

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010820\
 Data File : VD064806.D
 Acq On : 08 Jan 2020 15:08
 Operator : VA/SY
 Sample : 40Z JAR
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 40Z JAR

Quant Time: Jan 08 15:26:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

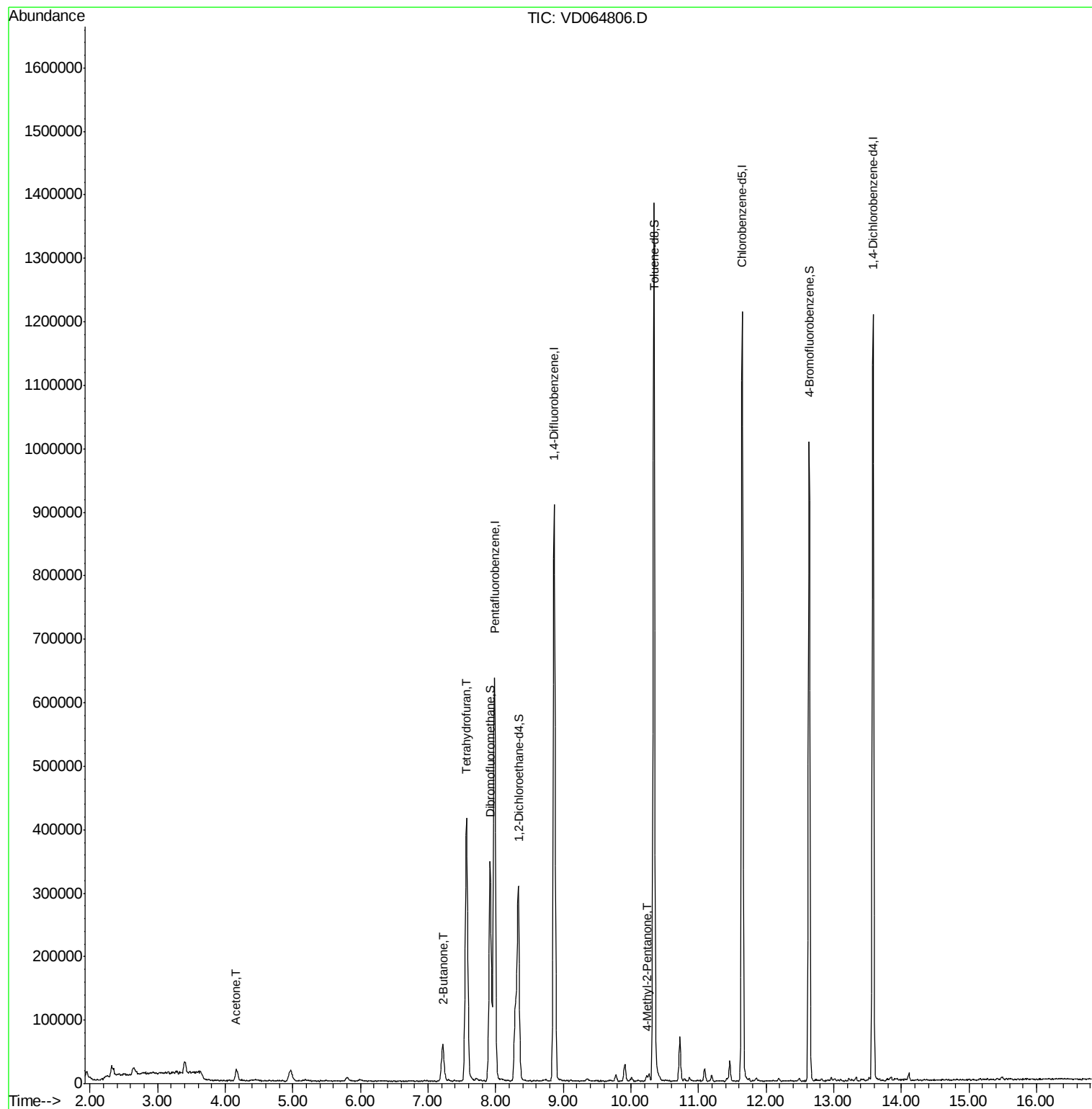
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	502106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	770458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	693912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317843	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	239085	54.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.00%	
35) Dibromofluoromethane	7.92	113	237424	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	930577	51.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.64	95	282899	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
Target Compounds						
16) Acetone	4.17	43	31481	34.214	ug/l #	85
20) Methylene Chloride	4.96	84	12084	Below Cal		96
25) 2-Butanone	7.23	43	29284	24.062	ug/l	95
29) Tetrahydrofuran	7.57	42	326025	430.775	ug/l	100
51) 4-Methyl-2-Pentanone	10.24	43	6479	2.261	ug/l	99

