

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\
 Data File : VD062092.D
 Acq On : 30 Apr 2019 17:31
 Operator : FY/SY
 Sample : K2191-01
 Misc : 3.97g/5mL/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-66-TP

Quant Time: May 01 01:54:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	395259	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	651638	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	463354	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.51	152	146348	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	207910	67.21	ug/l	-0.02
Spiked Amount						
			Recovery	=	134.42%	
35) Dibromofluoromethane	6.90	113	290876	64.54	ug/l	-0.03
Spiked Amount						
			Recovery	=	129.08%	
50) Toluene-d8	10.39	98	526351	49.08	ug/l	-0.03
Spiked Amount						
			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	13.54	95	159790	37.15	ug/l	-0.02
Spiked Amount						
			Recovery	=	74.30%	

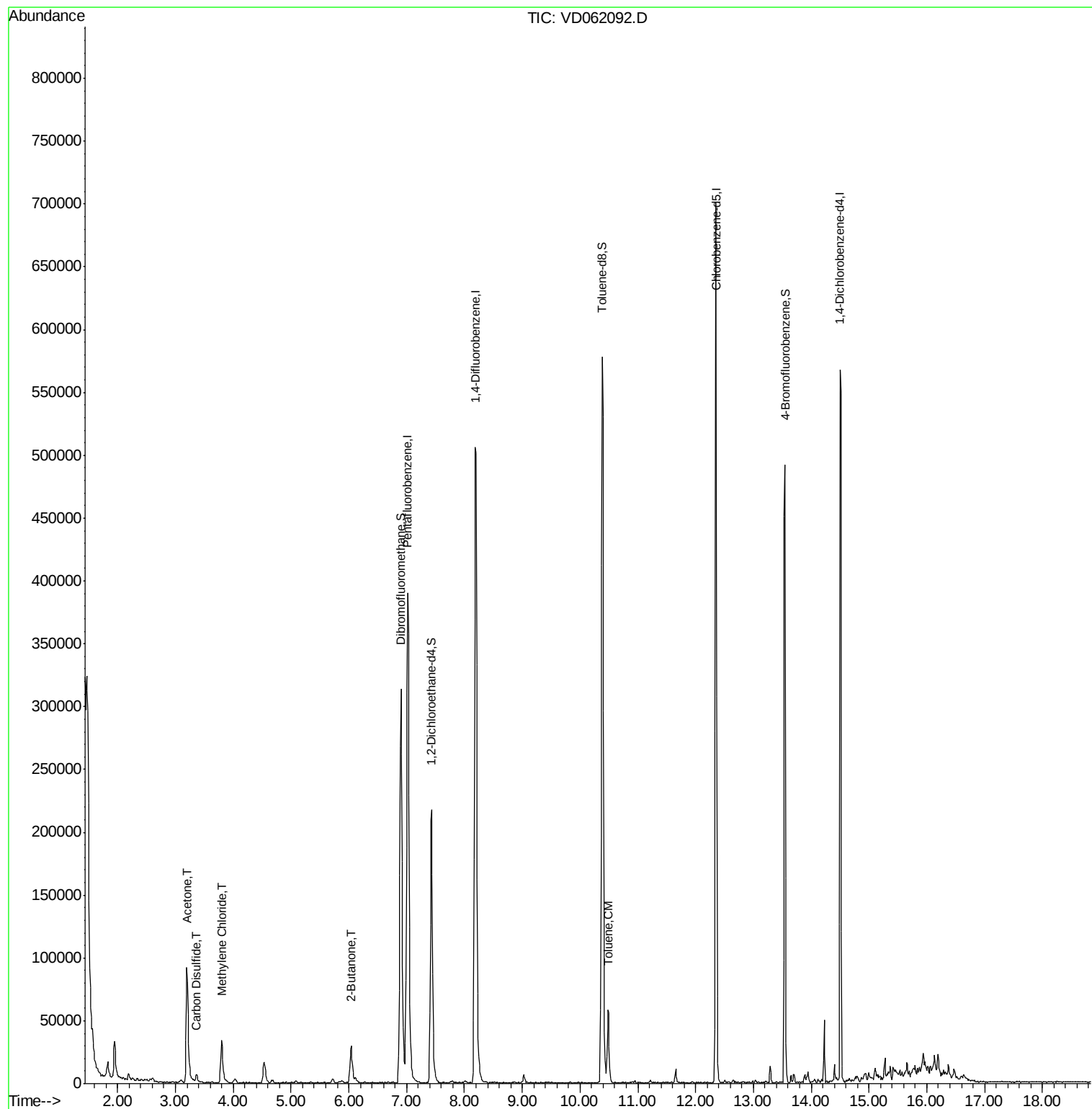
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.20	43	175535	237.646	ug/l	92
17) Carbon Disulfide	3.37	76	10365	1.113	ug/l	97
20) Methylene Chloride	3.80	84	25581	4.192	ug/l	96
25) 2-Butanone	6.04	43	65946	73.638	ug/l	95
52) Toluene	10.48	92	33965	4.238	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD043019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062092.D

