

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064731.D
 Acq On : 03 Jan 2020 13:41
 Operator : VA/SY
 Sample : VIAL CHECK2
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK2

Quant Time: Jan 03 16:24:47 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

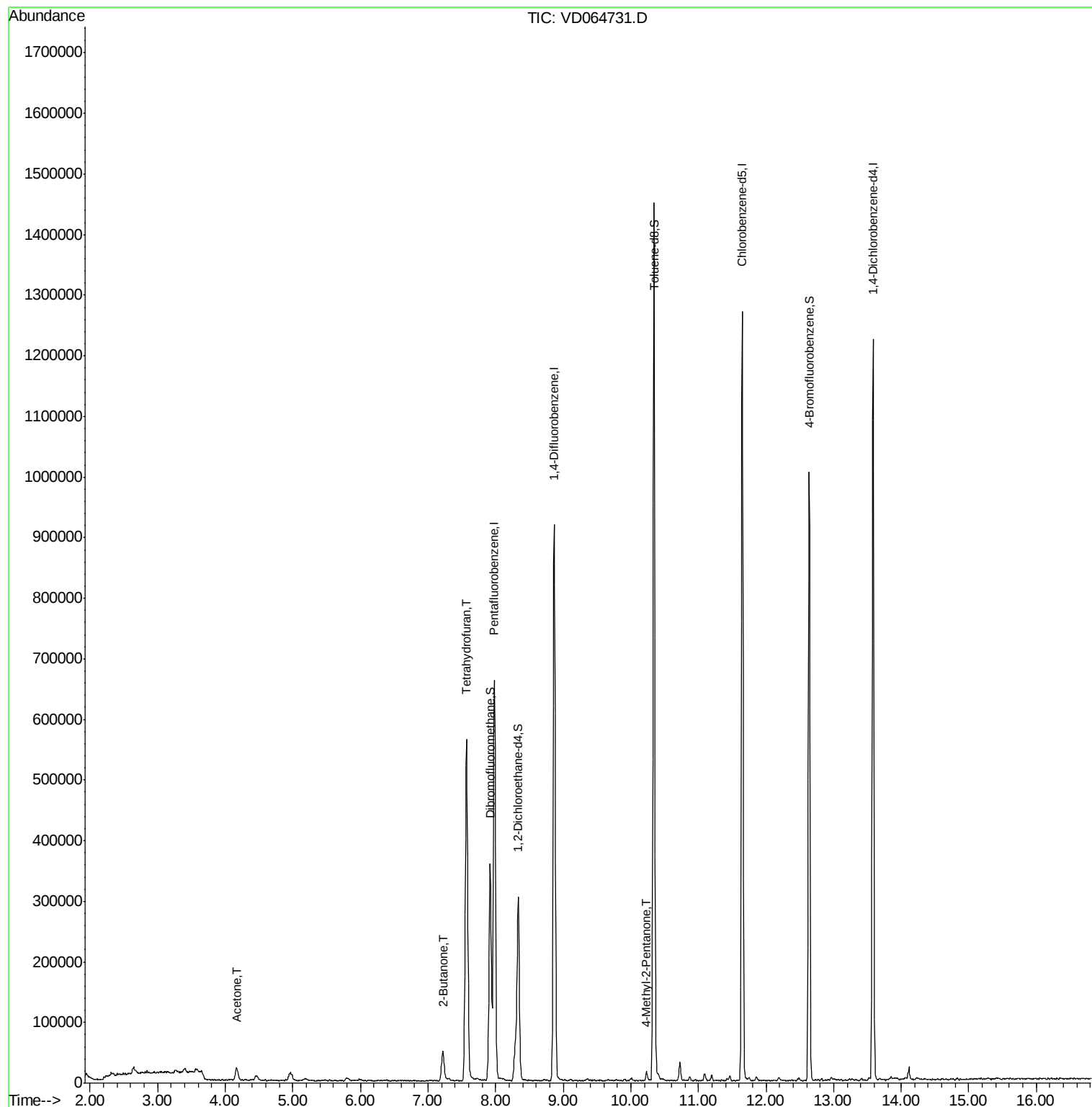
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	519669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	791665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	704257	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	323065	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	243068	53.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.08%	
35) Dibromofluoromethane	7.92	113	243189	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.34	98	947188	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.64	95	283255	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
16) Acetone	4.16	43	38535	39.787	ug/l	89
25) 2-Butanone	7.23	43	32640	25.913	ug/l	93
29) Tetrahydrofuran	7.57	42	440006	561.729	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	9146	3.106	ug/l	93

