

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064880.D
 Acq On : 20 Jan 2020 09:45
 Operator : VA/SY
 Sample : VD0120SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 21 04:07:12 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

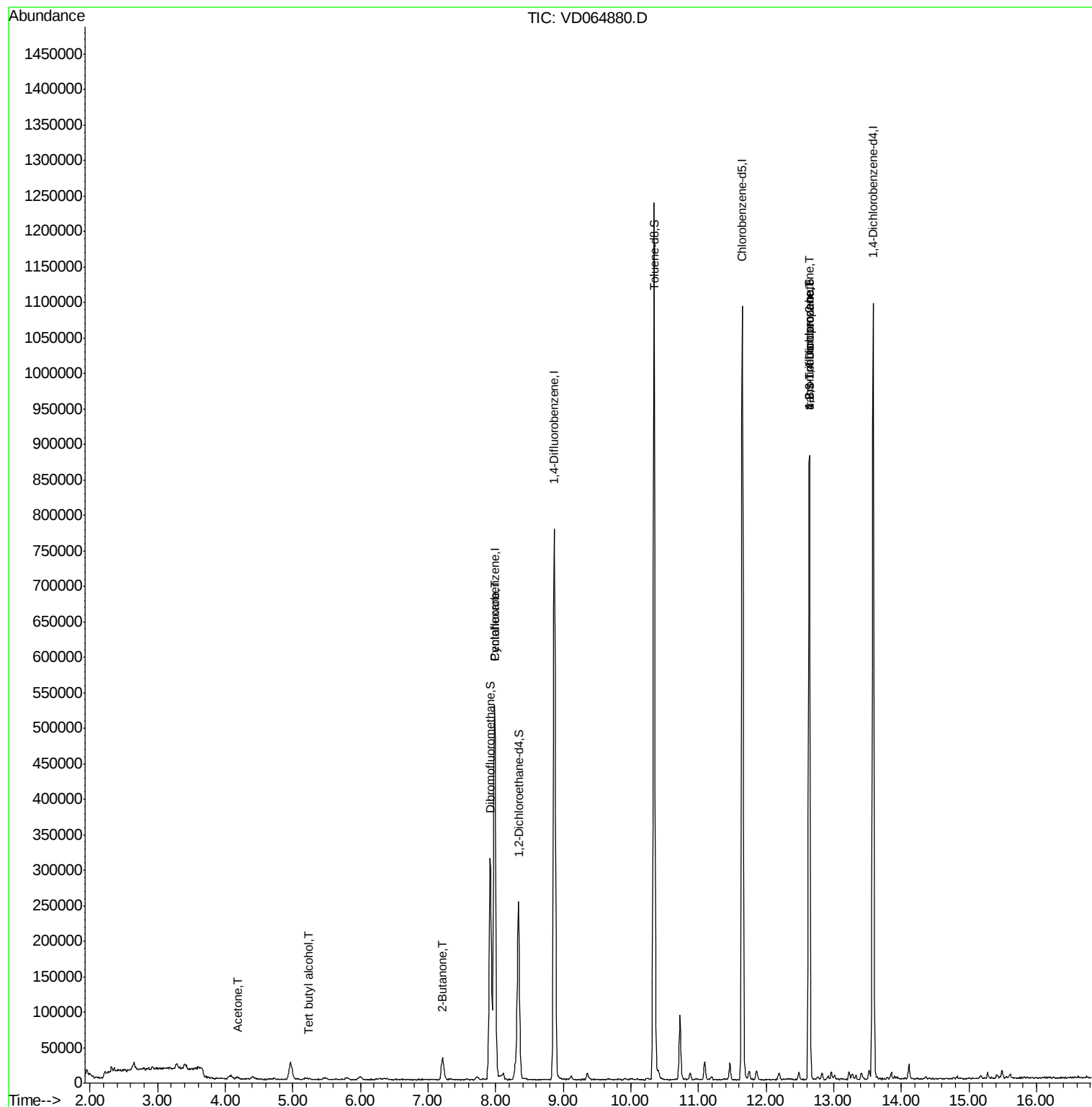
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	413989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	675432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	623262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	285138	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	201656	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
35) Dibromofluoromethane	7.92	113	211791	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.34	98	817713	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	253566	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	274	1.310	ug/l #	70
16) Acetone	4.17	43	4936	9.842	ug/l	91
20) Methylene Chloride	4.97	84	17622	Below Cal		92
25) 2-Butanone	7.21	43	1391	1.386	ug/l #	88
31) Cyclohexane	7.98	56	11689	1.717	ug/l #	43
76) 1,2,3-Trichloropropane	12.64	75	137231	60.948	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	137231	127.470	ug/l #	10

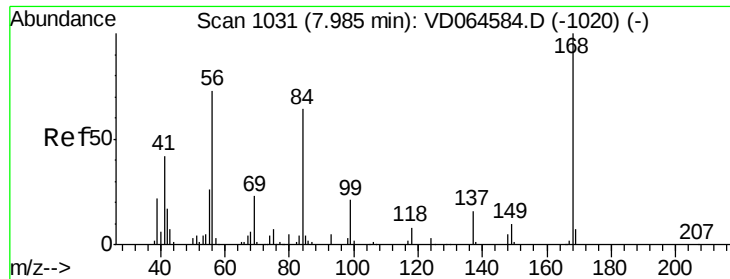
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064880.D

