

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060372.D
 Acq On : 28 Sep 2018 17:35
 Operator : VA/AP
 Sample : J4771-05
 Misc : 5.23/5mL/MSVOA F/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-092718

Quant Time: Oct 01 15:50:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

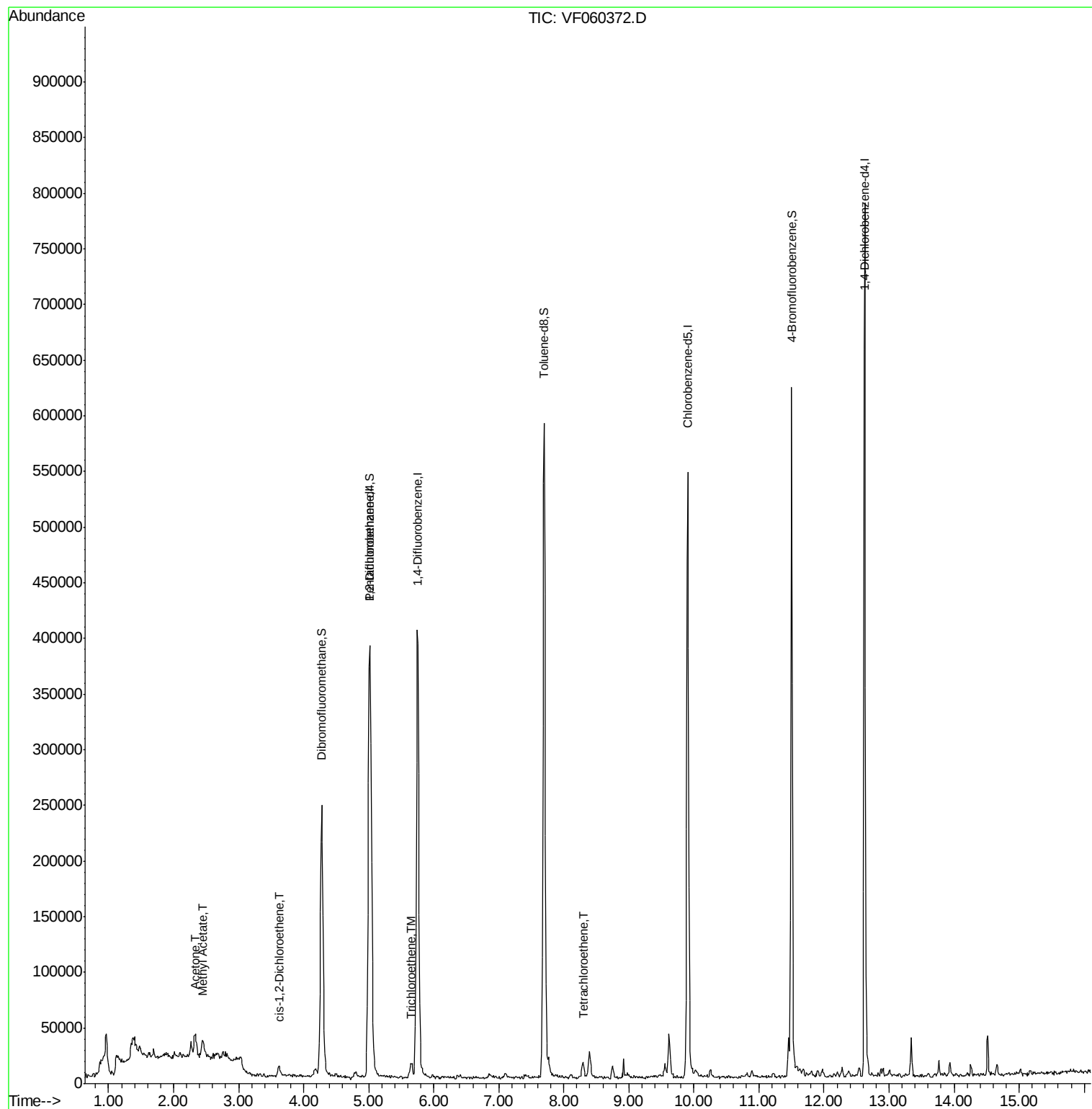
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	246063	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.75	114	425951	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.91	117	367104	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	192391	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	221507	66.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.70%	
35) Dibromofluoromethane	4.28	113	213693	56.28	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	7.70	98	496948	50.26	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.50	95	220809	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
Target Compounds						
16) Acetone	2.33	43	21008	22.514	ug/l	95
18) Methyl Acetate	2.44	43	30521	19.634	ug/l	93
27) cis-1,2-Dichloroethene	3.63	96	5195	1.367	ug/l	82
44) Trichloroethene	5.66	130	5638	1.572	ug/l	89
64) Tetrachloroethene	8.29	164	3960	1.190	ug/l #	82

