

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065092.D
 Acq On : 06 Feb 2020 17:49
 Operator : VA/SY
 Sample : L1393-05RE
 Misc : 6.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:10:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 05 15:53:00 2020
 Response via : Initial Calibration

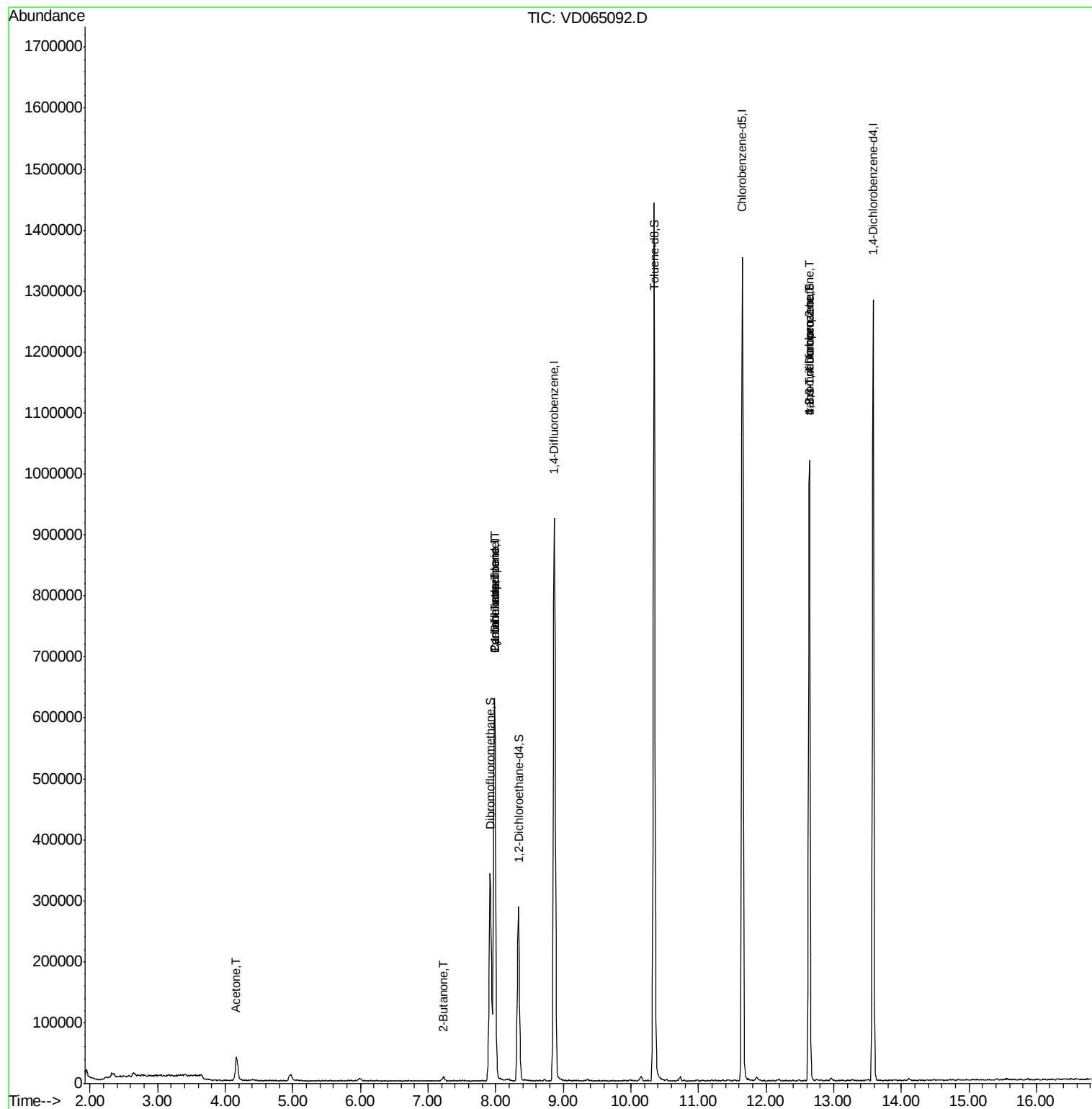
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	483662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	793481	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	772180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	335747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	227358	55.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.62%	
35) Dibromofluoromethane	7.92	113	242875	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
50) Toluene-d8	10.34	98	974349	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
62) 4-Bromofluorobenzene	12.64	95	316251	56.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.28%	
Target Compounds						
16) Acetone	4.16	43	67718	65.890	ug/l	100
20) Methylene Chloride	4.96	84	8101	Below Cal	#	83
25) 2-Butanone	7.23	43	10203	8.323	ug/l	91
31) Cyclohexane	7.98	56	10444	1.277	ug/l #	28
36) 1,1-Dichloropropene	7.98	75	34984	4.742	ug/l #	50
38) Carbon Tetrachloride	7.98	117	45773	6.074	ug/l #	15
76) 1,2,3-Trichloropropane	12.64	75	169341	66.618	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	169341	133.231	ug/l #	10