Acq: 20 Jan 2020 09:45

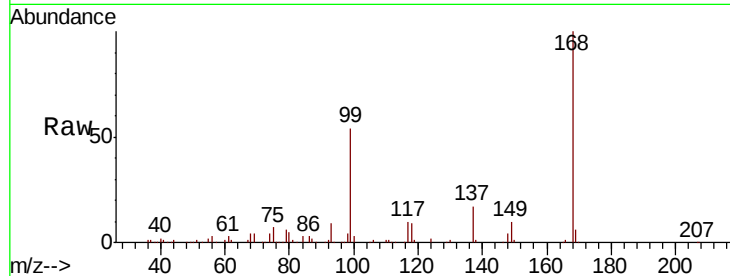
Instrument :
MSVOA_D
ClientSampled :

Tot Ion:168 Resp: 413989

Ion Ratio Lower Upper

168 100

99 53.5 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

200000

150000

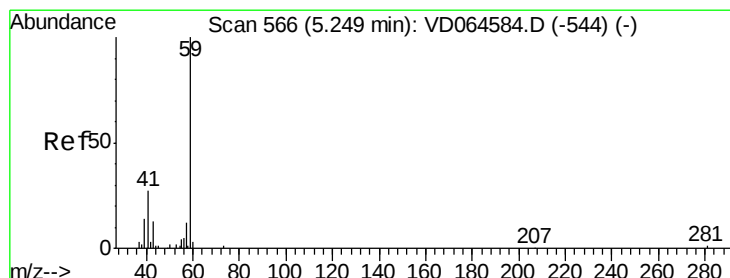
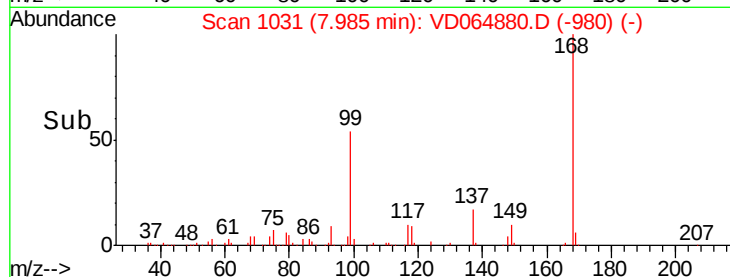
100000

50000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.310 ug/l

RT: 5.23 min Scan# 563

Delta R.T. -0.02 min

Lab File: VD064880.D

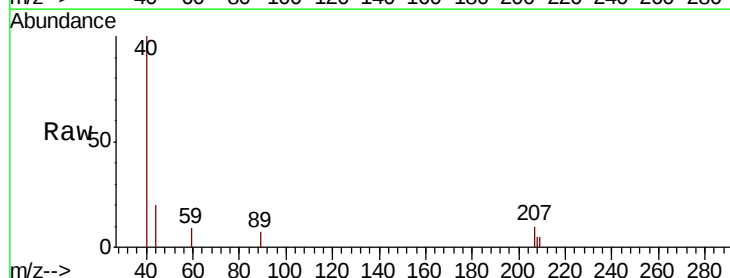
Acq: 20 Jan 2020 09:45

Tgt Ion: 59 Resp: 274

Ion Ratio Lower Upper

59 100

57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

500

400

300

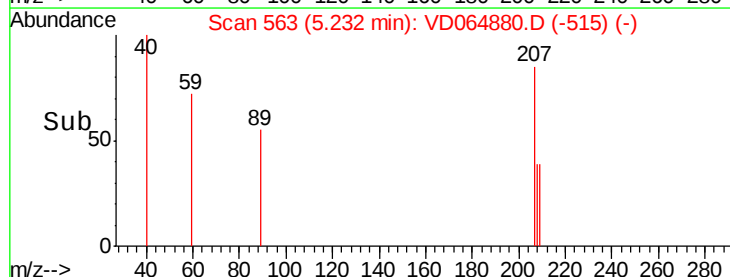
200

100

0

5.22 5.23 5.24 5.25

Time-->





#16

Acetone

Concen: 9.842 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

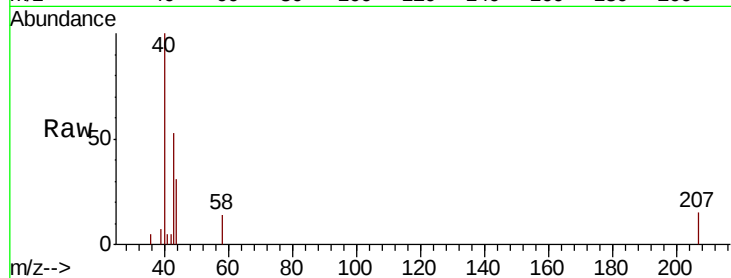
ClientSampleId :