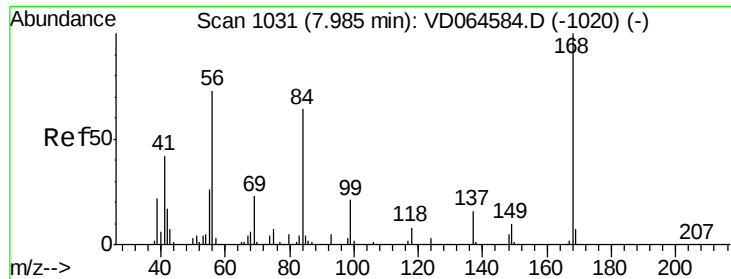
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064731.D

Acq: 03 Jan 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

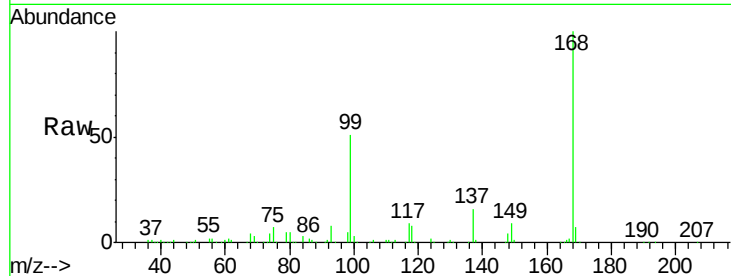
VIAL CHECK2

Tgt Ion:168 Resp: 519669

Ion Ratio Lower Upper

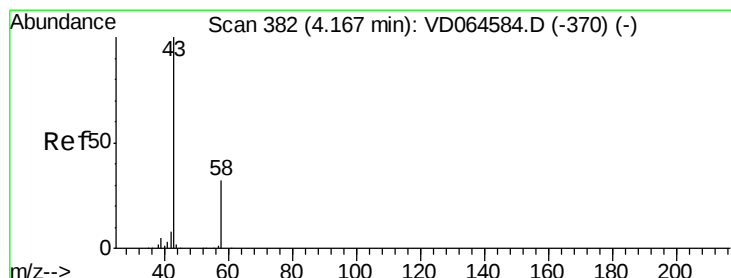
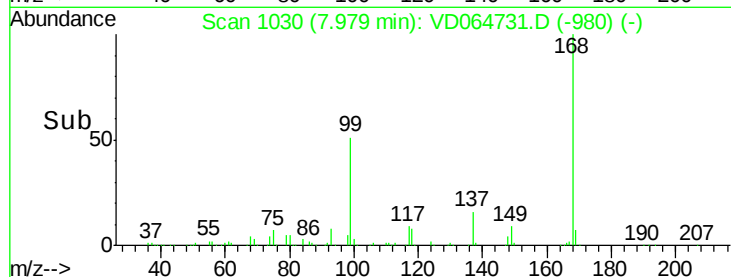
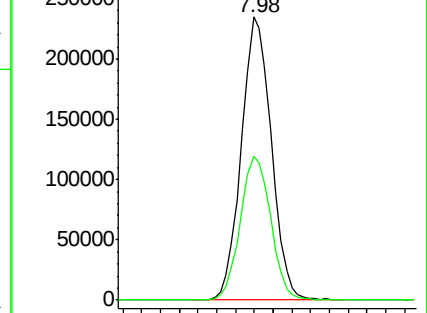
168 100

99 50.5 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: 39.787 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064731.D

