

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015596.D
 Acq On : 09 Apr 2020 15:01
 Operator : JC/SP
 Sample : L2190-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M-16-200406

Quant Time: Apr 10 07:18:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

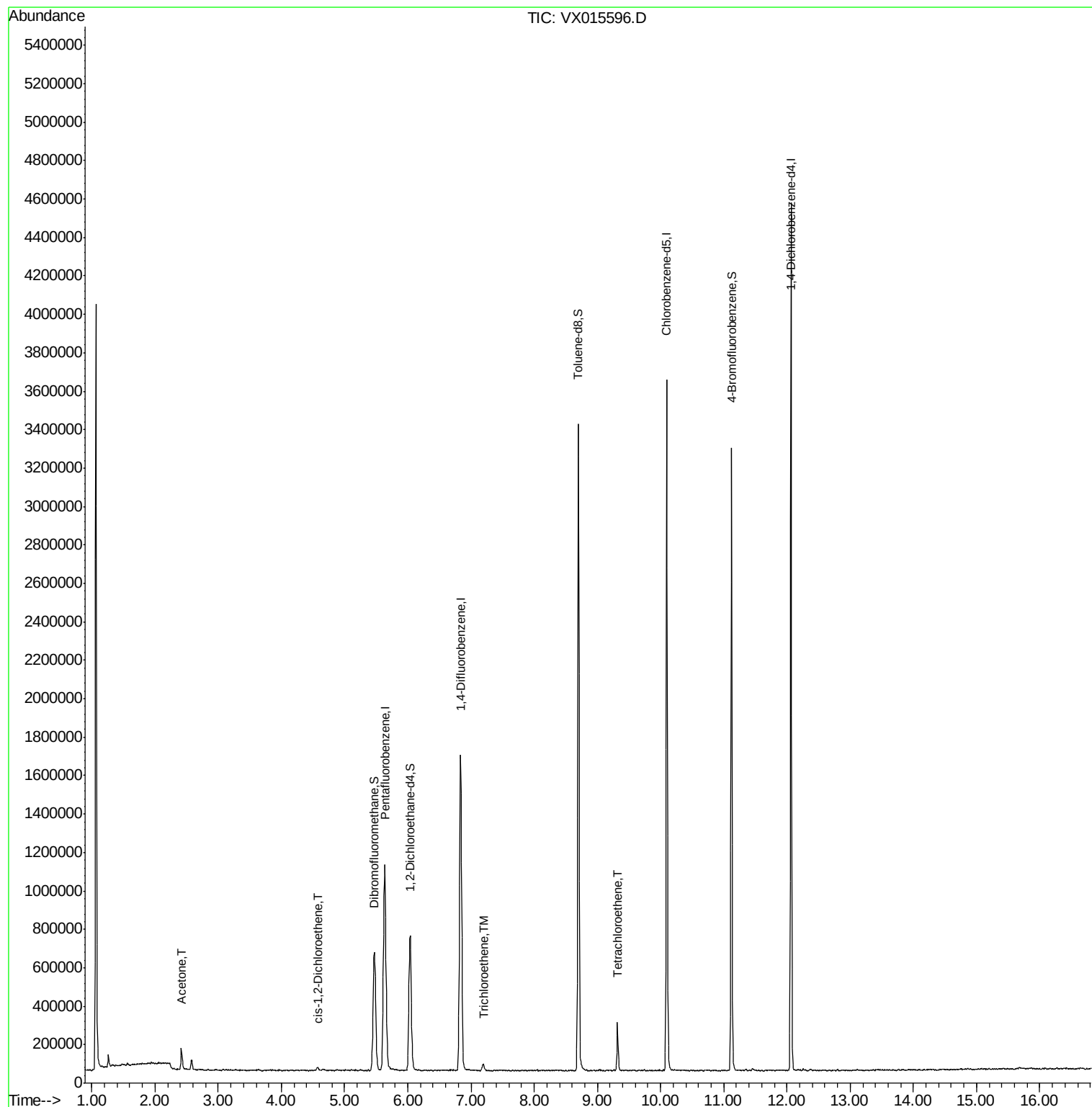
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1070343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1652558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1578905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	878372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	694255	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	5.47	113	518249	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.70	98	1994496	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	863021	54.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.20%	
Target Compounds						
16) Acetone	2.42	43	119271	18.390	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	11201	0.863	ug/l	81
44) Trichloroethene	7.20	130	15833	1.302	ug/l	84
64) Tetrachloroethene	9.32	164	49369	4.143	ug/l	94