Tot Ion: 43 Resp: 4936

Ion Ratio Lower Upper

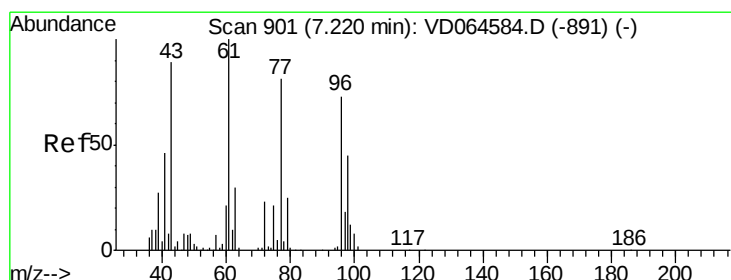
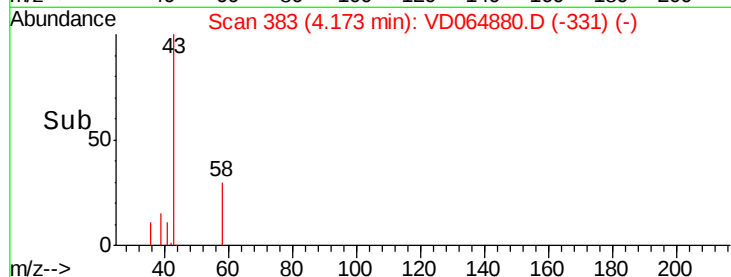
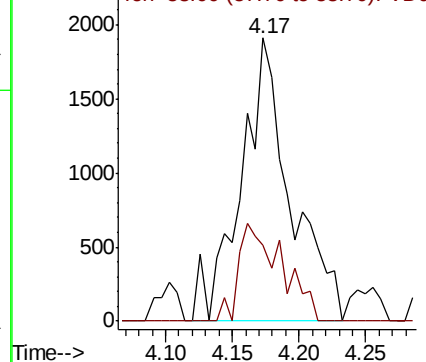
43 100

58 27.0 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: 1.386 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD064880.D

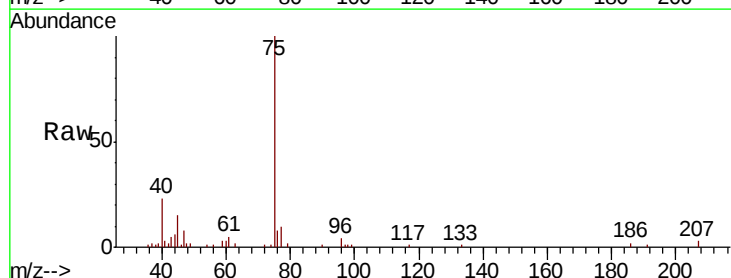
Acq: 20 Jan 2020 09:45

Tgt Ion: 43 Resp: 1391

Ion Ratio Lower Upper

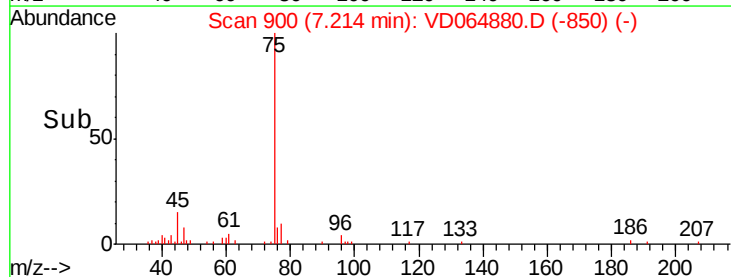
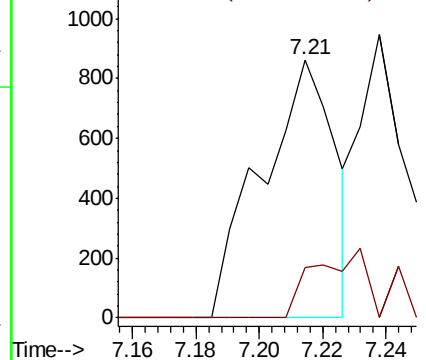
43 100

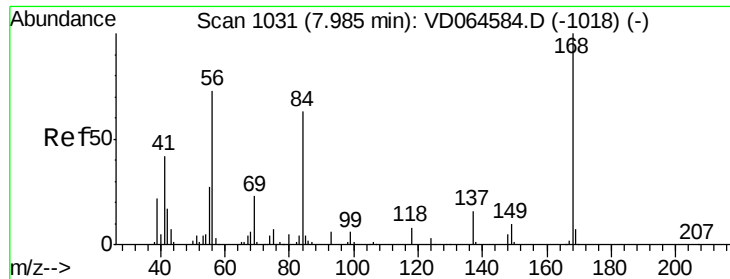
72 19.7 20.7 31.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

