

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064732.D
 Acq On : 03 Jan 2020 14:10
 Operator : VA/SY
 Sample : VIAL CHECK3
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK3

Quant Time: Jan 03 16:25:43 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

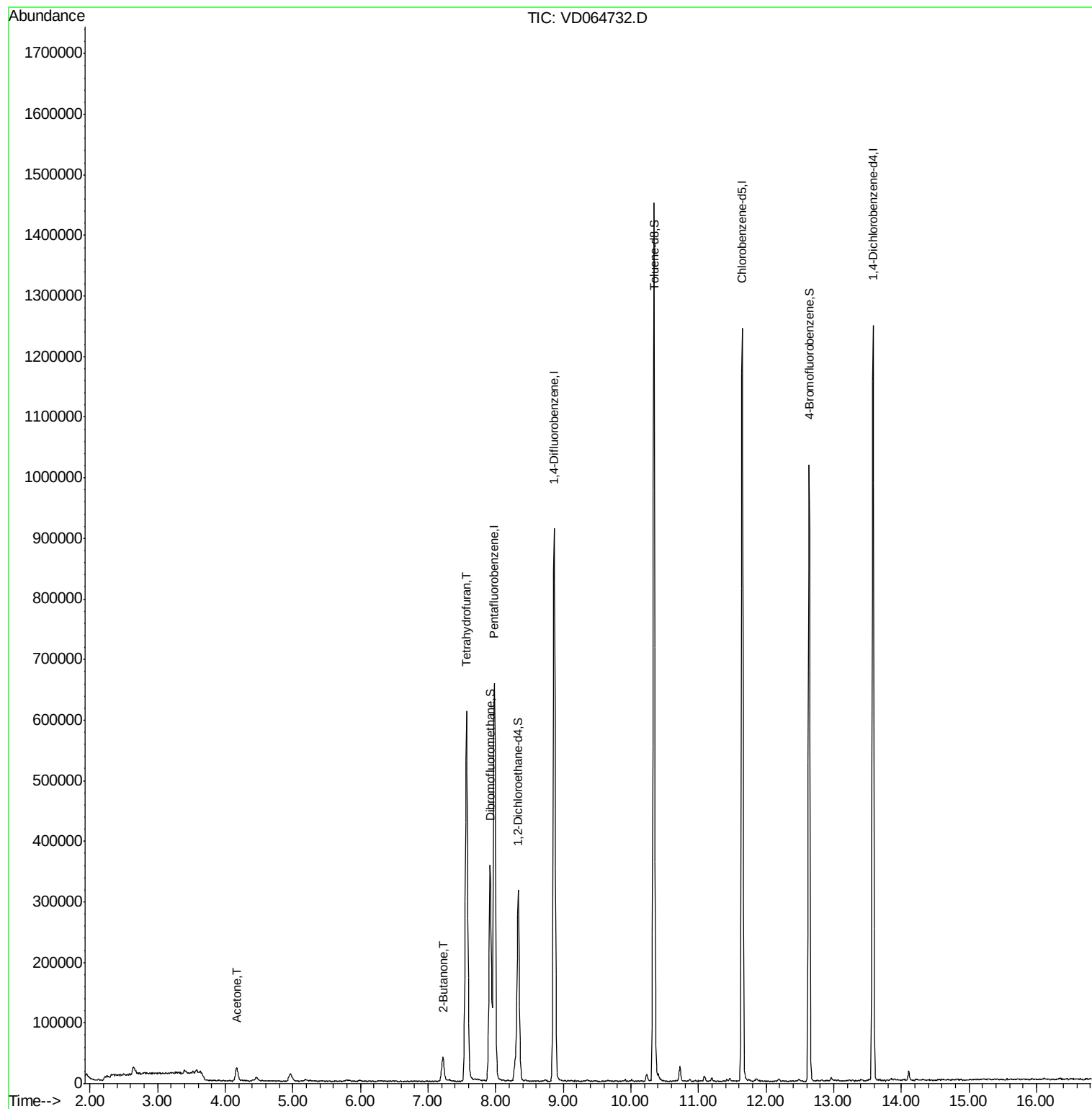
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	795662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	703367	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	329885	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	249109	54.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.28%	
35) Dibromofluoromethane	7.92	113	247561	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.34	98	951550	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.64	95	294148	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
Target Compounds						
16) Acetone	4.17	43	39414	40.459	ug/l	98
25) 2-Butanone	7.23	43	34177	27.021	ug/l	93
29) Tetrahydrofuran	7.57	42	467920	594.888	ug/l	99