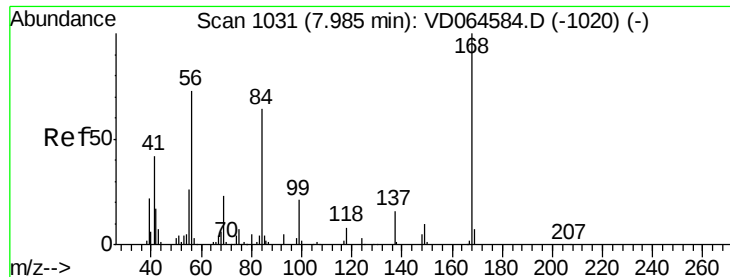
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064806.D

Acq: 08 Jan 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

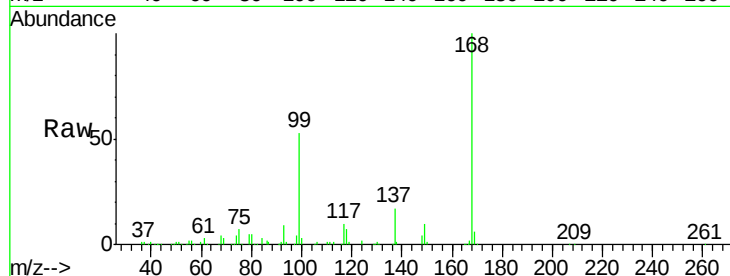
4OZ JAR

Tgt Ion:168 Resp: 502106

Ion Ratio Lower Upper

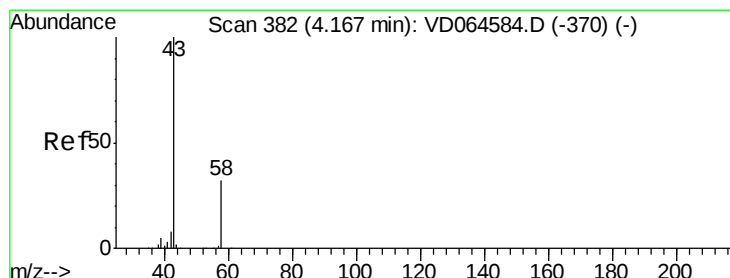
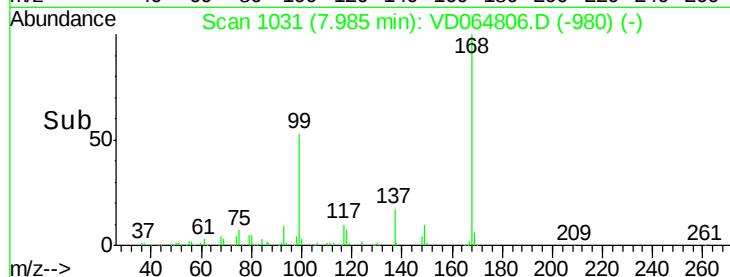
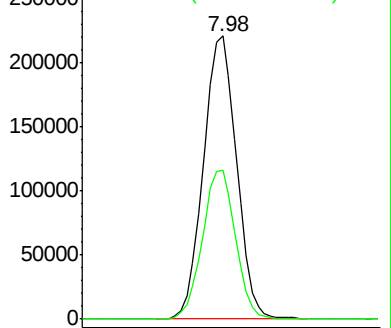
168 100

99 52.5 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 34.214 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064806.D

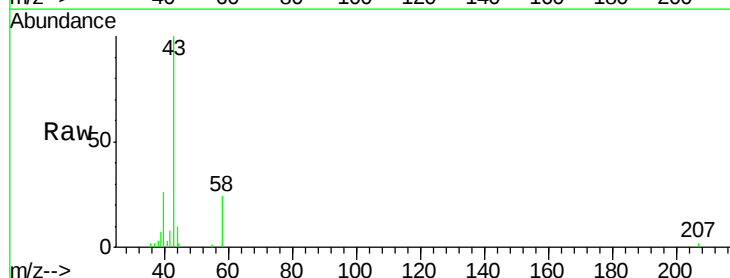
Acq: 08 Jan 2020 15:08

Tgt Ion: 43 Resp: 31481

Ion Ratio Lower Upper

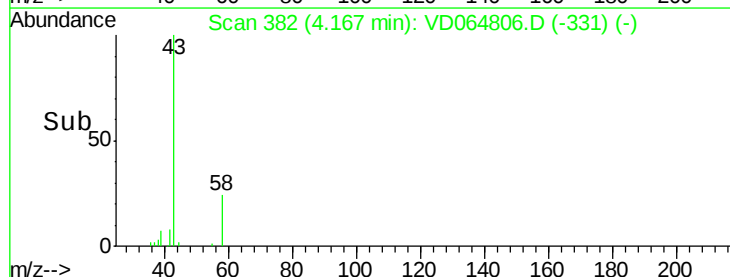
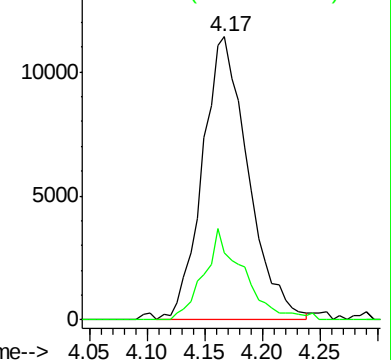
43 100

