

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121319\
 Data File : VD064513.D
 Acq On : 13 Dec 2019 18:17
 Operator : VA/SY
 Sample : K6294-01
 Misc : 4.86G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 14 00:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

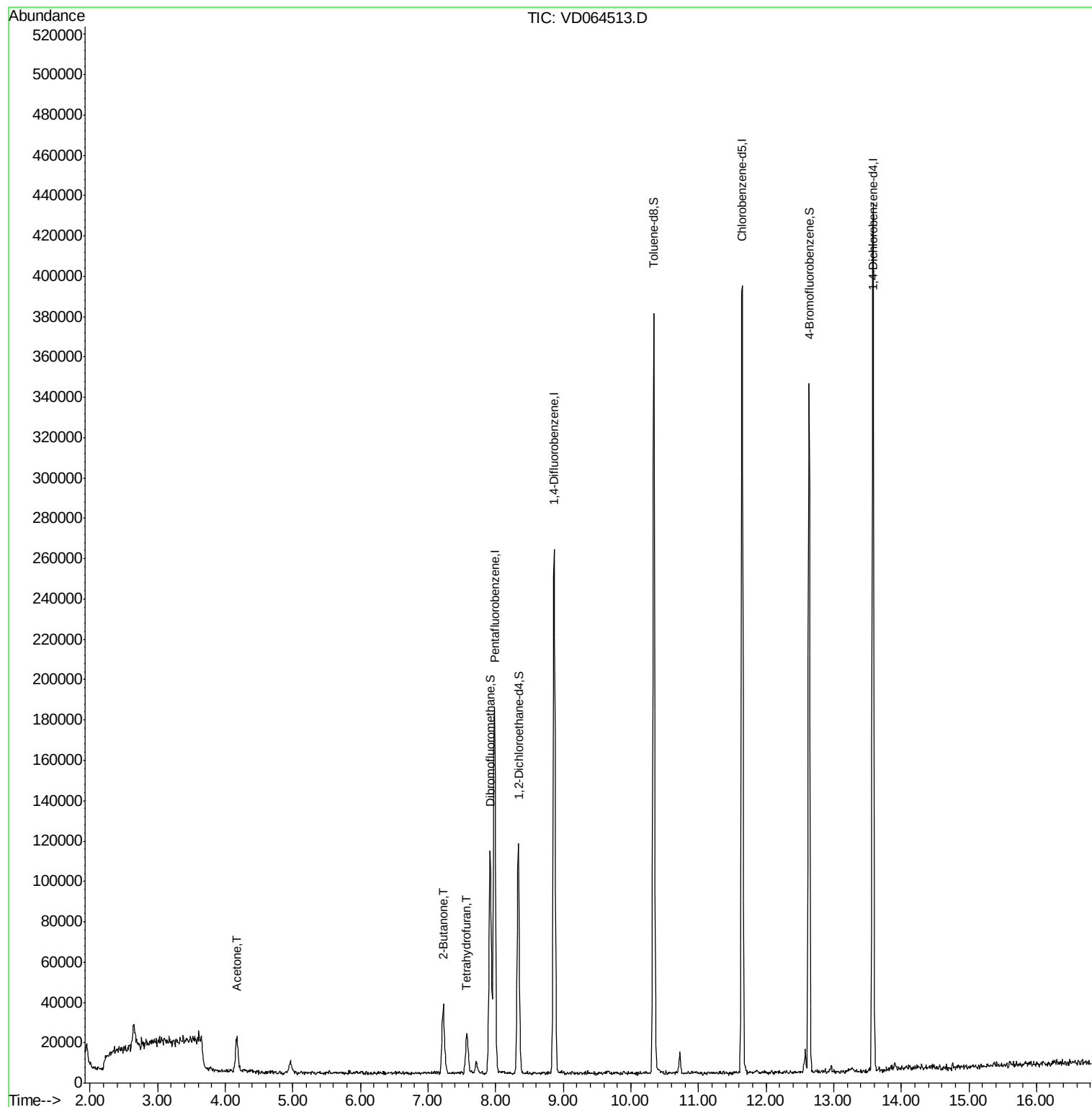
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	143512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	222409	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	233718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	120416	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	89930	69.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.46%	
35) Dibromofluoromethane	7.91	113	79519	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
50) Toluene-d8	10.34	98	270291	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.64	95	104430	61.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.12%	
Target Compounds						
16) Acetone	4.17	43	30658	116.792	ug/l #	88
25) 2-Butanone	7.23	43	55494	149.487	ug/l	99
29) Tetrahydrofuran	7.57	42	15413	65.258	ug/l	93

