

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122718\
 Data File : VD060727.D
 Acq On : 27 Dec 2018 15:35
 Operator : VA/AP
 Sample : J6446-11RE
 Misc : 4.12g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS021-1824-01RE

Quant Time: Dec 28 02:00:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

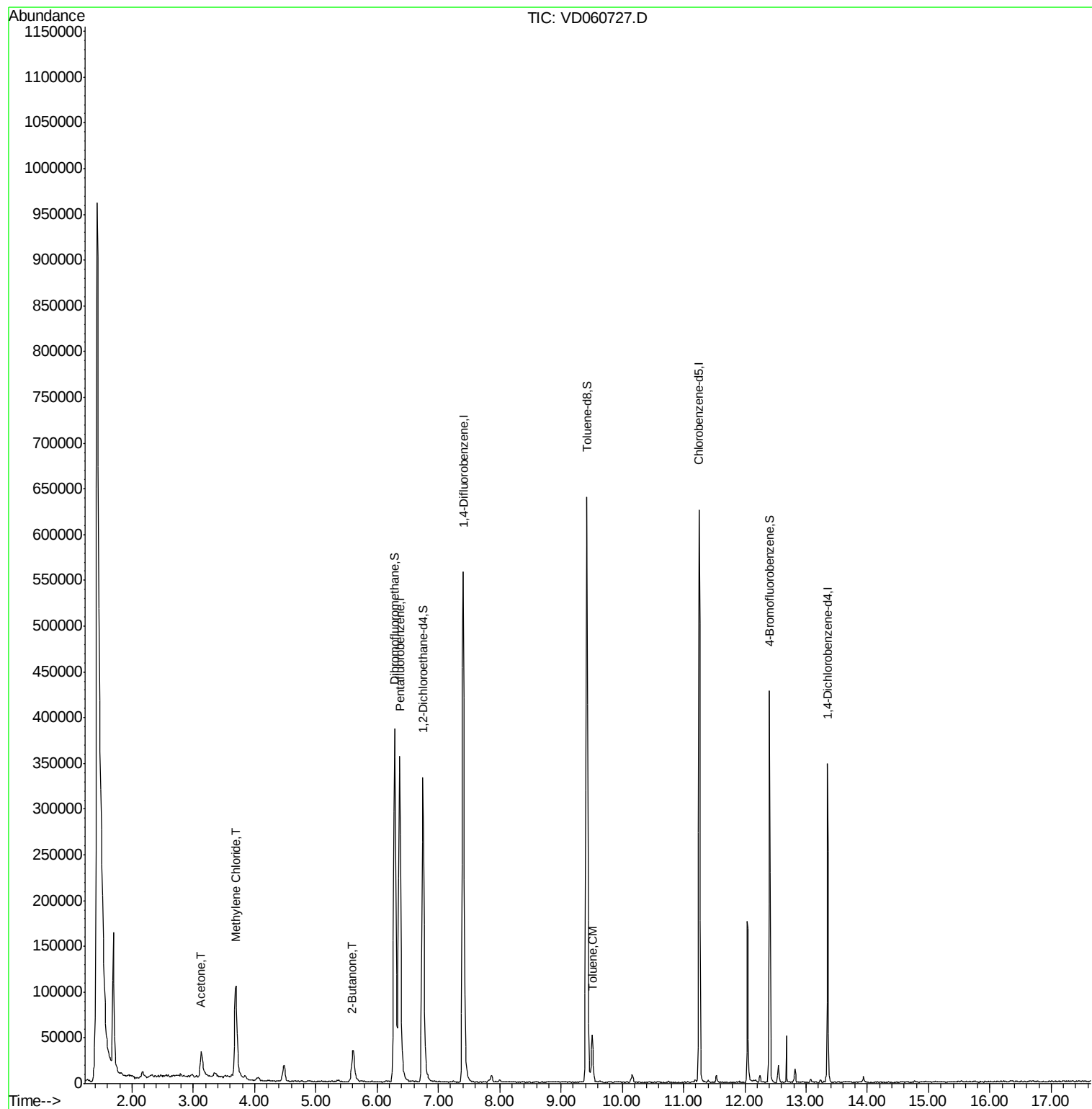
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	357069	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	575265	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	332982	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	78065	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.75	65	283069	114.72	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	229.44%	
35) Dibromofluoromethane	6.28	113	310002	73.63	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	147.26%	
50) Toluene-d8	9.42	98	515574	41.04	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	82.08%	
62) 4-Bromofluorobenzene	12.40	95	109650	24.92	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	49.84%	
Target Compounds						
16) Acetone	3.12	43	62131	144.178	ug/l	93
20) Methylene Chloride	3.70	84	72458	16.191	ug/l	97
25) 2-Butanone	5.58	43	11251	13.644	ug/l	96
52) Toluene	9.51	92	24915	2.597	ug/l	99

