

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064733.D
 Acq On : 03 Jan 2020 14:39
 Operator : VA/SY
 Sample : VIAL CHECK4
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK4

Quant Time: Jan 03 16:24:15 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

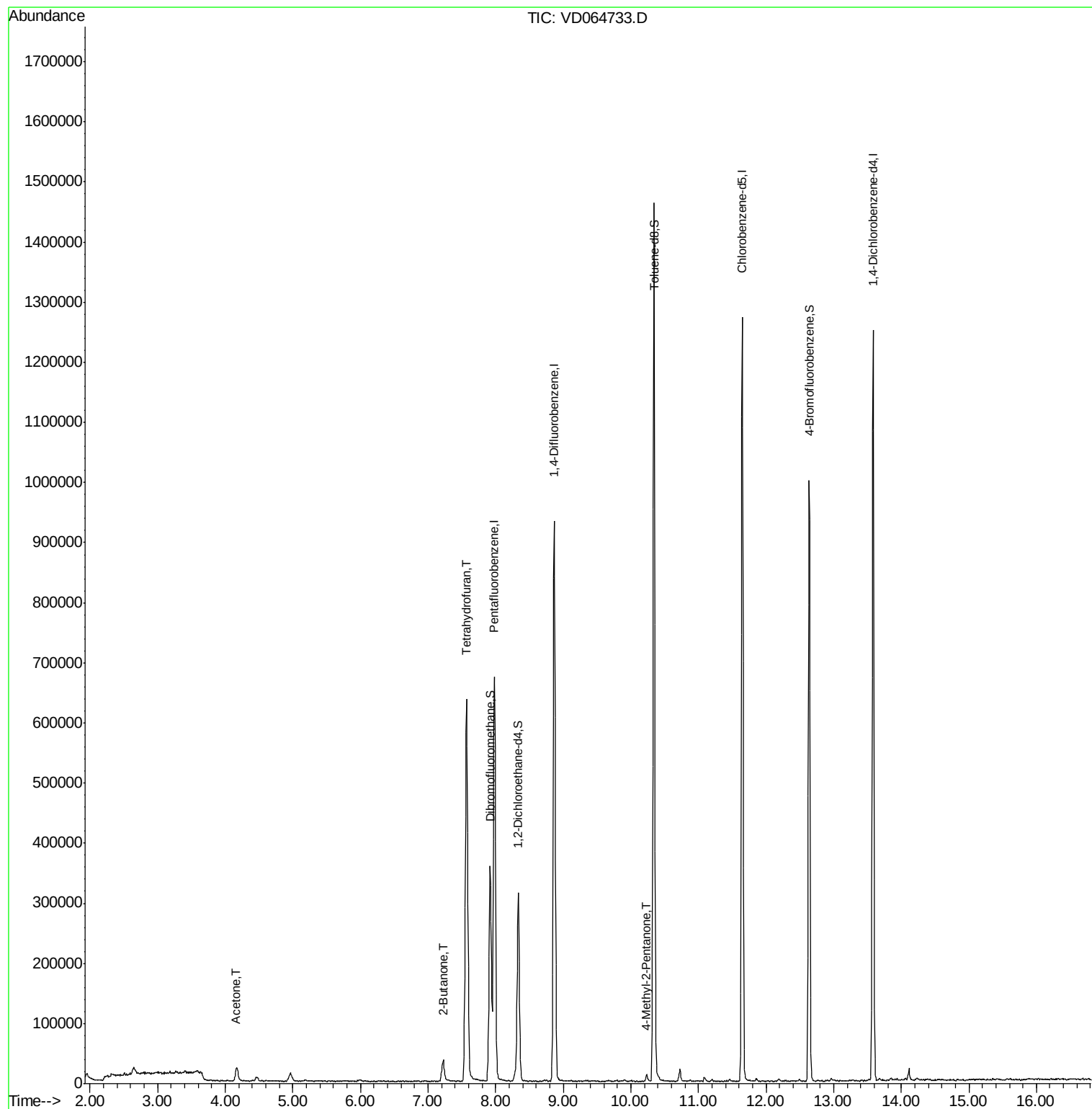
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	528702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	784789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	699579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	332362	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	248724	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.92	113	249359	51.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.58%	
50) Toluene-d8	10.34	98	951110	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	293098	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
Target Compounds						
16) Acetone	4.16	43	40954	41.402	ug/l	99
25) 2-Butanone	7.23	43	35782	27.922	ug/l	96
29) Tetrahydrofuran	7.57	42	496057	622.466	ug/l	100
51) 4-Methyl-2-Pentanone	10.23	43	8185	2.804	ug/l	90