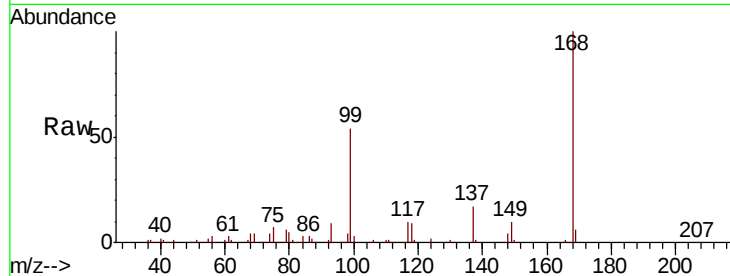




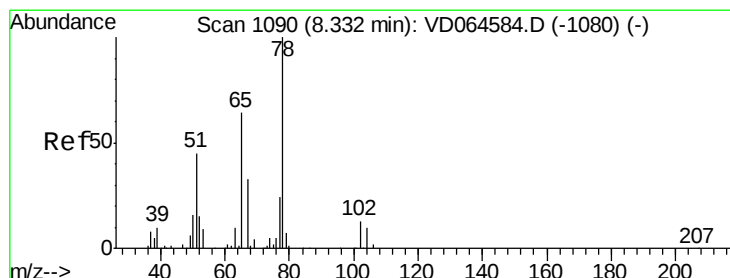
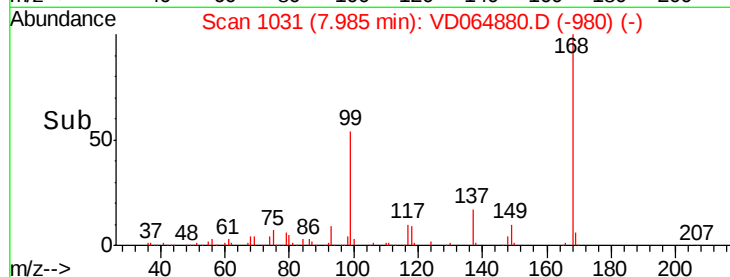
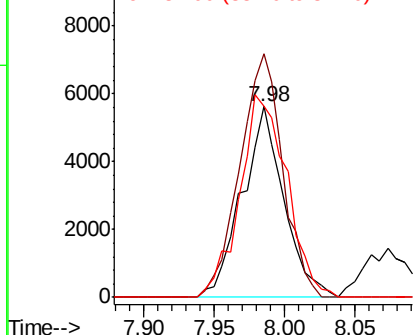
#31
Cyclohexane
Concen: 1.717 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064880.D
Acq: 20 Jan 2020 09:45

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 11689
Ion Ratio Lower Upper
56 100
69 127.6 24.7 37.1#
84 100.1 69.4 104.2

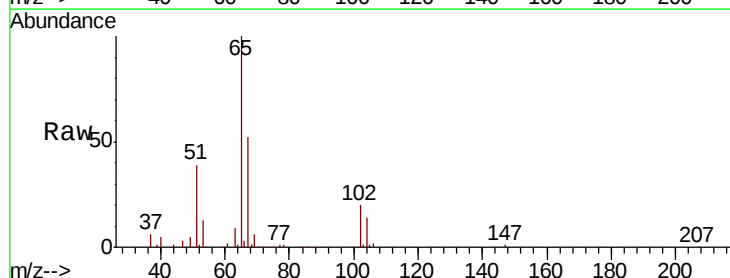


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

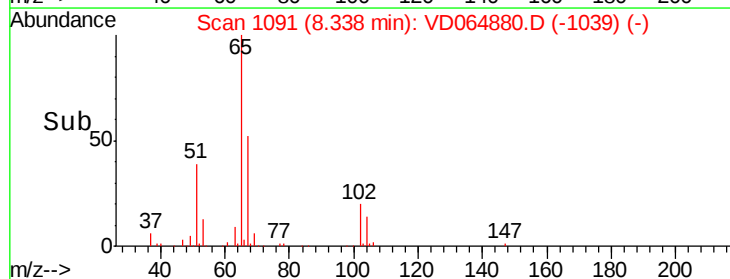
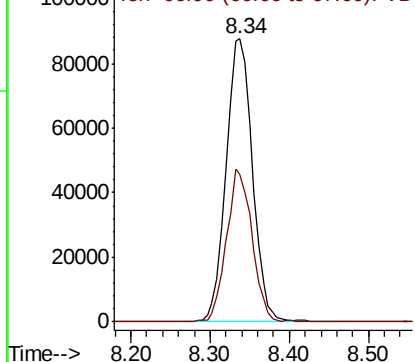


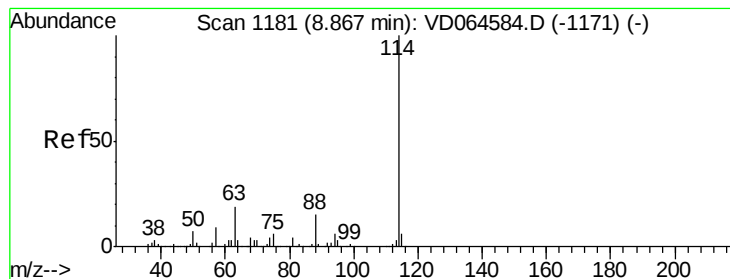
#33
1,2-Dichloroethane-d4
Concen: 55.241 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064880.D
Acq: 20 Jan 2020 09:45