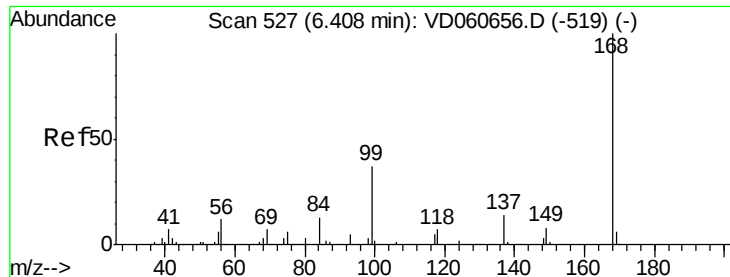
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122718\
Data File : VD060727.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

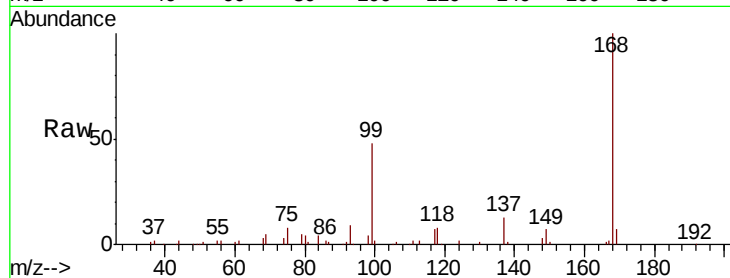
P001-SS021-1824-01RE

Tot Ion:168 Resp: 357069

Ion Ratio Lower Upper

168 100

99 47.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

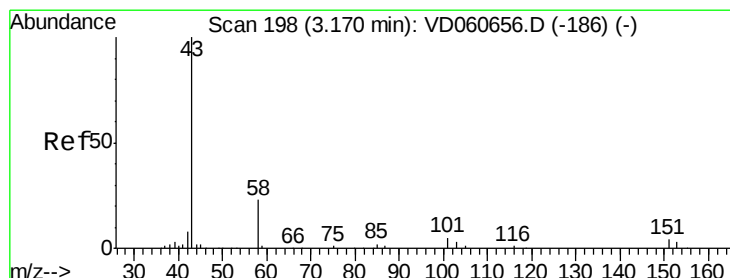
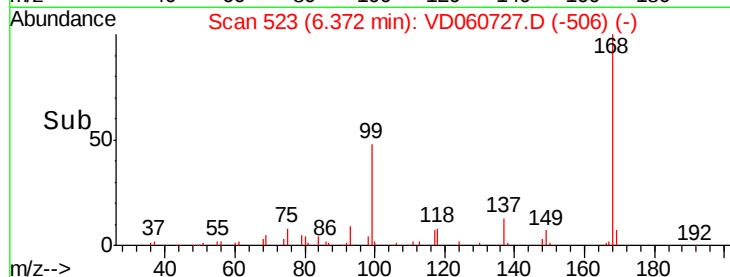
150000