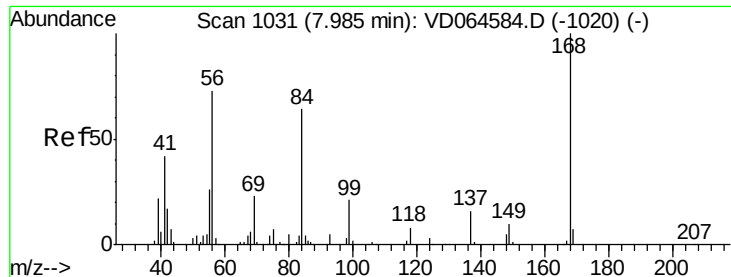
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampled :
VIAL CHECK4

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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: VD064733.D

Acq: 03 Jan 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

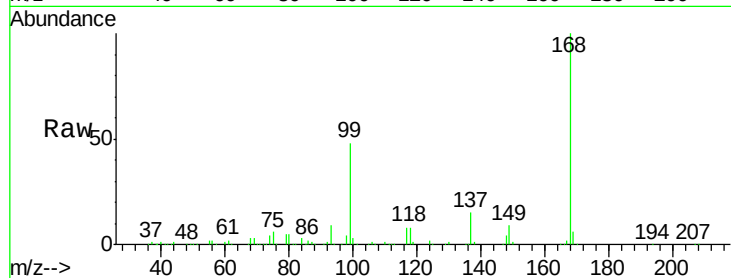
VIAL CHECK4

Tgt Ion:168 Resp: 528702

Ion Ratio Lower Upper

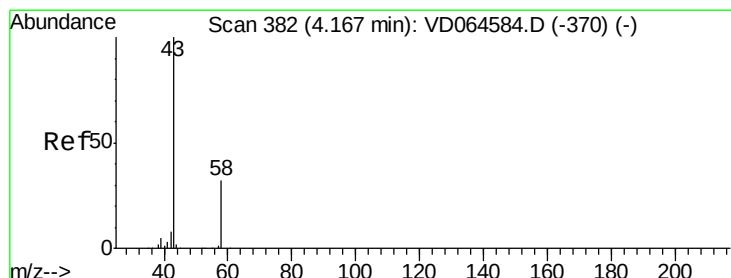
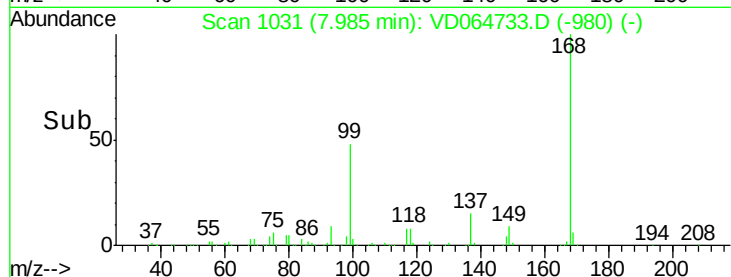
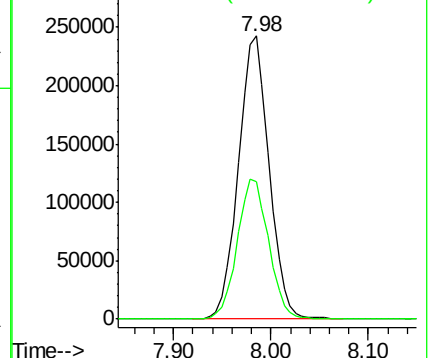
168 100

99 48.4 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: 41.402 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064733.D