Tgt Ion: 65 Resp: 201656
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

ClientSampleId :

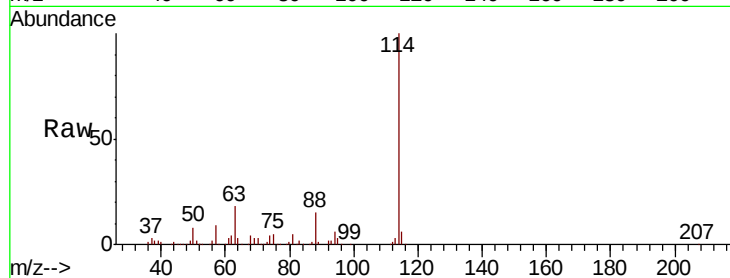
Tot Ion:114 Resp: 675432

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.0

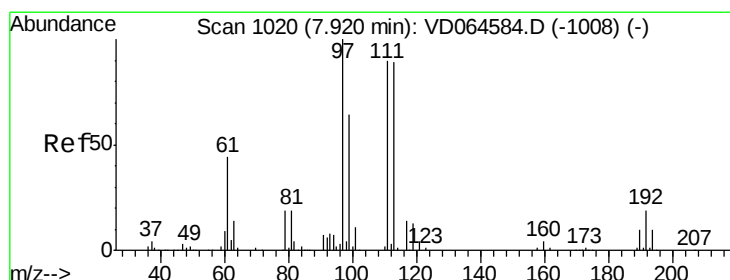
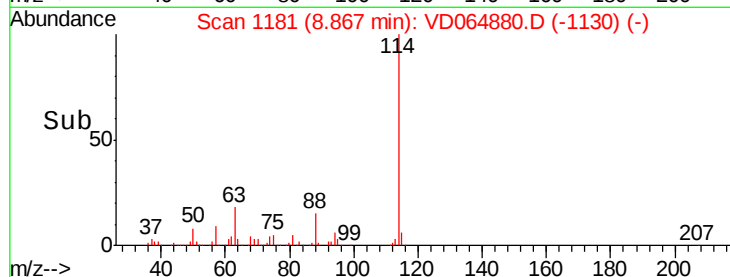
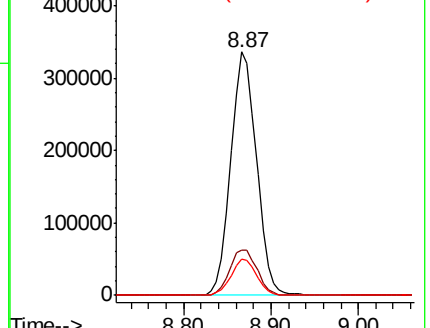
88 14.8 0.0 29.2



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: 51.109 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

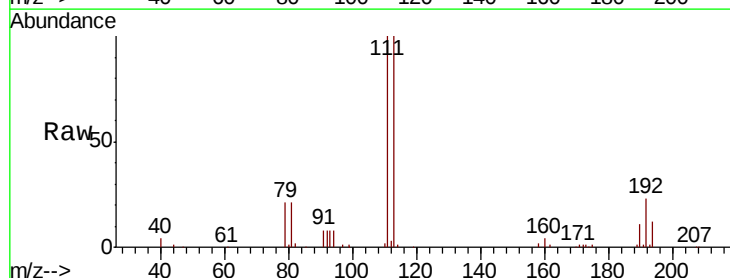
Tgt Ion:113 Resp: 211791

Ion Ratio Lower Upper

113 100

111 102.7 80.6 121.0

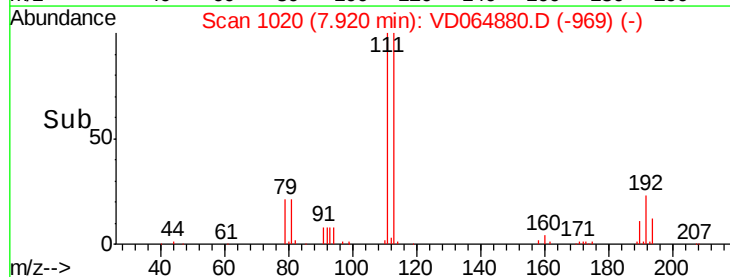
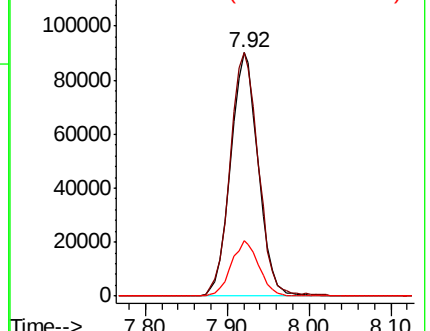
192 22.5 17.9 26.9