Acq: 30 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

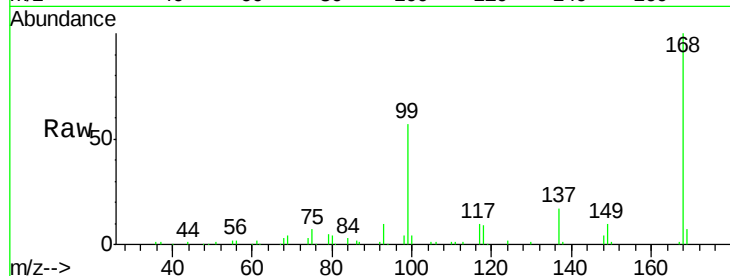
P-66-TP

Tot Ion:168 Resp: 395259

Ion Ratio Lower Upper

168 100

99 56.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

150000

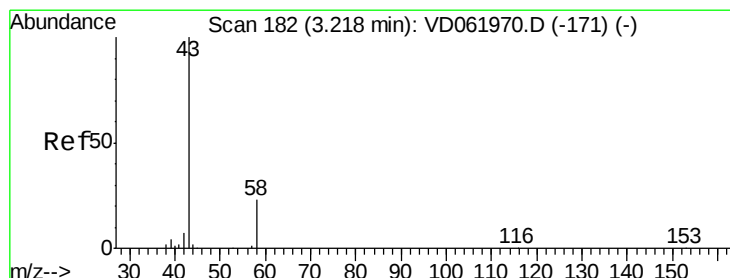
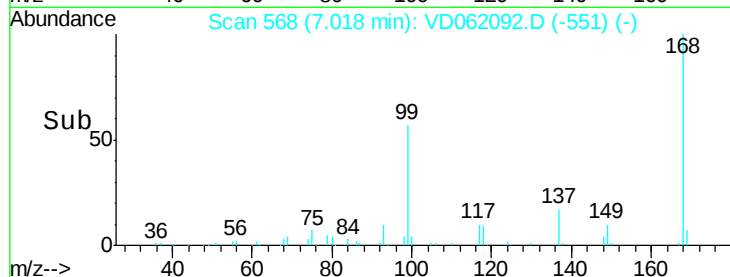
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 237.646 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD062092.D

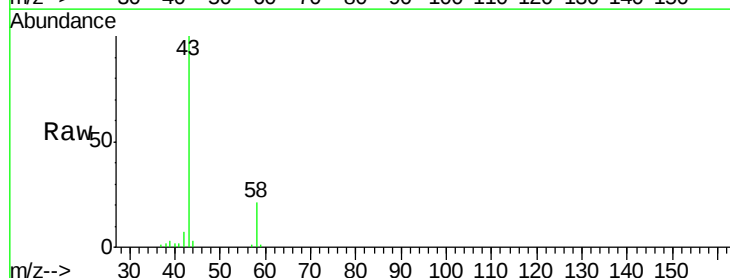
Acq: 30 Apr 2019 17:31

Tgt Ion: 43 Resp: 175535

Ion Ratio Lower Upper

43 100

58 20.9 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

60000

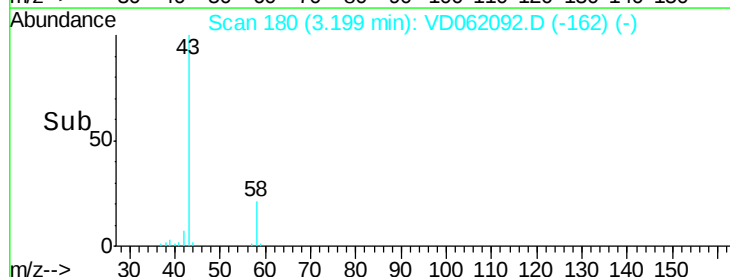
40000

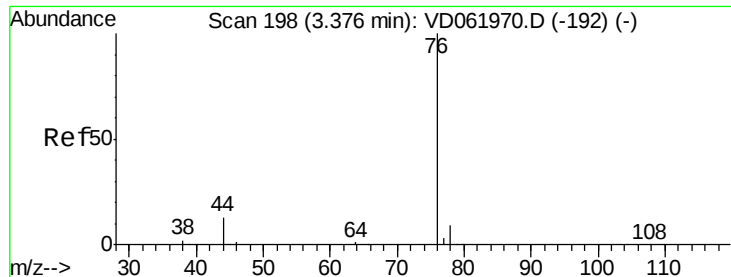
20000

0

3.10 3.20 3.30 3.40

Time-->





#17

Carbon Disulfide

Concen: 1.113 ug/l

RT: 3.37 min Scan# 197

Delta R.T. -0.02 min

Lab File: VD062092.D

Acq: 30 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampled :