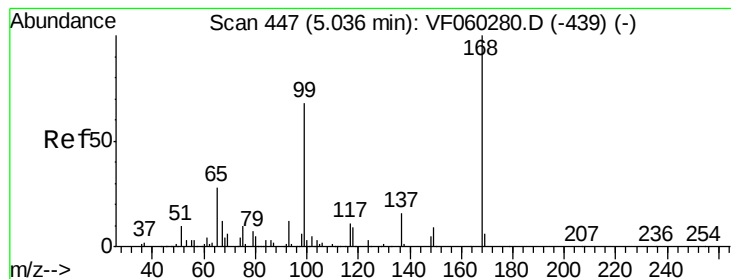
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060372.D

Acq: 28 Sep 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

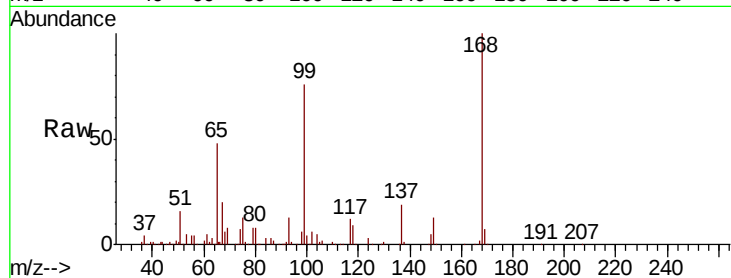
NB-08-092718

Tot Ion:168 Resp: 246063

Ion Ratio Lower Upper

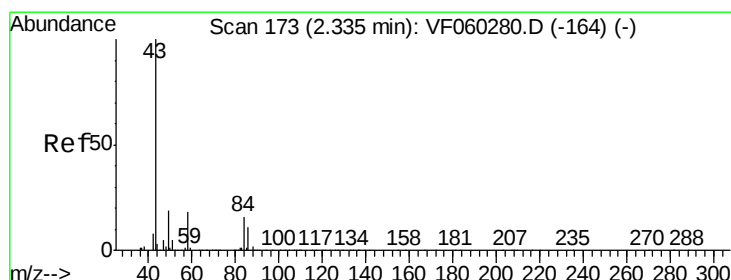
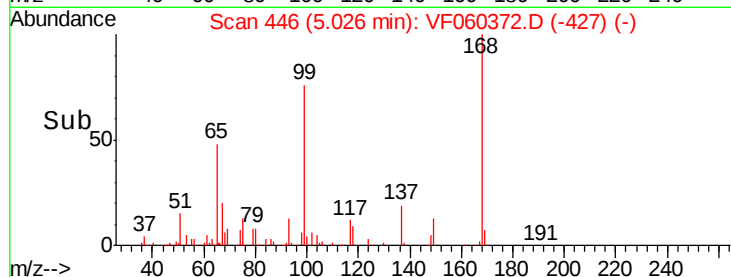
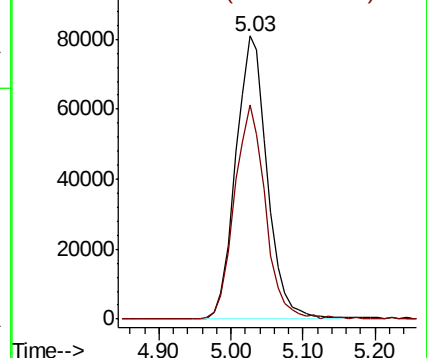
168 100

99 75.7 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#16

Acetone

Concen: 22.514 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.00 min

Lab File: VF060372.D

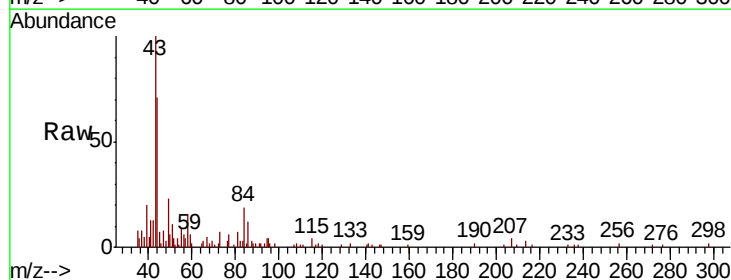
Acq: 28 Sep 2018 17:35

Tgt Ion: 43 Resp: 21008

Ion Ratio Lower Upper

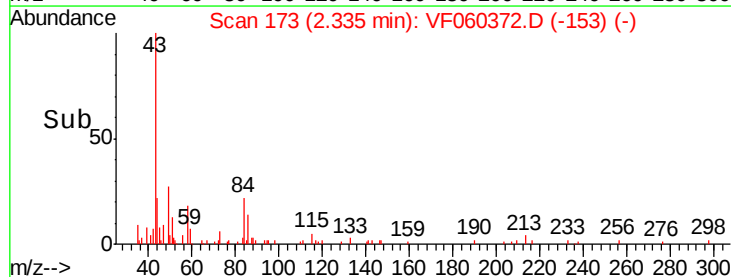
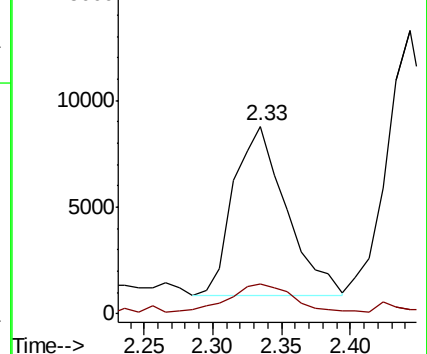
43 100

