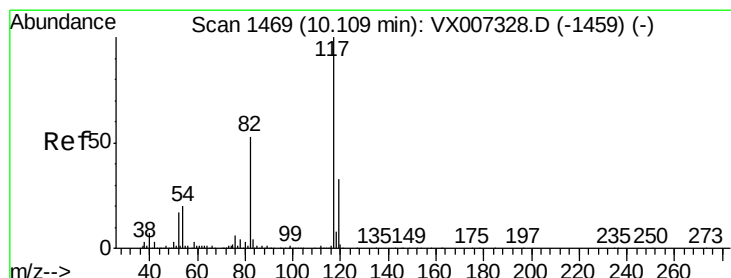
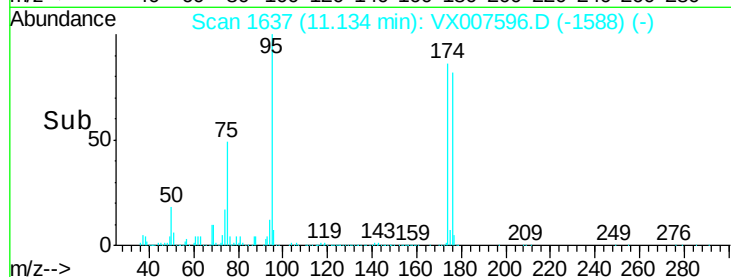
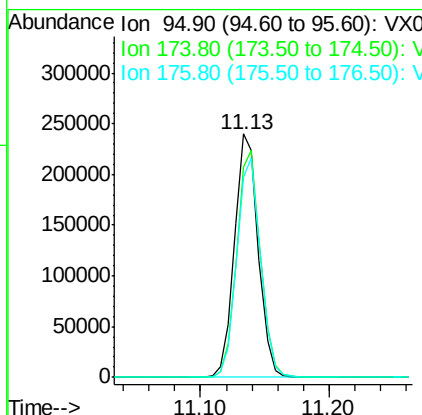
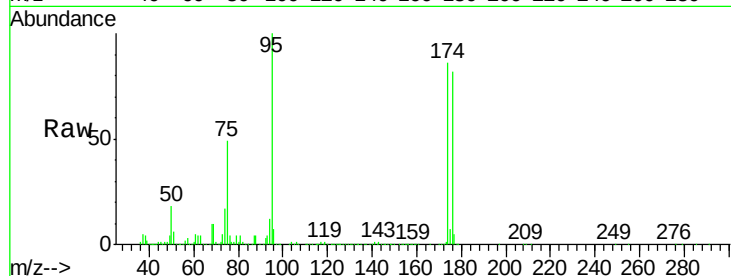




#62
4-Bromofluorobenzene
Concen: 47.636 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

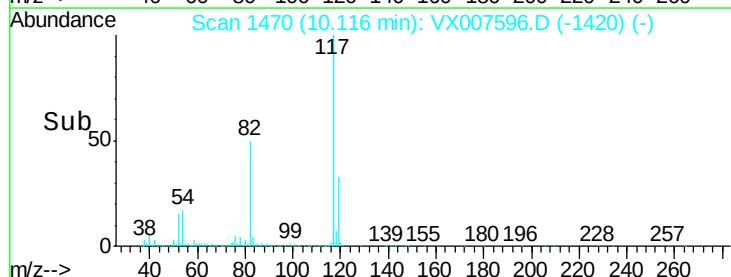
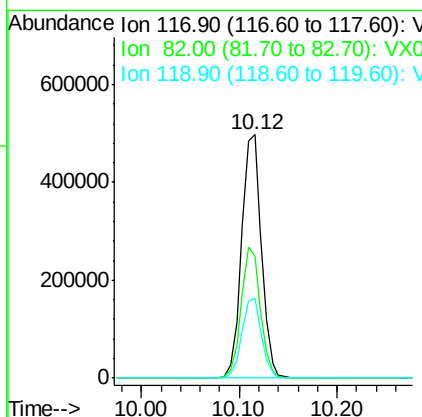
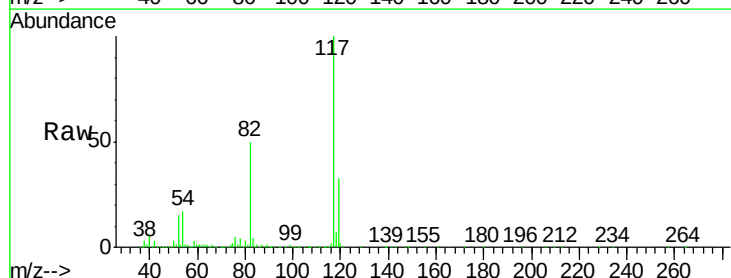
Instrument :
MSVOA_X
ClientSampleId :
WALL-ONE