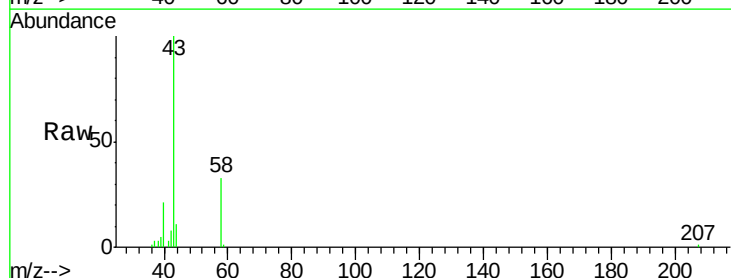
Acq: 03 Jan 2020 14:39

Tgt Ion: 43 Resp: 40954

Ion Ratio Lower Upper

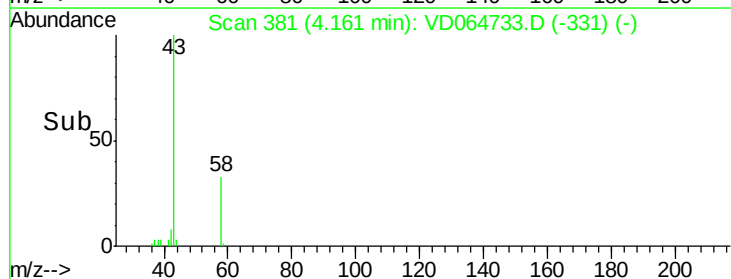
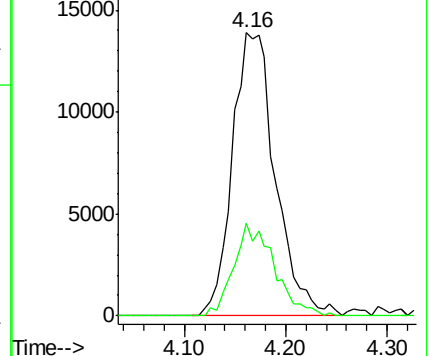
43 100

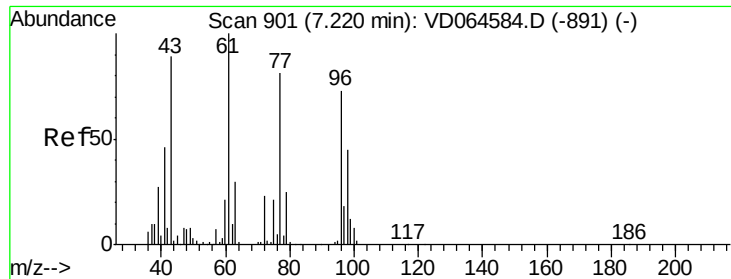
58 32.8 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 27.922 ug/l

RT: 7.23 min Scan# 903

Delta R.T. 0.01 min

Lab File: VD064733.D

Acq: 03 Jan 2020 14:39

Instrument :

MSVOA_D

ClientSampleId :

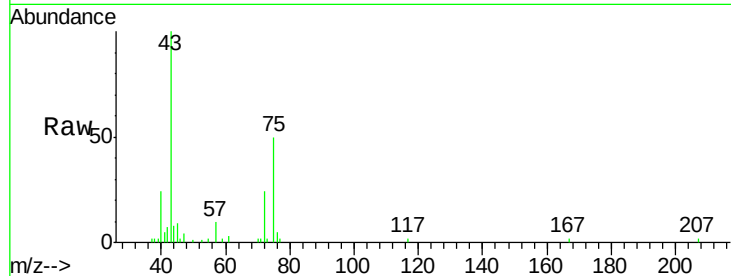
VIAL CHECK4

Tgt Ion: 43 Resp: 35782

Ion Ratio Lower Upper

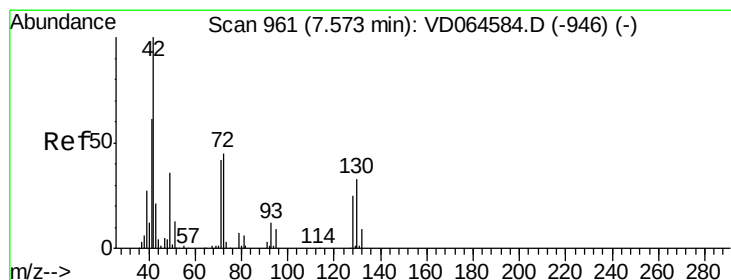
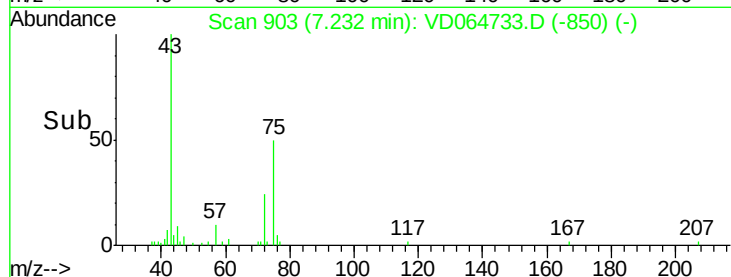
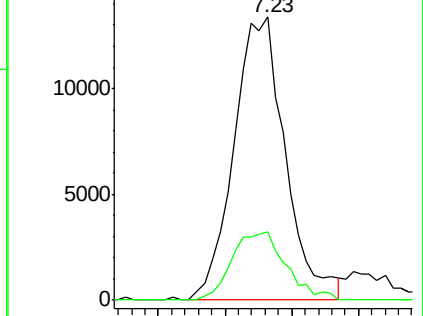
43 100