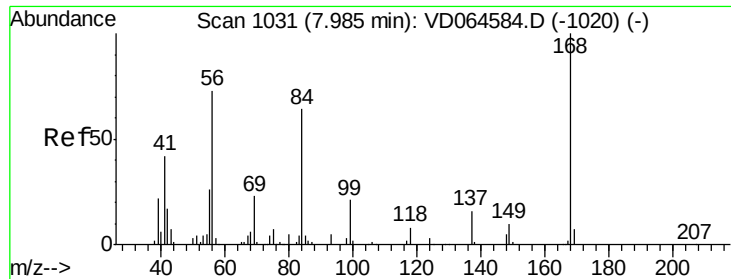
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064732.D

Acq: 03 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

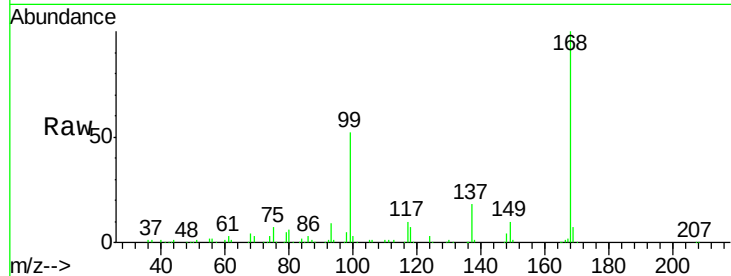
VIAL CHECK3

Tgt Ion:168 Resp: 521833

Ion Ratio Lower Upper

168 100

99 52.3 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

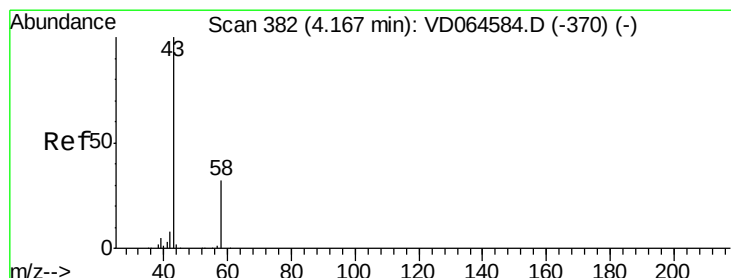
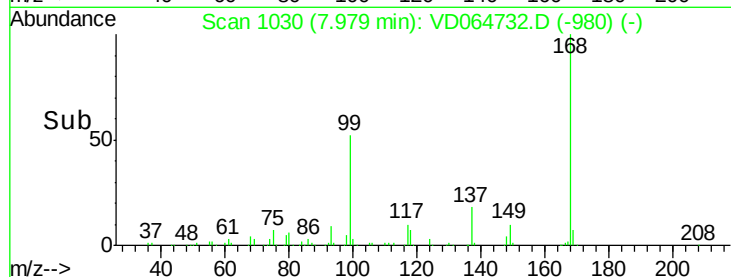
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 40.459 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064732.D