100000

50000

0

Time--> 6.20 6.30 6.40 6.50



#16

Acetone

Concen: 144.178 ug/l

RT: 3.12 min Scan# 193

Delta R.T. -0.05 min

Lab File: VD060727.D

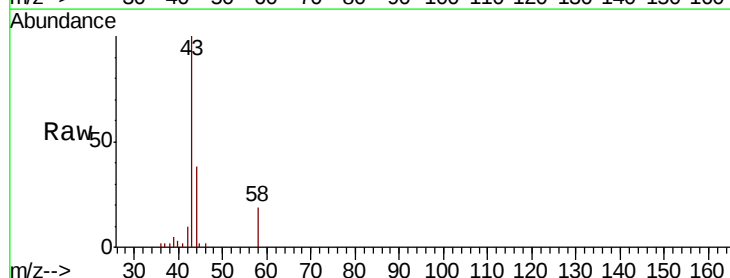
Acq: 27 Dec 2018 15:35

Tgt Ion: 43 Resp: 62131

Ion Ratio Lower Upper

43 100

58 19.5 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.12

20000

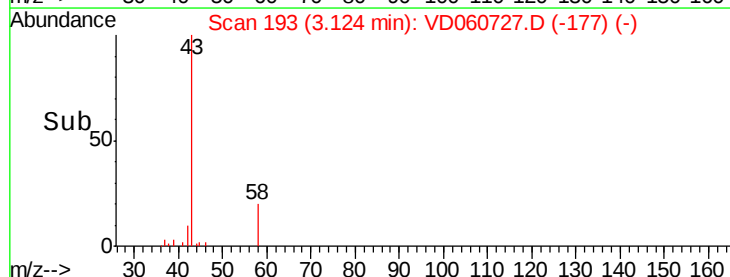
15000

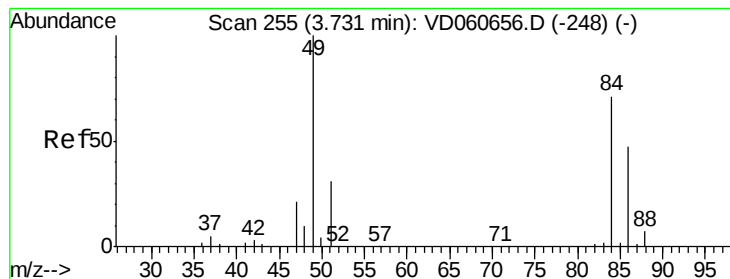
10000

5000

0

Time--> 3.00 3.10 3.20 3.30 3.40





#20

Methvlene Chloride

Concen: 16.191 ug/l

RT: 3.70 min Scan# 251

Delta R.T. -0.04 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

P001-SS021-1824-01RE

Tot Ion: 84 Resp: 72458

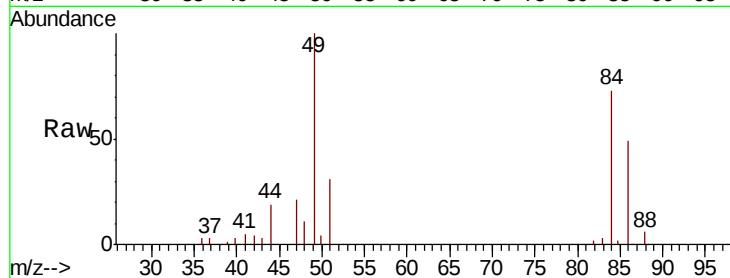
Ion Ratio Lower Upper

84 100

49 137.3 113.6 170.4

51 42.6 34.7 52.1

86 67.2 52.8 79.2

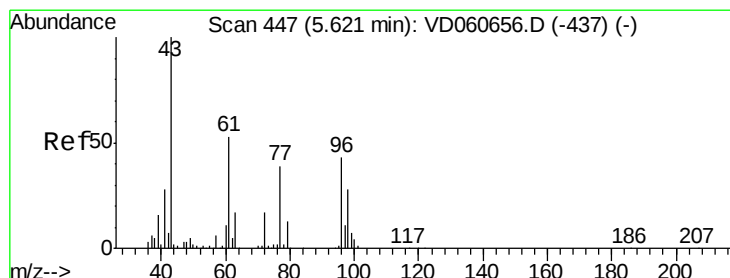
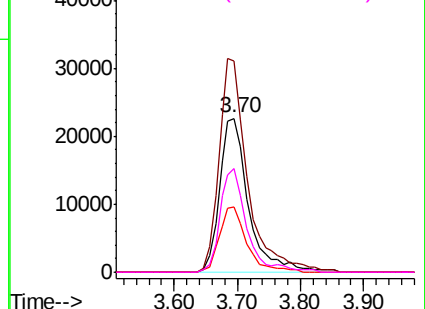
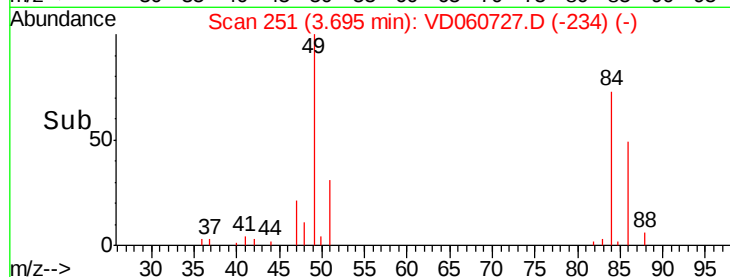


