

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF052819\
 Data File : VF062770.D
 Acq On : 28 May 2019 19:45
 Operator : FY/SY
 Sample : K3072-06
 Misc : 6.07g/5mL/MSVOA F/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6

Quant Time: May 29 02:32:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051619S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 05:49:09 2019
 Response via : Initial Calibration

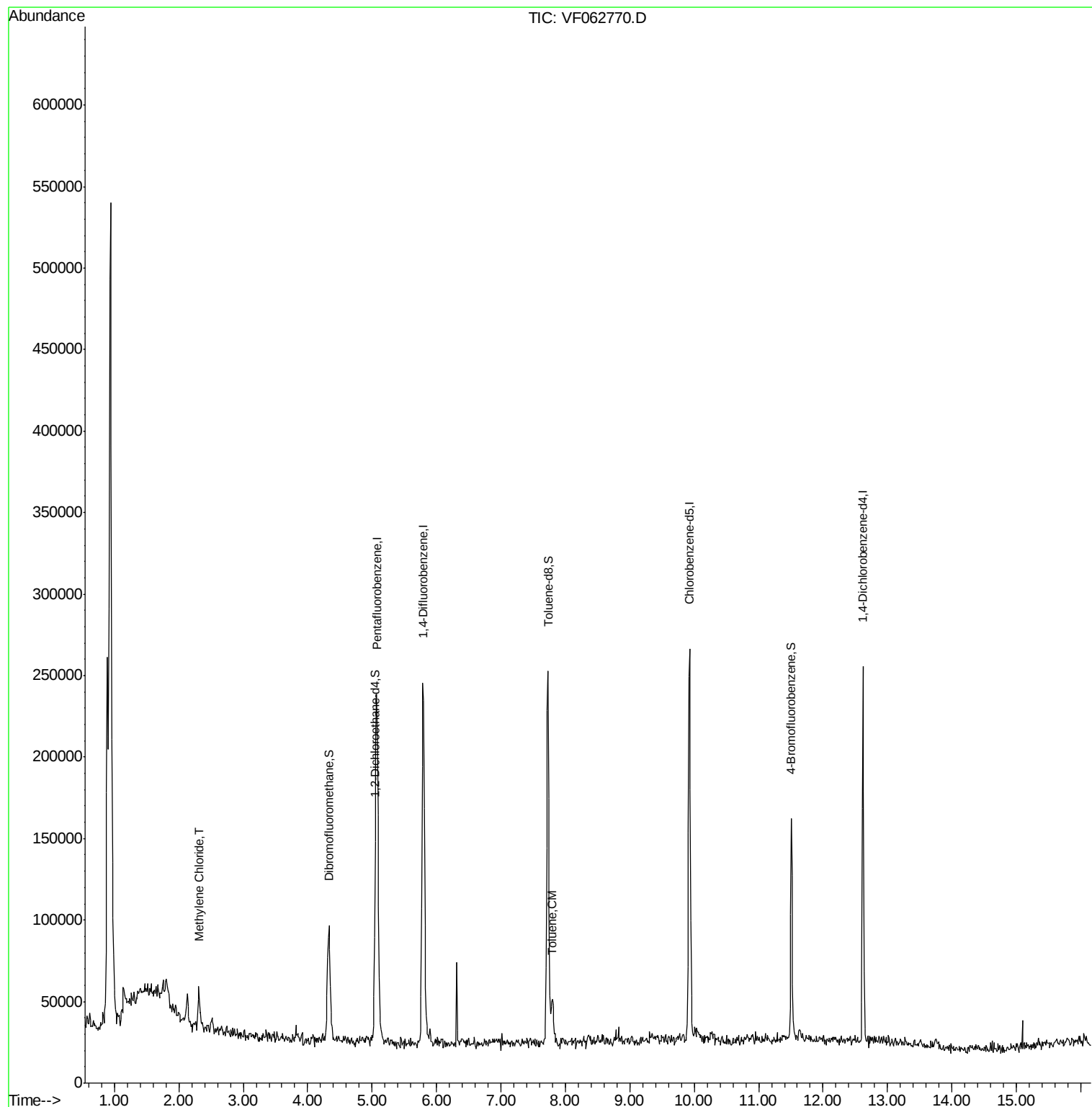
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	225345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	294665	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	194833	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	63944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.04	65	26691	16.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	33.52%	
35) Dibromofluoromethane	4.32	113	73188	32.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.92%	
50) Toluene-d8	7.73	98	208145	38.66	ug/l	0.01
Spiked Amount 50.000			Recovery	=	77.32%	
62) 4-Bromofluorobenzene	11.51	95	48794	23.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	47.80%	
Target Compounds						
20) Methylene Chloride	2.31	84	12022	5.806	ug/l #	89
52) Toluene	7.79	92	16520	3.829	ug/l #	74