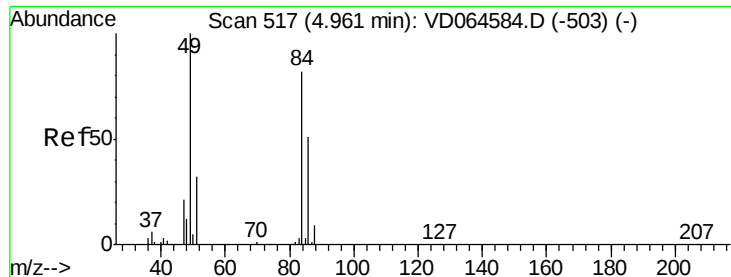
58 23.9 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

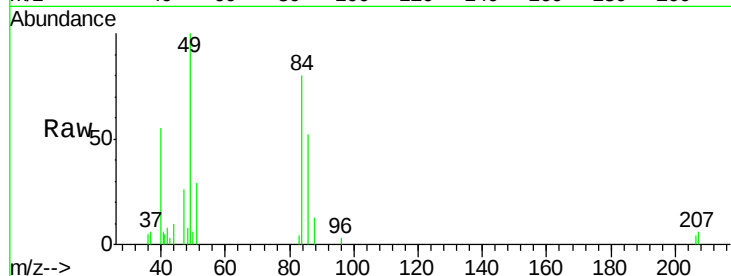




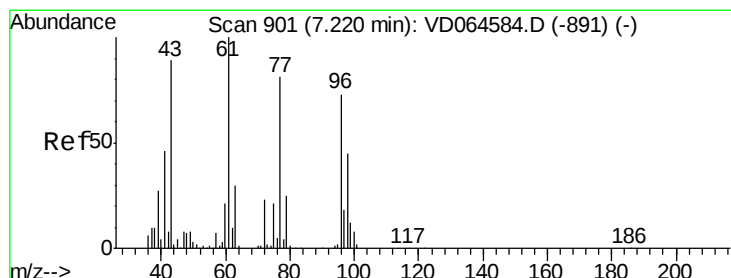
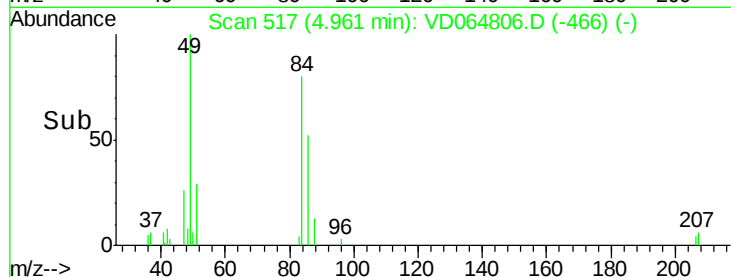
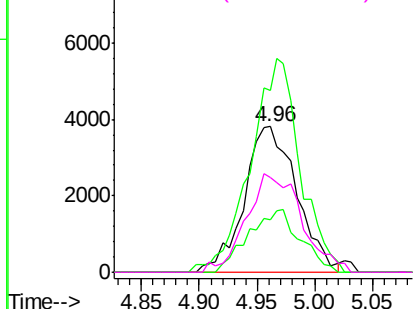
#20
Methylene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

Instrument :
MSVOA_D
ClientSampleId :
4OZ JAR

Tgt Ion: 84 Resp: 12084
Ion Ratio Lower Upper
84 100
49 124.5 97.2 145.8
51 36.3 31.4 47.0
86 65.2 49.3 73.9