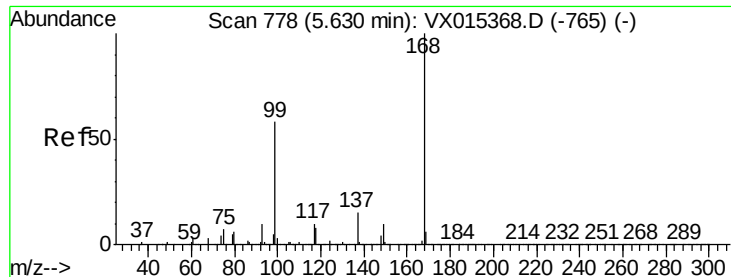
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
M-16-200406

Quant Time: Apr 10 07:18:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015596.D

Acq: 09 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

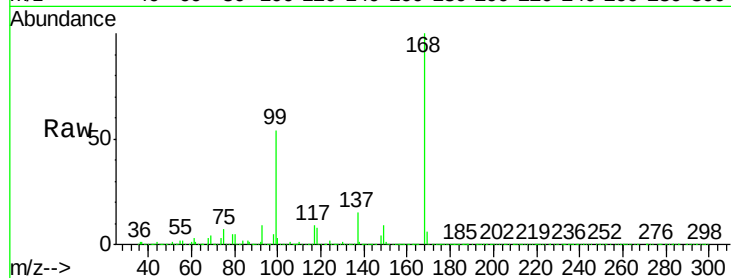
M-16-200406

Tot Ion:168 Resp: 1070343

Ion Ratio Lower Upper

168 100

99 53.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

200000

100000

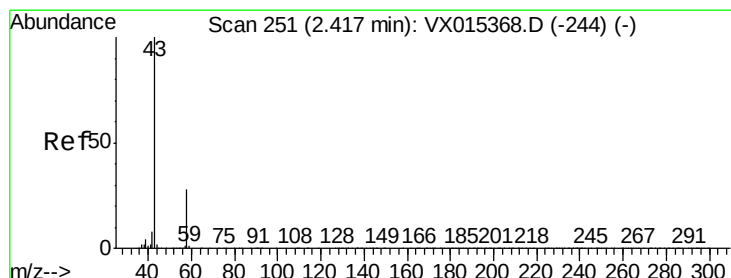
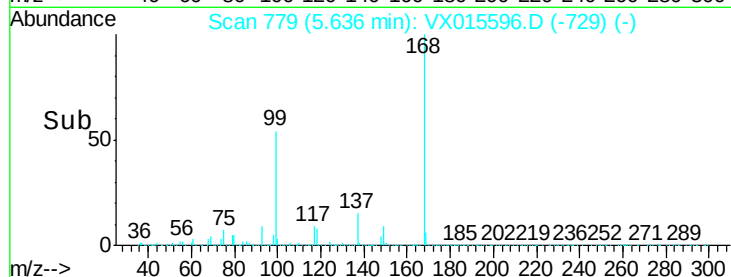
0