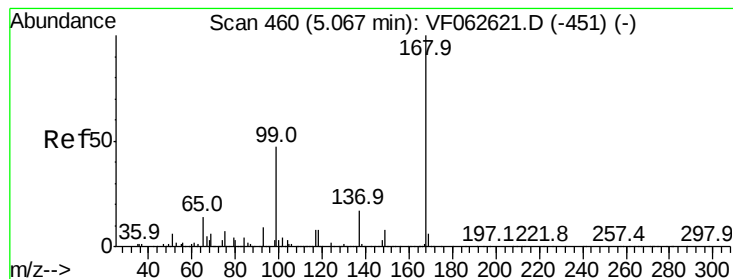
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 17 05:49:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.00 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

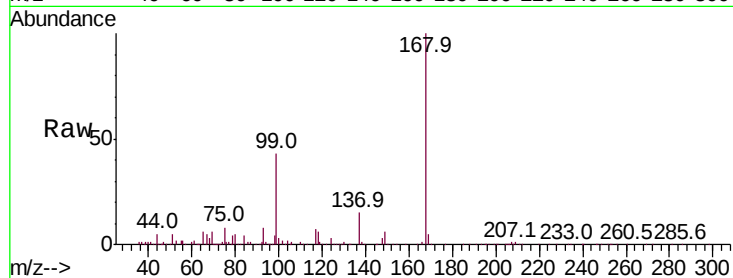
TP-6

Tot Ion:168 Resp: 225345

Ion Ratio Lower Upper

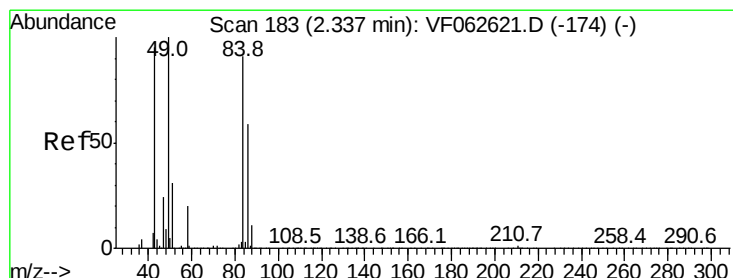
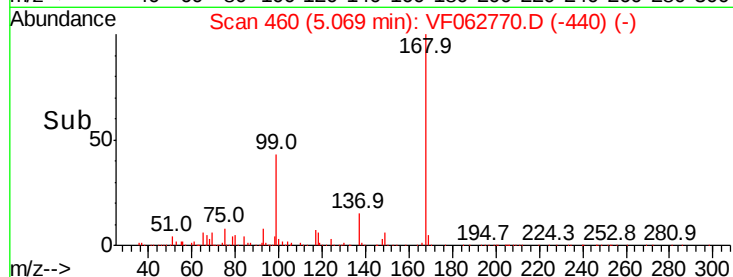
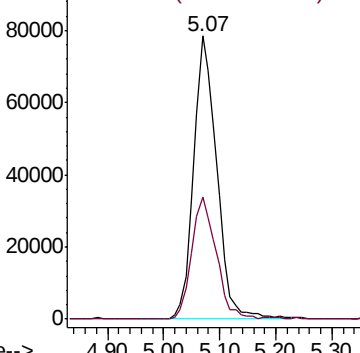
168 100