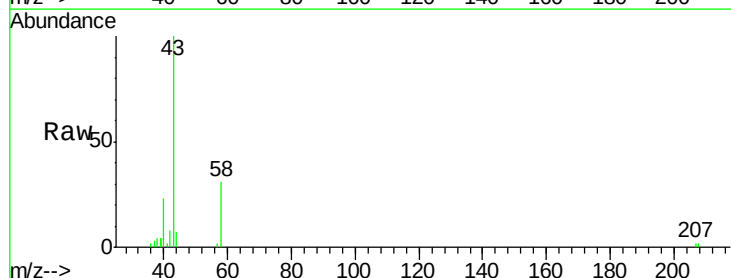
Acq: 03 Jan 2020 14:10

Tgt Ion: 43 Resp: 39414

Ion Ratio Lower Upper

43 100

58 30.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

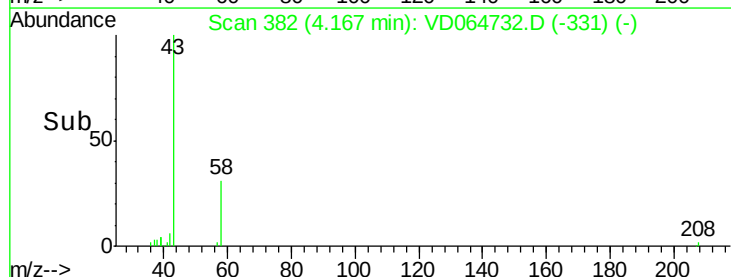
15000

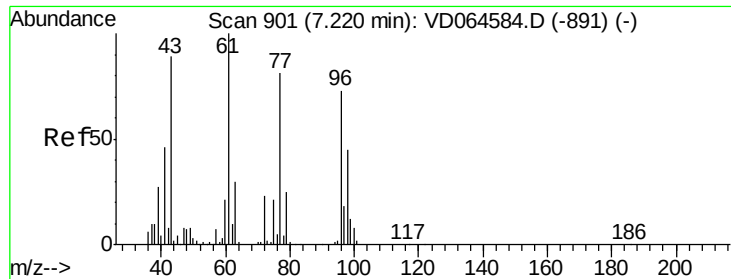
10000

5000

0

Time-->





#25

2-Butanone

Concen: 27.021 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064732.D

Acq: 03 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

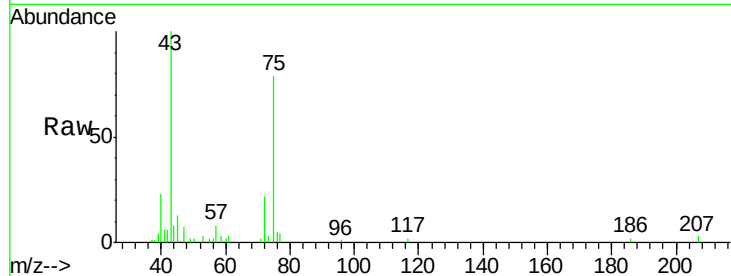
VIAL CHECK3

Tgt Ion: 43 Resp: 34177

Ion Ratio Lower Upper

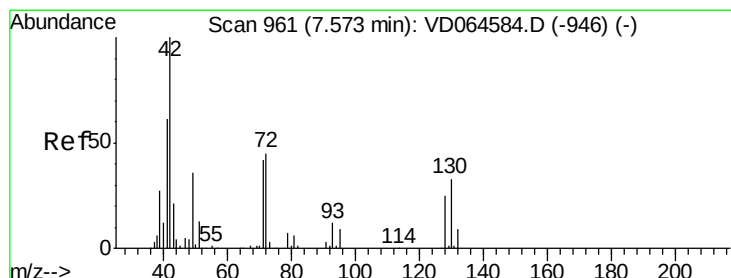
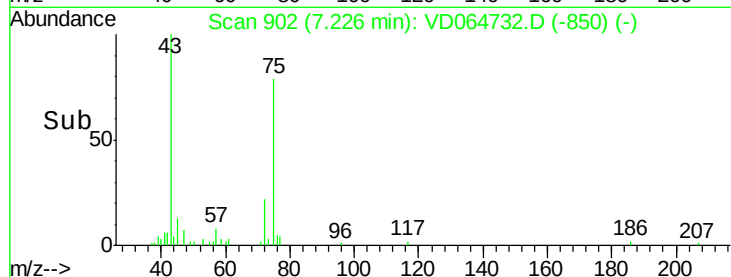
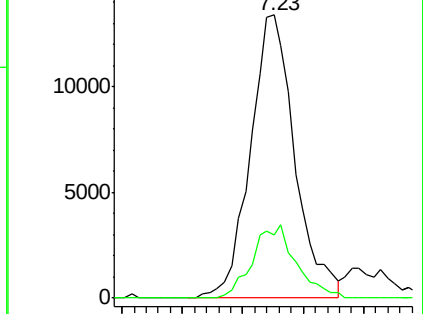
43 100

72 22.2 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: 594.888 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064732.D