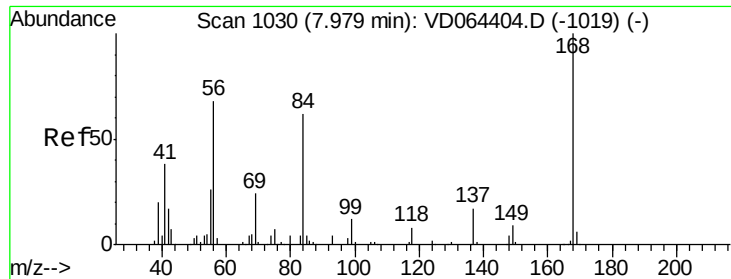
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

Instrument :

MSVOA_D

ClientSampleId :

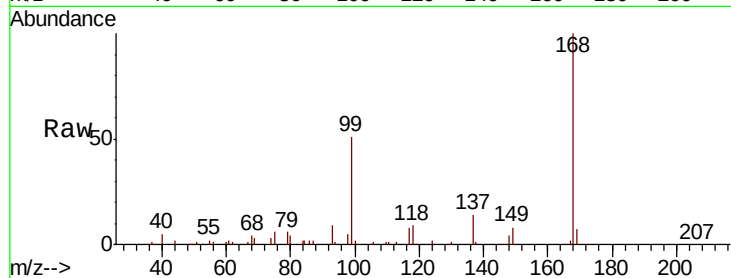
TP-1

Tot Ion:168 Resp: 143512

Ion Ratio Lower Upper

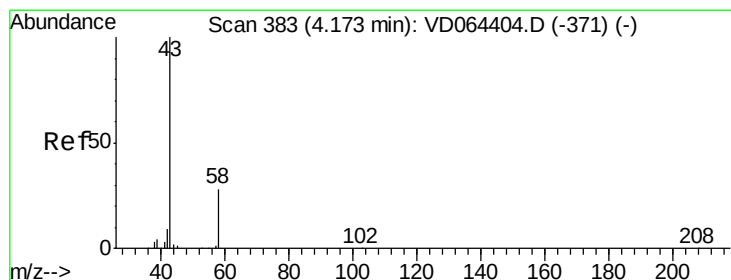
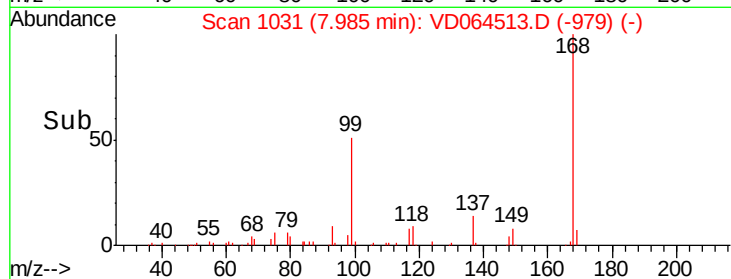
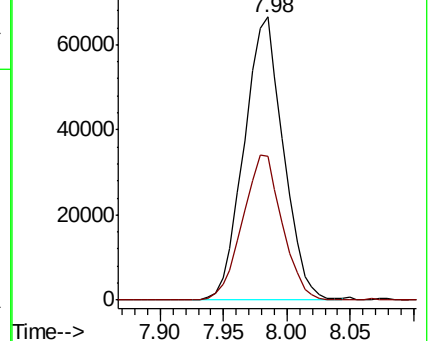
168 100