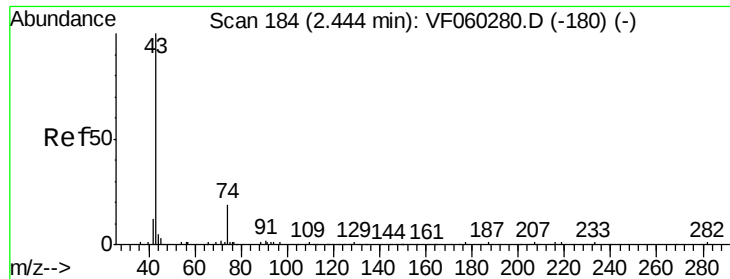
58 15.7 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

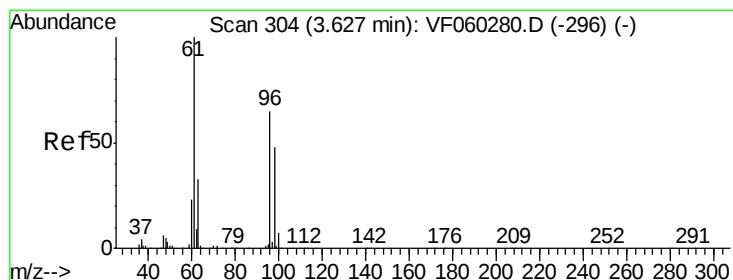
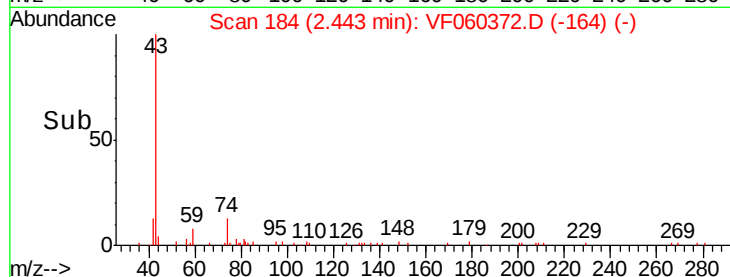
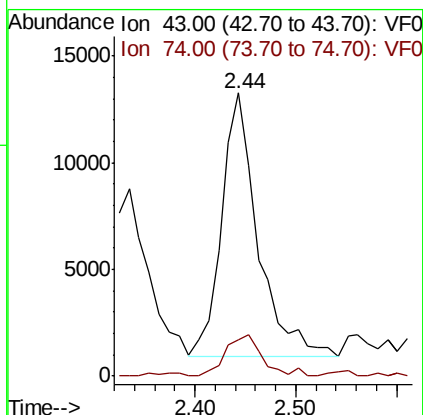
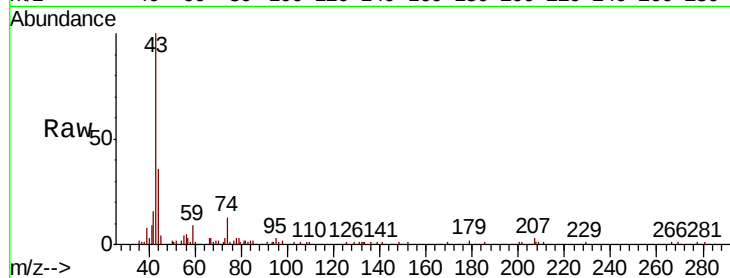




#18
Methvl Acetate
Concen: 19.634 ug/l
RT: 2.44 min Scan# 184
Delta R.T. -0.00 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

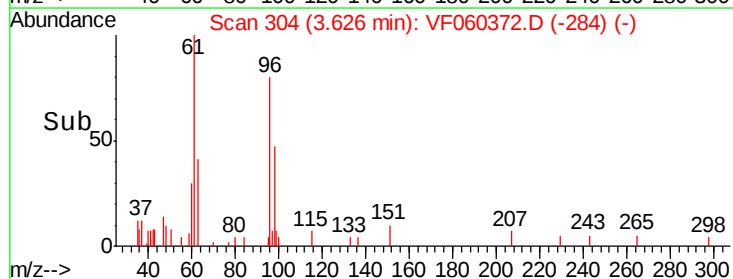
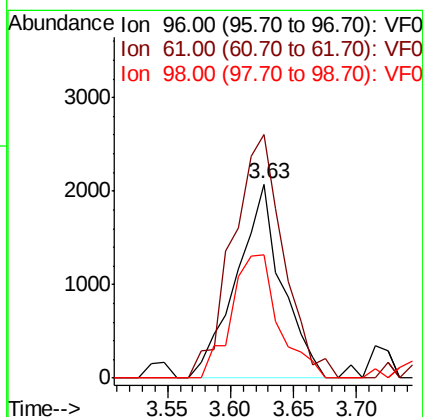
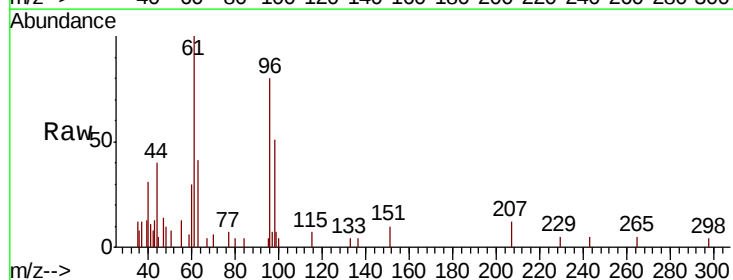
Instrument :
MSVOA_F
ClientSampleId :
NB-08-092718