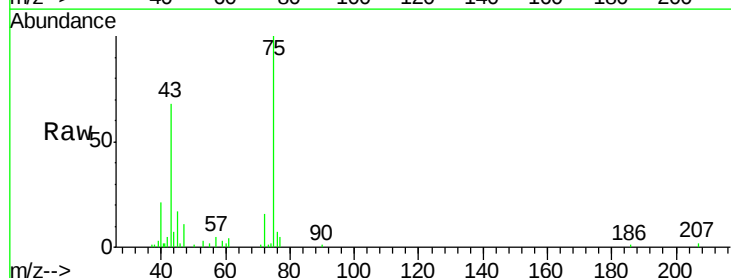


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

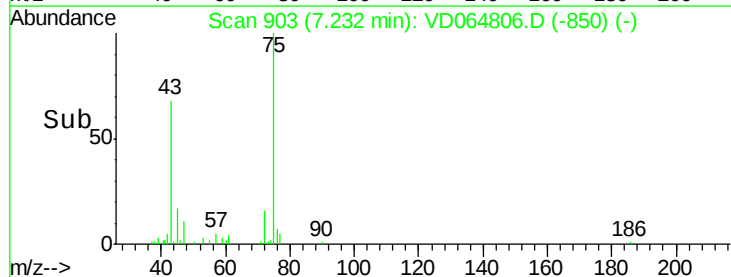
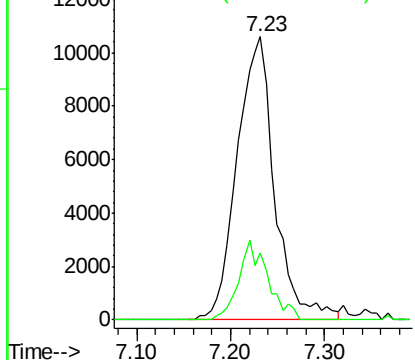


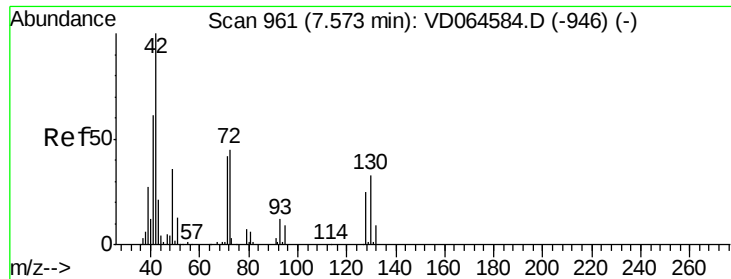
#25
2-Butanone
Concen: 24.062 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

Tgt Ion: 43 Resp: 29284
Ion Ratio Lower Upper
43 100
72 23.6 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

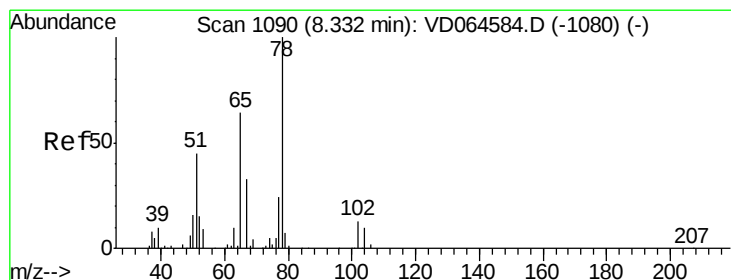
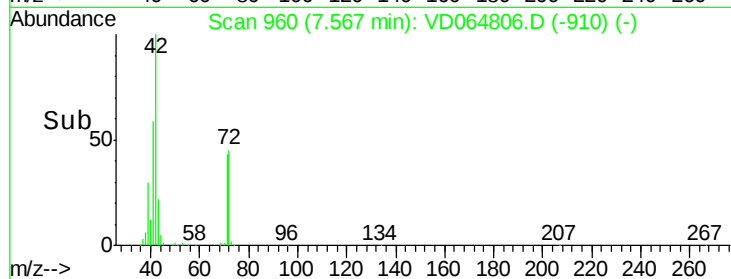
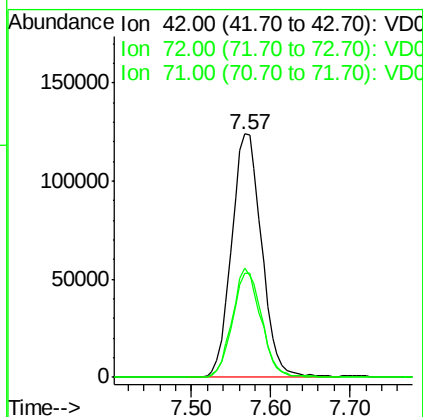
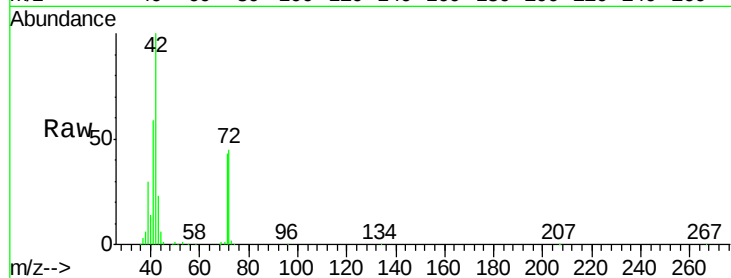




#29
Tetrahydrofuran
Concen: 430.775 ug/l
RT: 7.57 min Scan# 960
Delta R.T. -0.01 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