72 23.9 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: 622.466 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064733.D

Acq: 03 Jan 2020 14:39

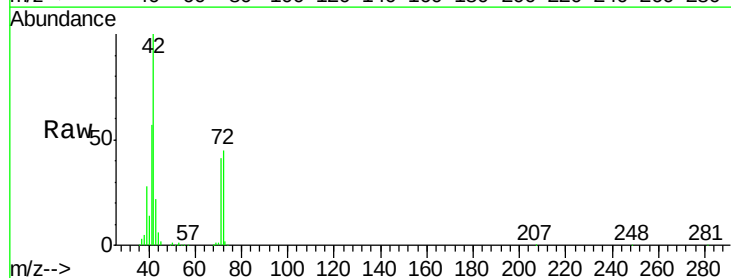
Tgt Ion: 42 Resp: 496057

Ion Ratio Lower Upper

42 100

72 43.8 35.0 52.4

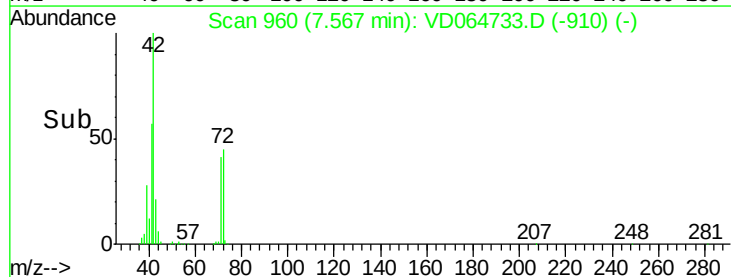
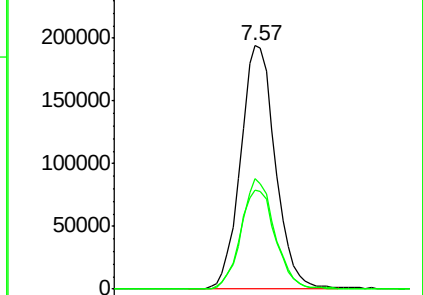
71 41.3 32.9 49.3

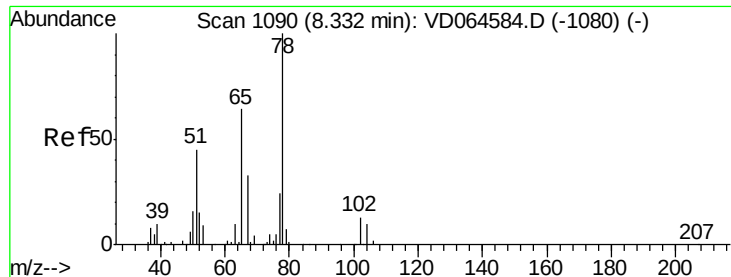


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

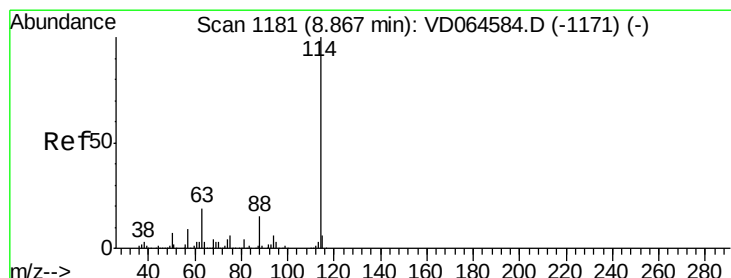
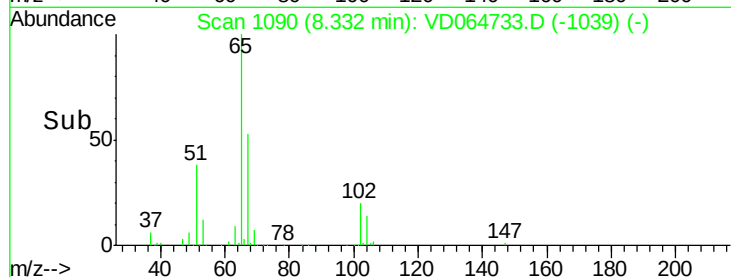
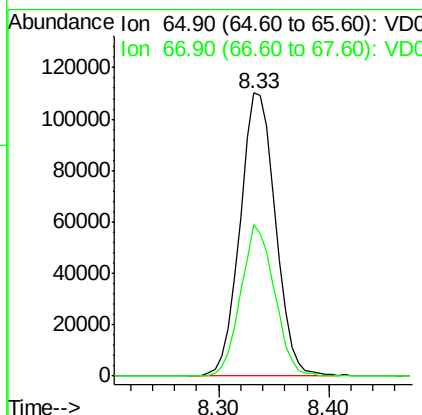
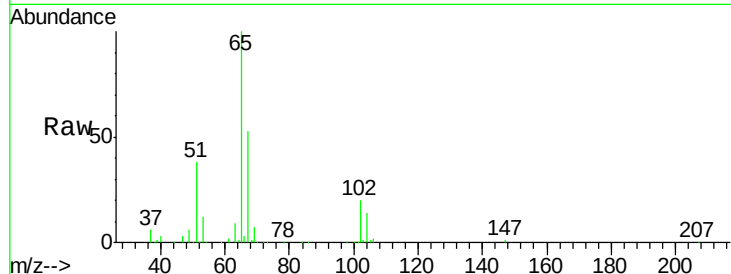