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 13.644 ug/l

RT: 5.58 min Scan# 443

Delta R.T. -0.04 min

Lab File: VD060727.D

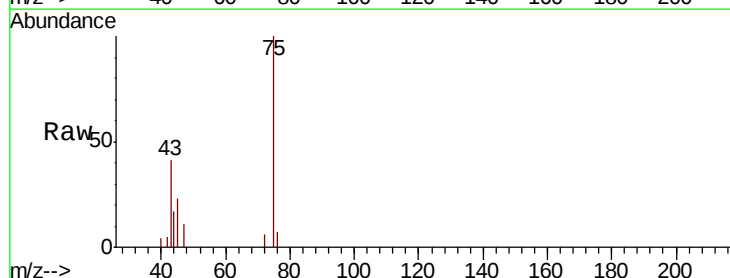
Acq: 27 Dec 2018 15:35

Tgt Ion: 43 Resp: 11251

Ion Ratio Lower Upper

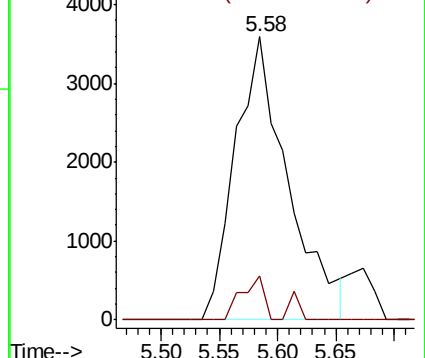
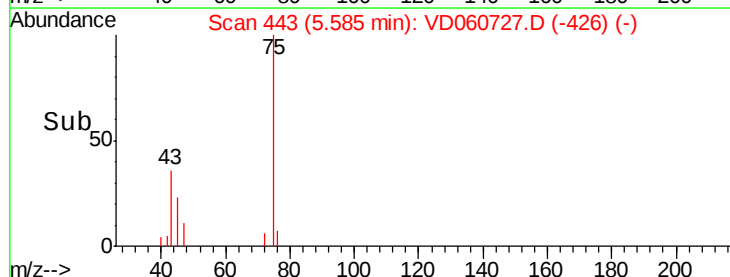
43 100

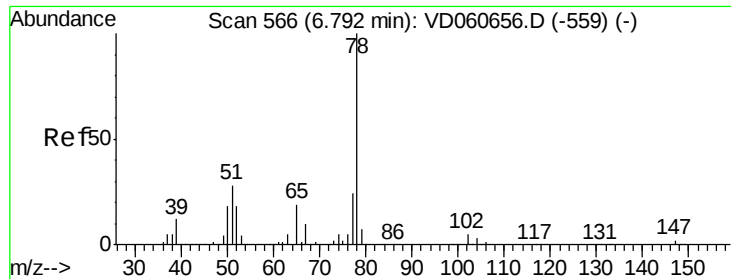
72 15.5 13.7 20.5



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: N.D. ug/l

RT: 6.75 min Scan# 561

Delta R.T. -0.05 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

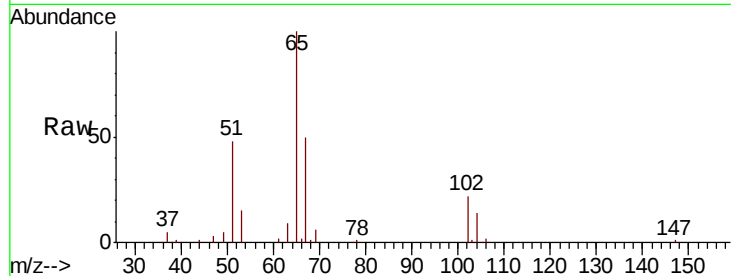
P001-SS021-1824-01RE

Tot Ion: 65 Resp: 283069

Ion Ratio Lower Upper

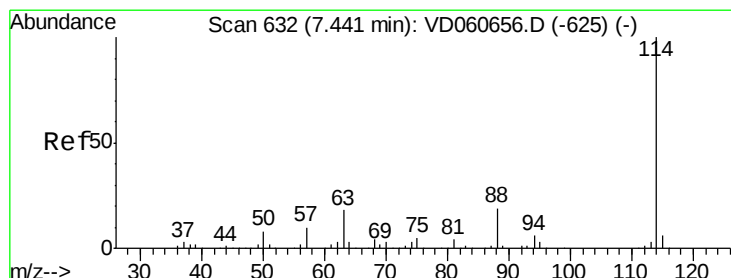
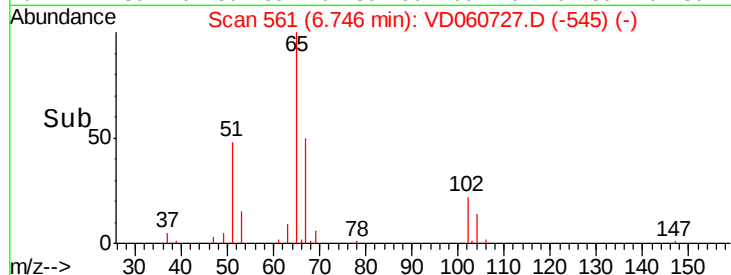
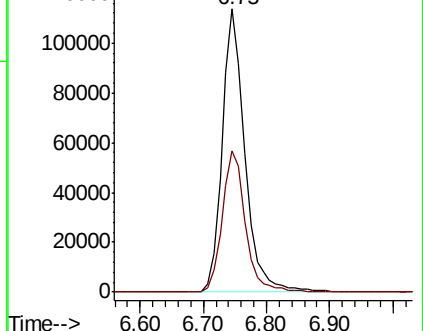
65 100

