

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064730.D
 Acq On : 03 Jan 2020 13:13
 Operator : VA/SY
 Sample : VIAL CHECK1
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIAL CHECK1

Quant Time: Jan 03 16:23:42 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

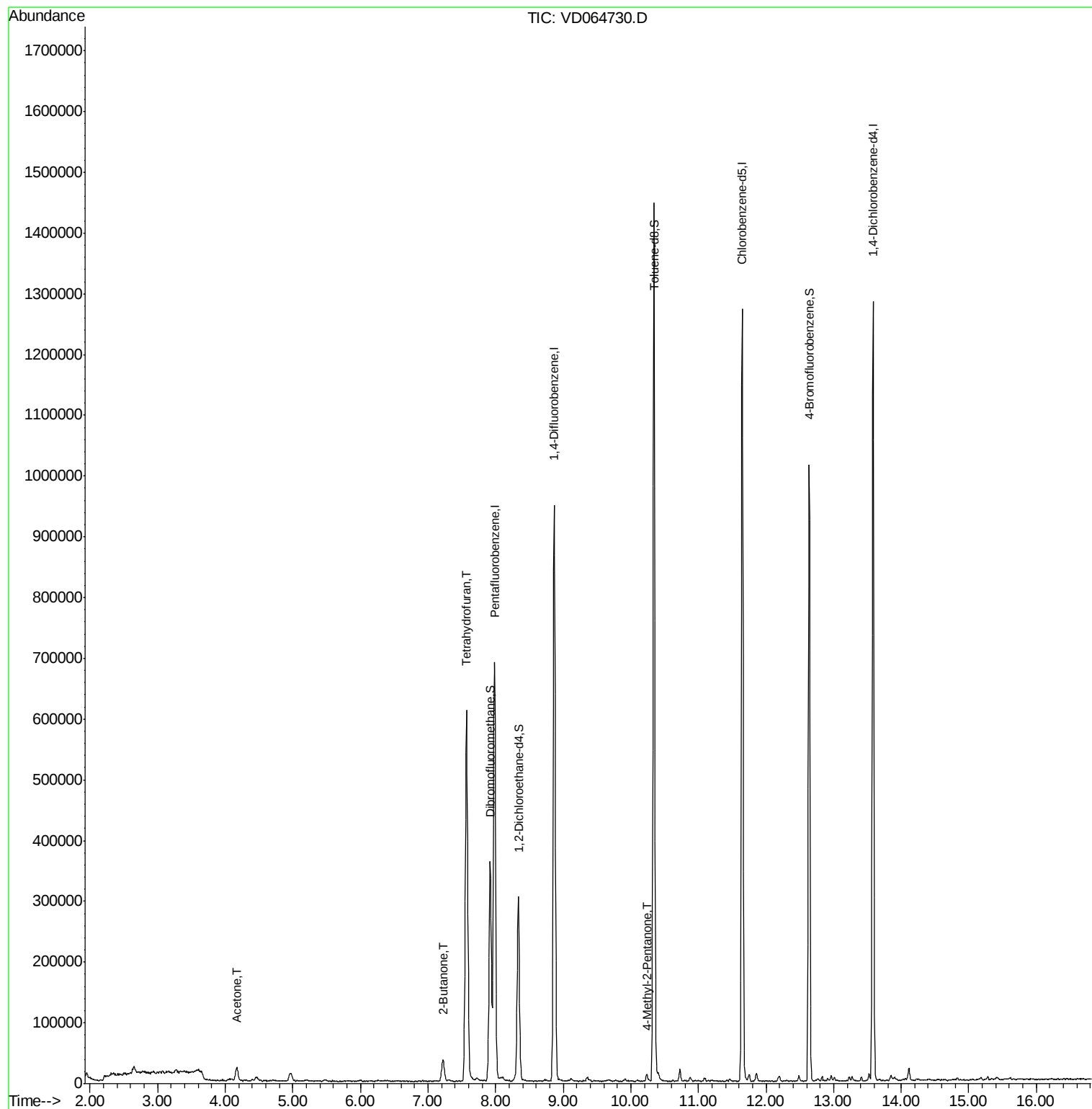
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	540687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	812017	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	712790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	243594	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
35) Dibromofluoromethane	7.92	113	249583	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.34	98	960322	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.64	95	294326	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
Target Compounds						
16) Acetone	4.17	43	39075	38.869	ug/l #	84
25) 2-Butanone	7.22	43	34554	26.366	ug/l	91
29) Tetrahydrofuran	7.57	42	476120	584.206	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	8736	2.892	ug/l	92