5.50

5.60

5.70

Time-->



#16

Acetone

Concen: 18.390 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015596.D

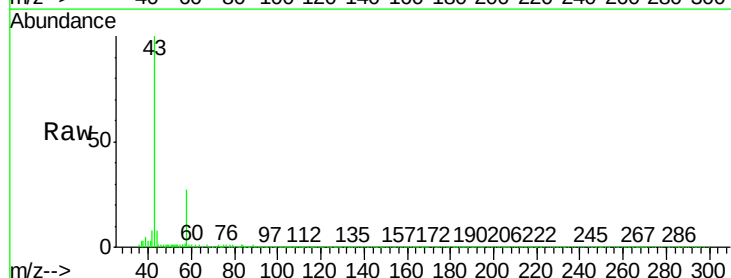
Acq: 09 Apr 2020 15:01

Tgt Ion: 43 Resp: 119271

Ion Ratio Lower Upper

43 100

58 26.9 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

80000

60000

40000

20000

0

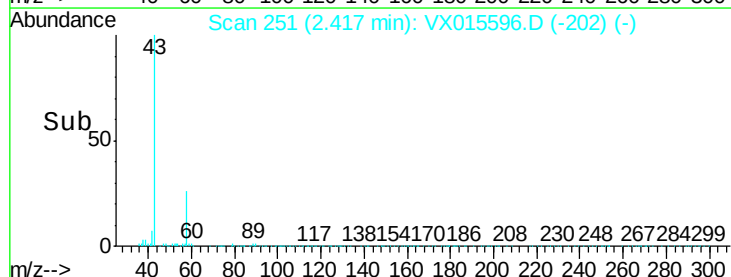
2.35

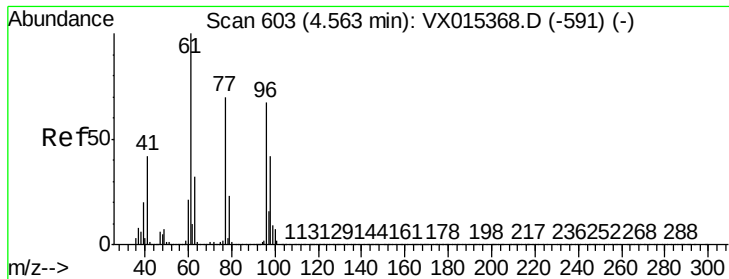
2.40

2.45

2.50

Time-->



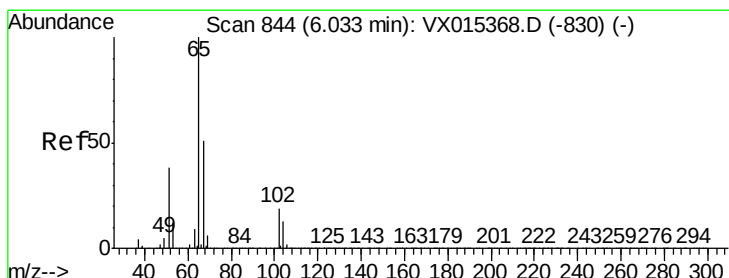
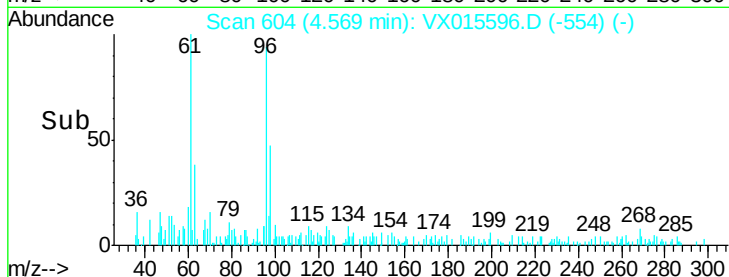
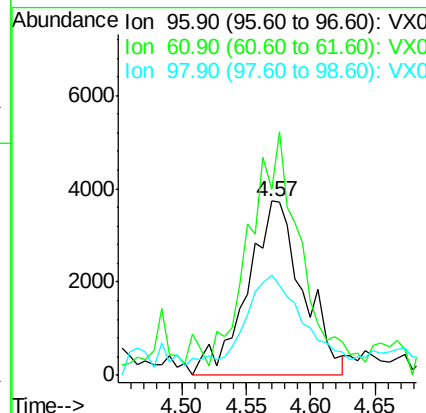
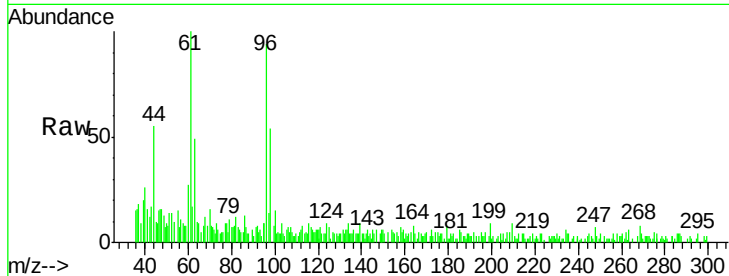


#27

cis-1,2-Dichloroethene
Concen: 0.863 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