99 43.3 37.8 56.8



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#20

Methylene Chloride

Concen: 5.806 ug/l

RT: 2.31 min Scan# 180

Delta R.T. -0.03 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

Tgt Ion: 84 Resp: 12022

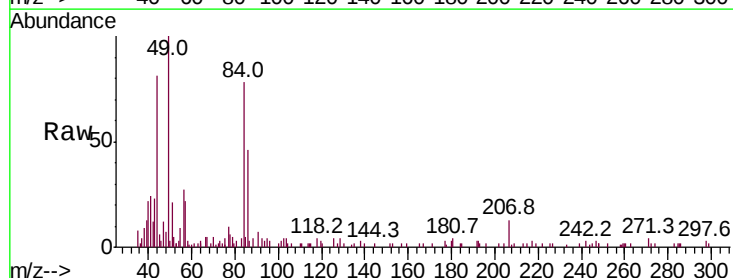
Ion Ratio Lower Upper

84 100

49 128.1 89.8 134.8

51 27.4 28.4 42.6#

86 62.8 52.6 79.0

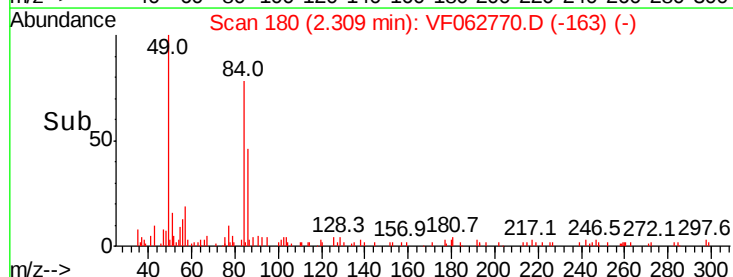
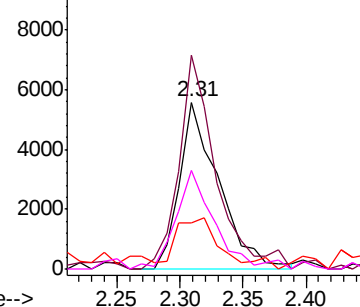


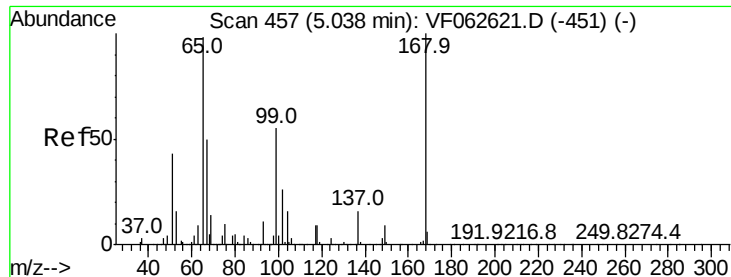
Abundance Ion 84.00 (83.70 to 84.70): VF0

Ion 49.00 (48.70 to 49.70): VF0

Ion 51.00 (50.70 to 51.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 16.762 ug/l

RT: 5.04 min Scan# 457

Delta R.T. 0.00 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

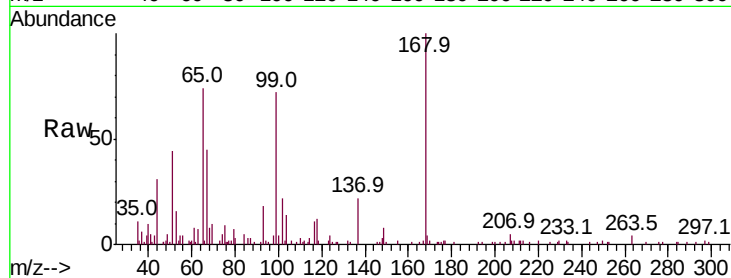
TP-6

Tot Ion: 65 Resp: 26691

Ion Ratio Lower Upper

65 100

67 60.3 0.0 117.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.04

8000

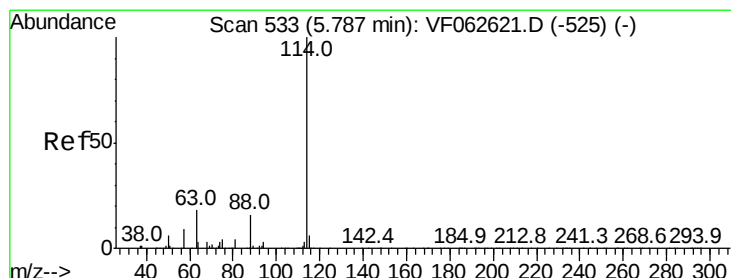
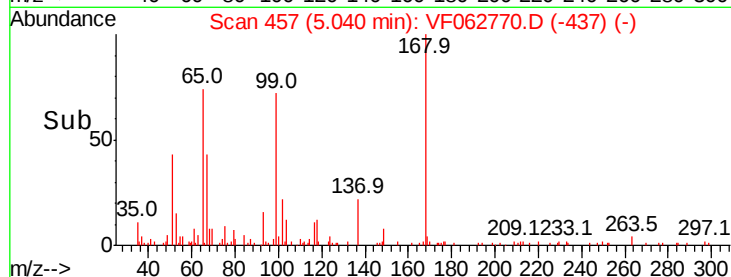
6000