(#) = 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# 1031

Delta R.T. 0.00 min

Lab File: VD064730.D

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Instrument :

MSVOA_D

ClientSampleId :

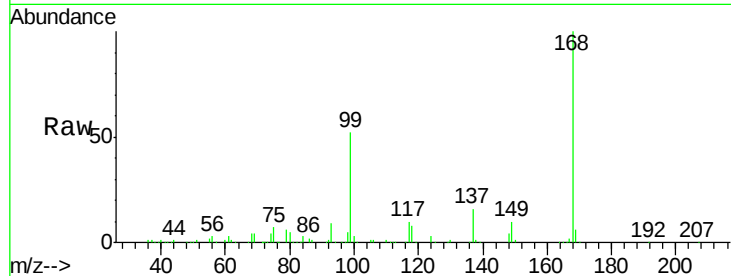
VIAL CHECK1

Tgt Ion:168 Resp: 540687

Ion Ratio Lower Upper

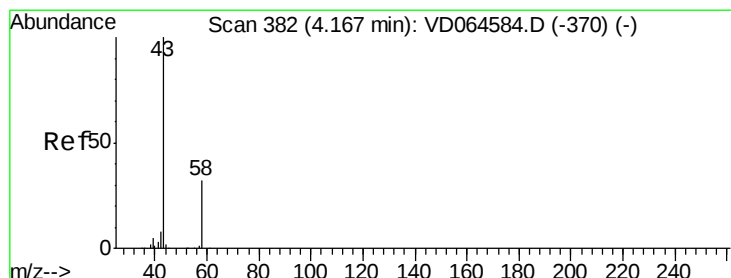
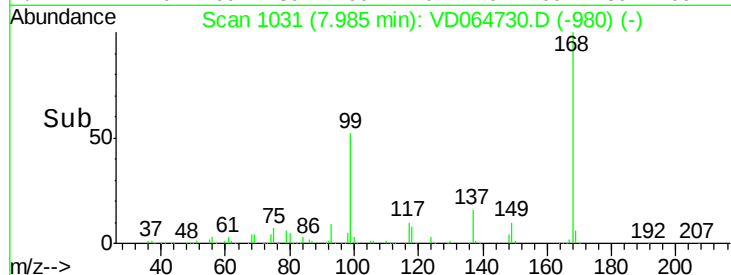
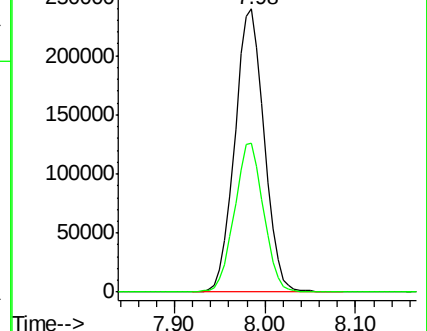
168 100