67 49.9 0.0 105.4



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: 7.41 min Scan# 628

Delta R.T. -0.04 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

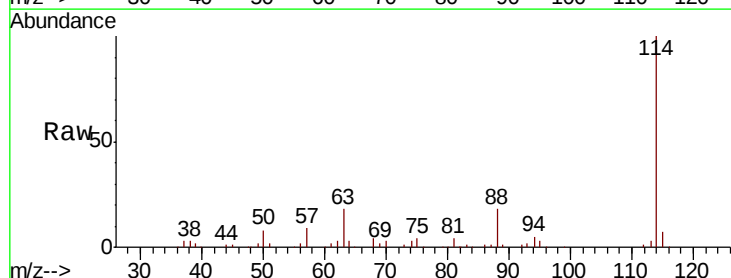
Tgt Ion: 114 Resp: 575265

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.2

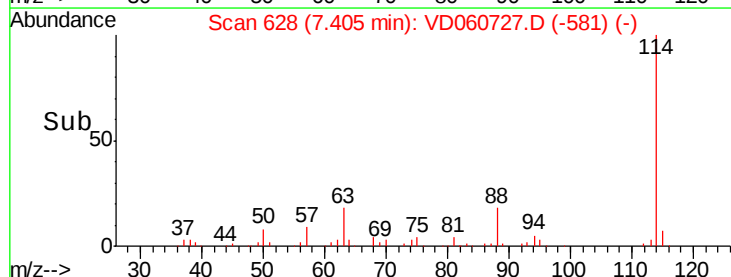
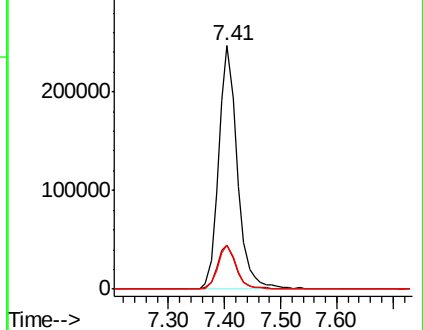
88 18.2 0.0 37.0