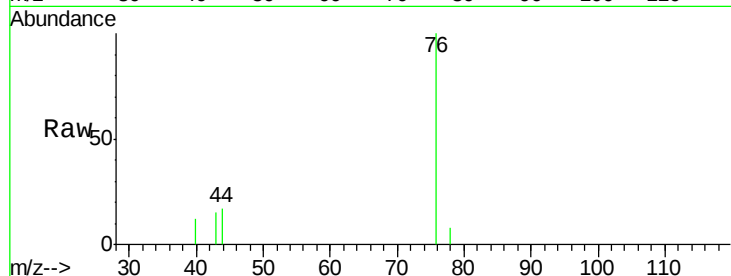
P-66-TP

Tot Ion: 76 Resp: 10365

Ion Ratio Lower Upper

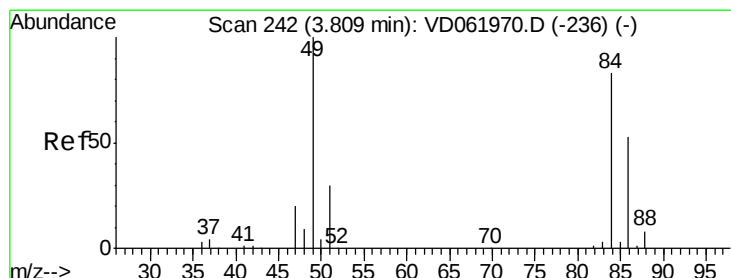
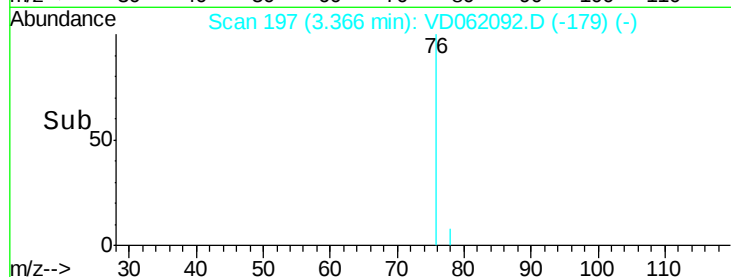
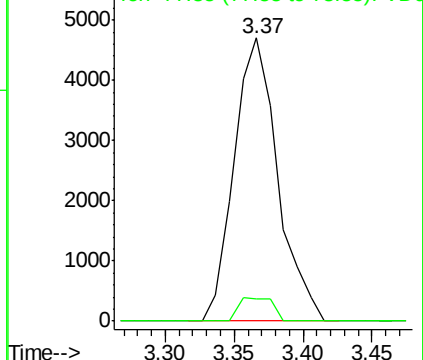
76 100

78 8.1 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#20

Methylene Chloride

Concen: 4.192 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD062092.D

Acq: 30 Apr 2019 17:31

Tgt Ion: 84 Resp: 25581

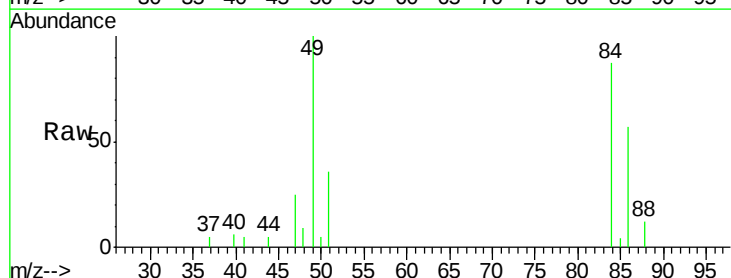
Ion Ratio Lower Upper

84 100

49 114.5 94.0 141.0

51 40.9 29.0 43.4

86 65.6 49.8 74.6

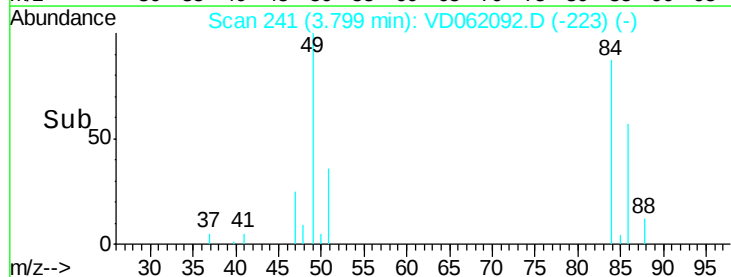
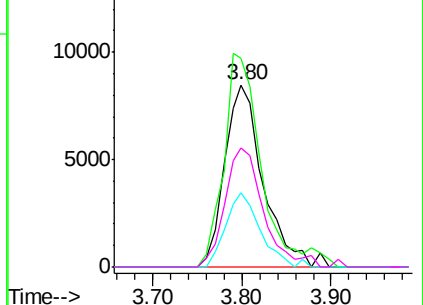