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



#16

Acetone

Concen: 38.869 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064730.D

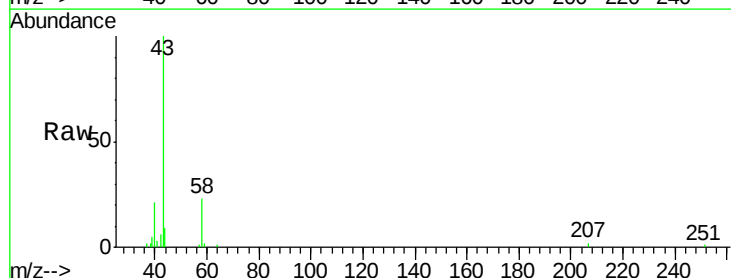
Acq: 03 Jan 2020 13:13

Tgt Ion: 43 Resp: 39075

Ion Ratio Lower Upper

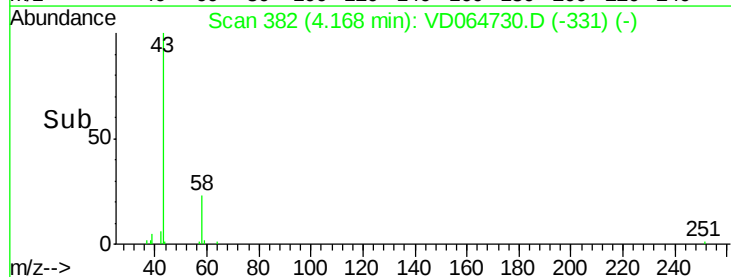
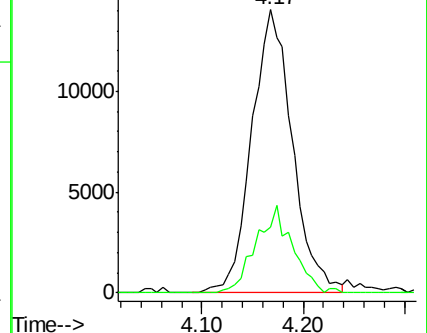
43 100

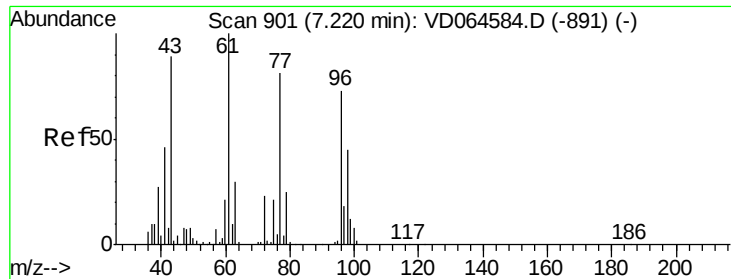
58 23.4 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 26.366 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

Instrument :

MSVOA_D

ClientSampleId :

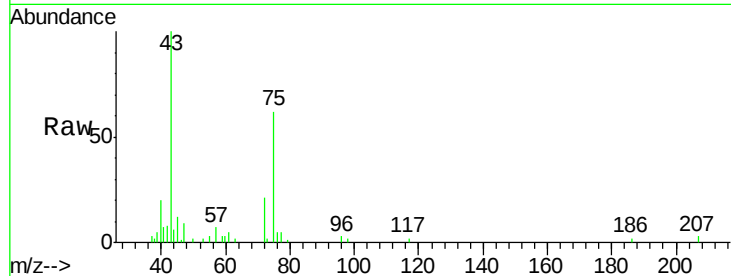
VIAL CHECK1

Tgt Ion: 43 Resp: 34554

Ion Ratio Lower Upper

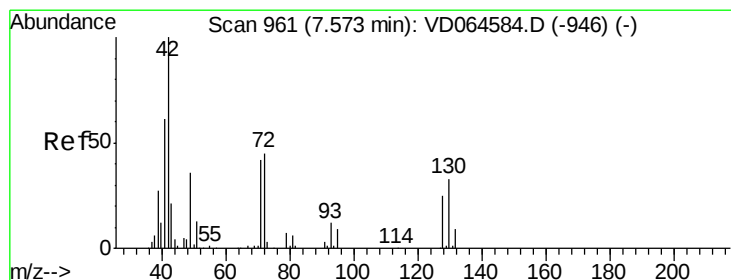
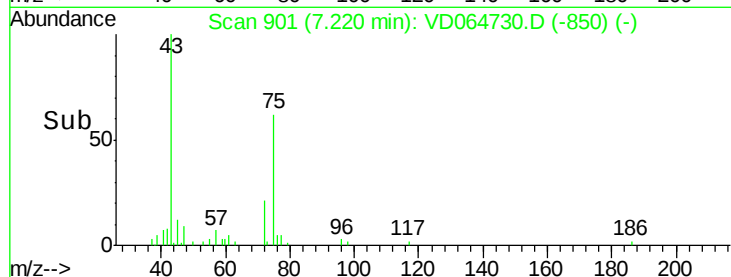
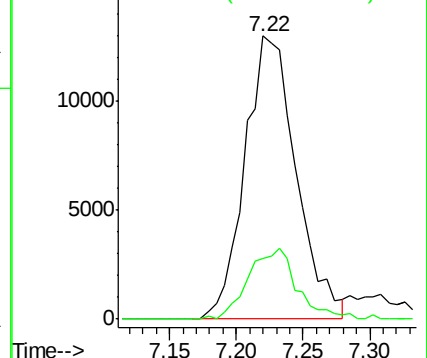
43 100

72 21.3 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: 584.206 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