99 50.8 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 116.792 ug/l

RT: 4.17 min Scan# 383

Delta R.T. -0.00 min

Lab File: VD064513.D

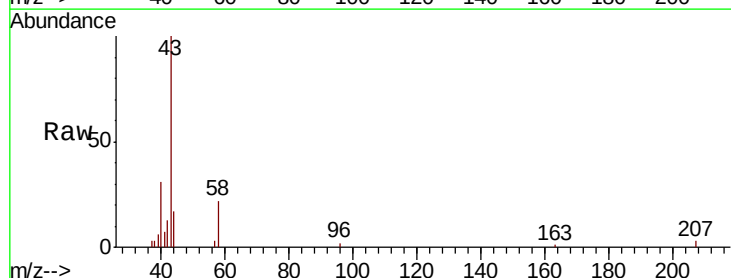
Acq: 13 Dec 2019 18:17

Tgt Ion: 43 Resp: 30658

Ion Ratio Lower Upper

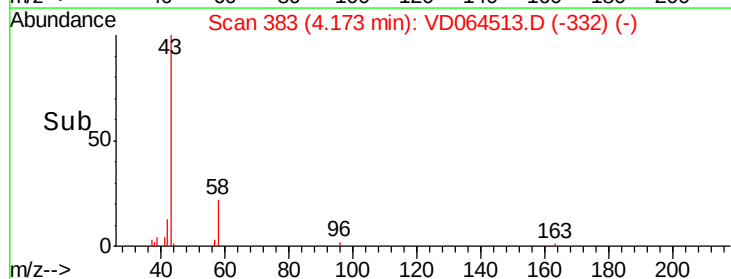
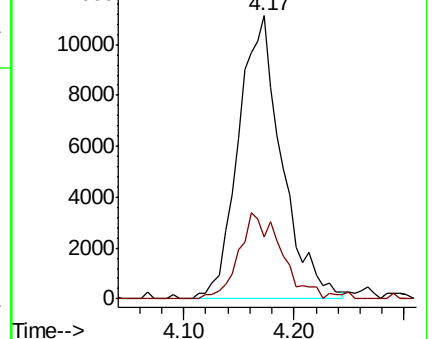
43 100

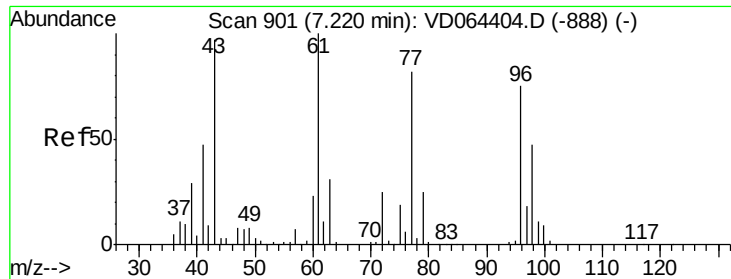
58 21.7 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 149.487 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

Instrument :

MSVOA_D

ClientSampleId :

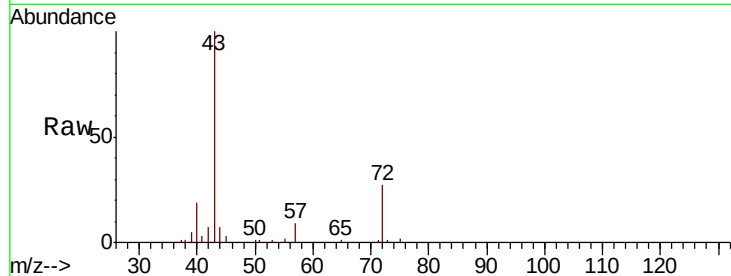
TP-1

Tot Ion: 43 Resp: 55494

Ion Ratio Lower Upper

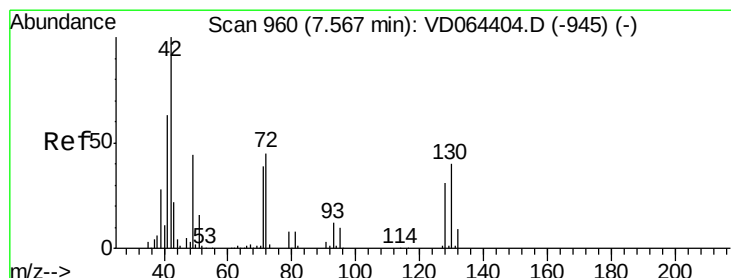
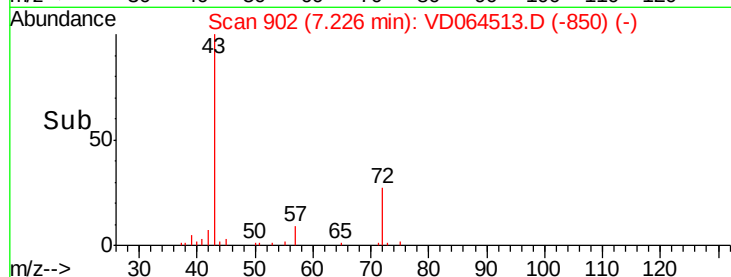
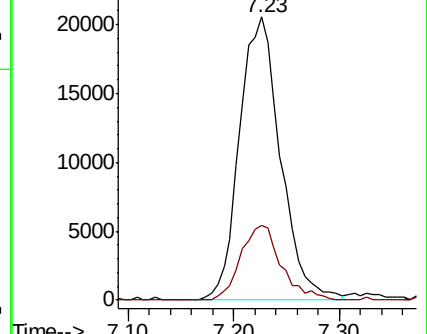
43 100