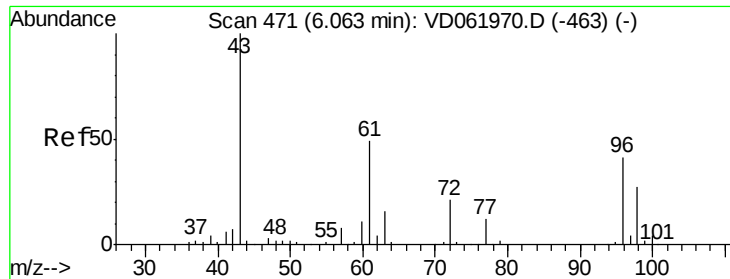
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#25

2-Butanone

Concen: 73.638 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.03 min

Lab File: VD062092.D

Acq: 30 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

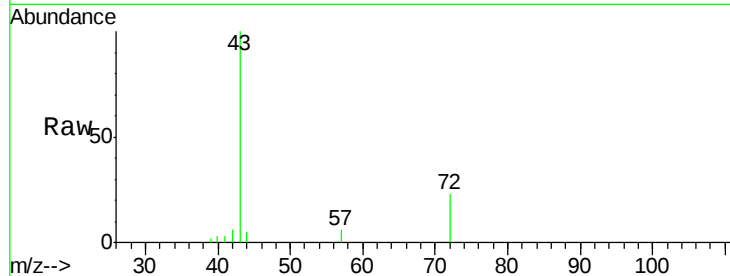
P-66-TP

Tot Ion: 43 Resp: 65946

Ion Ratio Lower Upper

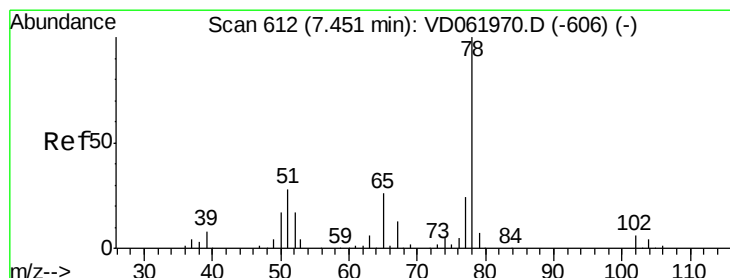
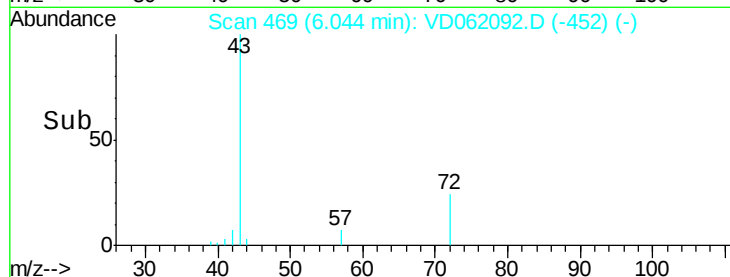
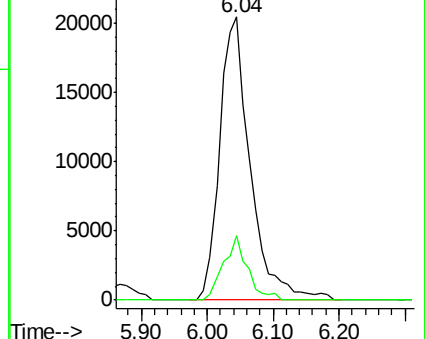
43 100

72 22.7 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 67.208 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.02 min

Lab File: VD062092.D

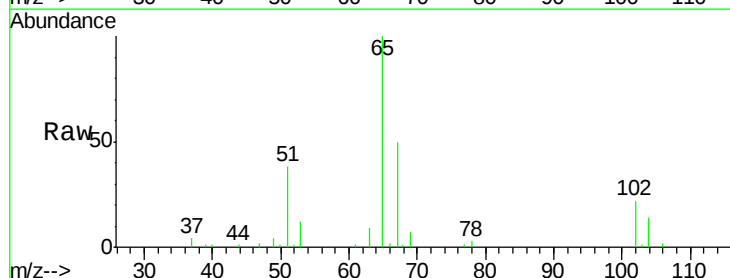
Acq: 30 Apr 2019 17:31

Tgt Ion: 65 Resp: 207910

Ion Ratio Lower Upper

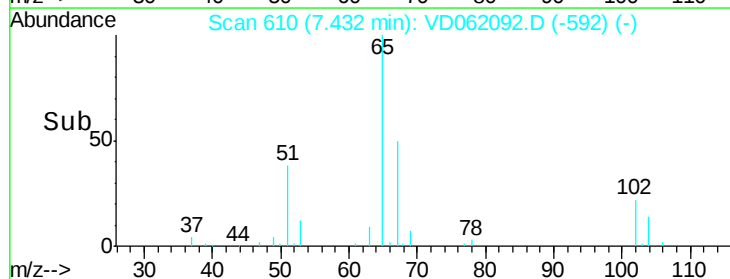
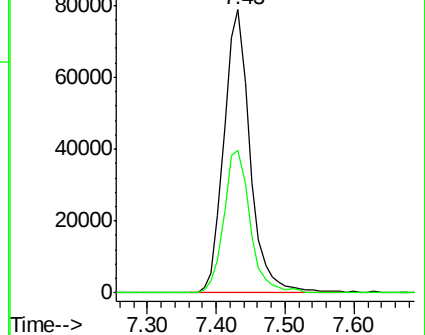
65 100