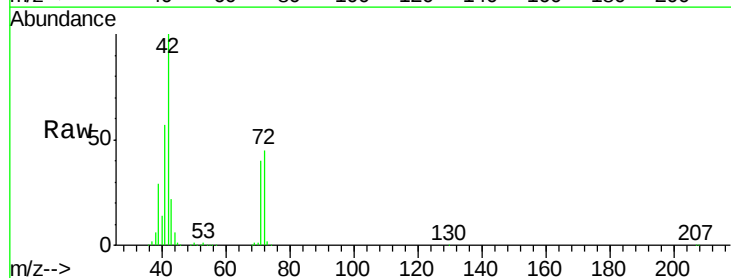
Tgt Ion: 42 Resp: 476120

Ion Ratio Lower Upper

42 100

72 43.3 35.0 52.4

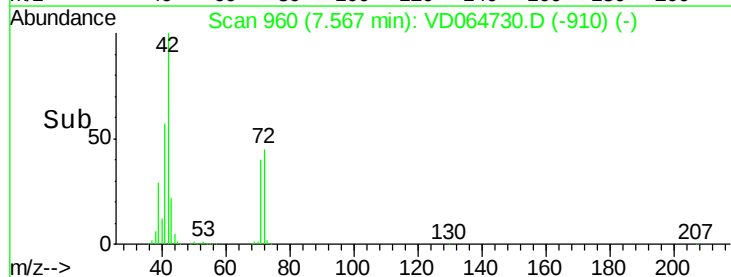
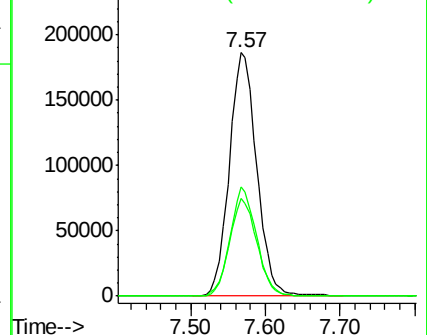
71 40.2 32.9 49.3

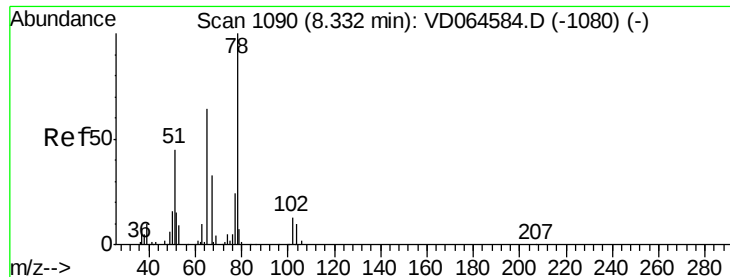


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.092 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

Instrument :

MSVOA_D

ClientSampleId :

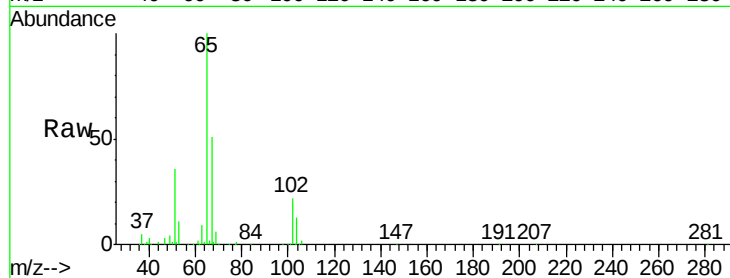
VIAL CHECK1

Tgt Ion: 65 Resp: 243594

Ion Ratio Lower Upper

65 100

67 51.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

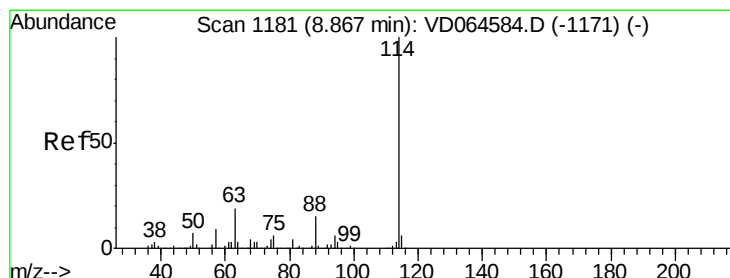
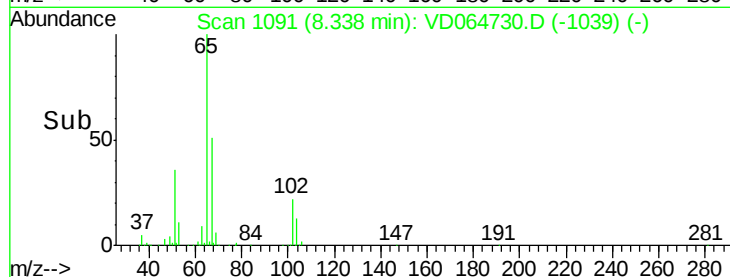
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