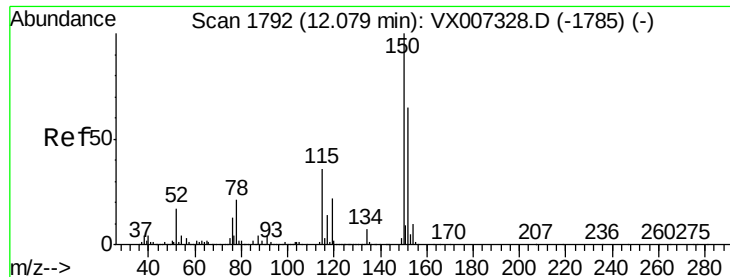
Tot Ion: 95 Resp: 308610
Ion Ratio Lower Upper
95 100
174 92.7 0.0 189.2
176 89.7 0.0 186.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

Tgt Ion: 117 Resp: 697237
Ion Ratio Lower Upper
117 100
82 49.9 42.1 63.1
119 32.6 26.5 39.7



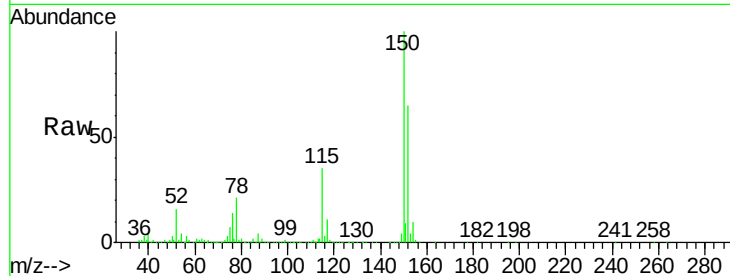


#72

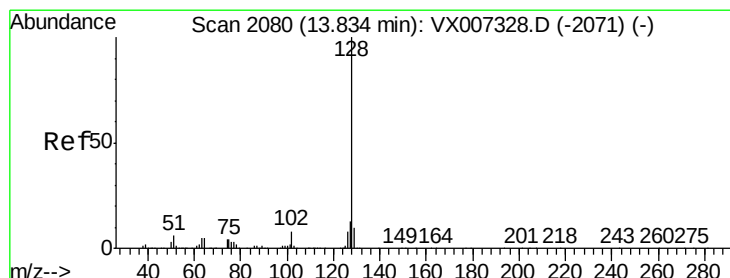
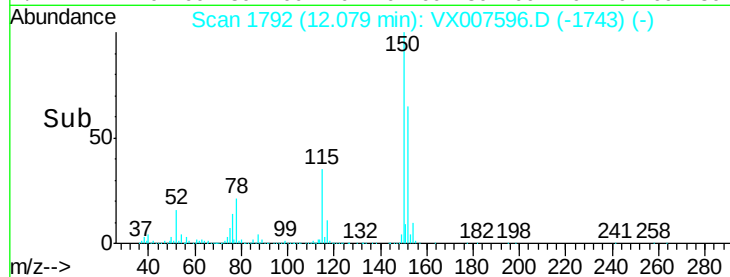
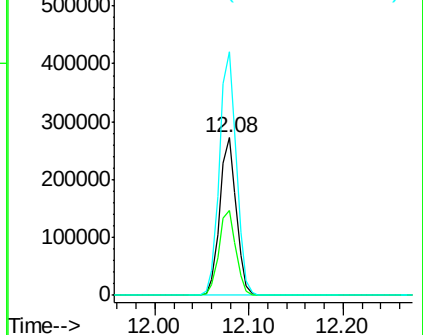
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

Instrument :
MSVOA_X
ClientSampled :
WALL-ONE

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.3	38.0	114.0
150	158.5	0.0	346.4



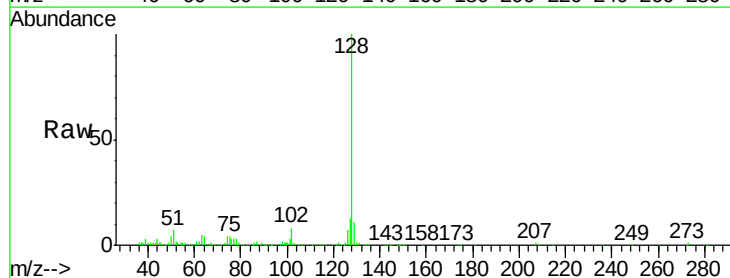
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 1.604 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007596.D
Acq: 18 Feb 2019 18:39

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.2	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