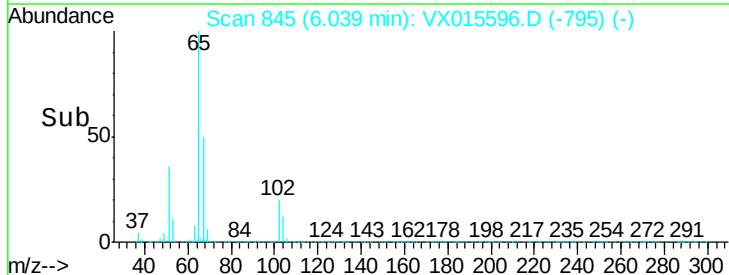
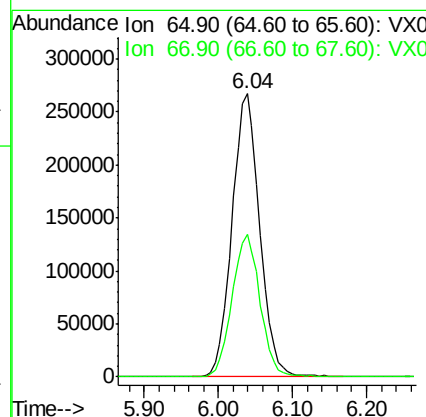
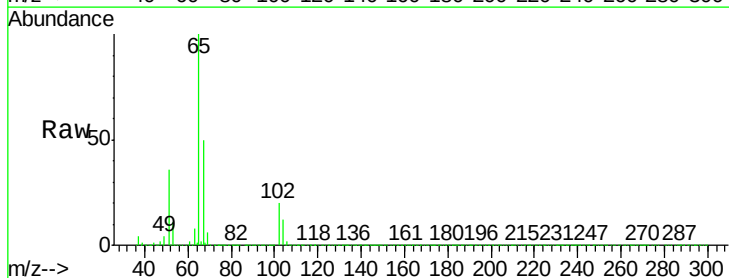
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.9	0.0	308.4
98	54.7	0.0	129.2

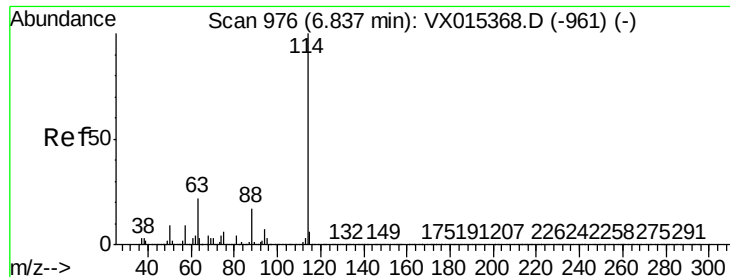


#33

1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6

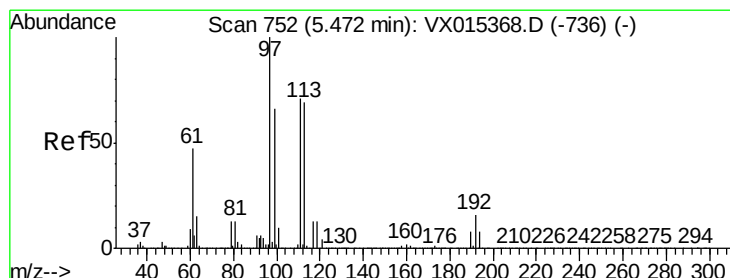
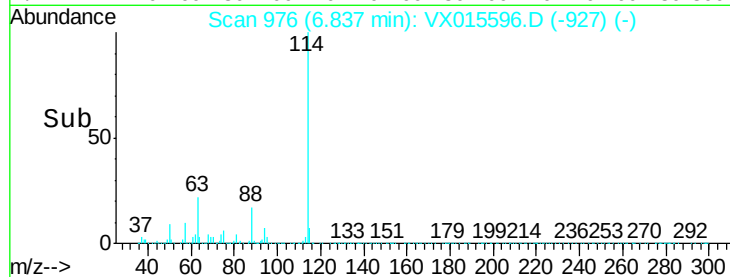
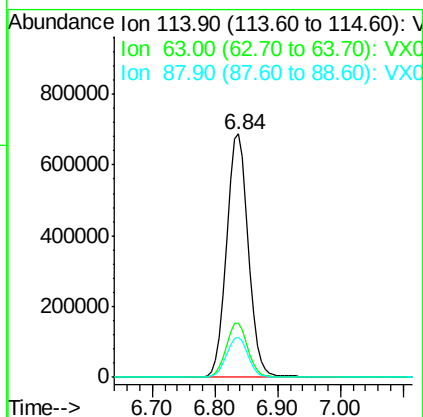
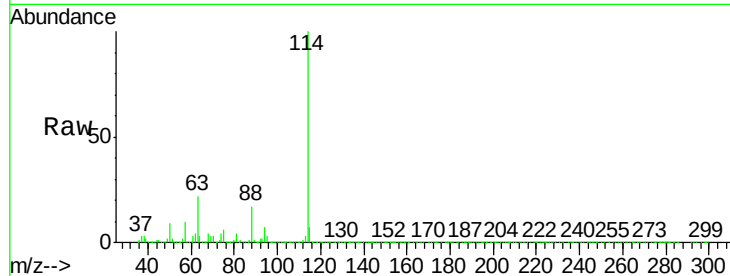