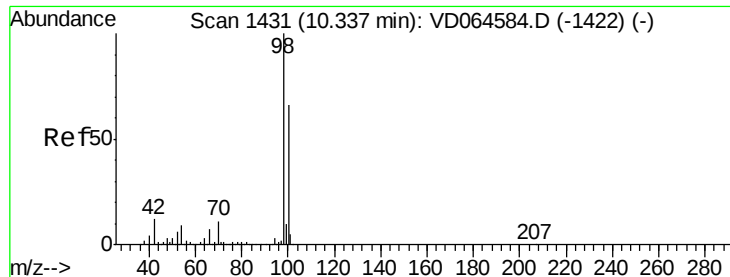


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.524 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

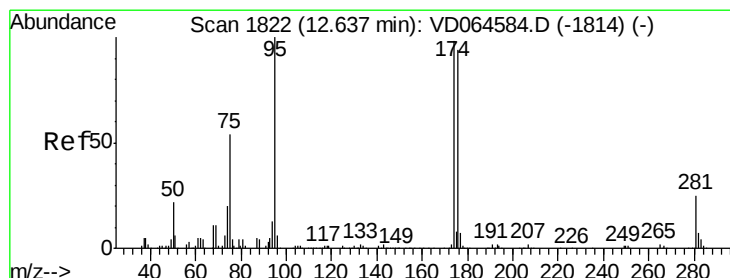
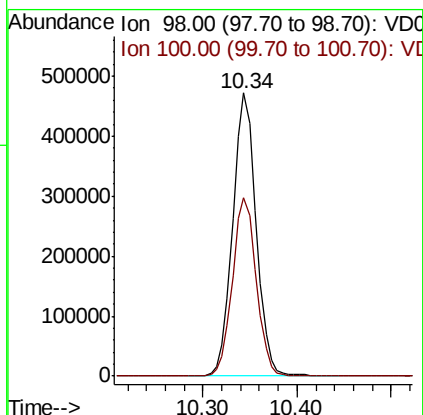
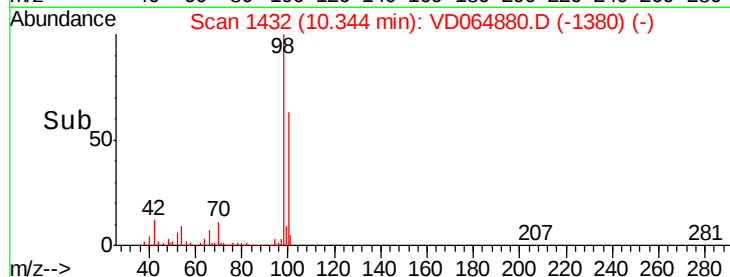
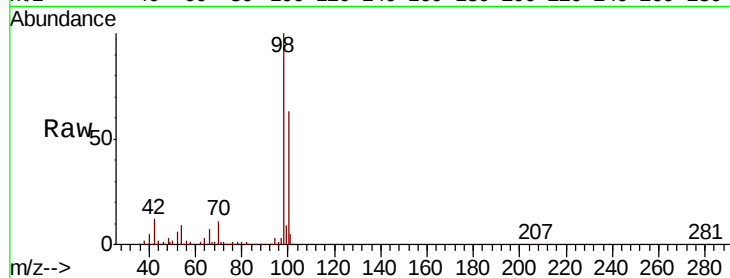
ClientSampleId :

Tot Ion: 98 Resp: 817713

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 50.527 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

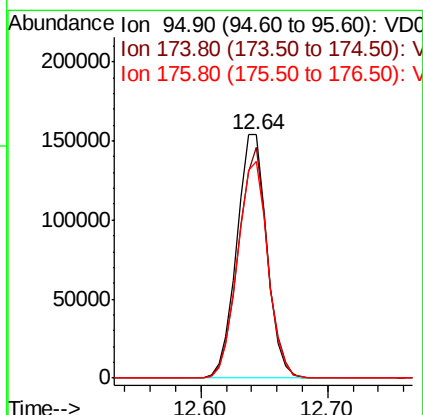
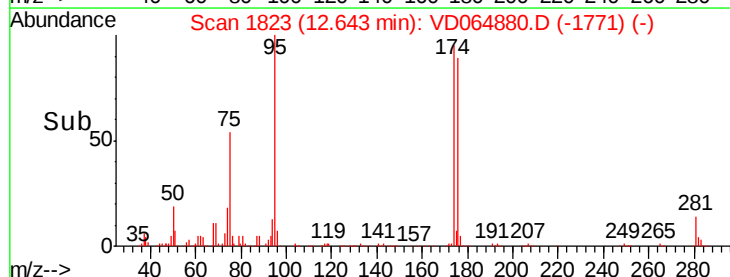
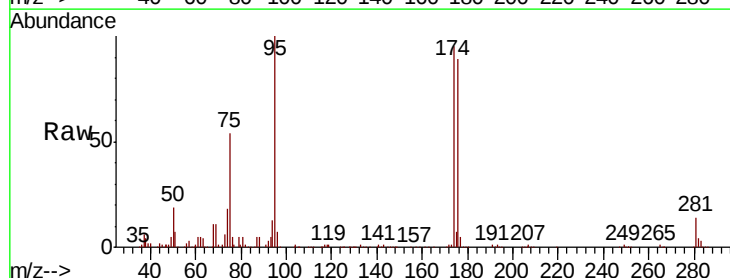
Tgt Ion: 95 Resp: 253566