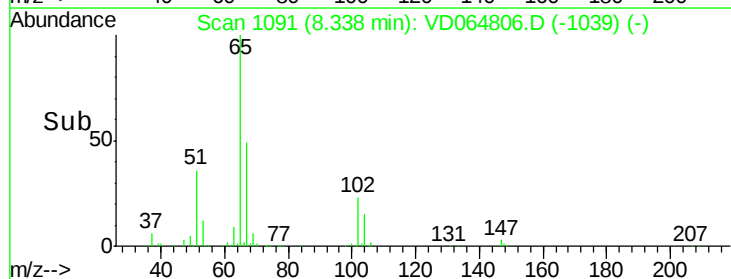
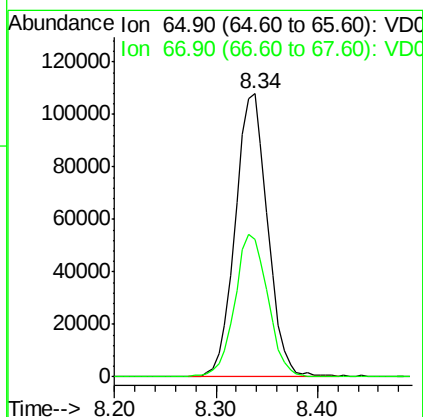
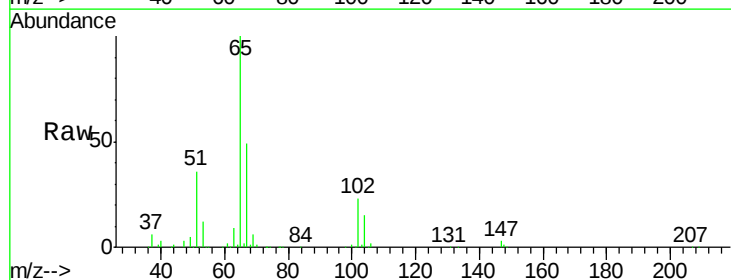
Instrument :
MSVOA_D
ClientSampleId :
4OZ JAR

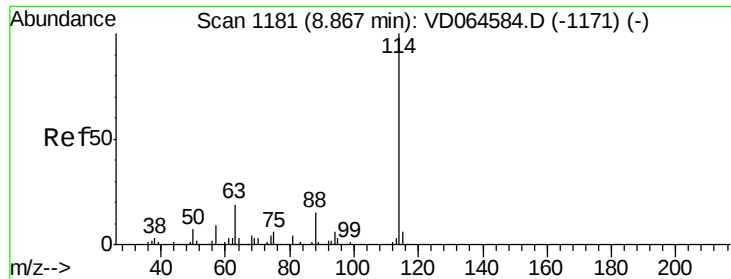
Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.5	35.0	52.4
71	41.4	32.9	49.3



#33
1,2-Dichloroethane-d4
Concen: 54.000 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.2

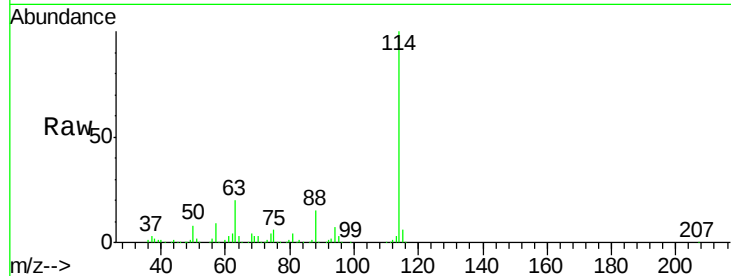




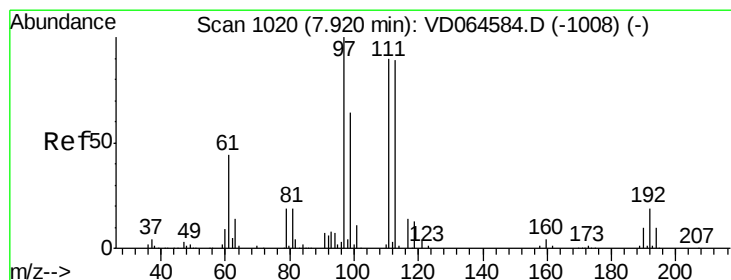
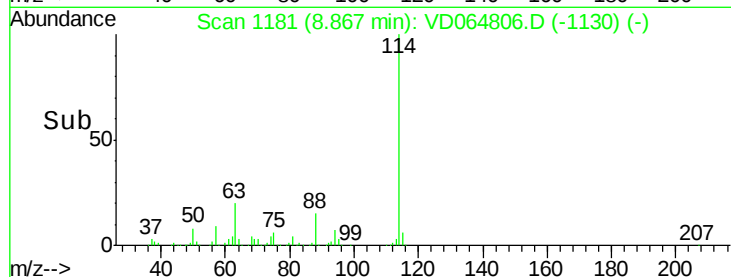
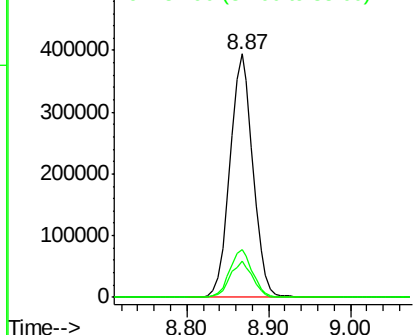
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064806.D
 Acq: 08 Jan 2020 15:08