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015596.D
 Acq: 09 Apr 2020 15:01

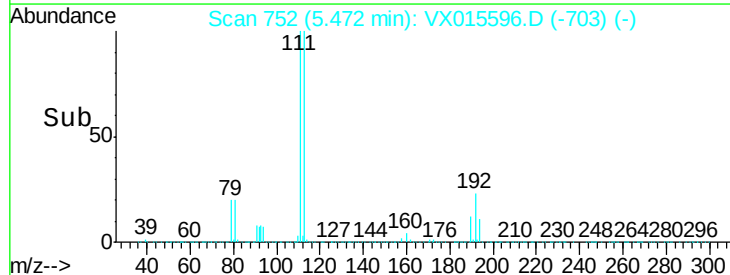
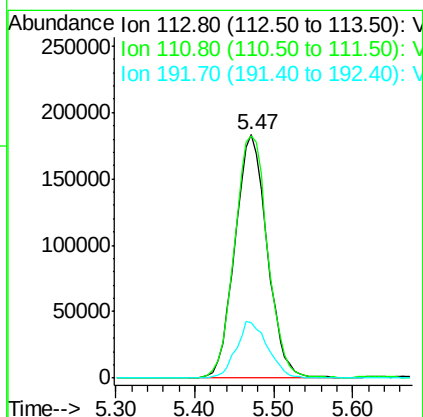
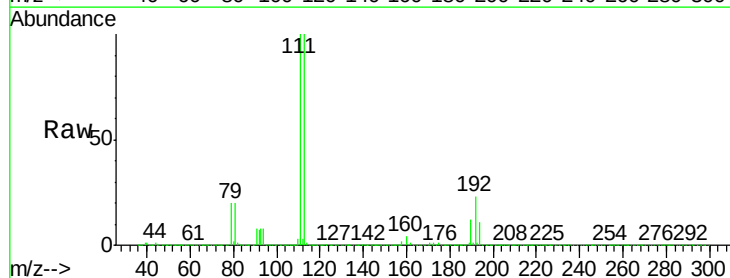
Instrument :
 MSVOA_X
 ClientSampleId :
 M-16-200406

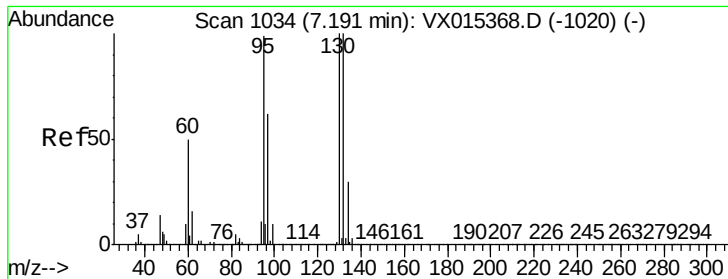
Tot Ion:114 Resp: 1652558
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.2
 88 16.6 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 49.060 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015596.D
 Acq: 09 Apr 2020 15:01

Tgt Ion:113 Resp: 518249
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 22.6 17.8 26.6