Acq: 03 Jan 2020 14:10

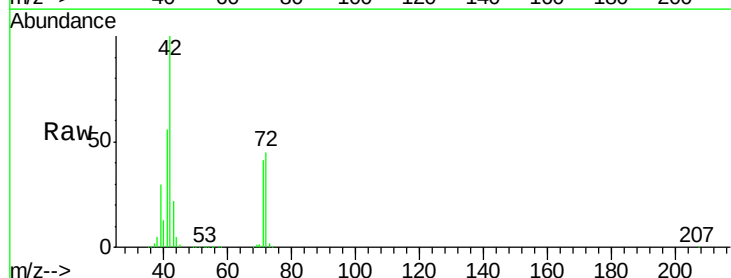
Tgt Ion: 42 Resp: 467920

Ion Ratio Lower Upper

42 100

72 44.7 35.0 52.4

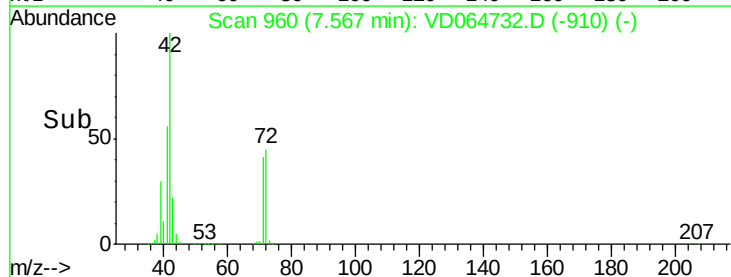
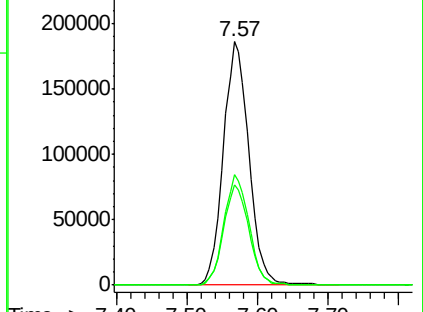
71 41.1 32.9 49.3

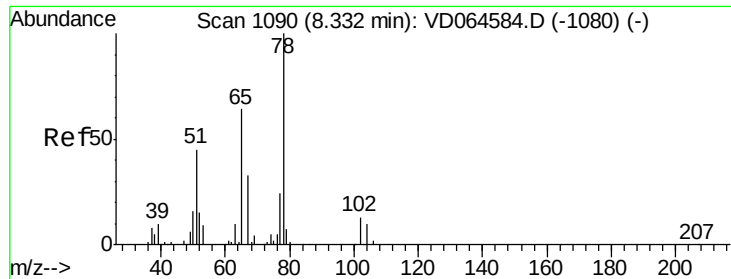


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

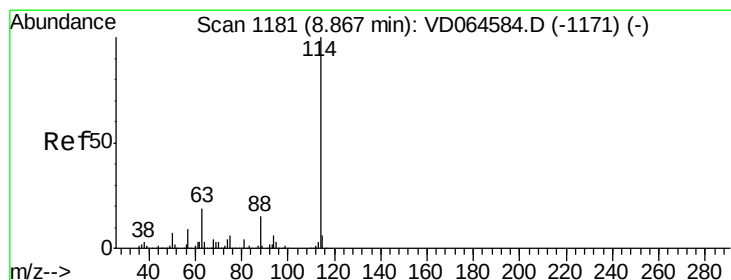
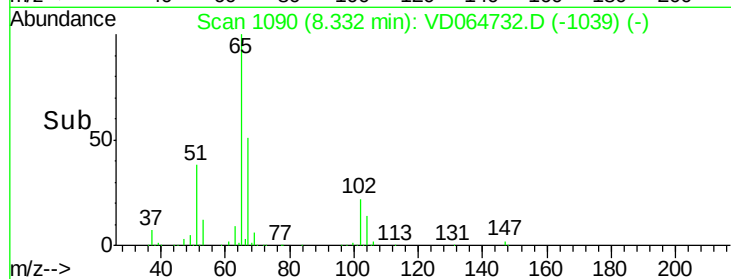
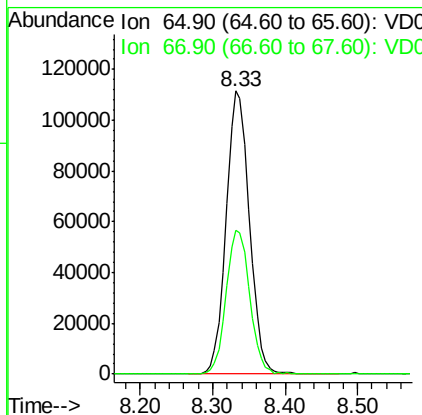
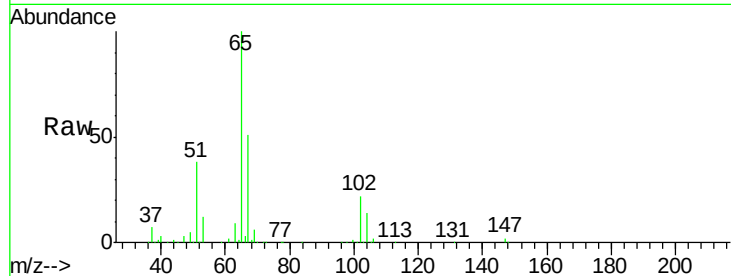