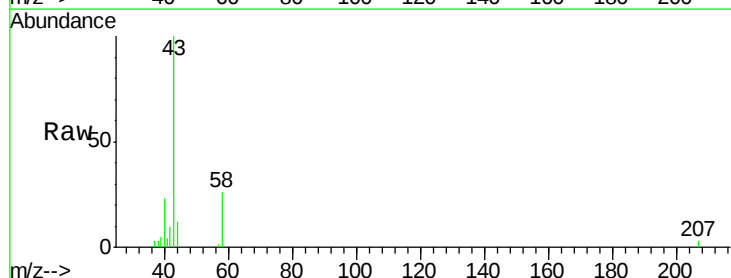
Acq: 03 Jan 2020 13:41

Tgt Ion: 43 Resp: 38535

Ion Ratio Lower Upper

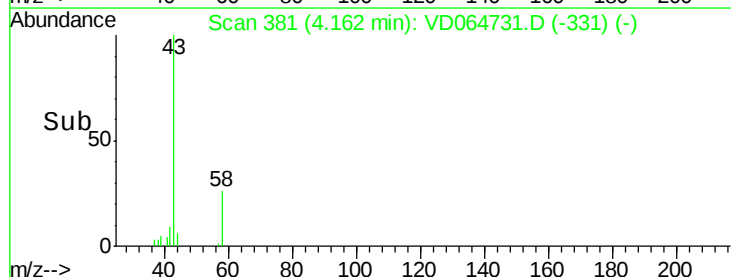
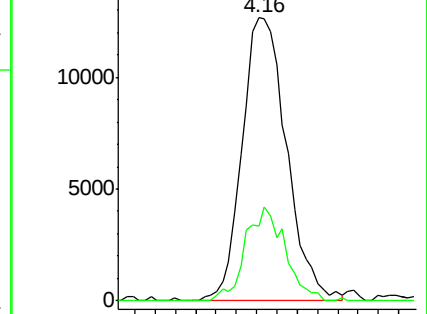
43 100

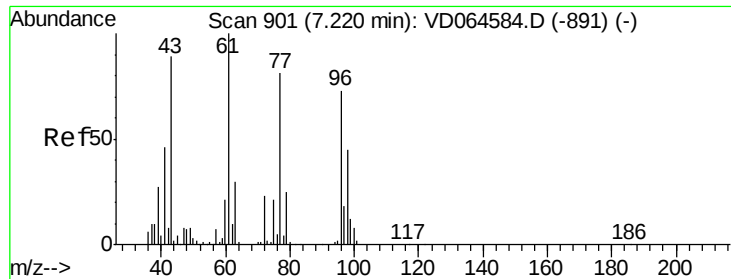
58 26.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 25.913 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064731.D

Acq: 03 Jan 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

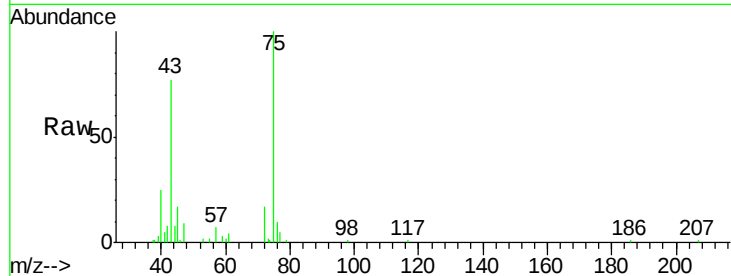
VIAL CHECK2

Tgt Ion: 43 Resp: 32640

Ion Ratio Lower Upper

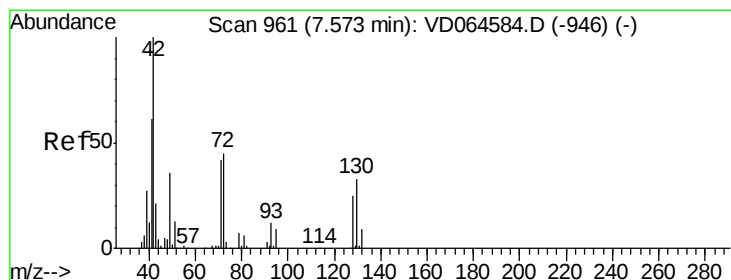
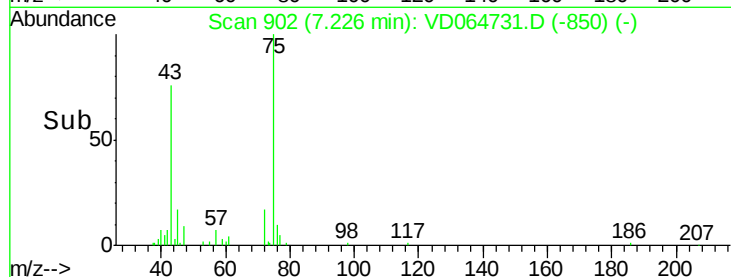
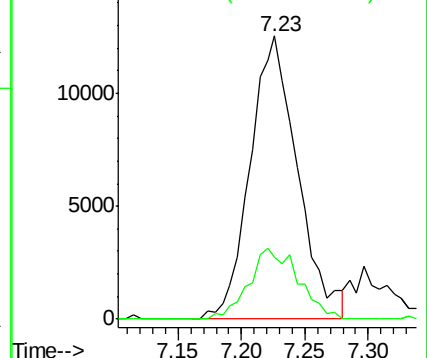
43 100