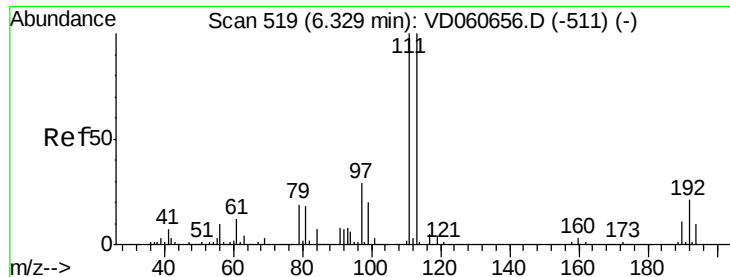


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

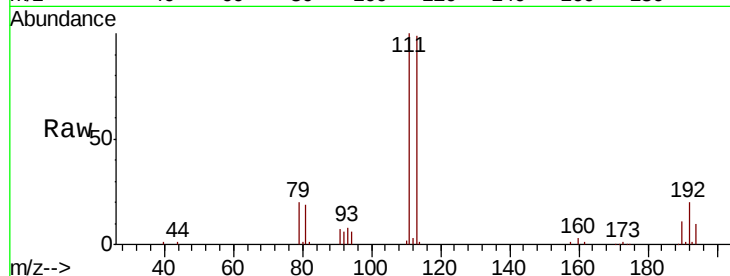




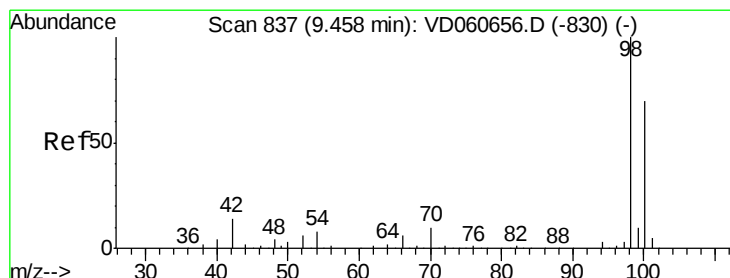
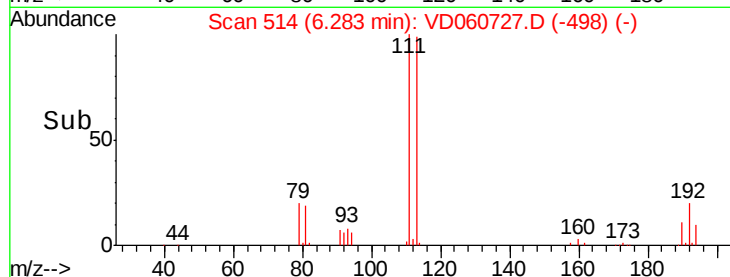
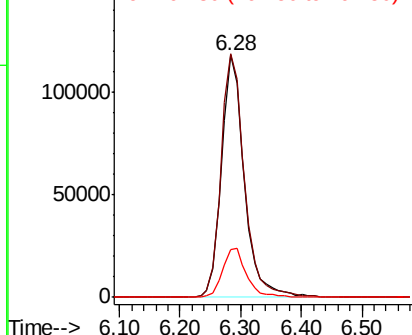
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.28 min Scan# 514
Delta R.T. -0.05 min
Lab File: VD060727.D
Acq: 27 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :
P001-SS021-1824-01RE

Tot Ion:113 Resp: 310002
Ion Ratio Lower Upper
113 100
111 100.6 80.0 120.0
192 20.0 16.6 25.0

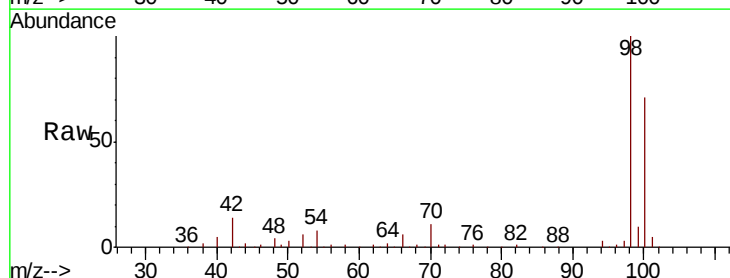


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

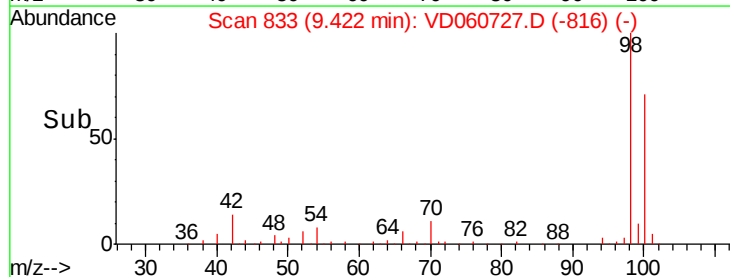
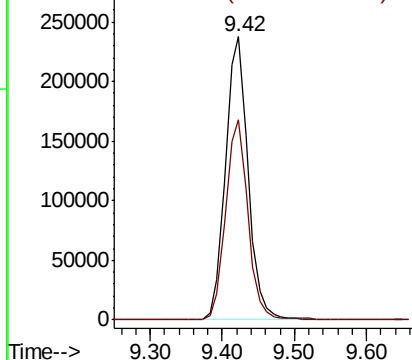


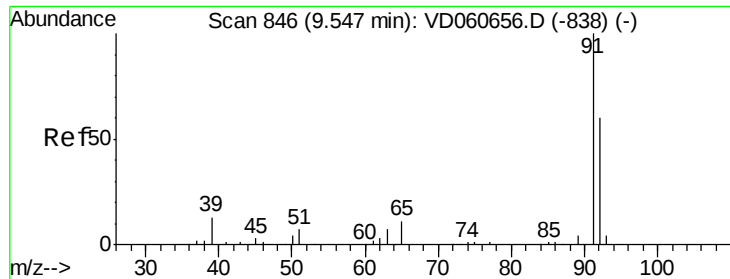
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 833
Delta R.T. -0.04 min
Lab File: VD060727.D
Acq: 27 Dec 2018 15:35