#33
 1,2-Dichloroethane-d4
 Concen: 53.351 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064733.D
 Acq: 03 Jan 2020 14:39

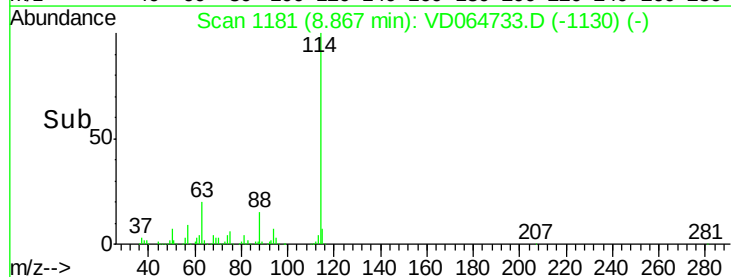
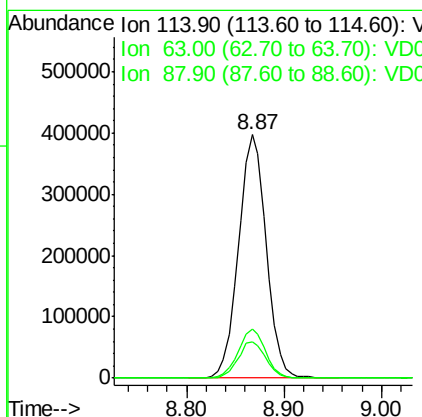
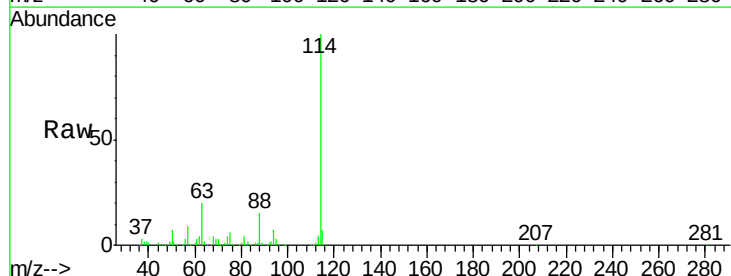
Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK4

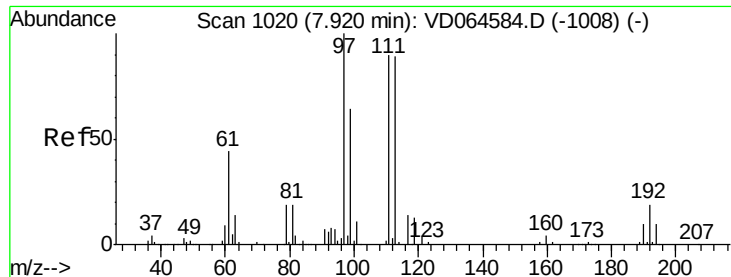
Tgt Ion: 65 Resp: 248724
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064733.D
 Acq: 03 Jan 2020 14:39

Tgt Ion: 114 Resp: 784789
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 38.0
 88 14.9 0.0 29.2