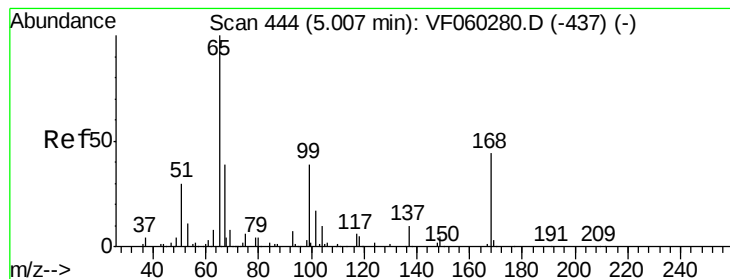
Tot Ion: 43 Resp: 30521
Ion Ratio Lower Upper
43 100
74 12.7 12.7 19.1



#27
cis-1,2-Dichloroethene
Concen: 1.367 ug/l
RT: 3.63 min Scan# 304
Delta R.T. -0.00 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

Tgt Ion: 96 Resp: 5195
Ion Ratio Lower Upper
96 100
61 125.7 0.0 304.8
98 63.8 0.0 146.4





#33

1,2-Dichloroethane-d4

Concen: 66.854 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060372.D

Acq: 28 Sep 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

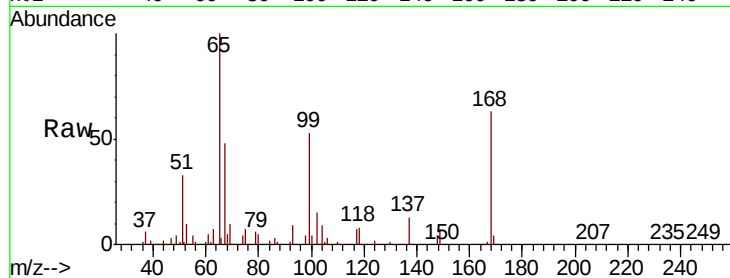
NB-08-092718

Tot Ion: 65 Resp: 221507

Ion Ratio Lower Upper

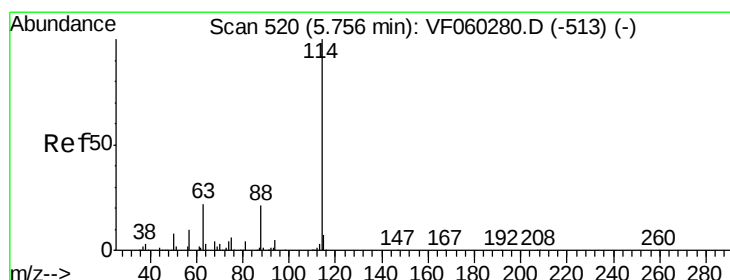
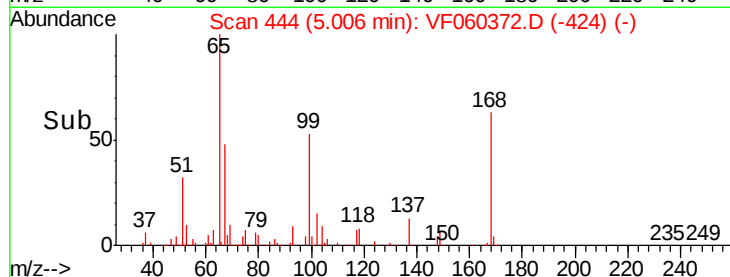
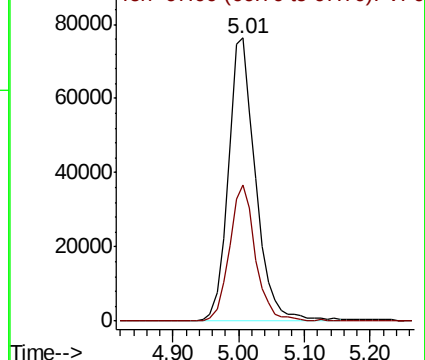
65 100