72 26.6 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 65.258 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.00 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

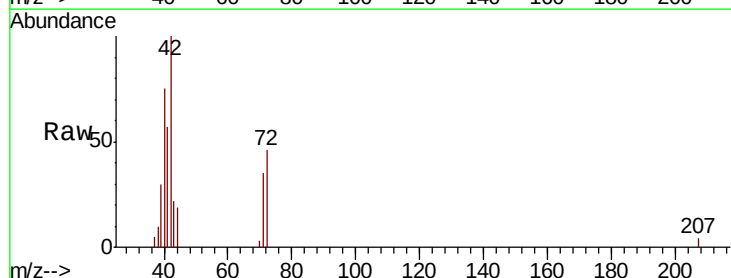
Tgt Ion: 42 Resp: 15413

Ion Ratio Lower Upper

42 100

72 48.0 35.8 53.8

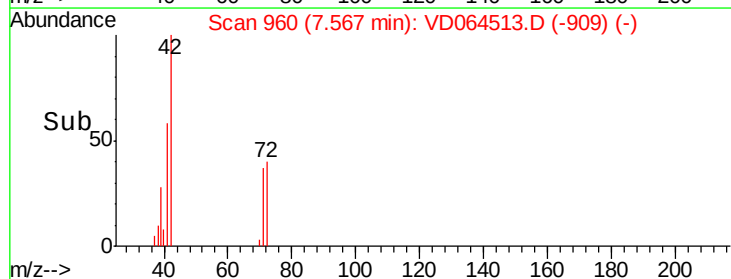
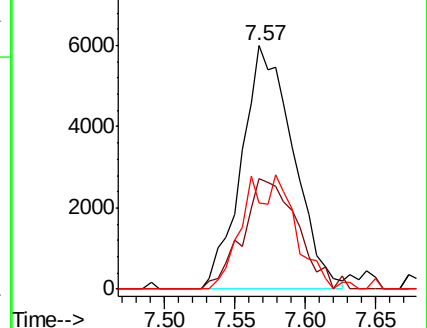
71 46.4 32.7 49.1