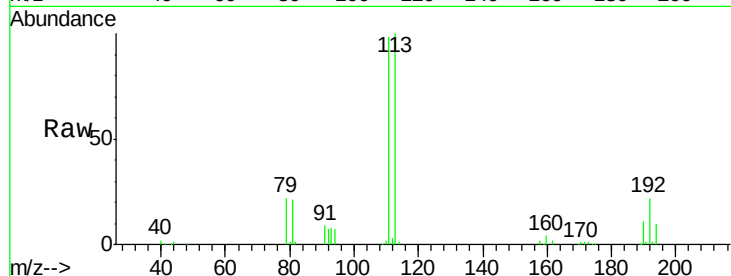




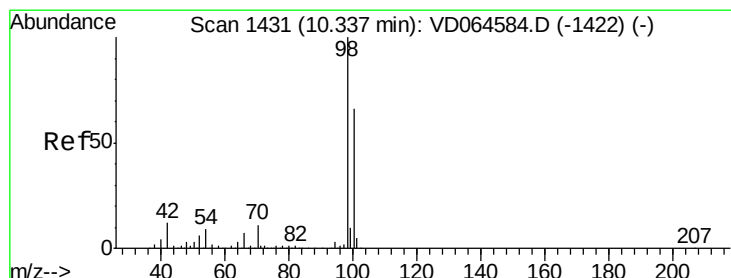
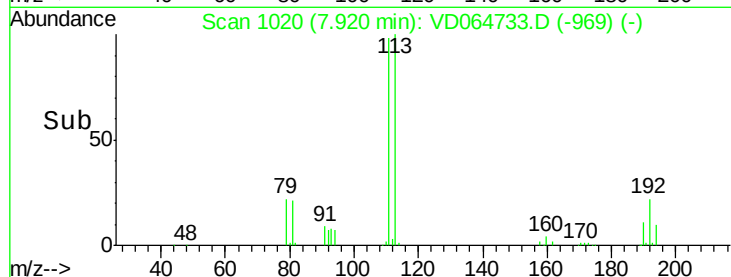
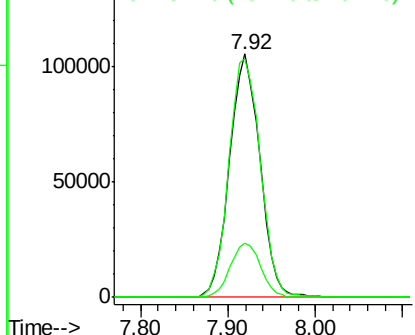
#35
Dibromofluoromethane
Concen: 51.790 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064733.D
Acq: 03 Jan 2020 14:39

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK4

Tgt Ion:113 Resp: 249359
Ion Ratio Lower Upper
113 100
111 101.6 80.6 121.0
192 22.3 17.9 26.9

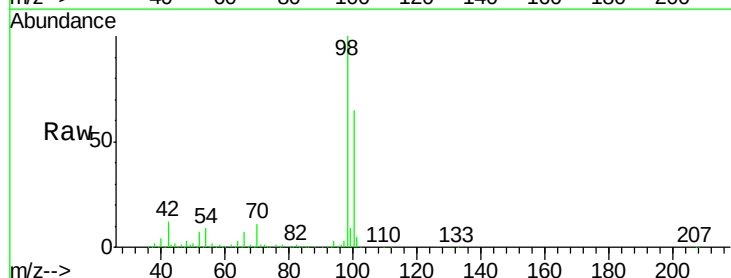


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

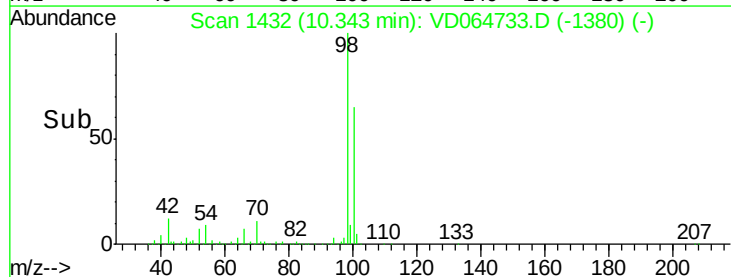
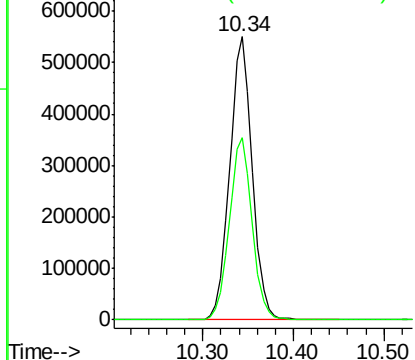


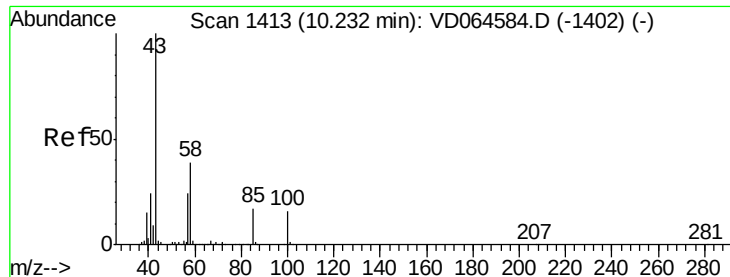
#50
Toluene-d8
Concen: 51.578 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064733.D
Acq: 03 Jan 2020 14:39