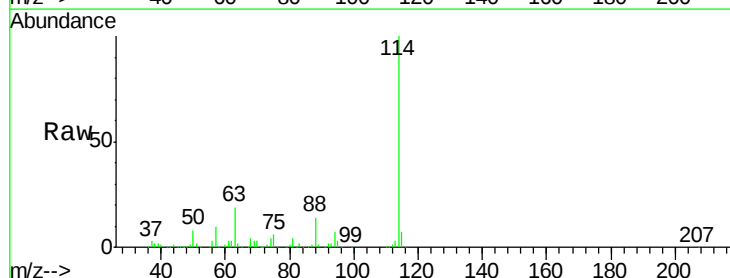
Tgt Ion: 114 Resp: 812017

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 14.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

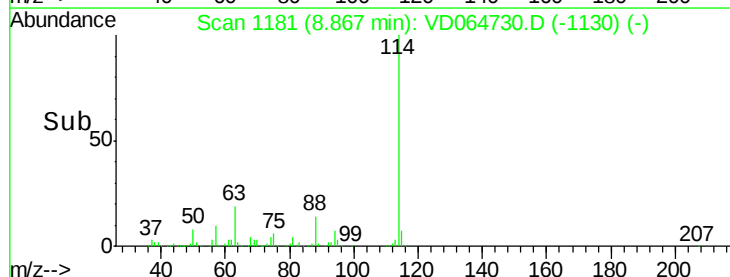
300000

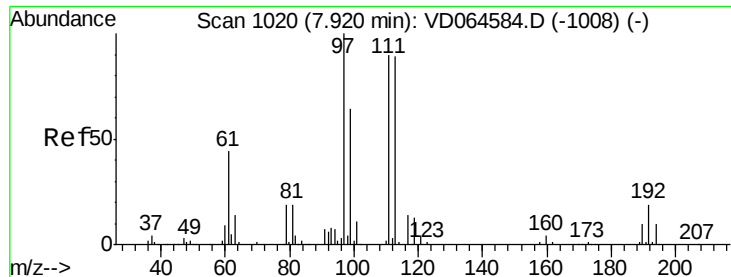
200000

100000

0

Time-->

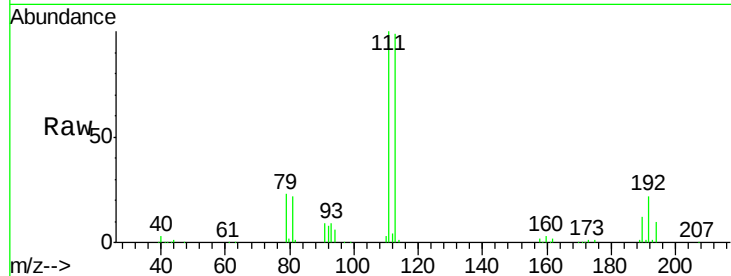




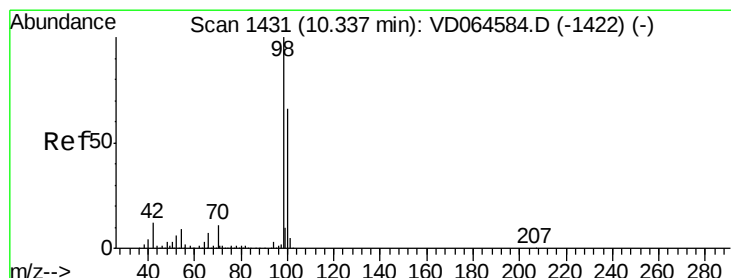
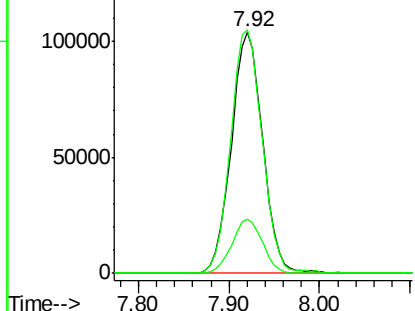
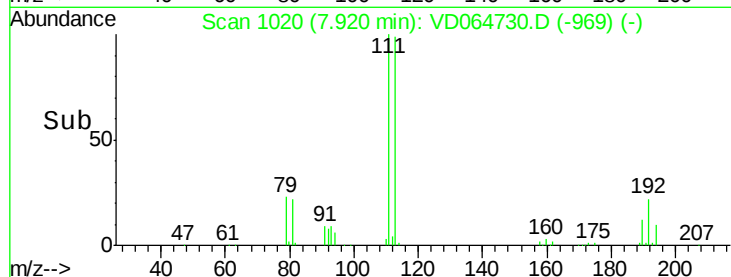
#35
Dibromofluoromethane
Concen: 50.098 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064730.D
Acq: 03 Jan 2020 13:13

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK1