Instrument :
 MSVOA_D
 ClientSampleId :
 4OZ JAR

Tgt Ion:114 Resp: 770458
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.0
 88 14.8 0.0 29.2

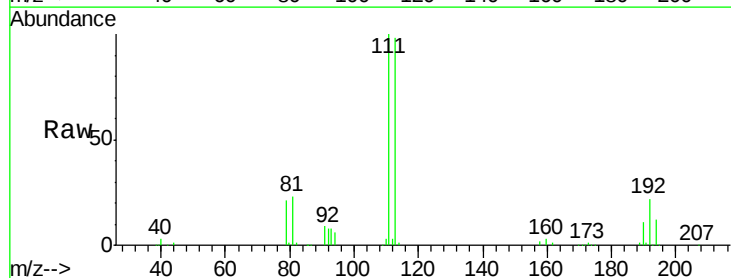


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

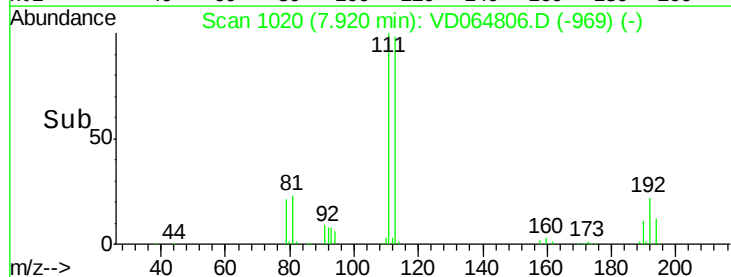
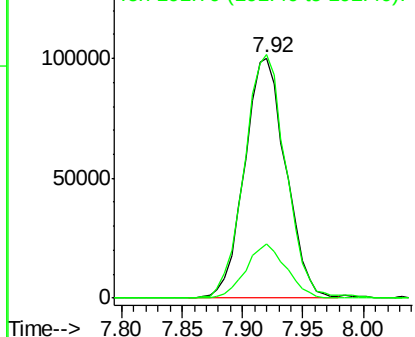


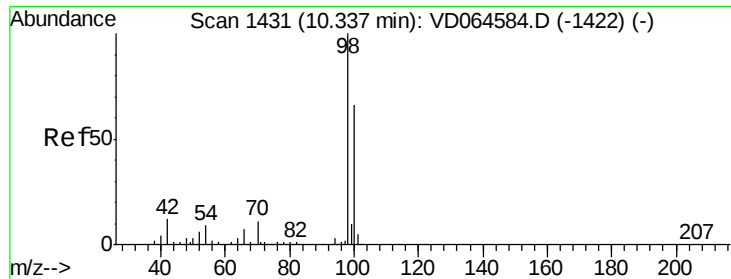
#35
 Dibromofluoromethane
 Concen: 50.228 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064806.D
 Acq: 08 Jan 2020 15:08

Tgt Ion:113 Resp: 237424
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.6 121.0
 192 22.1 17.9 26.9



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

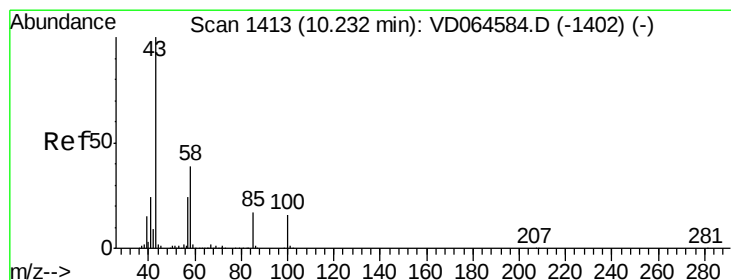
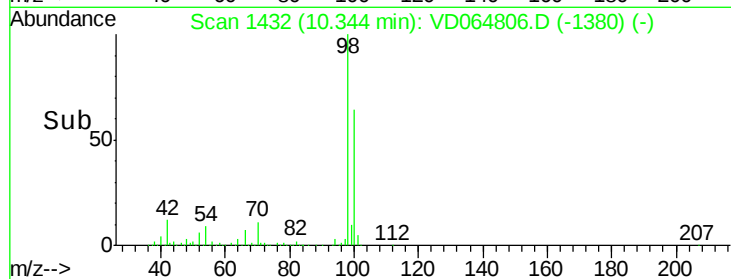
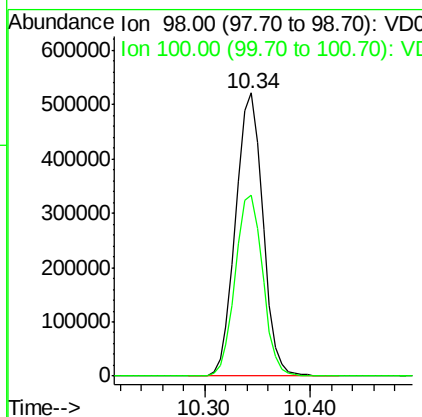
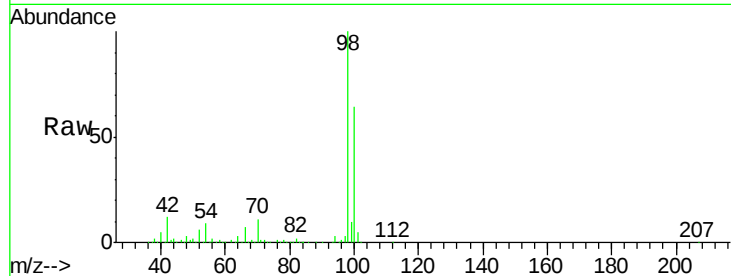