Tgt Ion: 98 Resp: 951110
Ion Ratio Lower Upper
98 100
100 65.2 51.7 77.5



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

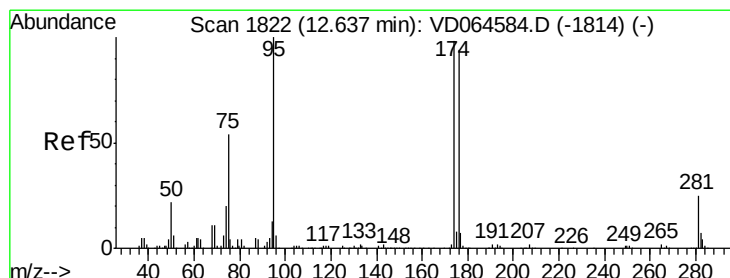
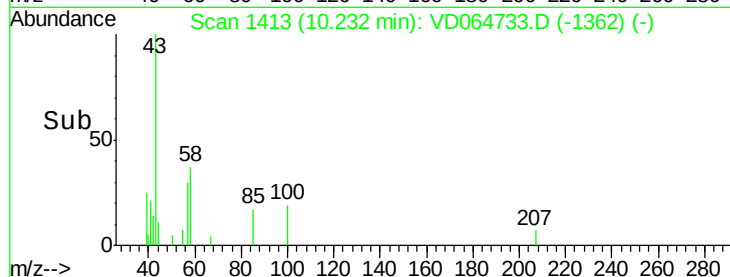
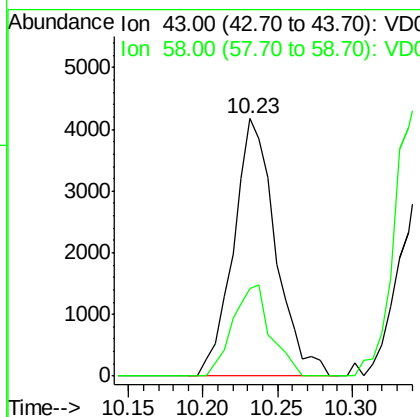
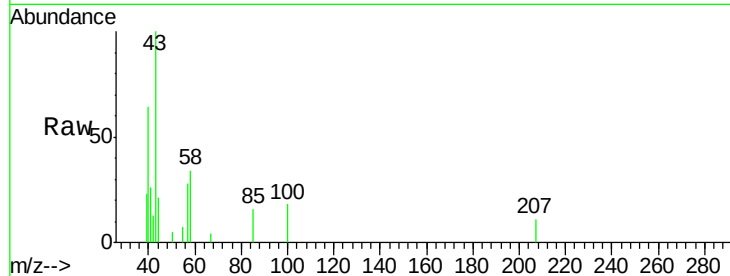




#51
 4-Methyl-2-Pentanone
 Concen: 2.804 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD064733.D
 Acq: 03 Jan 2020 14:39

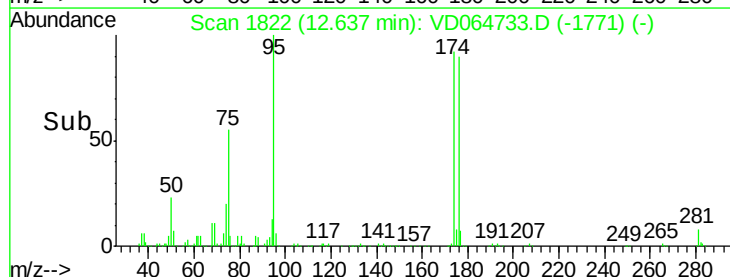
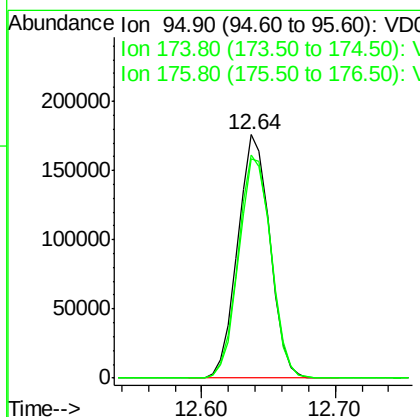
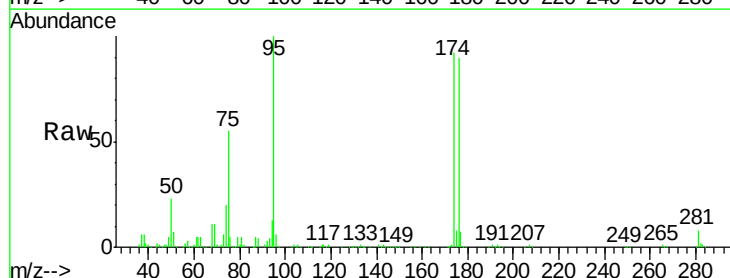
Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK4