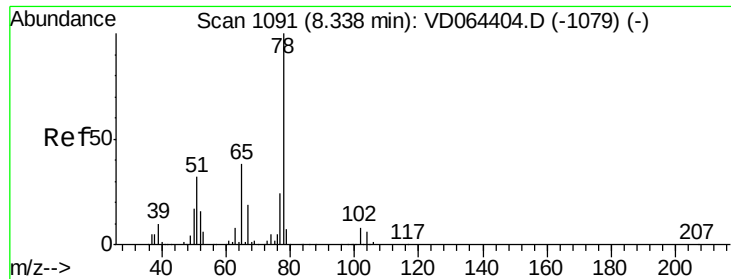


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

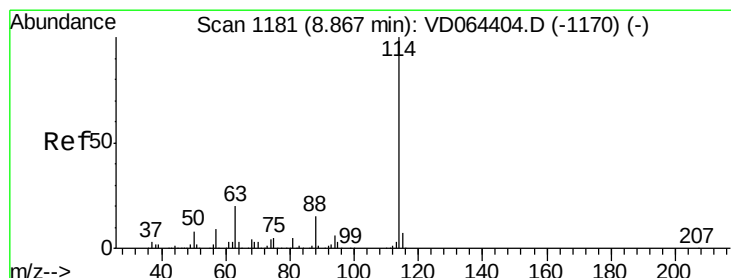
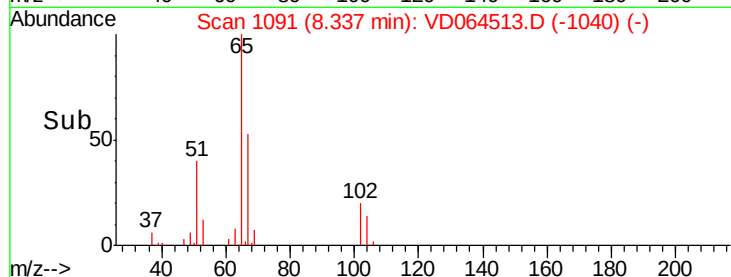
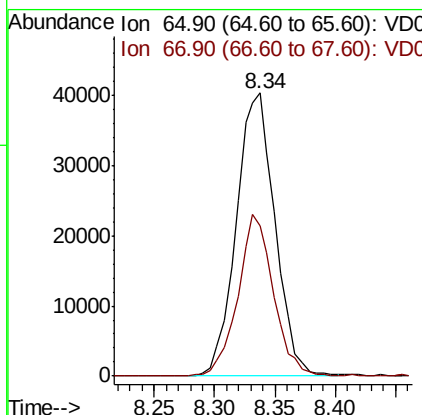
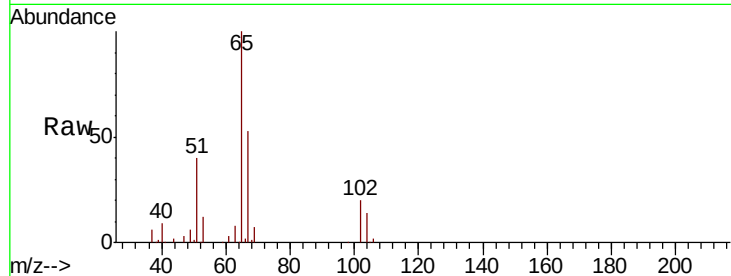




#33
 1,2-Dichloroethane-d4
 Concen: 69.231 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064513.D
 Acq: 13 Dec 2019 18:17

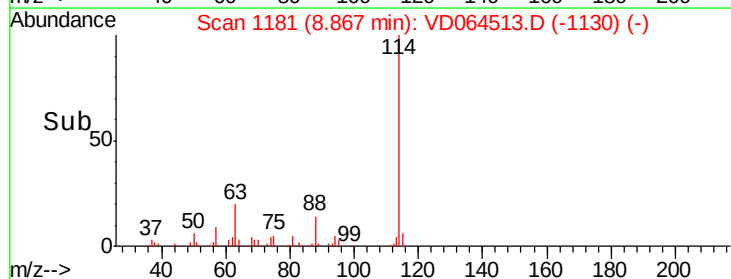
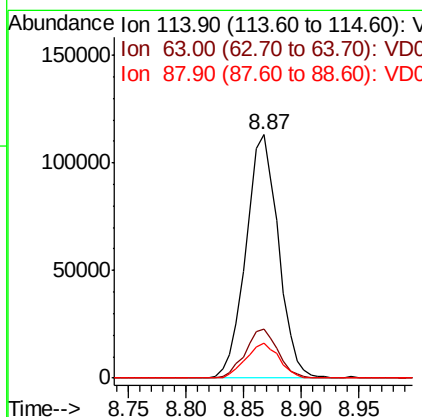
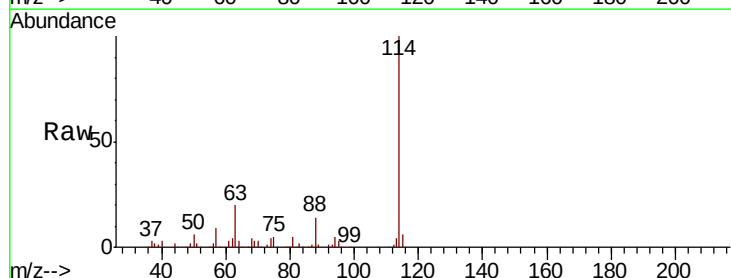
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