4000

2000

0

Time--> 4.90 5.00 5.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 533

Delta R.T. 0.00 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

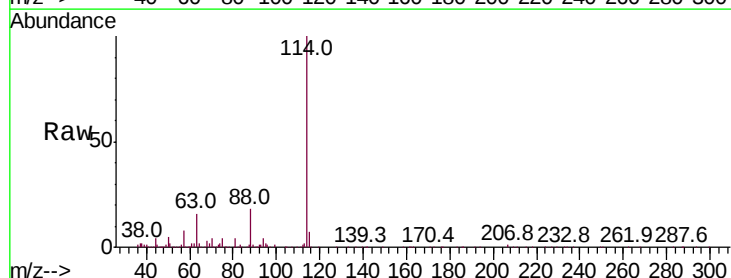
Tgt Ion: 114 Resp: 294665

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.4

88 18.2 0.0 32.4



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

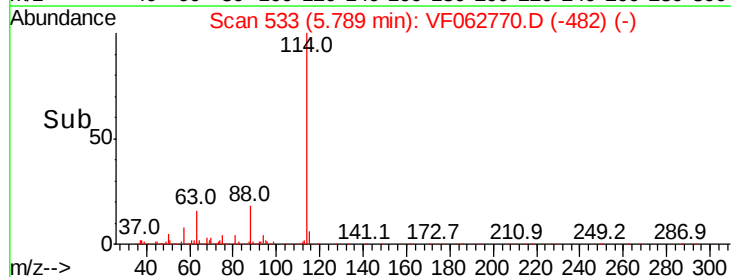
150000

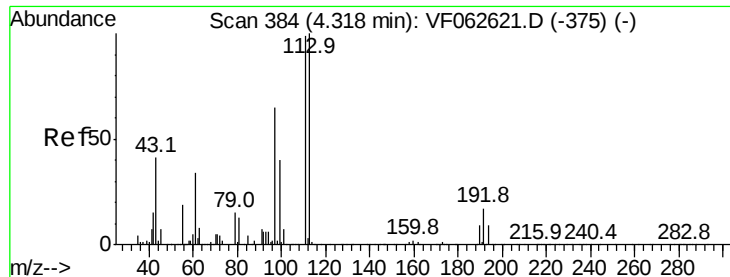
100000

50000

0

Time--> 5.60 5.70 5.80 5.90 6.00

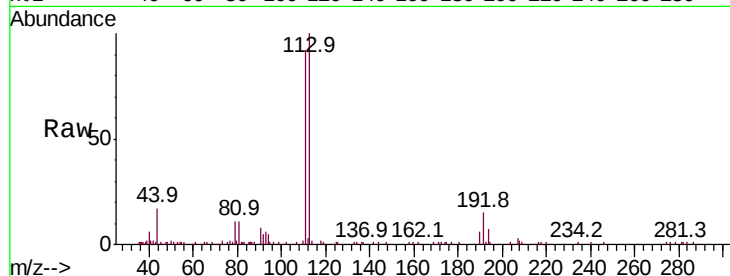




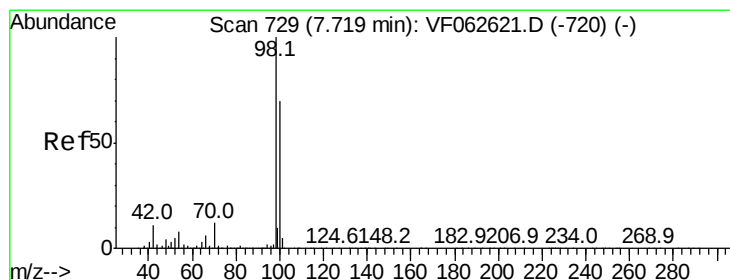
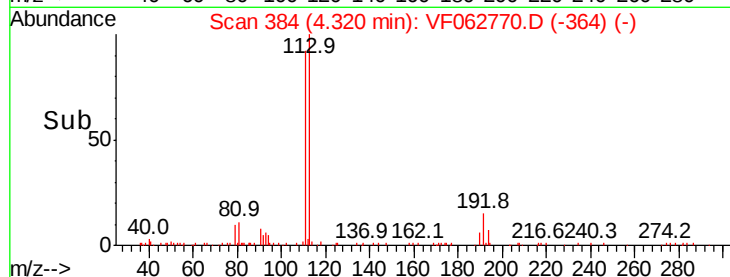
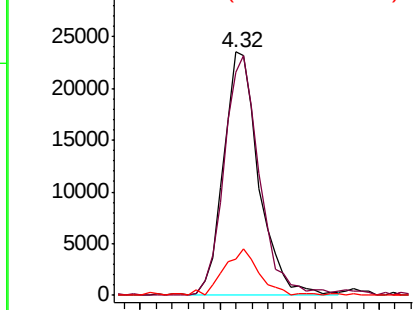
#35
 Dibromofluoromethane
 Concen: 32.459 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VF062770.D
 Acq: 28 May 2019 19:45