72 22.1 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: 561.729 ug/l

RT: 7.57 min Scan# 961

Delta R.T. 0.00 min

Lab File: VD064731.D

Acq: 03 Jan 2020 13:41

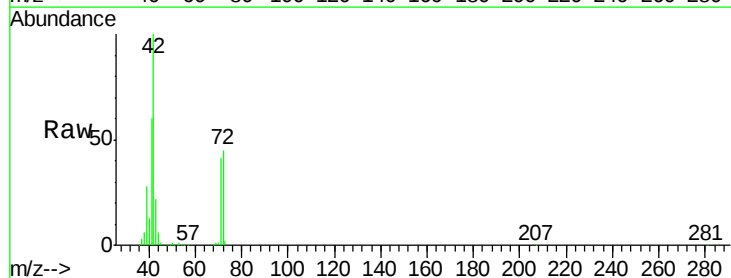
Tgt Ion: 42 Resp: 440006

Ion Ratio Lower Upper

42 100

72 44.2 35.0 52.4

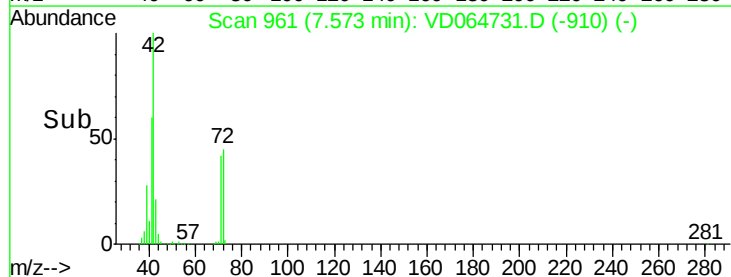
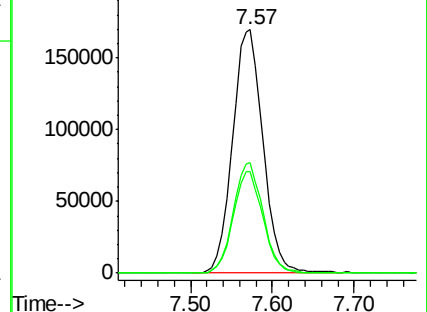
71 40.7 32.9 49.3

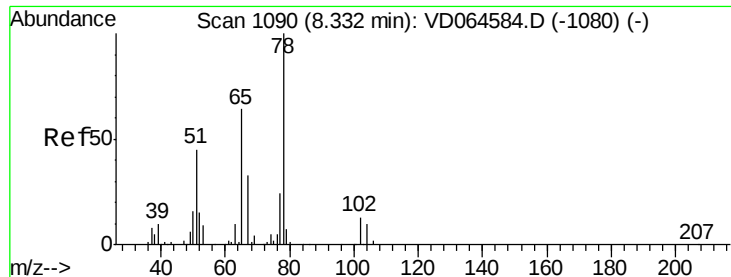


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

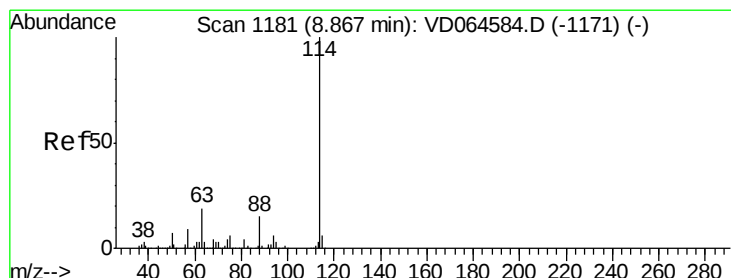
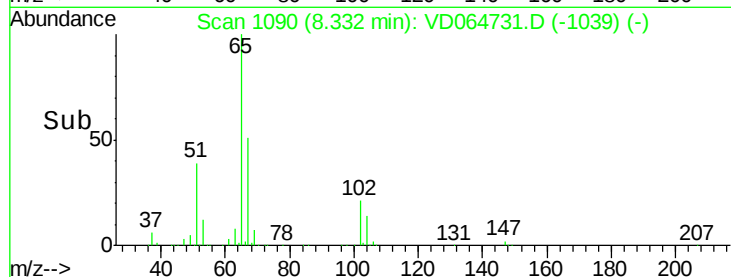
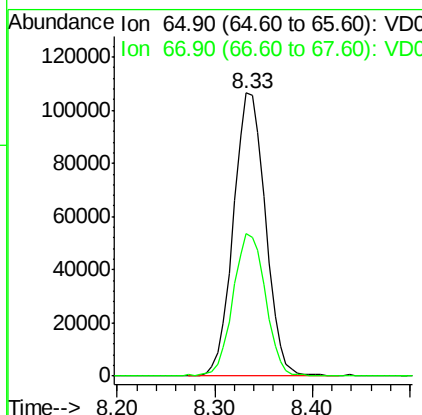
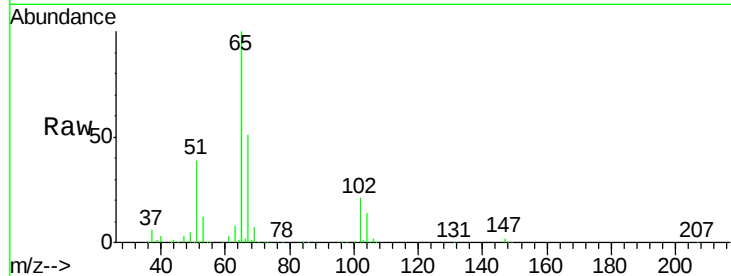