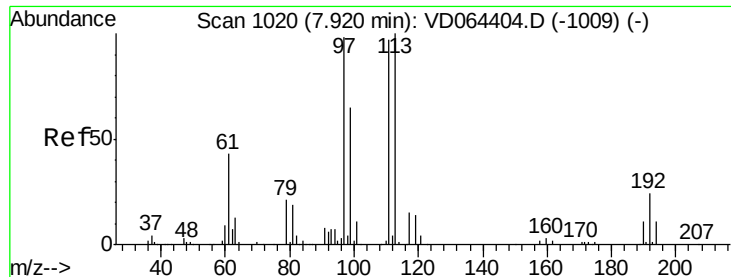
Tot Ion: 65 Resp: 89930
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064513.D
 Acq: 13 Dec 2019 18:17

Tgt Ion: 114 Resp: 222409
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.0
 88 14.5 0.0 29.2

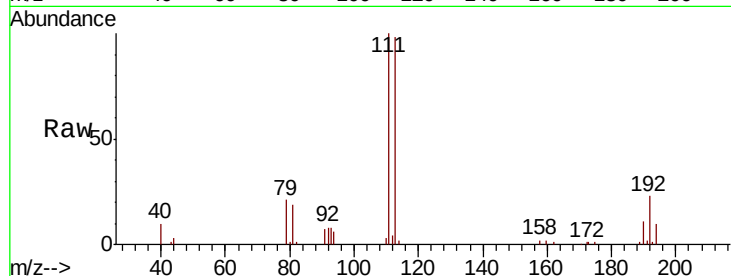




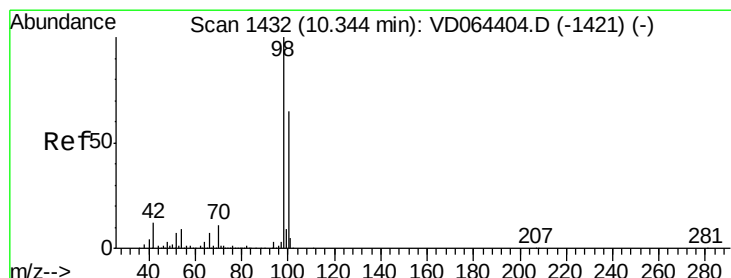
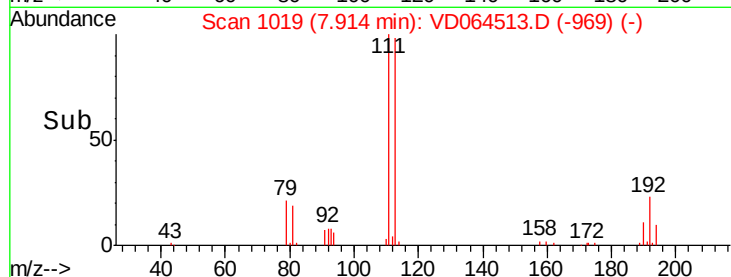
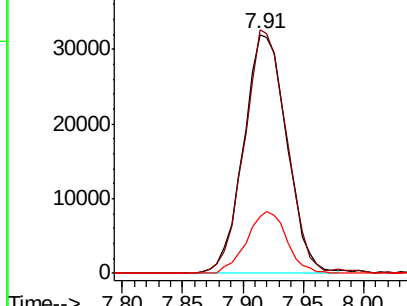
#35
Dibromofluoromethane
Concen: 56.747 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064513.D
Acq: 13 Dec 2019 18:17

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.1	79.4	119.2
192	23.8	18.6	28.0