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.6	121.0
192	22.1	17.9	26.9

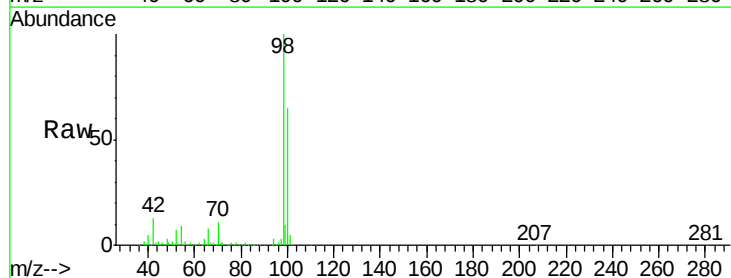


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

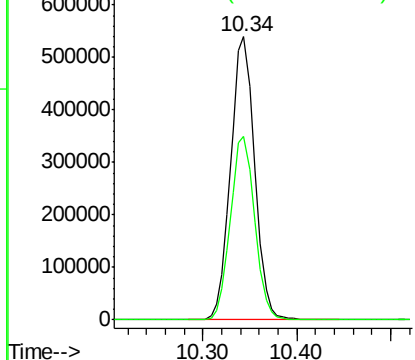
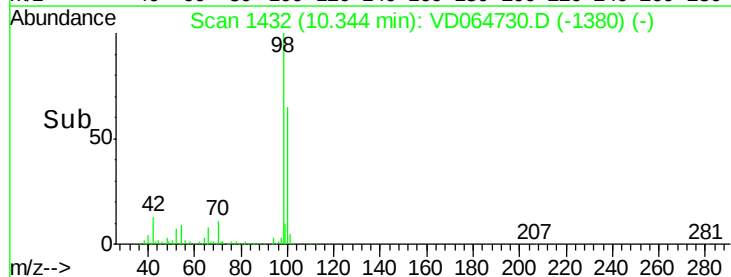


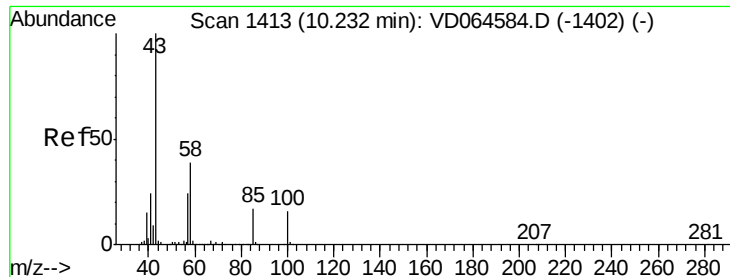
#50
Toluene-d8
Concen: 50.331 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064730.D
Acq: 03 Jan 2020 13:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	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: 2.892 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

Instrument :

MSVOA_D

ClientSampleId :