#33
 1,2-Dichloroethane-d4
 Concen: 54.137 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064732.D
 Acq: 03 Jan 2020 14:10

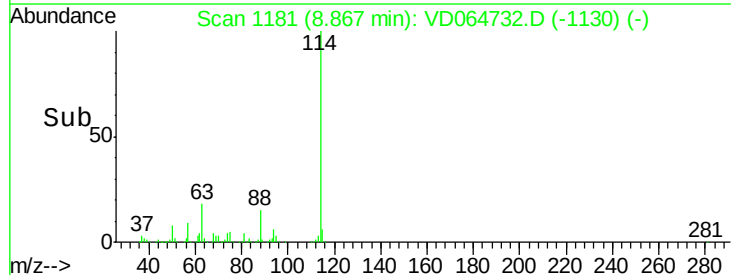
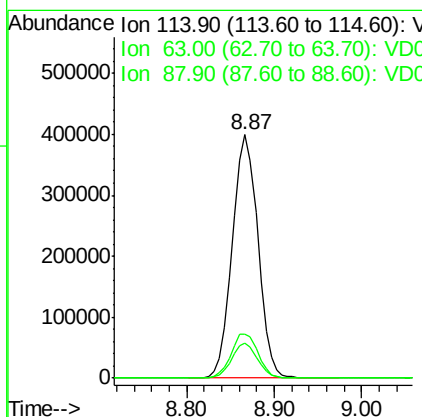
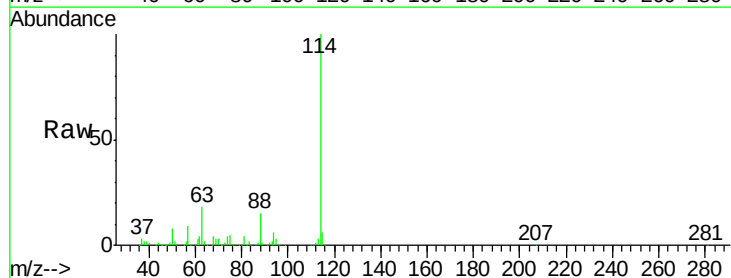
Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK3

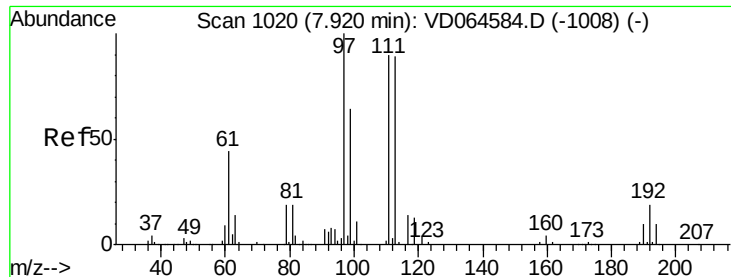
Tgt Ion: 65 Resp: 249109
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064732.D
 Acq: 03 Jan 2020 14:10

Tgt Ion: 114 Resp: 795662
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 38.0
 88 14.5 0.0 29.2