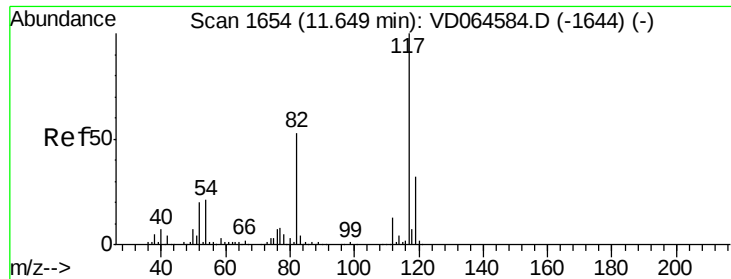
Ion Ratio Lower Upper

95 100

174 91.7 0.0 193.2

176 89.3 0.0 184.2

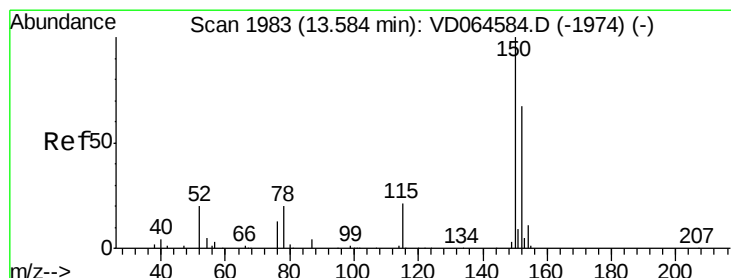
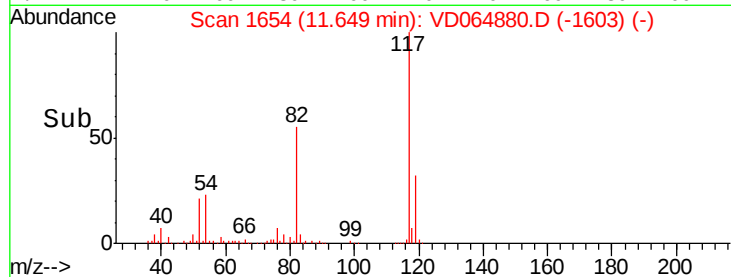
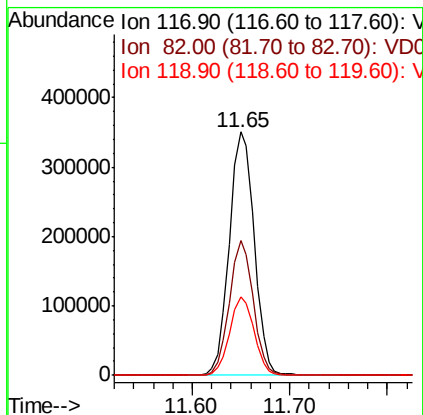
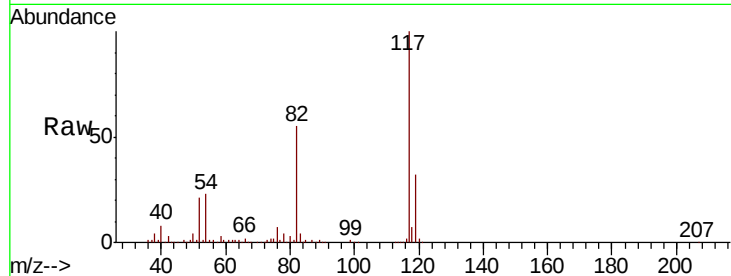




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064880.D
Acq: 20 Jan 2020 09:45

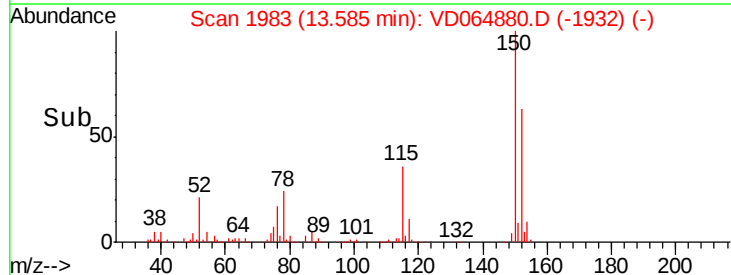
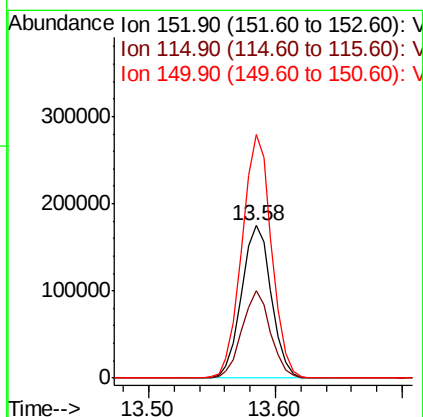
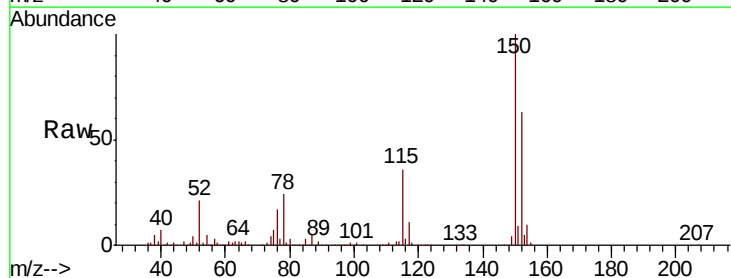
Instrument :
MSVOA_D
ClientSampled :