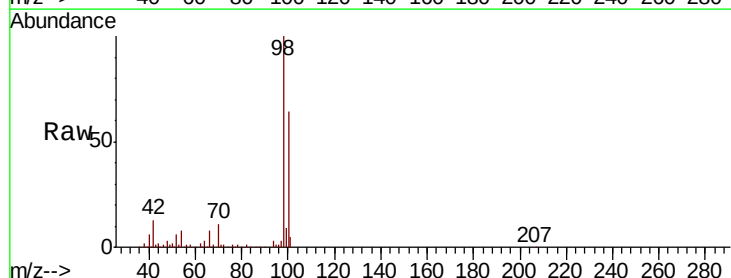


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

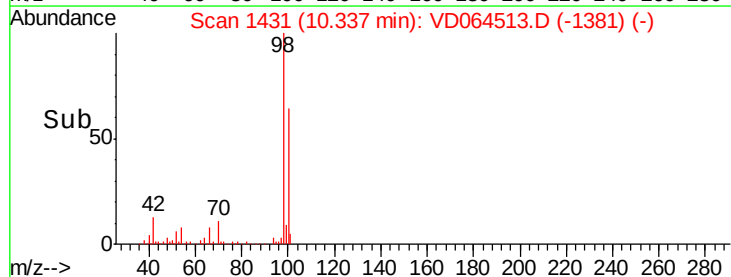
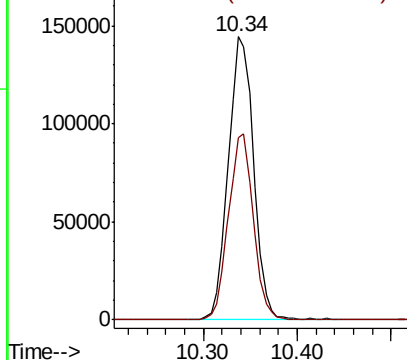


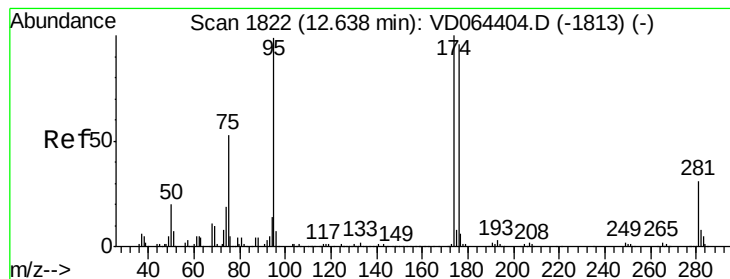
#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064513.D
Acq: 13 Dec 2019 18:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.6	79.0



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





#62

4-Bromofluorobenzene

Concen: 61.561 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

Instrument :

MSVOA_D

ClientSampleId :

TP-1

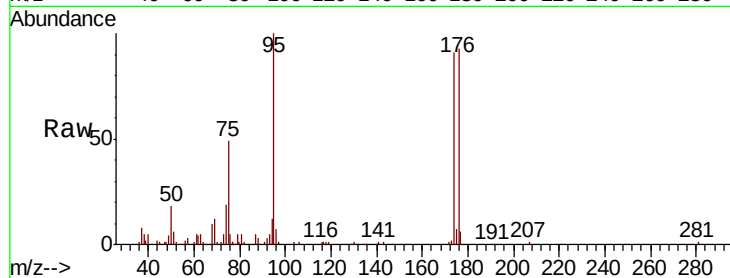
Tot Ion: 95 Resp: 104430

Ion Ratio Lower Upper

95 100

174 95.4 0.0 197.2

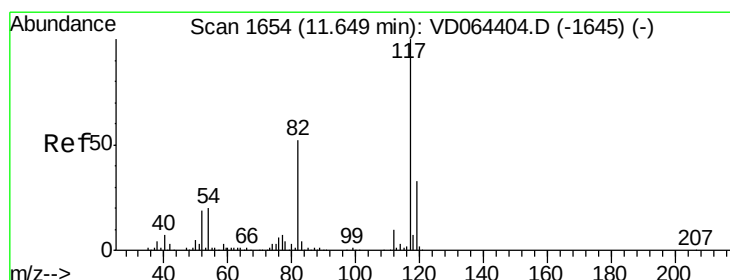
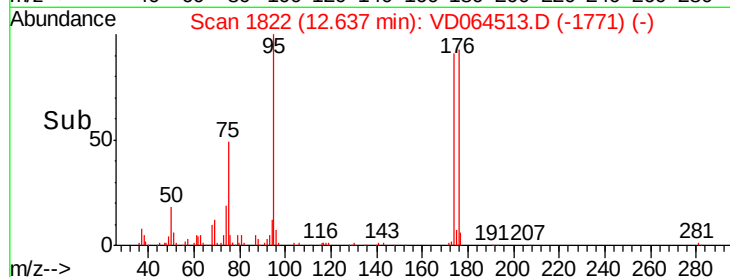
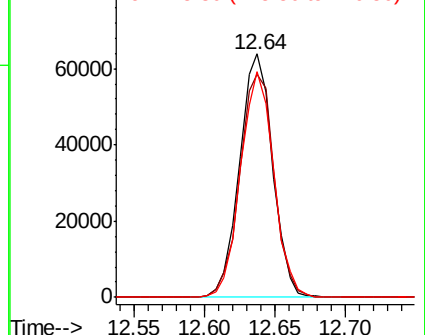
176 92.9 0.0 189.6