#44

Trichloroethene

Concen: 1.302 ug/l

RT: 7.20 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX015596.D

Acq: 09 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

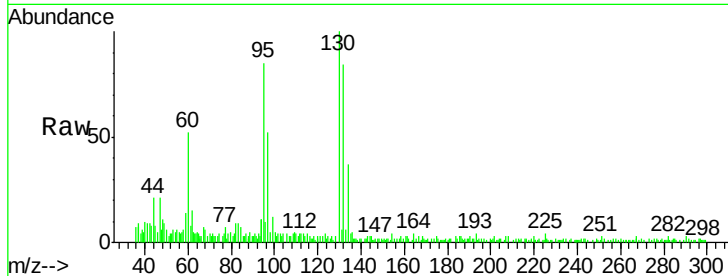
M-16-200406

Tot Ion:130 Resp: 15833

Ion Ratio Lower Upper

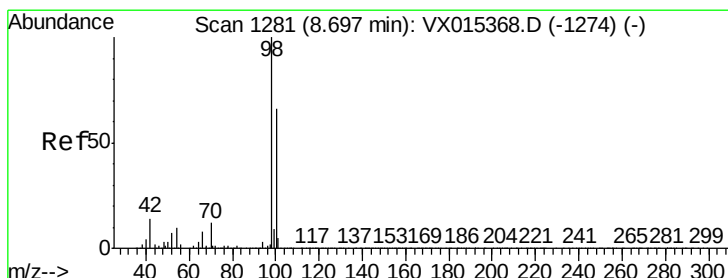
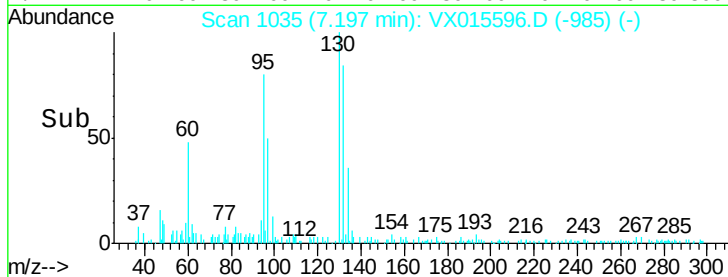
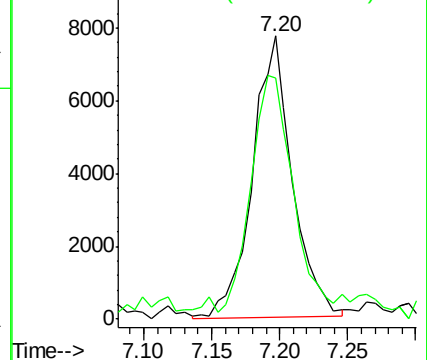
130 100

95 83.6 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.282 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015596.D

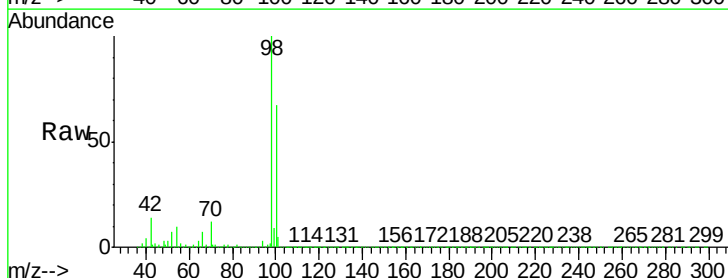
Acq: 09 Apr 2020 15:01

Tgt Ion: 98 Resp: 1994496

Ion Ratio Lower Upper

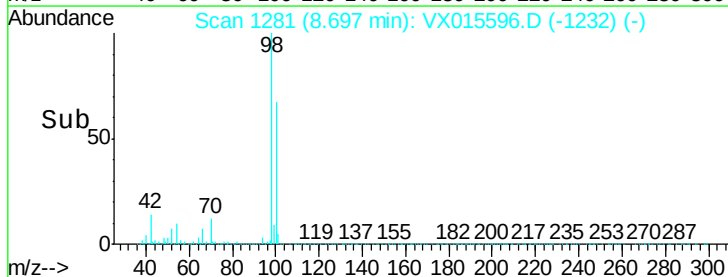
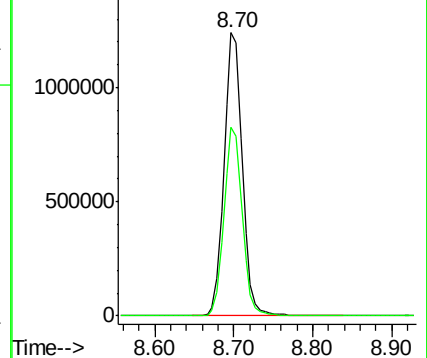
98 100

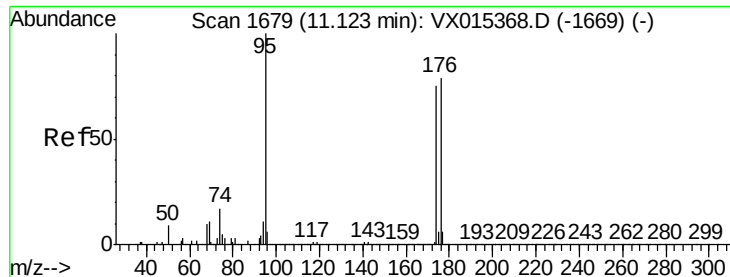
100 66.9 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.601 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015596.D