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-6

Tot Ion:113 Resp: 73188
 Ion Ratio Lower Upper
 113 100
 111 89.9 79.4 119.2
 192 14.4 13.4 20.2

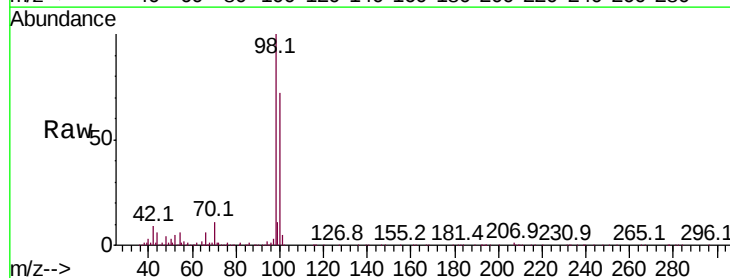


Abundance Ion 113.00 (112.70 to 113.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 192.00 (191.70 to 192.70): V

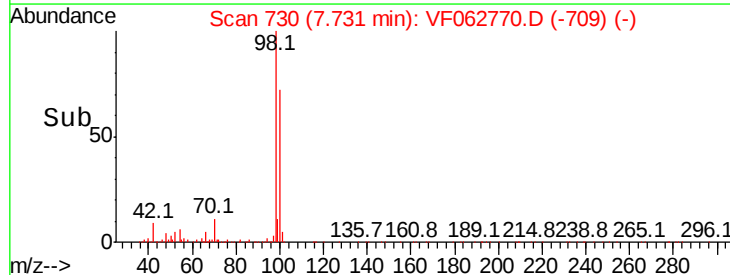
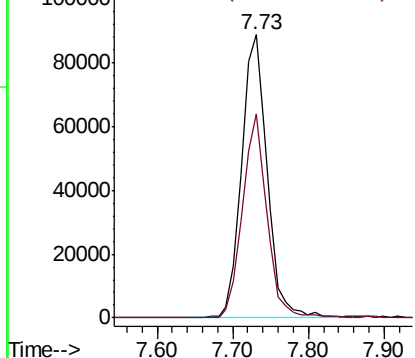


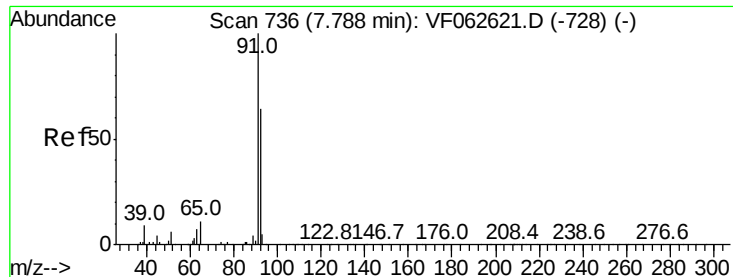
#50
 Toluene-d8
 Concen: 38.663 ug/l
 RT: 7.73 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VF062770.D
 Acq: 28 May 2019 19:45

Tgt Ion: 98 Resp: 208145
 Ion Ratio Lower Upper
 98 100
 100 71.9 56.2 84.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#52

Toluene

Concen: 3.829 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

Instrument :

MSVOA_F

ClientSampleId :