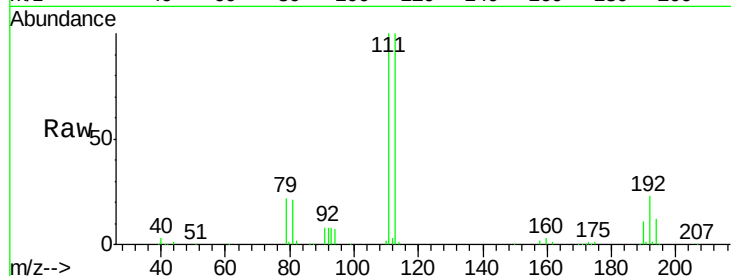




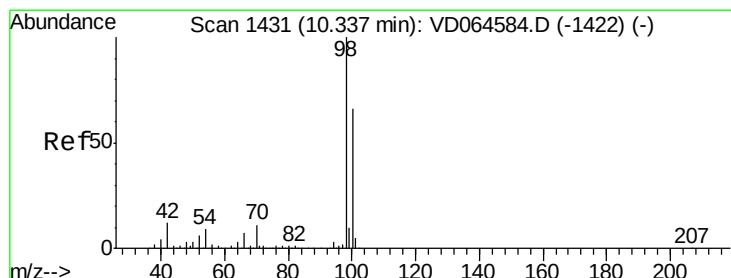
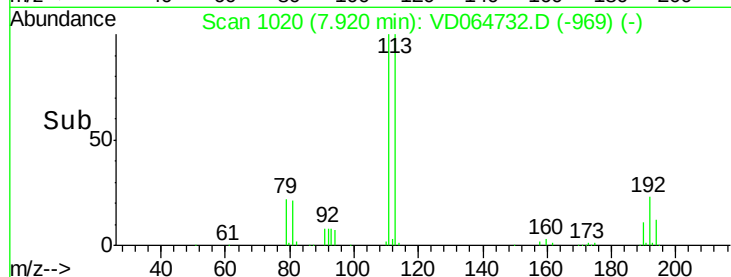
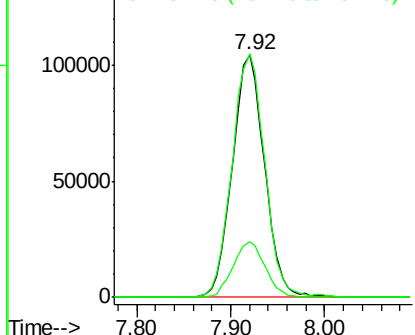
#35
 Dibromofluoromethane
 Concen: 50.714 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064732.D
 Acq: 03 Jan 2020 14:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK3

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	23.0	17.9	26.9

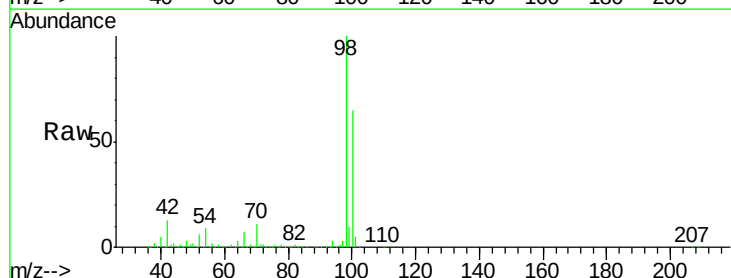


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

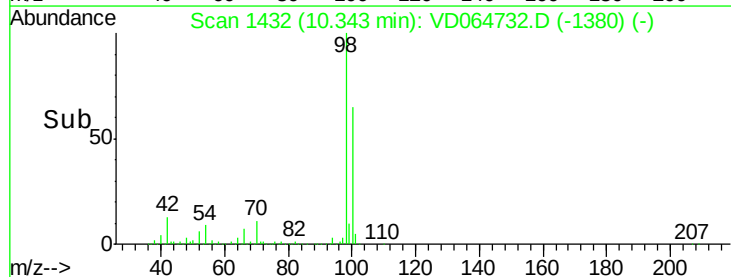
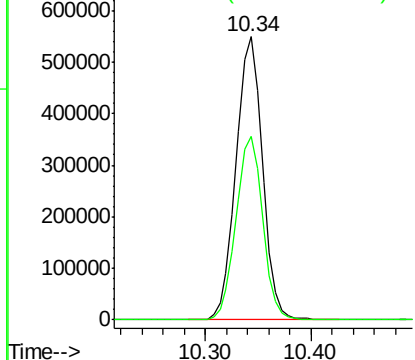