Acq: 09 Apr 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

M-16-200406

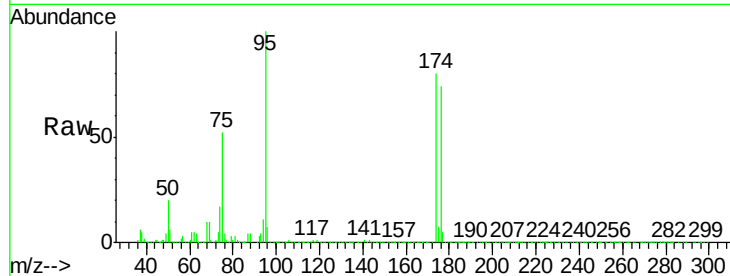
Tot Ion: 95 Resp: 863021

Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.6

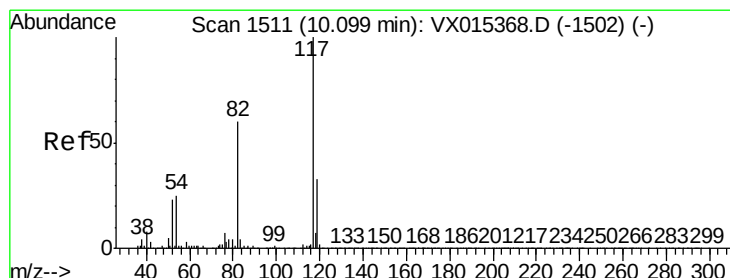
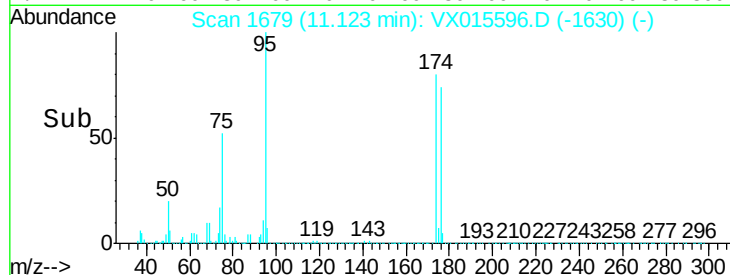
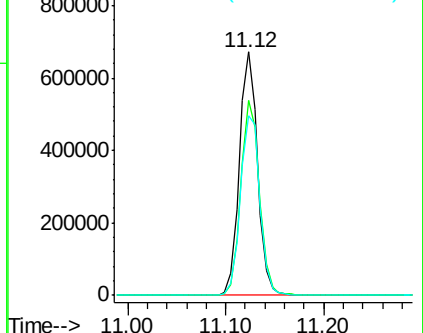
176 79.1 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015596.D

Acq: 09 Apr 2020 15:01

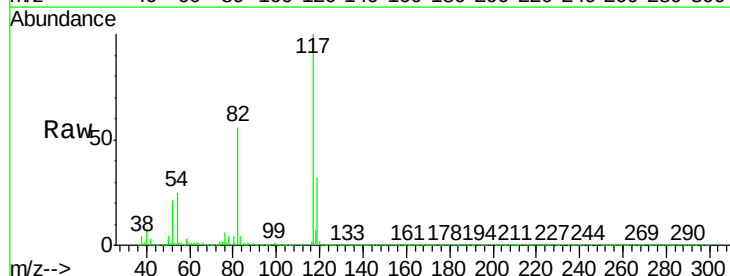
Tgt Ion: 117 Resp: 1578905

Ion Ratio Lower Upper

117 100

82 55.7 47.8 71.8

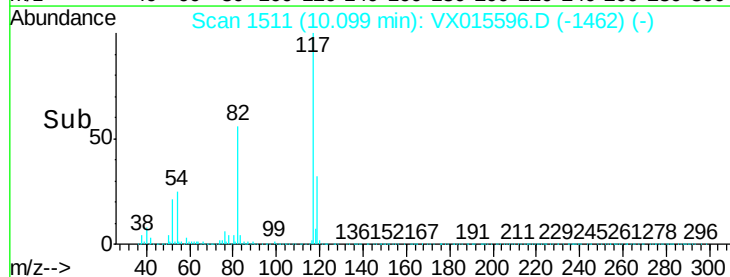
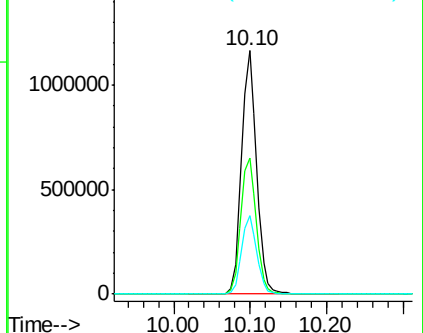
119 32.1 26.8 40.2