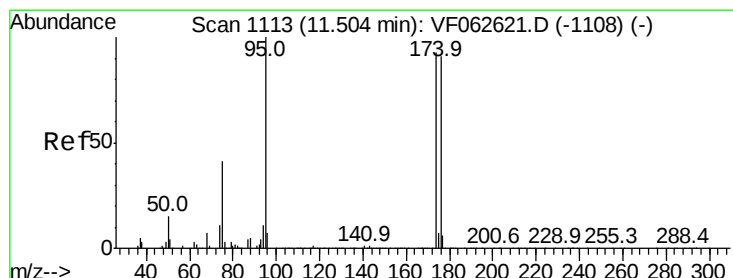
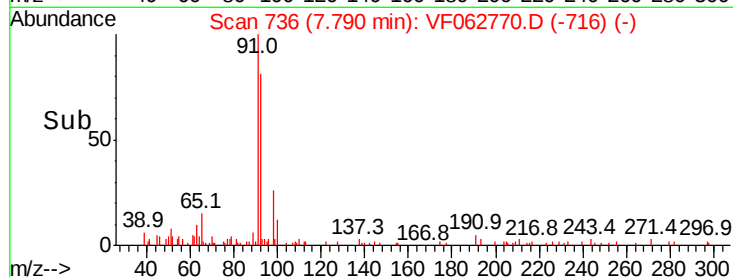
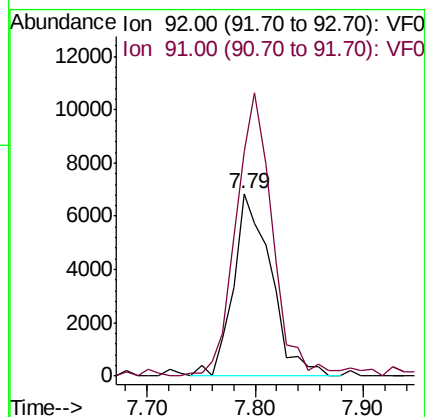
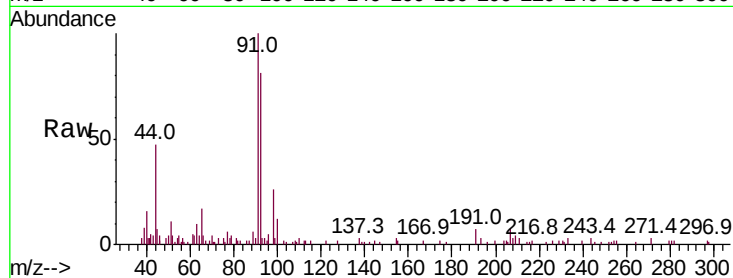
TP-6

Tot Ion: 92 Resp: 16520

Ion Ratio Lower Upper

92 100

91 123.3 125.4 188.0#



#62

4-Bromofluorobenzene

Concen: 23.897 ug/l

RT: 11.51 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF062770.D

Acq: 28 May 2019 19:45

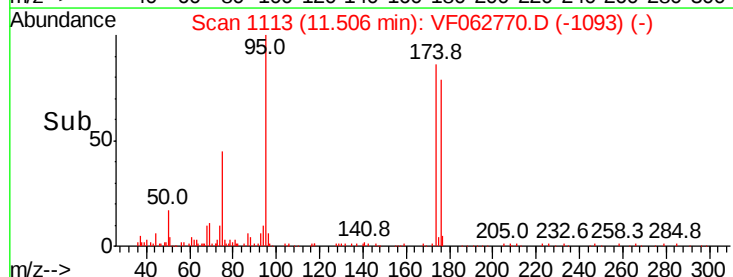
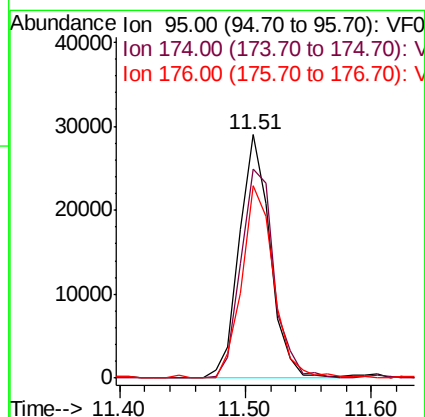
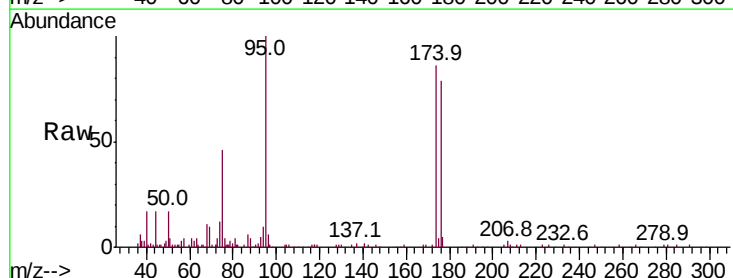
Tgt Ion: 95 Resp: 48794