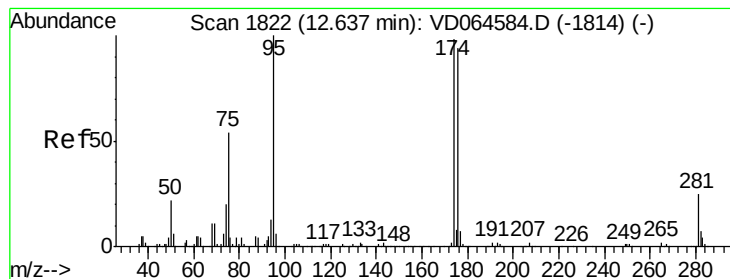
#50
 Toluene-d8
 Concen: 50.897 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064732.D
 Acq: 03 Jan 2020 14:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.7	77.5



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





#62

4-Bromofluorobenzene

Concen: 49.756 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064732.D

Acq: 03 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

VIAL CHECK3

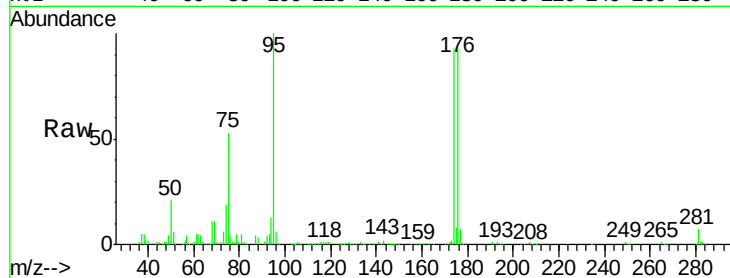
Tgt Ion: 95 Resp: 294148

Ion Ratio Lower Upper

95 100

174 93.0 0.0 193.2

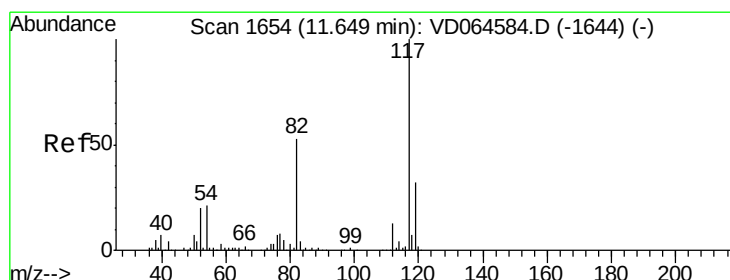
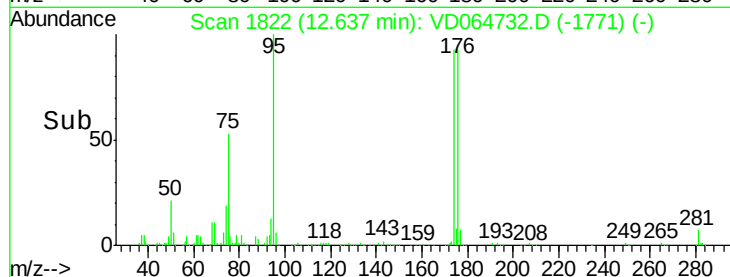
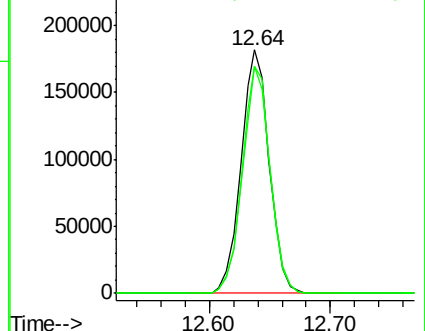
176 91.3 0.0 184.2