#50
Toluene-d8
Concen: 51.403 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

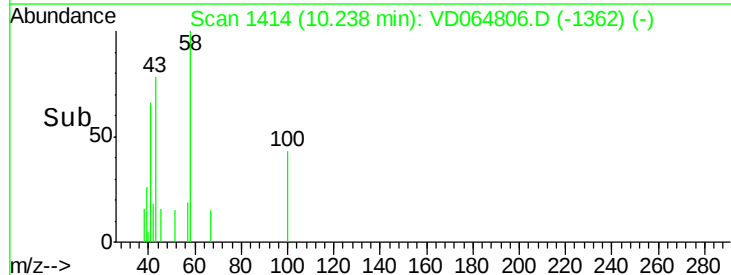
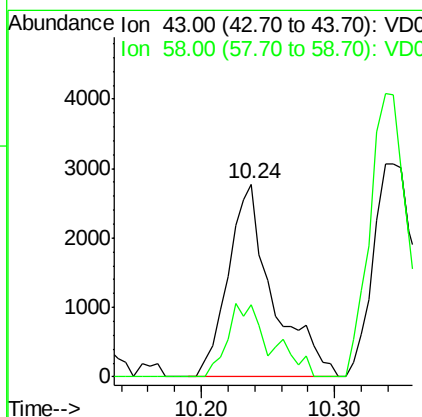
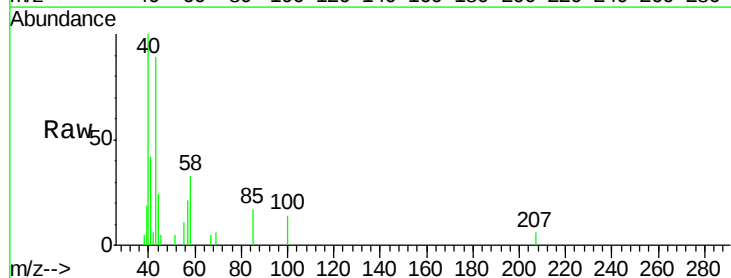
Instrument :
MSVOA_D
ClientSampleId :
4OZ JAR

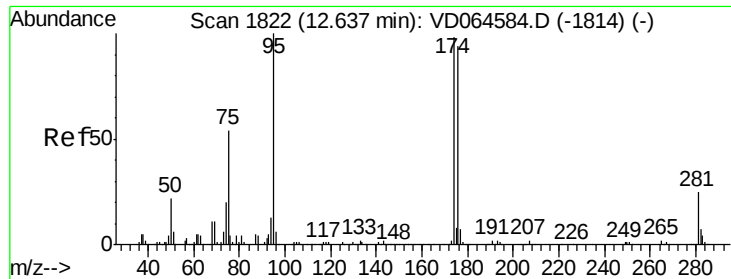
Tgt Ion: 98 Resp: 930577
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 2.261 ug/l
RT: 10.24 min Scan# 1414
Delta R.T. 0.01 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