67 47.9 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060372.D

Acq: 28 Sep 2018 17:35

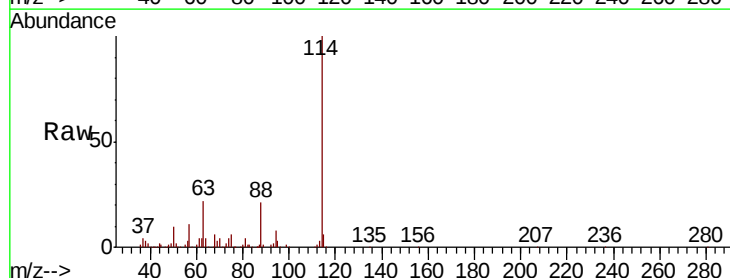
Tgt Ion: 114 Resp: 425951

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

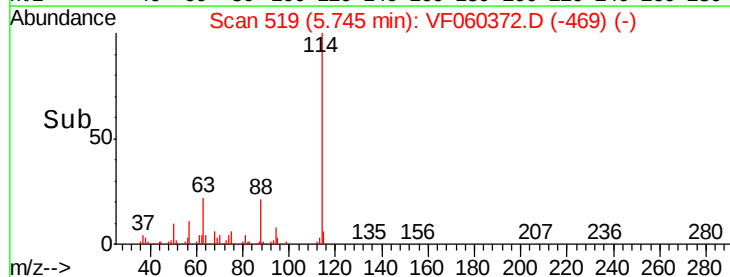
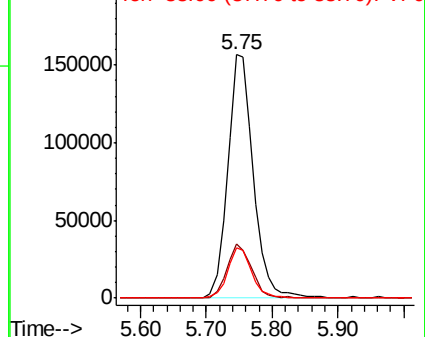
88 20.5 0.0 41.2

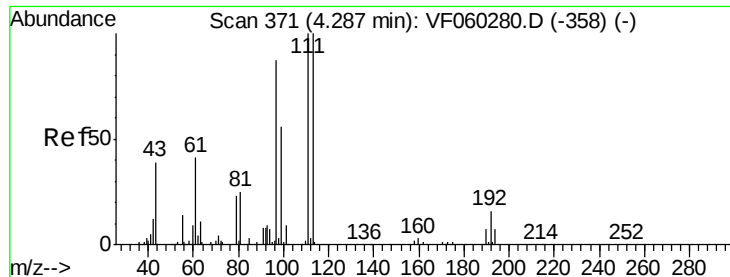


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 56.279 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060372.D

Acq: 28 Sep 2018 17:35

Instrument :

MSVOA_F

ClientSampleId :

NB-08-092718

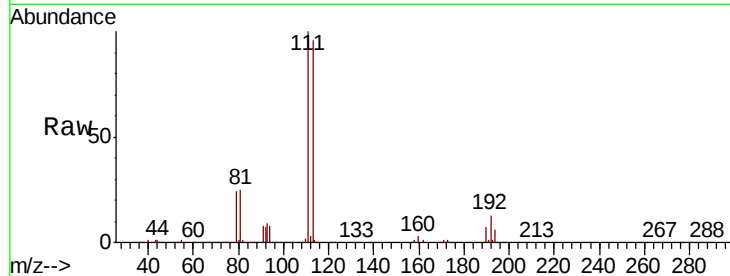
Tot Ion:113 Resp: 213693

Ion Ratio Lower Upper

113 100

111 104.1 79.6 119.4

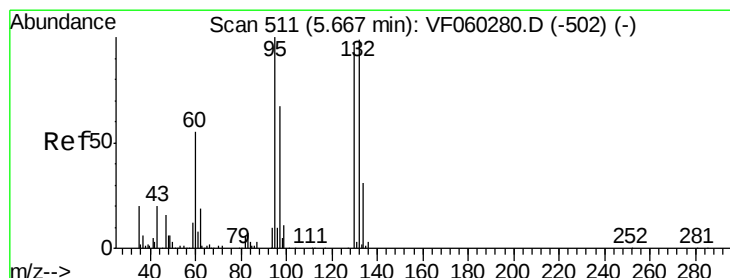
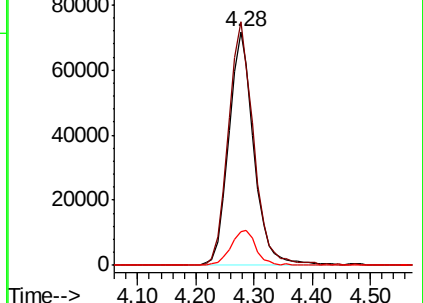
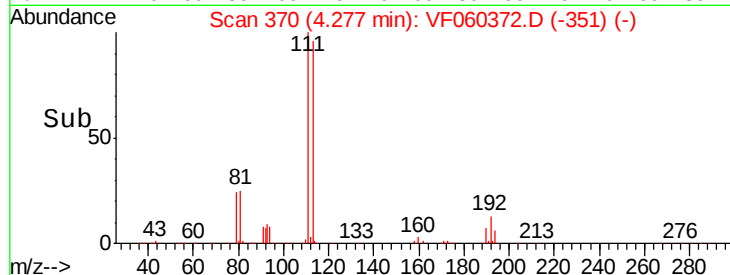
192 14.5 13.0 19.6