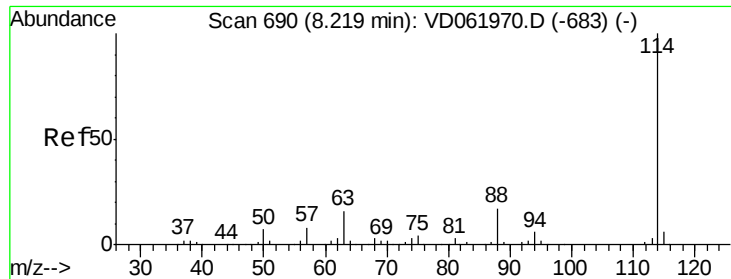
67 50.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

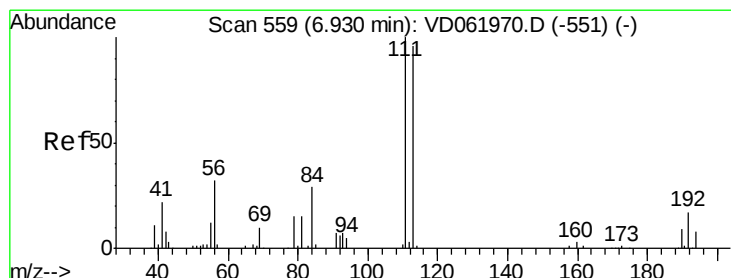
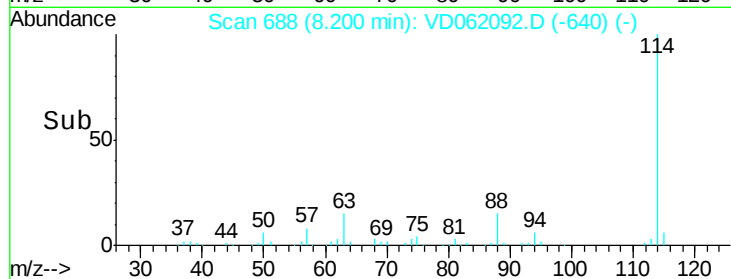
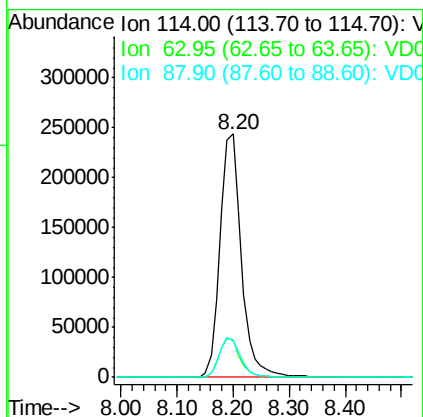
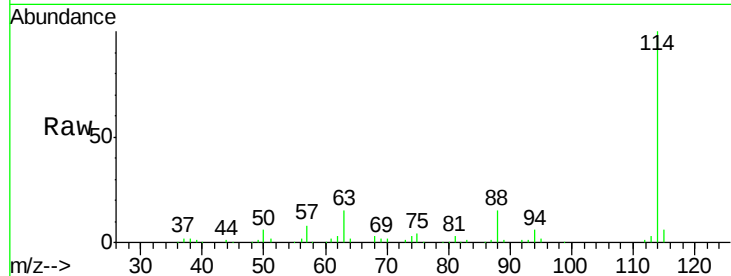




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062092.D
 Acq: 30 Apr 2019 17:31