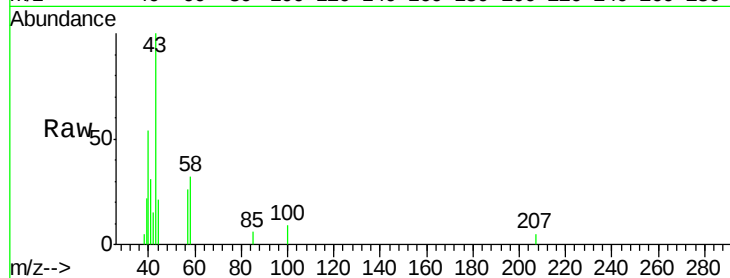
VIAL CHECK1

Tgt Ion: 43 Resp: 8736

Ion Ratio Lower Upper

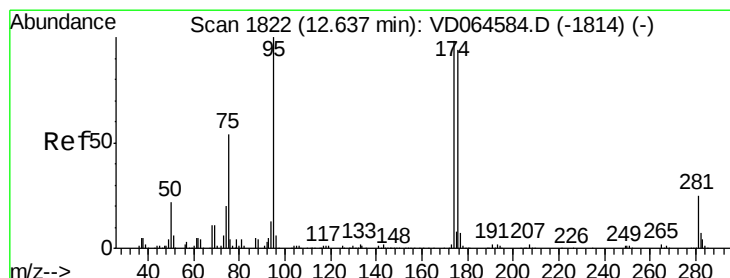
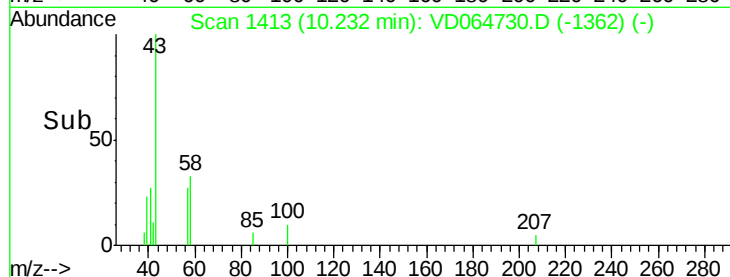
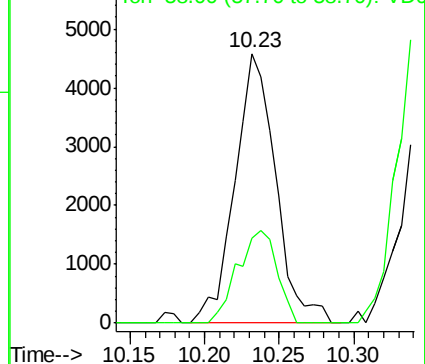
43 100

58 32.8 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: 48.784 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064730.D

Acq: 03 Jan 2020 13:13

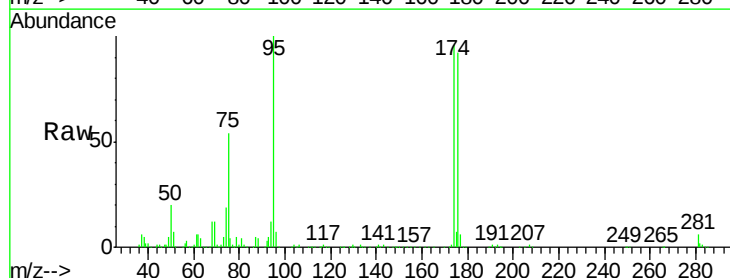
Tgt Ion: 95 Resp: 294326

Ion Ratio Lower Upper

95 100

174 94.9 0.0 193.2

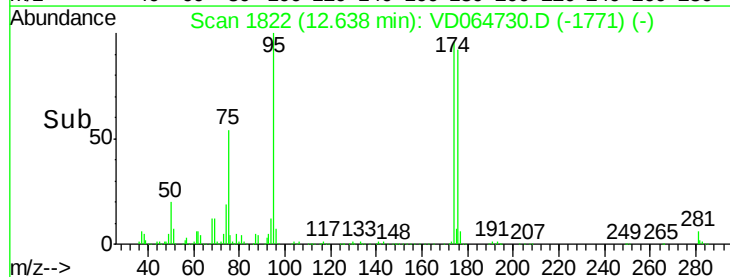
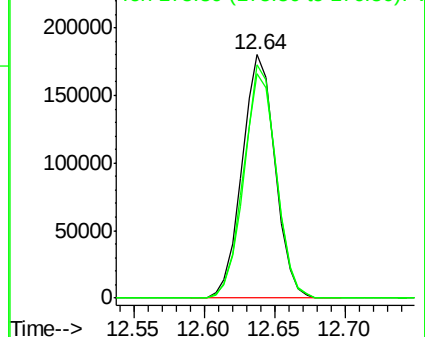
176 91.9 0.0 184.2