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V



#44

Trichloroethene

Concen: 1.572 ug/l

RT: 5.66 min Scan# 510

Delta R.T. -0.01 min

Lab File: VF060372.D

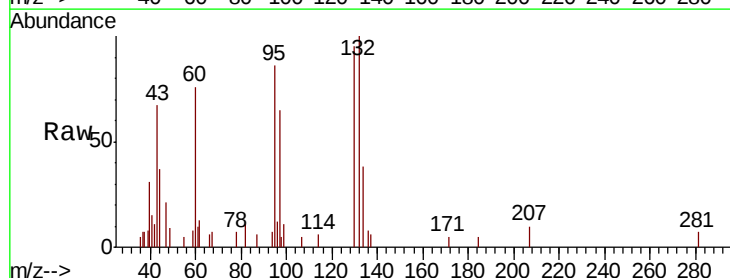
Acq: 28 Sep 2018 17:35

Tgt Ion:130 Resp: 5638

Ion Ratio Lower Upper

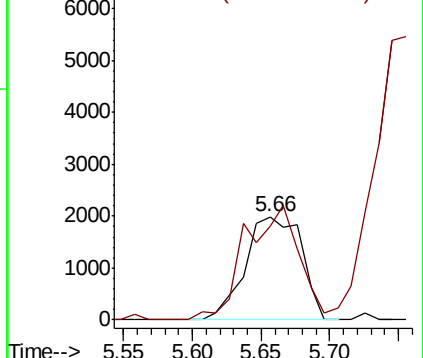
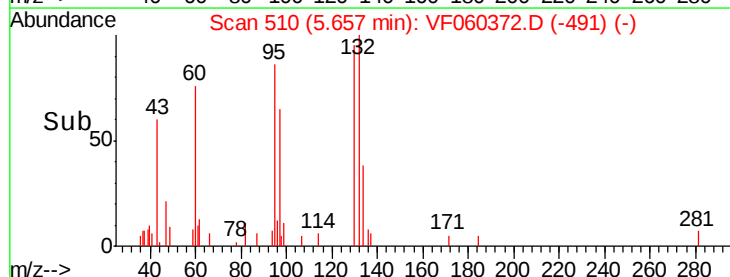
130 100

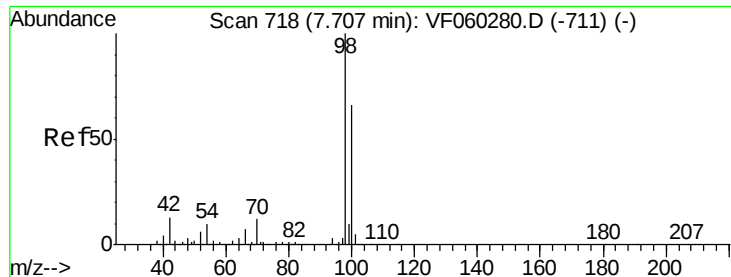
95 91.1 0.0 205.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VF0

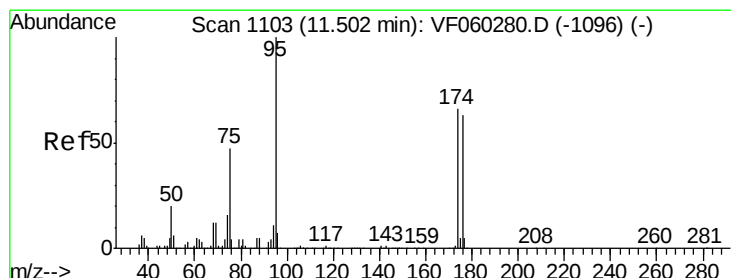
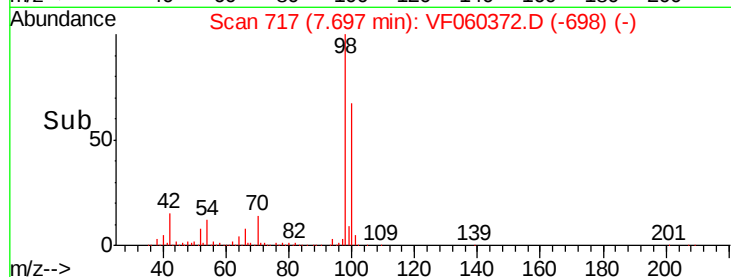
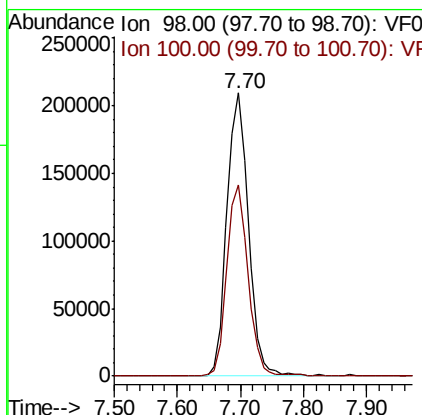
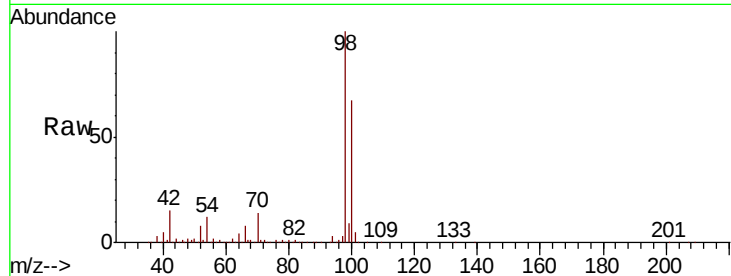