#33
 1,2-Dichloroethane-d4
 Concen: 53.044 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064731.D
 Acq: 03 Jan 2020 13:41

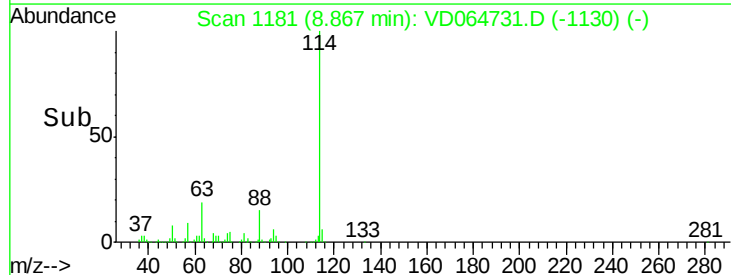
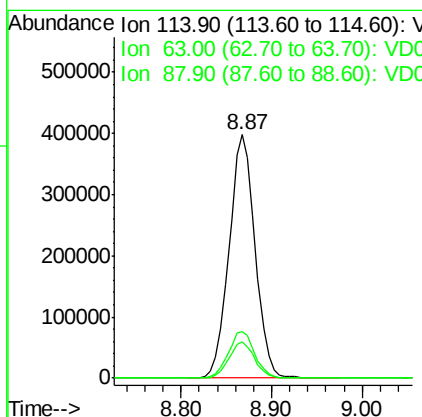
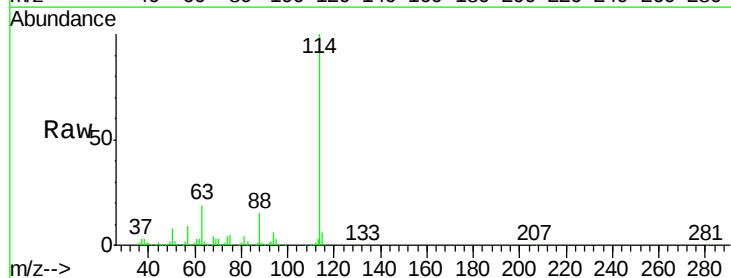
Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK2

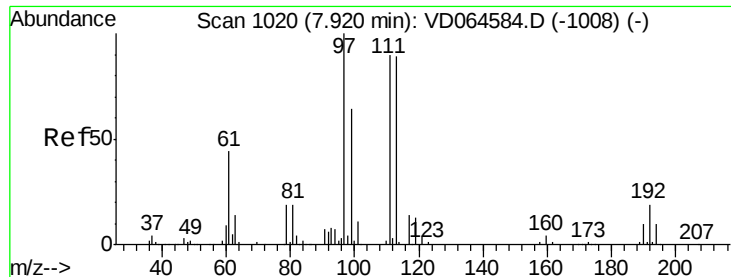
Tgt Ion: 65 Resp: 243068
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064731.D
 Acq: 03 Jan 2020 13:41

Tgt Ion: 114 Resp: 791665
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 14.7 0.0 29.2