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

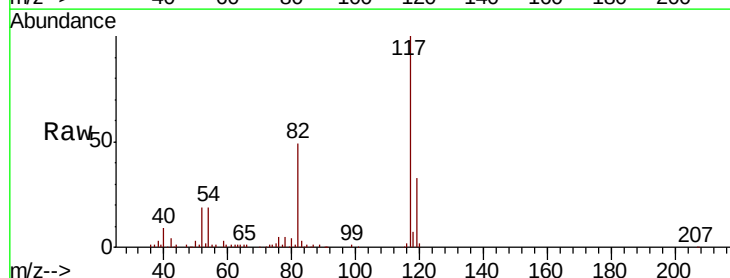
Tgt Ion: 117 Resp: 233718

Ion Ratio Lower Upper

117 100

82 49.2 41.4 62.2

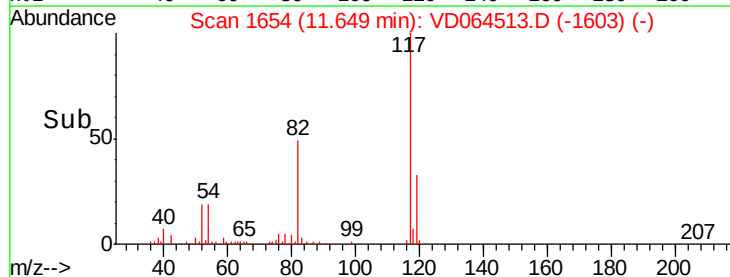
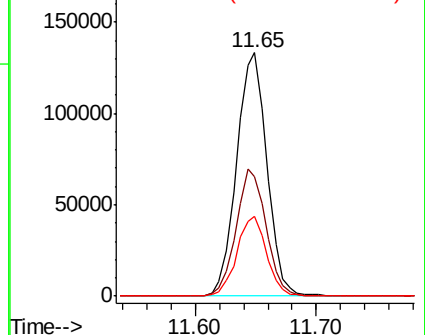
119 32.8 26.2 39.2

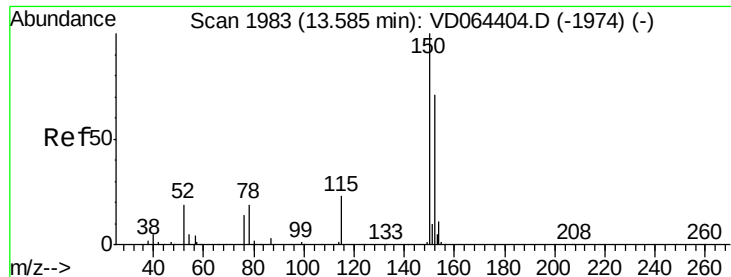


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064513.D

Acq: 13 Dec 2019 18:17

Instrument :

MSVOA_D

ClientSampleId :

TP-1

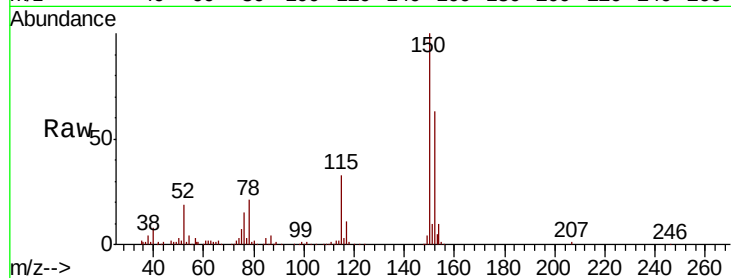
Tot Ion:152 Resp: 120416

Ion Ratio Lower Upper

152 100

115 53.7 26.7 80.1

150 154.3 0.0 347.2



Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