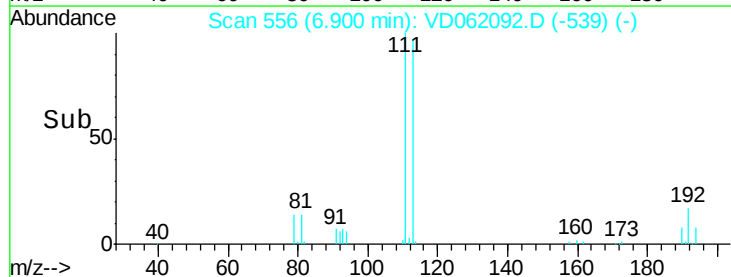
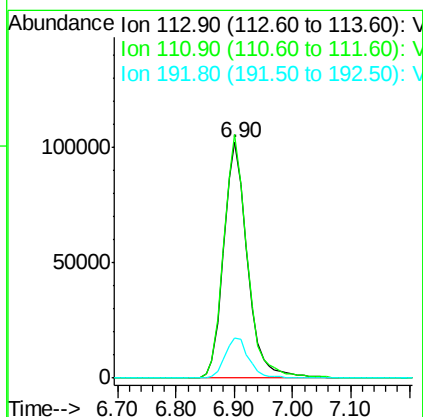
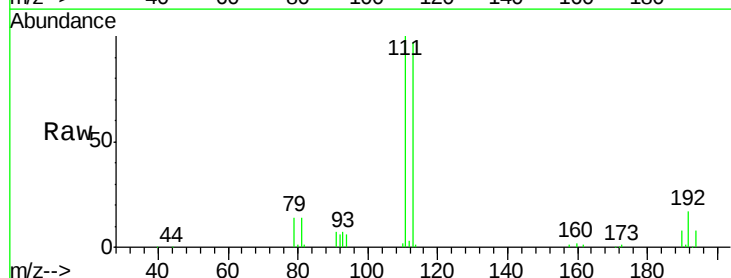
Instrument :
 MSVOA_D
 ClientSampleId :
 P-66-TP

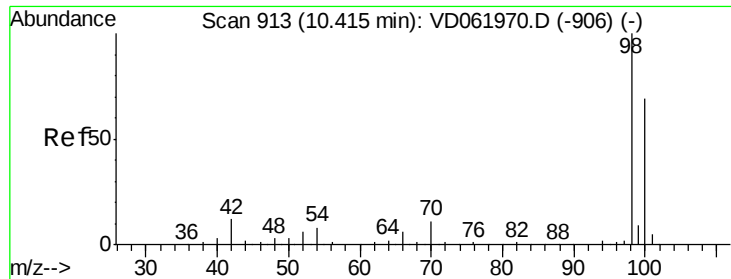
Tot Ion:114 Resp: 651638
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 32.4
 88 14.9 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 64.543 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.03 min
 Lab File: VD062092.D
 Acq: 30 Apr 2019 17:31

Tgt Ion:113 Resp: 290876
 Ion Ratio Lower Upper
 113 100
 111 103.3 78.5 117.7
 192 17.2 13.0 19.4

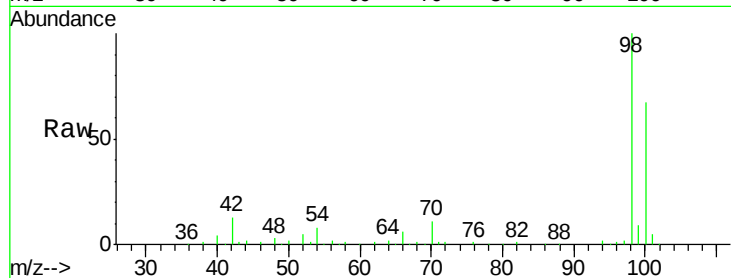




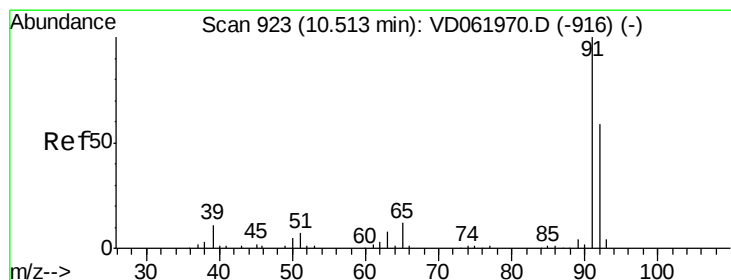
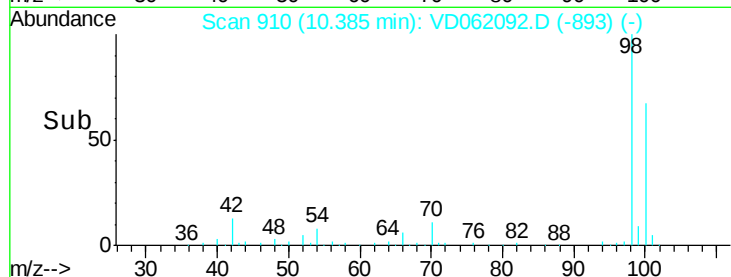
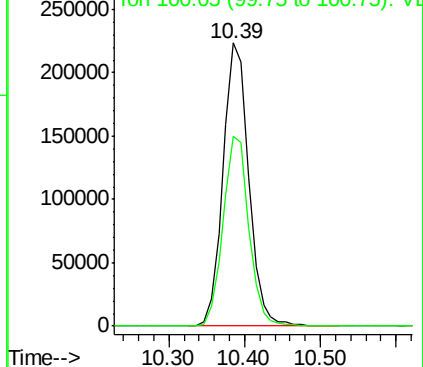
#50
Toluene-d8
Concen: 49.083 ug/l
RT: 10.39 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062092.D
Acq: 30 Apr 2019 17:31