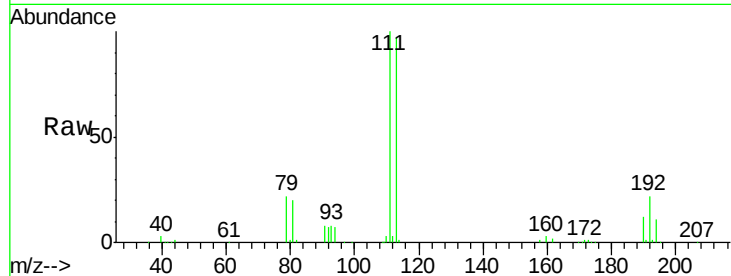




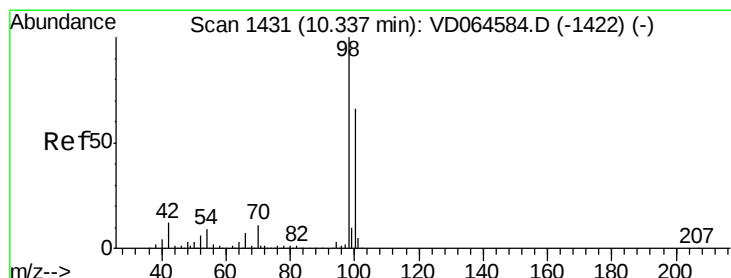
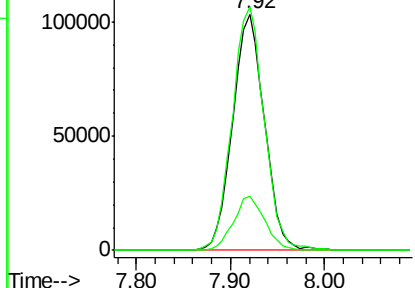
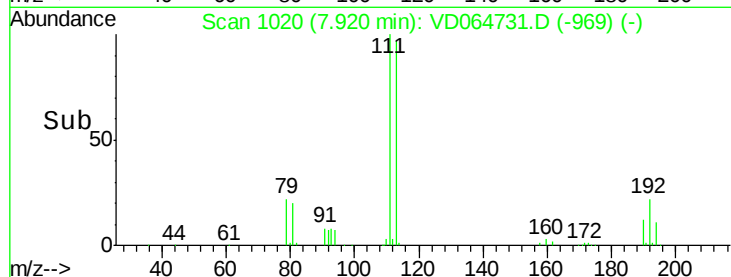
#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064731.D
Acq: 03 Jan 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK2

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.6	121.0
192	22.5	17.9	26.9

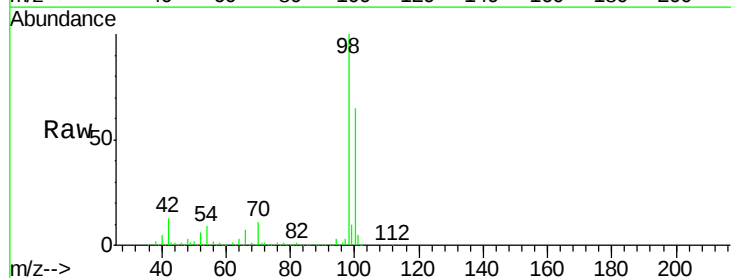


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

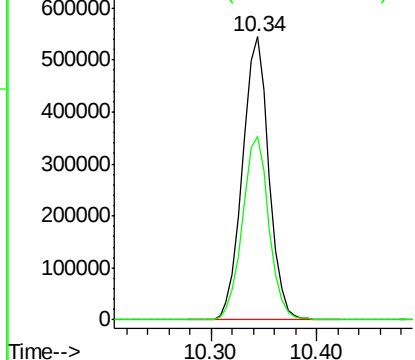
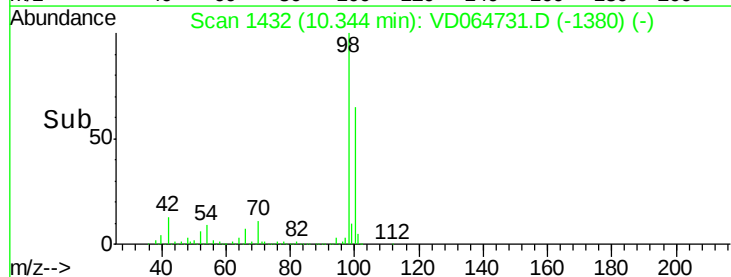


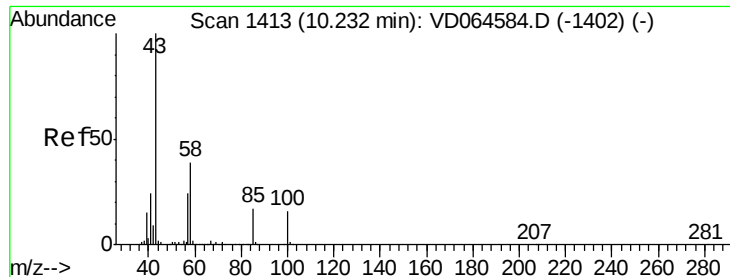
#50
Toluene-d8
Concen: 50.919 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064731.D
Acq: 03 Jan 2020 13:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5