Tgt Ion: 43 Resp: 6479
Ion Ratio Lower Upper
43 100
58 37.0 30.2 45.2

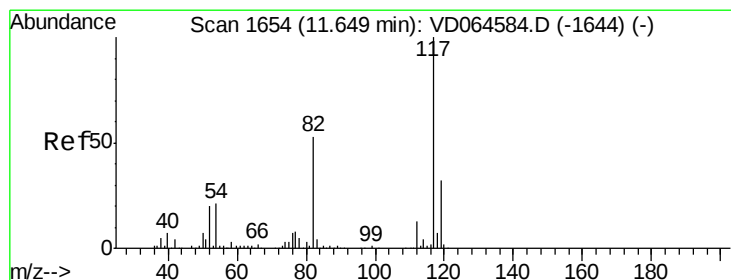
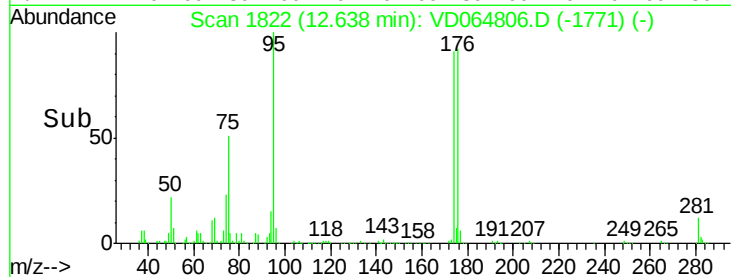
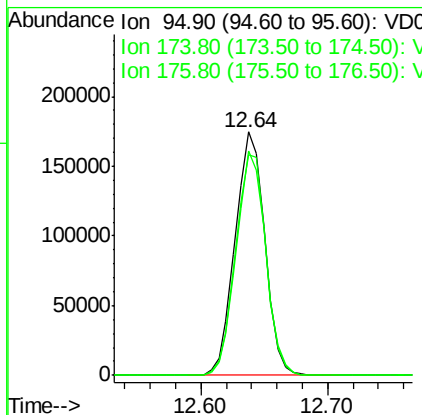
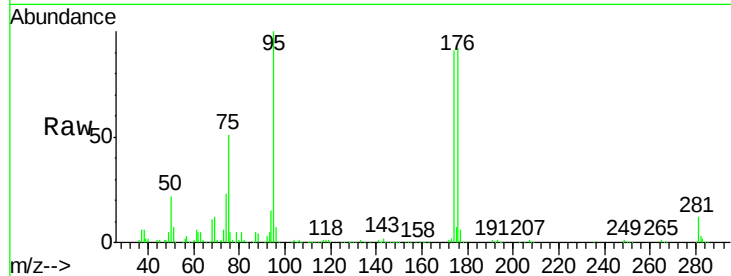




#62
4-Bromofluorobenzene
Concen: 49.419 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

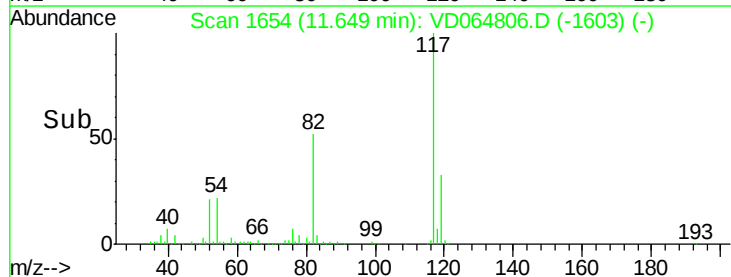
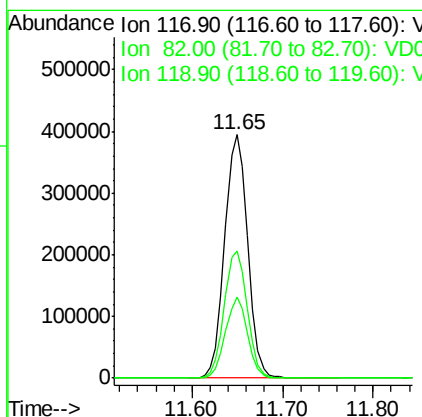
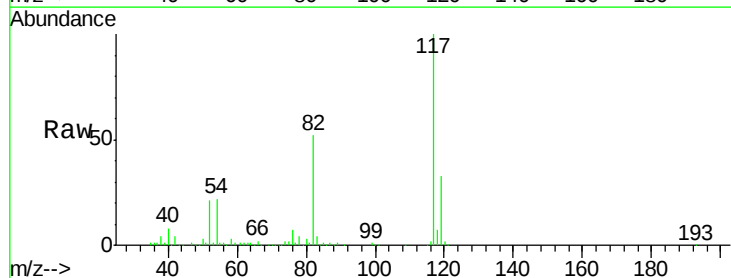
Instrument :
MSVOA_D
ClientSampleId :
4OZ JAR

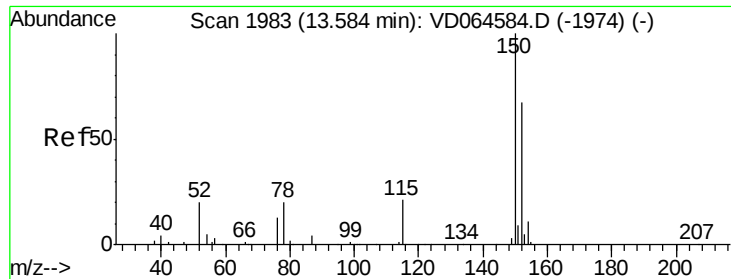
Tgt Ion: 95 Resp: 282899
Ion Ratio Lower Upper
95 100
174 93.4 0.0 193.2
176 91.1 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064806.D
Acq: 08 Jan 2020 15:08

Tgt Ion: 117 Resp: 693912
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.4
119 33.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064806.D

Acq: 08 Jan 2020 15:08

Instrument :

MSVOA_D

ClientSampleId :

4OZ JAR

Tgt Ion:152 Resp: 317843

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.4

150 158.6 0.0 351.4