Instrument :
MSVOA_D
ClientSampleId :
P-66-TP

Tot Ion: 98 Resp: 526351
Ion Ratio Lower Upper
98 100
100 67.1 53.8 80.8

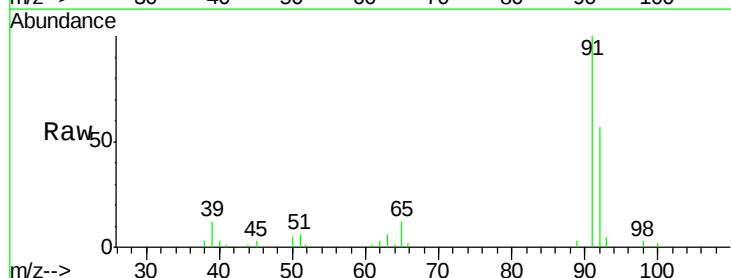


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

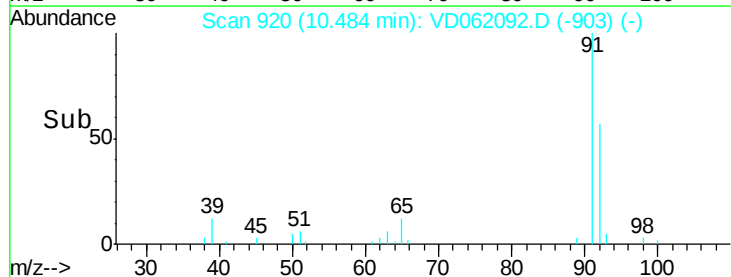
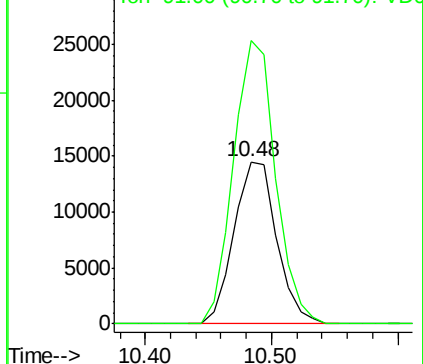


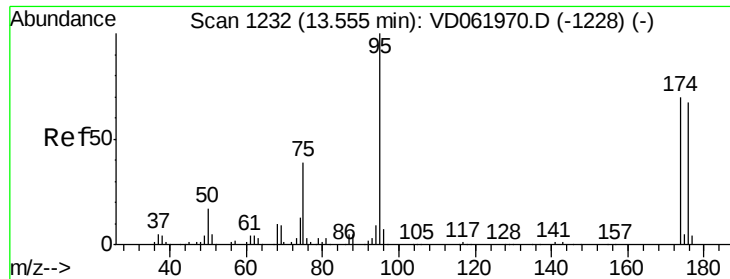
#52
Toluene
Concen: 4.238 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.03 min
Lab File: VD062092.D
Acq: 30 Apr 2019 17:31

Tgt Ion: 92 Resp: 33965
Ion Ratio Lower Upper
92 100
91 174.4 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VD061970.D (-916) (-)
Ion 91.00 (90.70 to 91.70): VD061970.D (-916) (-)