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





#51

4-Methyl-2-Pentanone

Concen: 3.106 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064731.D

Acq: 03 Jan 2020 13:41

Instrument :

MSVOA_D

ClientSampleId :

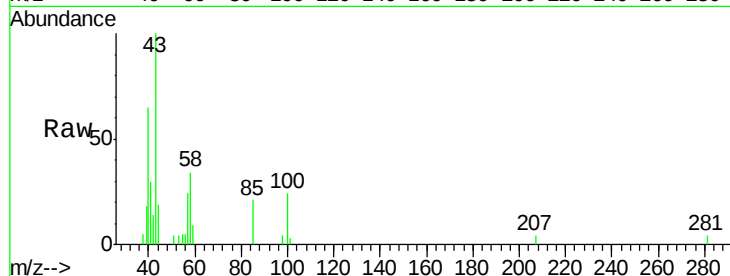
VIAL CHECK2

Tgt Ion: 43 Resp: 9146

Ion Ratio Lower Upper

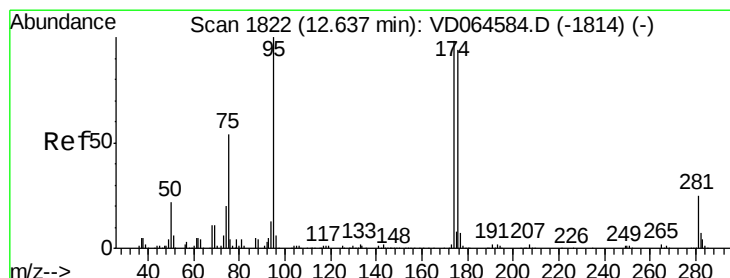
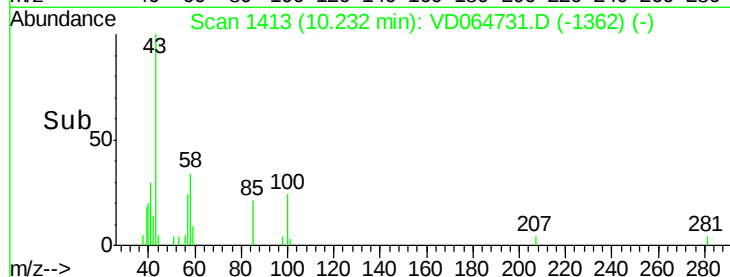
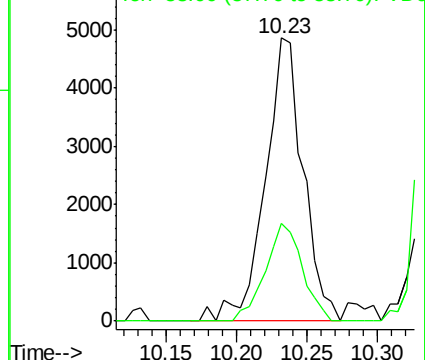
43 100

58 33.8 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.156 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064731.D