Tgt Ion: 98 Resp: 515574
Ion Ratio Lower Upper
98 100
100 70.9 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.597 ug/l

RT: 9.51 min Scan# 842

Delta R.T. -0.04 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

Instrument :

MSVOA_D

ClientSampleId :

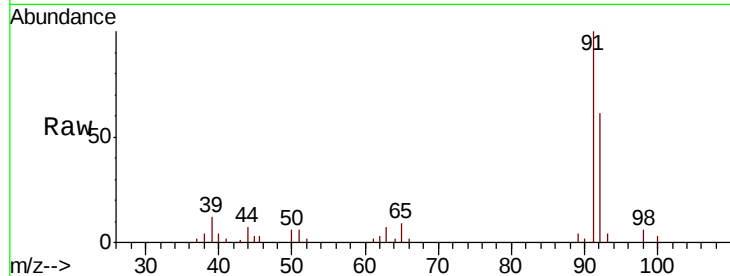
P001-SS021-1824-01RE

Tot Ion: 92 Resp: 24915

Ion Ratio Lower Upper

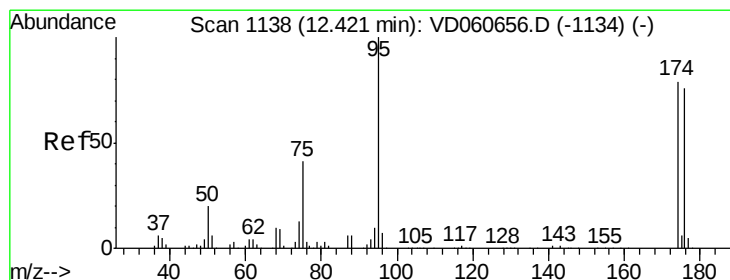
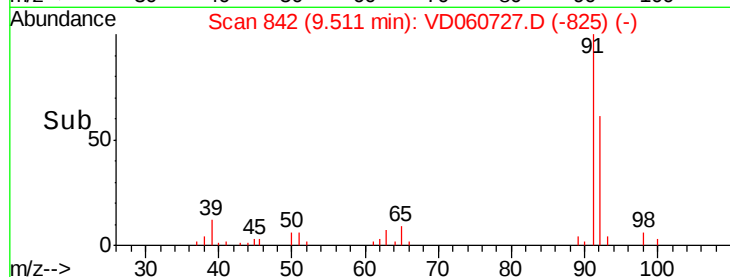
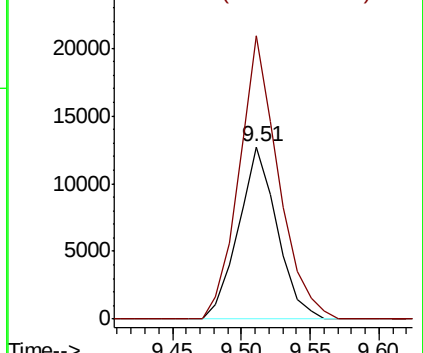
92 100

91 164.1 132.6 199.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 1136

Delta R.T. -0.02 min

Lab File: VD060727.D

Acq: 27 Dec 2018 15:35

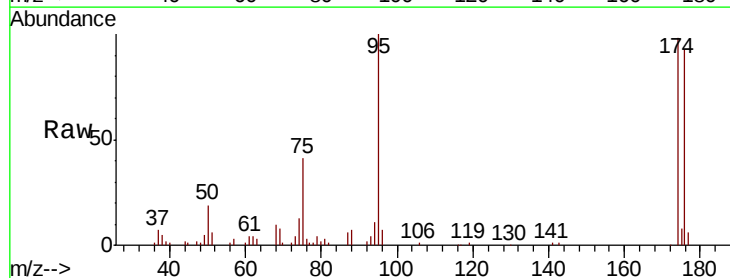
Tgt Ion: 95 Resp: 109650

Ion Ratio Lower Upper

95 100

174 98.1 0.0 158.2

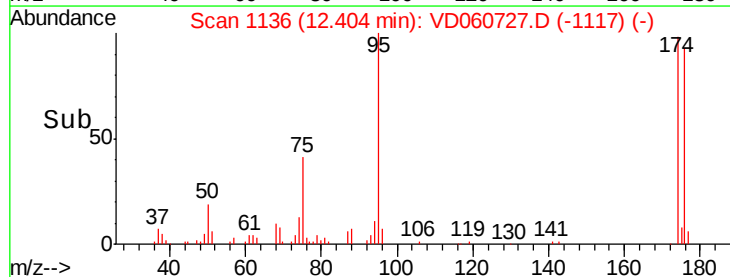
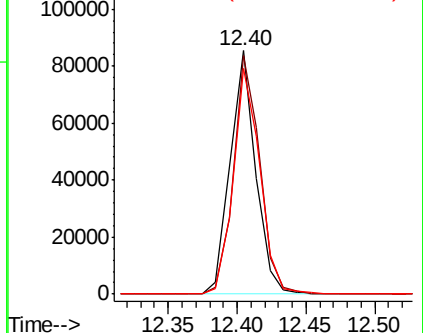
176 92.5 0.0 152.4