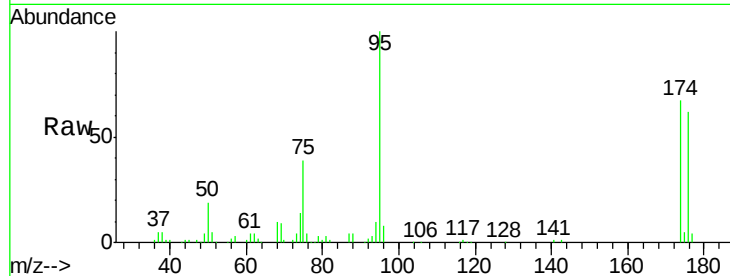




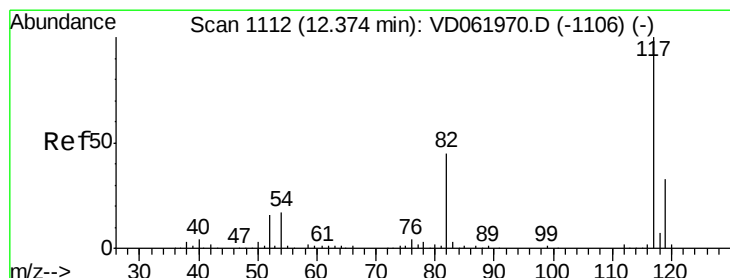
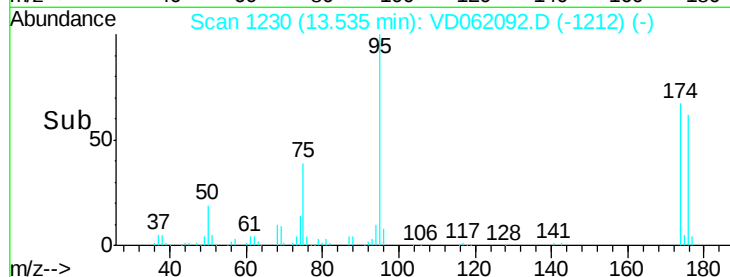
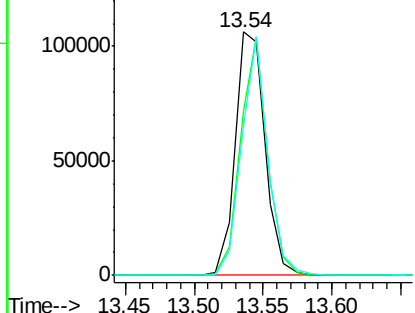
#62
4-Bromofluorobenzene
Concen: 37.150 ug/l
RT: 13.54 min Scan# 1230
Delta R.T. -0.02 min
Lab File: VD062092.D
Acq: 30 Apr 2019 17:31

Instrument :
MSVOA_D
ClientSampleId :
P-66-TP

Tot Ion: 95 Resp: 159790
Ion Ratio Lower Upper
95 100
174 67.4 0.0 181.8
176 61.9 0.0 174.4

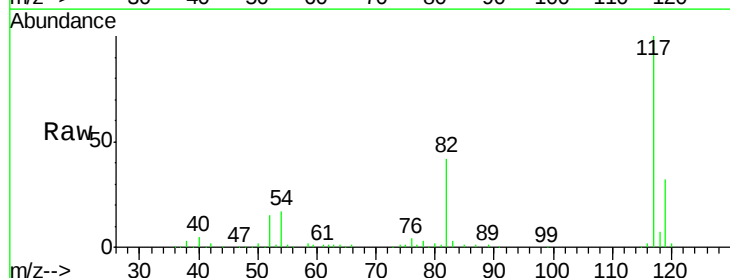


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

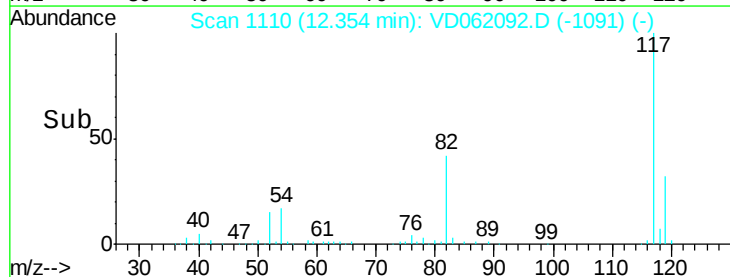
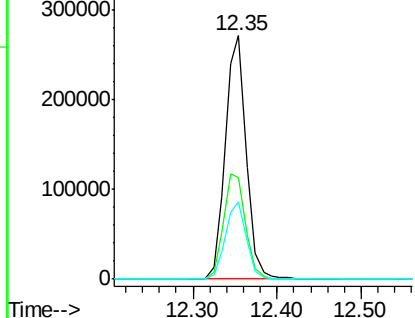


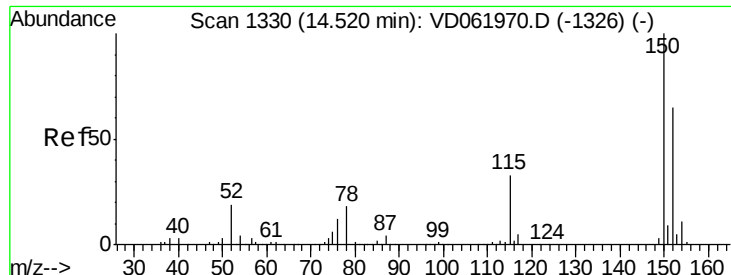
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD062092.D
Acq: 30 Apr 2019 17:31

Tgt Ion: 117 Resp: 463354
Ion Ratio Lower Upper
117 100
82 41.9 36.2 54.2
119 31.9 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062092.D

Acq: 30 Apr 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

P-66-TP

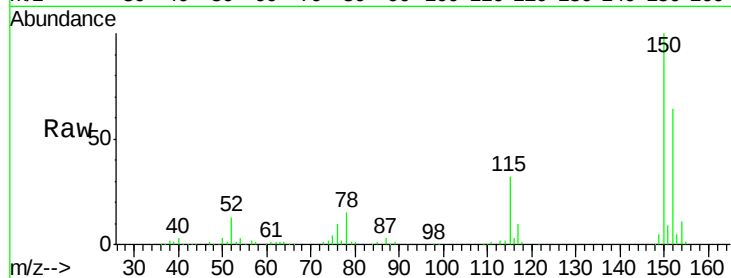
Tot Ion:152 Resp: 146348

Ion Ratio Lower Upper

152 100

115 50.1 30.9 92.7

150 156.2 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