Acq: 03 Jan 2020 13:41

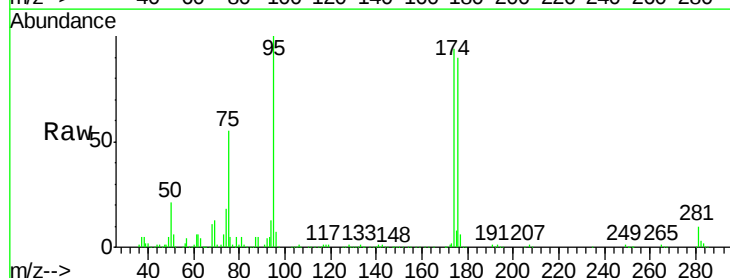
Tgt Ion: 95 Resp: 283255

Ion Ratio Lower Upper

95 100

174 95.9 0.0 193.2

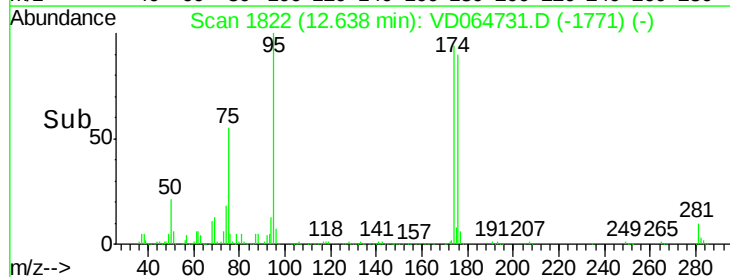
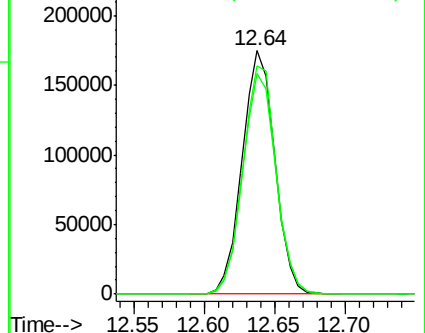
176 92.4 0.0 184.2

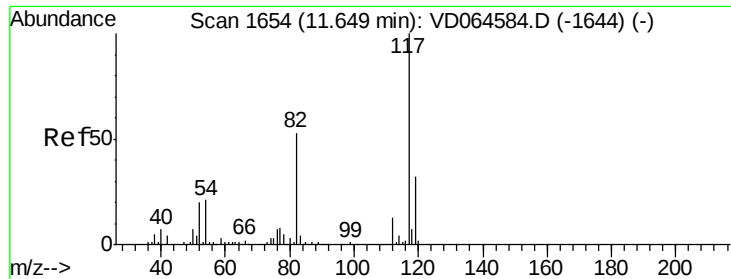


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

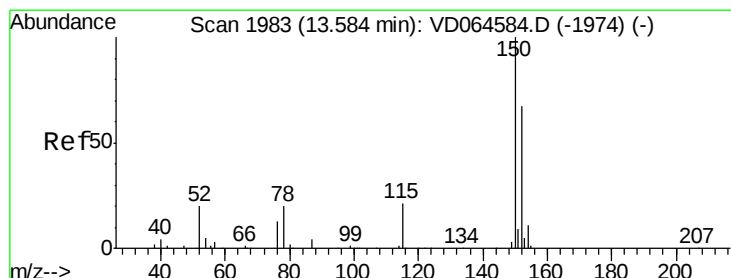
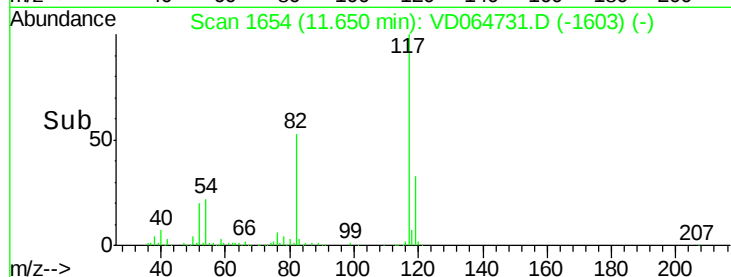
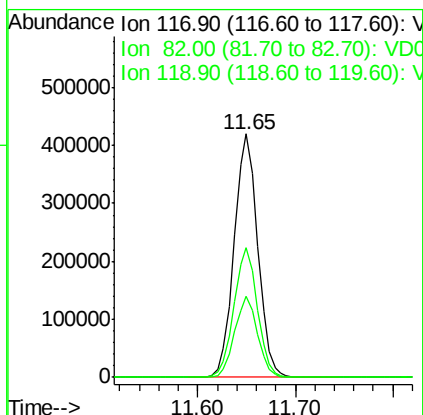
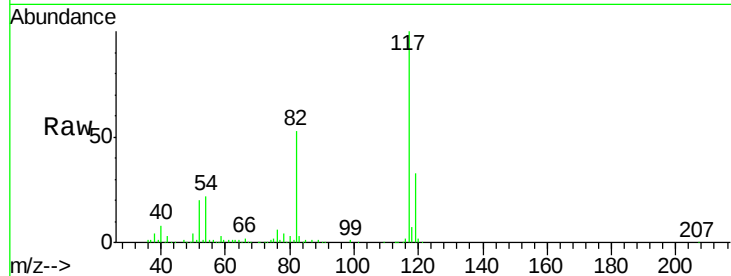




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064731.D
Acq: 03 Jan 2020 13:41

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK2

Tgt Ion:117 Resp: 704257
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.4
119 33.1 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: VD064731.D
Acq: 03 Jan 2020 13:41

Tgt Ion:152 Resp: 323065
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 155.8 0.0 351.4