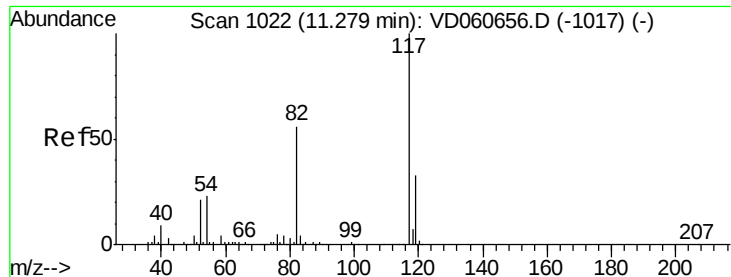


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

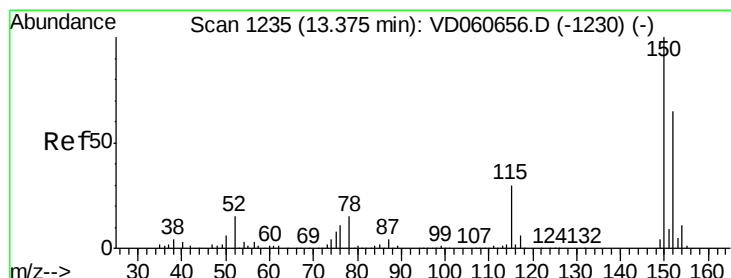
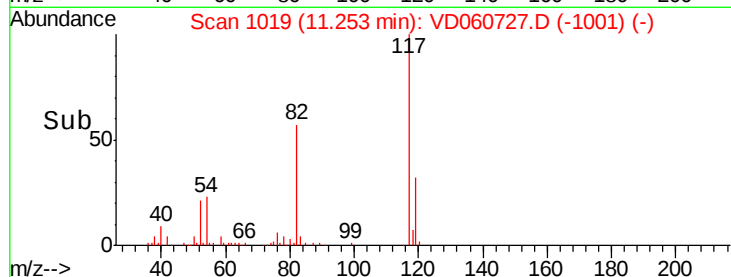
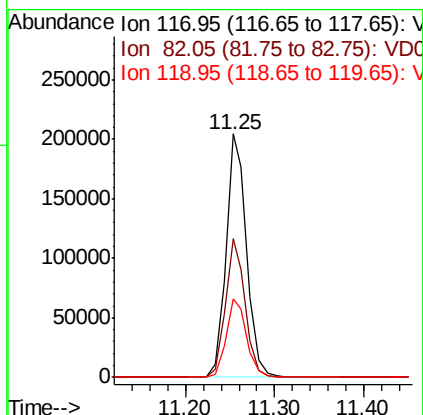
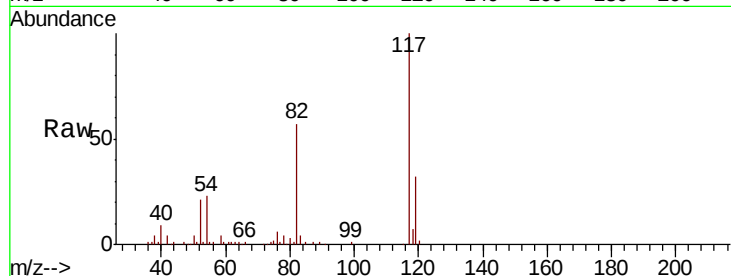




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VD060727.D
Acq: 27 Dec 2018 15:35

Instrument :
MSVOA_D
ClientSampleId :
P001-SS021-1824-01RE

Tot Ion:117 Resp: 332982
Ion Ratio Lower Upper
117 100
82 57.1 44.5 66.7
119 32.1 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD060727.D
Acq: 27 Dec 2018 15:35

Tgt Ion:152 Resp: 78065
Ion Ratio Lower Upper
152 100
115 56.6 24.1 72.3
150 158.3 0.0 315.0