#50
Toluene-d8
Concen: 50.256 ug/l
RT: 7.70 min Scan# 717
Delta R.T. -0.01 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

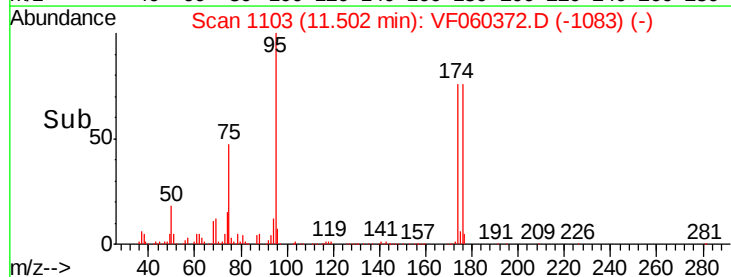
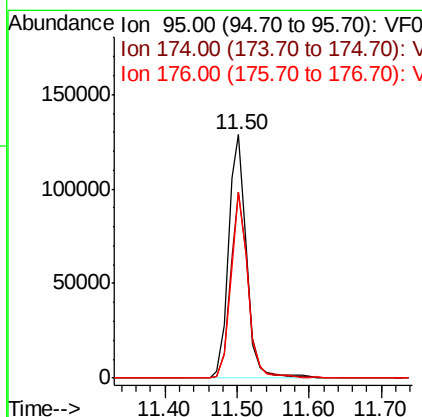
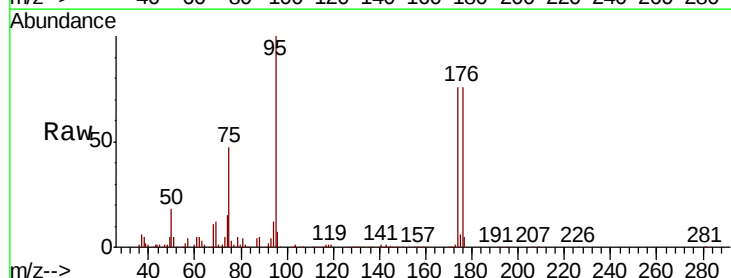
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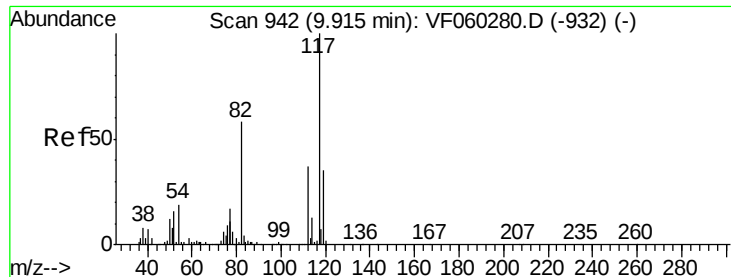
Tot Ion: 98 Resp: 496948
Ion Ratio Lower Upper
98 100
100 67.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 51.658 ug/l
RT: 11.50 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

Tgt Ion: 95 Resp: 220809
Ion Ratio Lower Upper
95 100
174 76.3 0.0 131.2
176 76.2 0.0 126.6