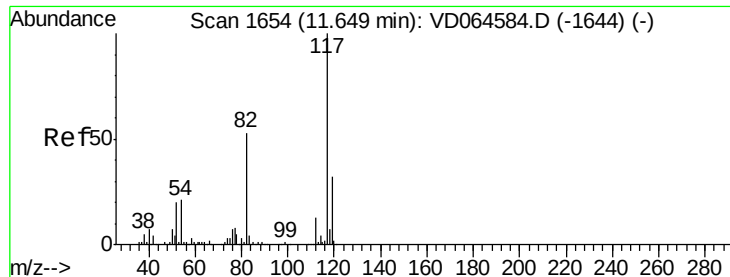
Tgt Ion: 43 Resp: 8185
 Ion Ratio Lower Upper
 43 100
 58 31.9 30.2 45.2



#62
 4-Bromofluorobenzene
 Concen: 50.266 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD064733.D
 Acq: 03 Jan 2020 14:39

Tgt Ion: 95 Resp: 293098
 Ion Ratio Lower Upper
 95 100
 174 93.8 0.0 193.2
 176 91.0 0.0 184.2

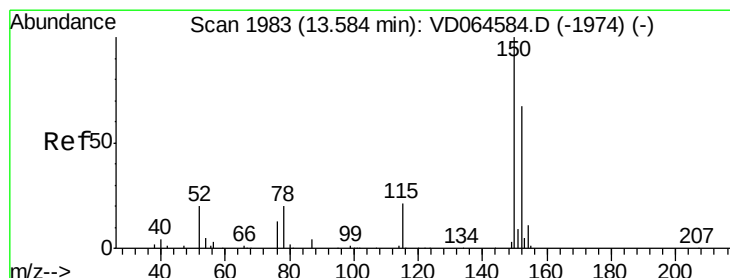
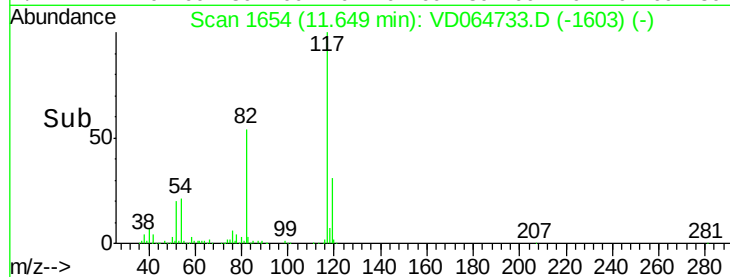
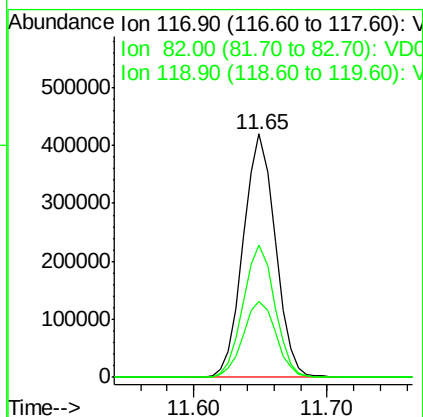
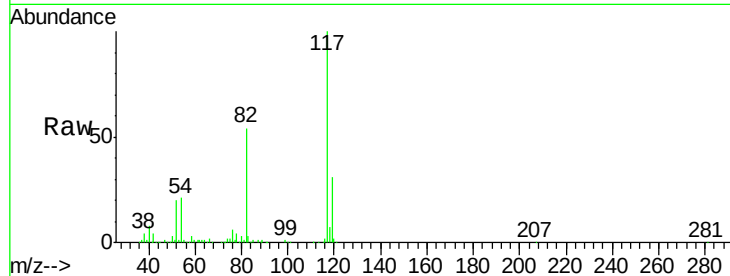




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064733.D
Acq: 03 Jan 2020 14:39

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK4

Tgt Ion:117 Resp: 699579
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 31.2 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: VD064733.D
Acq: 03 Jan 2020 14:39

Tgt Ion:152 Resp: 332362
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 158.1 0.0 351.4