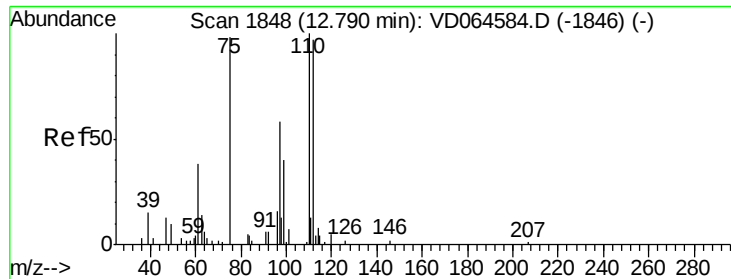
Tot Ion:117 Resp: 623262
Ion Ratio Lower Upper
117 100
82 55.2 42.2 63.4
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064880.D
Acq: 20 Jan 2020 09:45

Tgt Ion:152 Resp: 285138
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 158.1 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 60.948 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

Instrument :

MSVOA_D

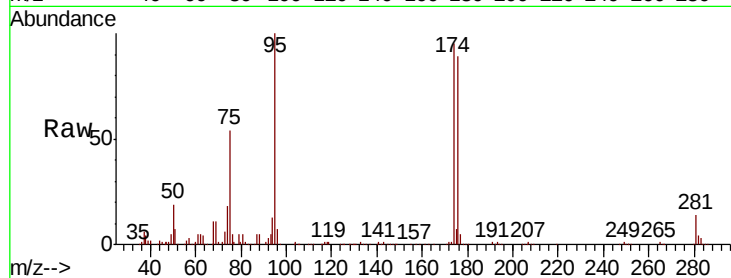
ClientSampleId :

Tot Ion: 75 Resp: 137231

Ion Ratio Lower Upper

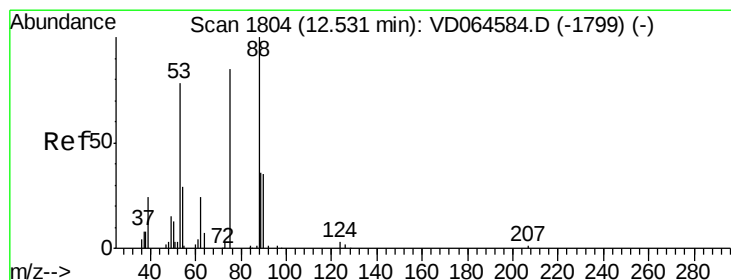
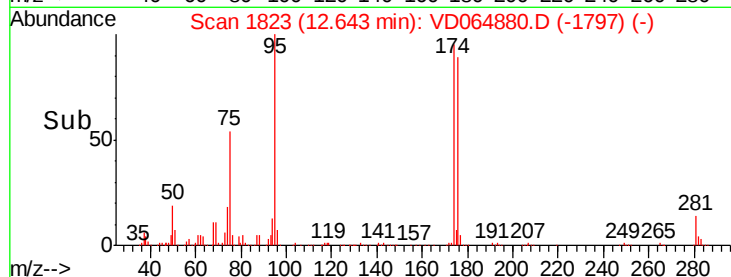
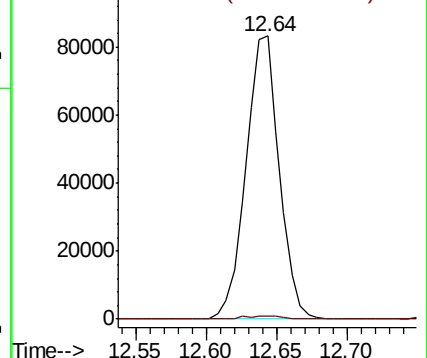
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 127.470 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD064880.D

Acq: 20 Jan 2020 09:45

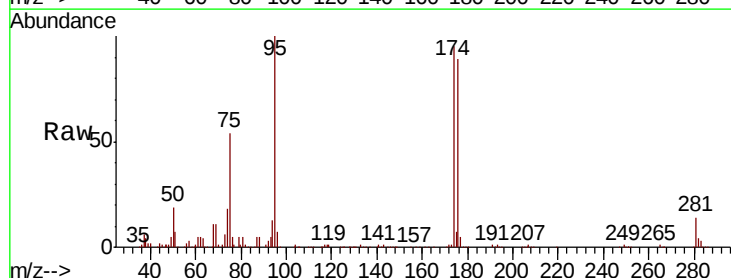
Tgt Ion: 75 Resp: 137231

Ion Ratio Lower Upper

75 100

53 0.0 78.8 118.2#

89 0.1 38.3 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