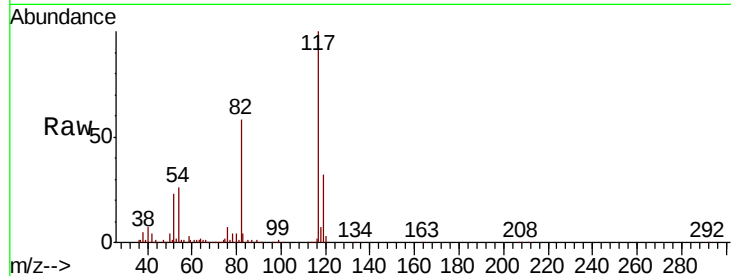




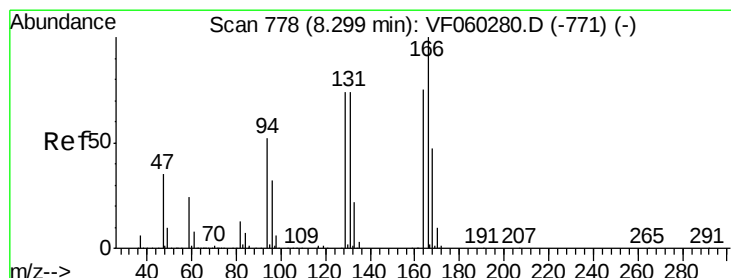
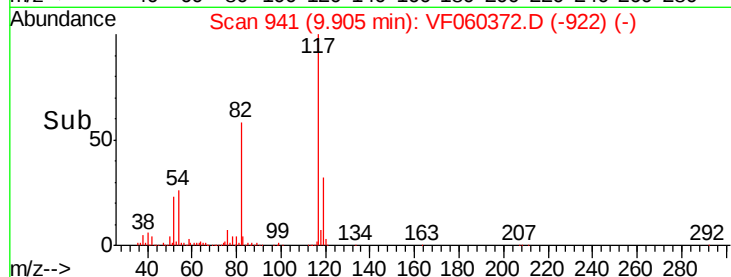
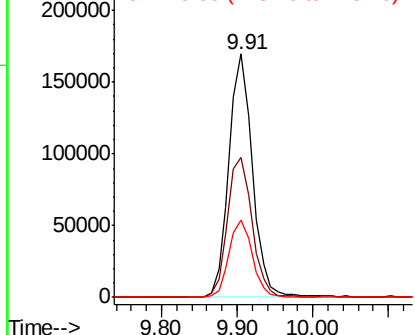
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

Instrument :
MSVOA_F
ClientSampleId :
NB-08-092718

Tot Ion:117 Resp: 367104
Ion Ratio Lower Upper
117 100
82 57.6 46.2 69.2
119 32.0 27.8 41.6

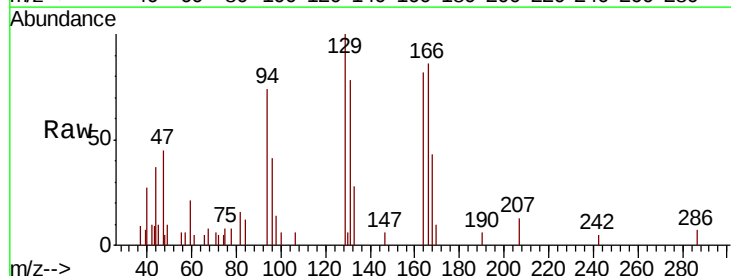


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

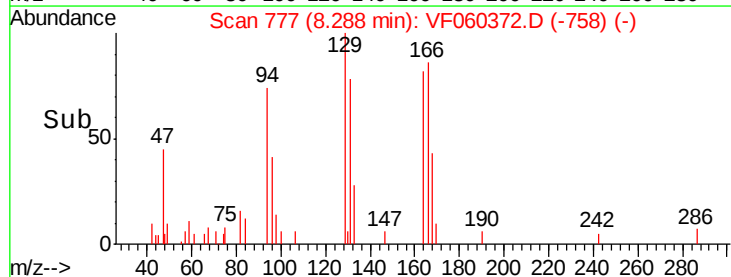
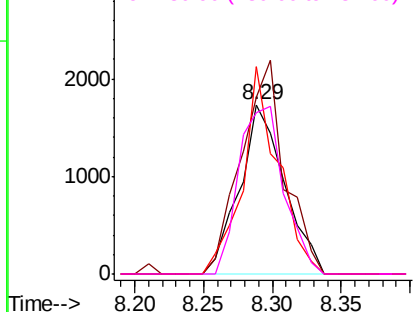


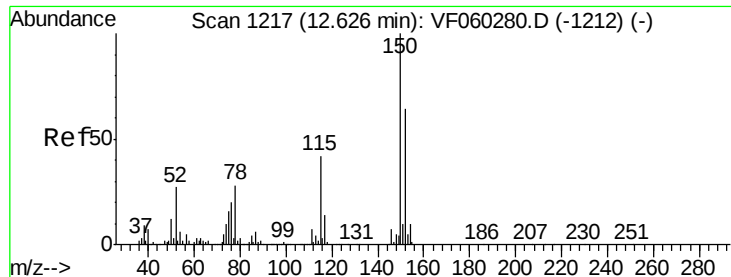
#64
Tetrachloroethene
Concen: 1.190 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.01 min
Lab File: VF060372.D
Acq: 28 Sep 2018 17:35

Tgt Ion:164 Resp: 3960
Ion Ratio Lower Upper
164 100
166 104.7 106.8 160.2#
129 122.3 78.8 118.2#
131 94.9 78.7 118.1



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



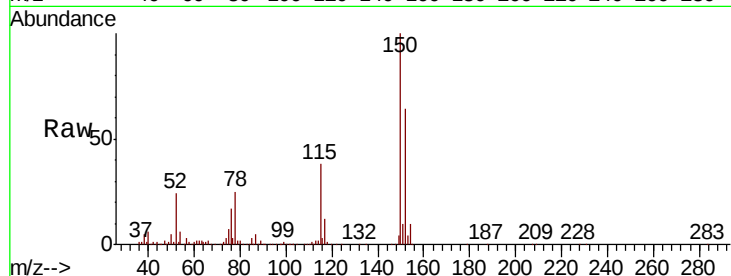


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.63 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF060372.D
 Acq: 28 Sep 2018 17:35

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-092718

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.4	32.6	97.8
150	157.1	0.0	314.2



Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