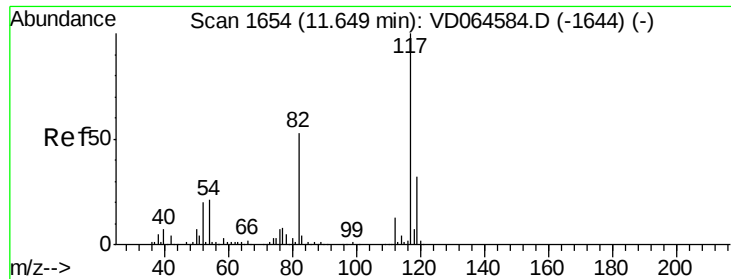


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

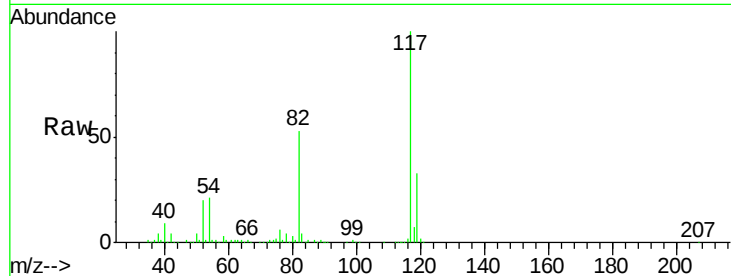




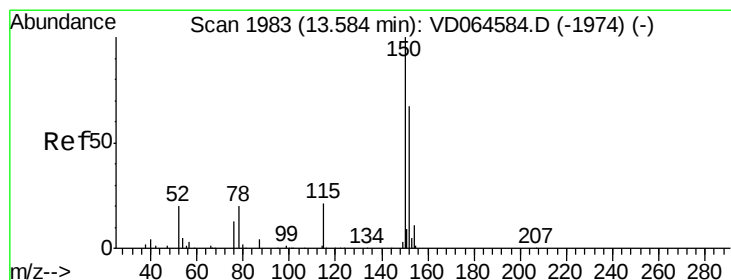
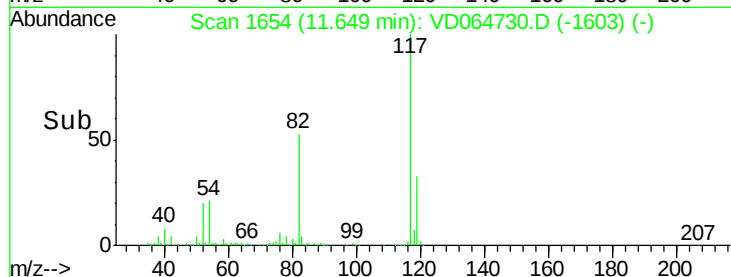
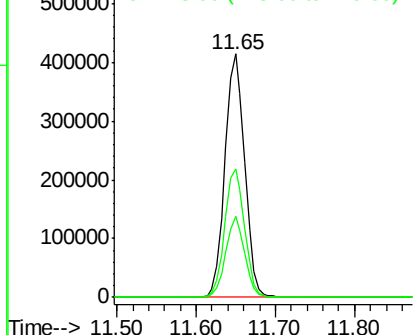
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064730.D
Acq: 03 Jan 2020 13:13

Instrument :
MSVOA_D
ClientSampleId :
VIAL CHECK1

Tgt Ion:117 Resp: 712790
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 33.3 26.0 39.0

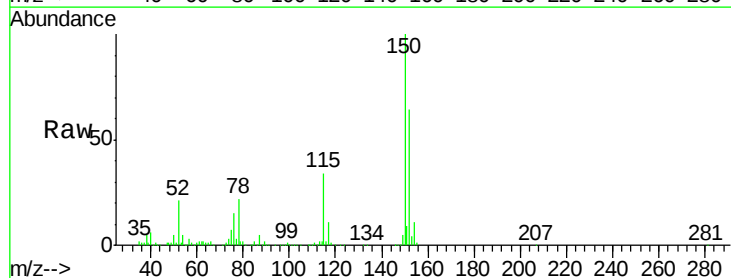


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064730.D
Acq: 03 Jan 2020 13:13

Tgt Ion:152 Resp: 335833
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 154.9 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