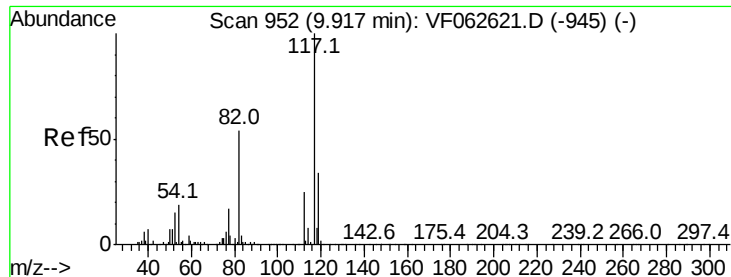
Ion Ratio Lower Upper

95 100

174 86.0 0.0 185.6

176 78.9 0.0 182.4

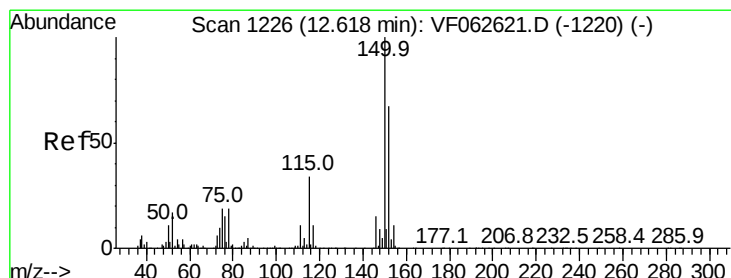
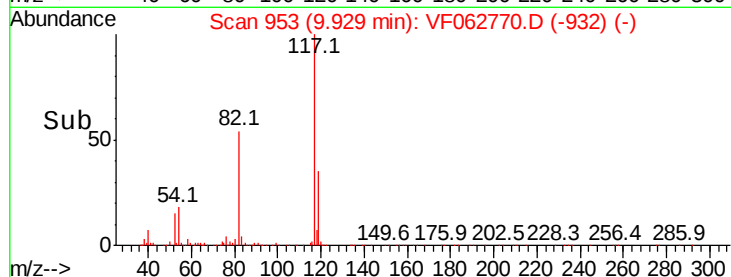
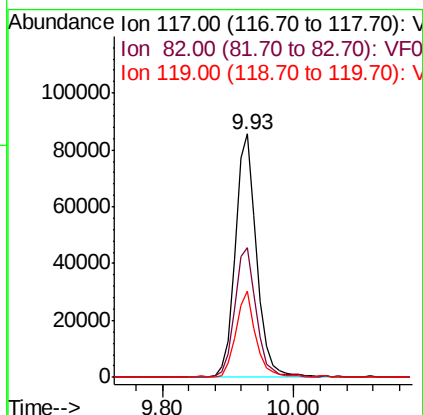
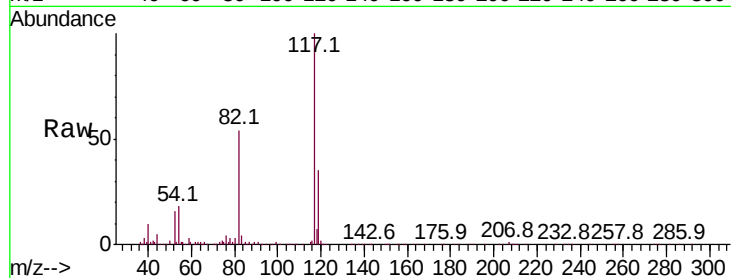




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF062770.D
Acq: 28 May 2019 19:45

Instrument :
MSVOA_F
ClientSampled :
TP-6

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	35.5	27.4	41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1226
Delta R.T. 0.00 min
Lab File: VF062770.D
Acq: 28 May 2019 19:45

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	25.2	75.6
150	149.2	0.0	306.2