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: VD064732.D

Acq: 03 Jan 2020 14:10

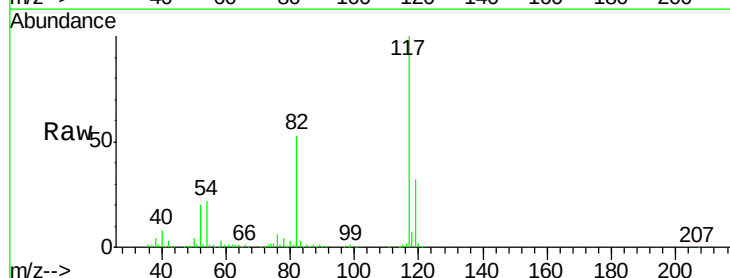
Tgt Ion: 117 Resp: 703367

Ion Ratio Lower Upper

117 100

82 53.0 42.2 63.4

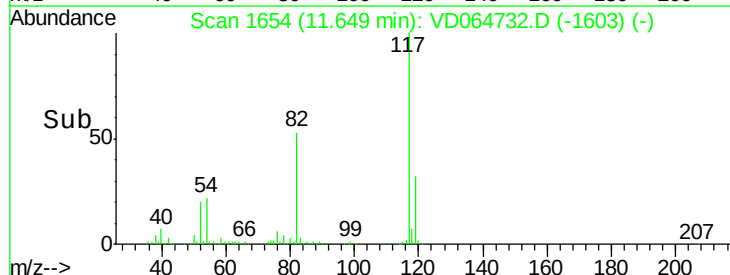
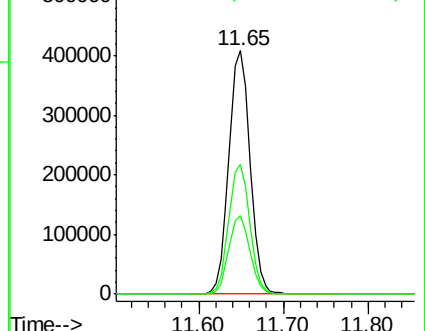
119 32.2 26.0 39.0

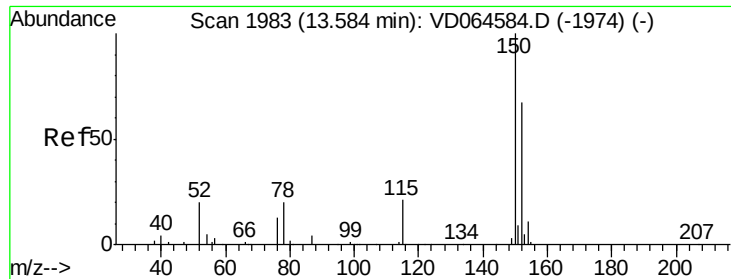


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD064732.D

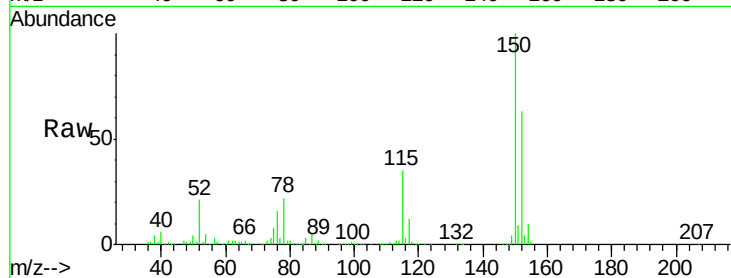
Acq: 03 Jan 2020 14:10

Instrument :

MSVOA_D

ClientSampleId :

VIAL CHECK3



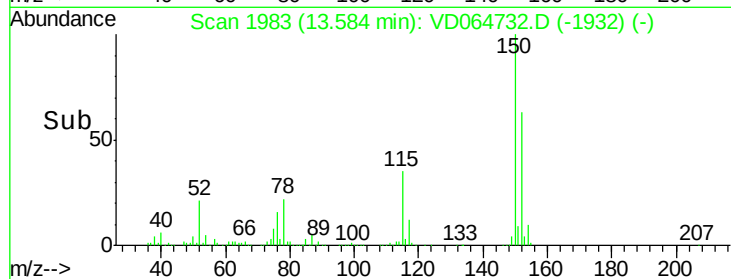
Tgt Ion:152 Resp: 329885

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

150 157.0 0.0 351.4



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