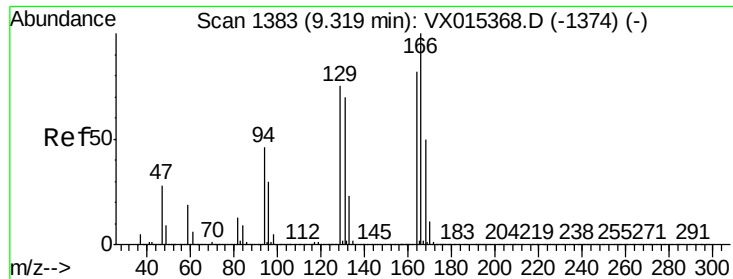


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

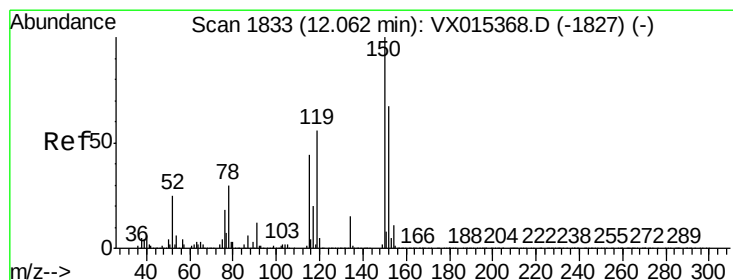
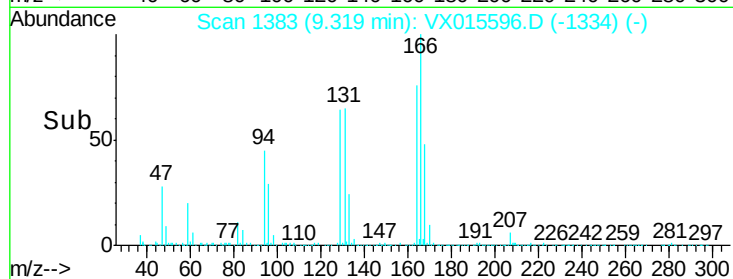
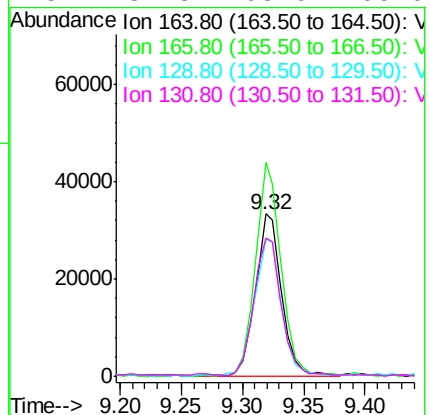
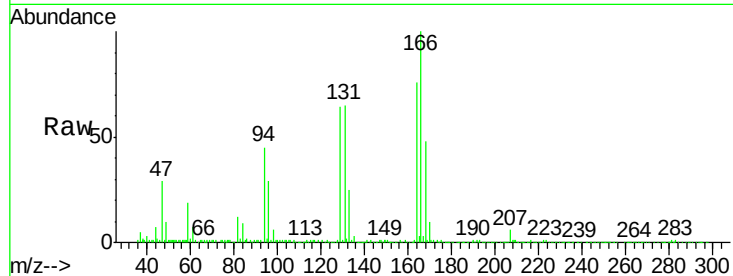




#64
Tetrachloroethene
Concen: 4.143 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
M-16-200406

Tot Ion:	164	Resp:	49369
Ion	Ratio	Lower	Upper
164	100		
166	131.6	97.8	146.6
129	84.3	73.0	109.4
131	84.8	68.6	103.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015596.D
Acq: 09 Apr 2020 15:01

Tgt Ion:	152	Resp:	878372
Ion	Ratio	Lower	Upper
152	100		
115	57.9	39.0	116.9
150	161.2	0.0	340.8