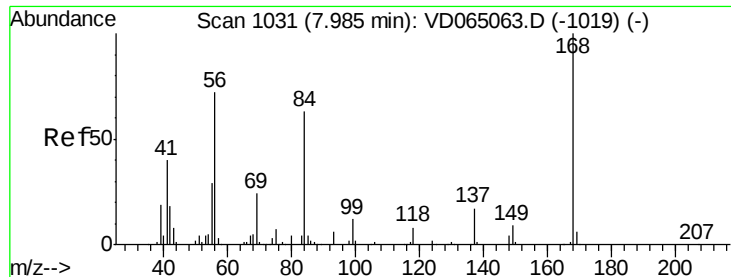
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 05 15:53:00 2020
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: VD065092.D

Acq: 06 Feb 2020 17:49

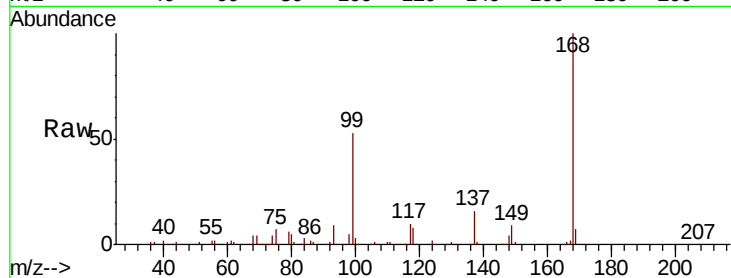
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 483662

Ion Ratio Lower Upper

168 100

99 52.7 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

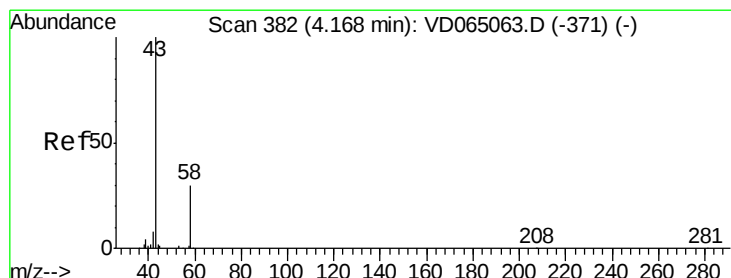
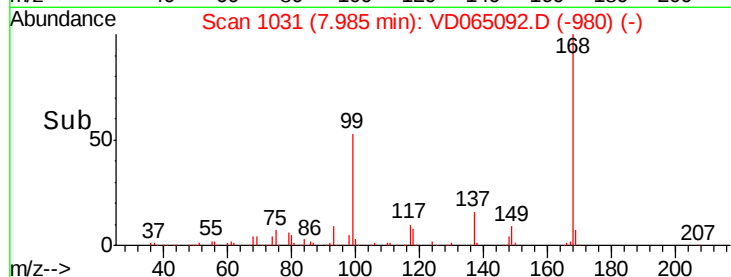
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 65.890 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065092.D

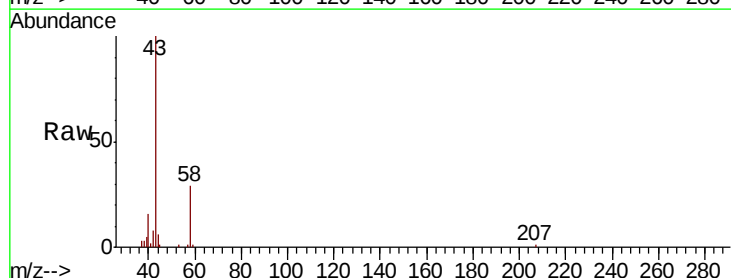
Acq: 06 Feb 2020 17:49

Tgt Ion: 43 Resp: 67718

Ion Ratio Lower Upper

43 100

58 29.5 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

25000

20000

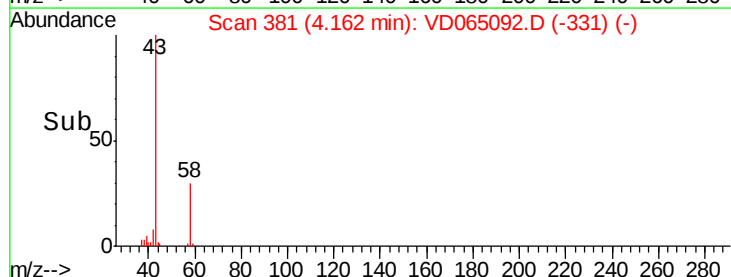
15000

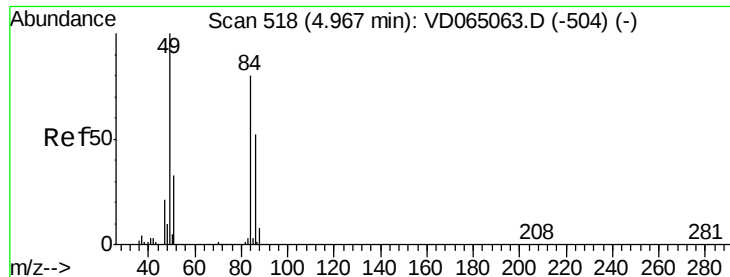
10000

5000

0

Time-->

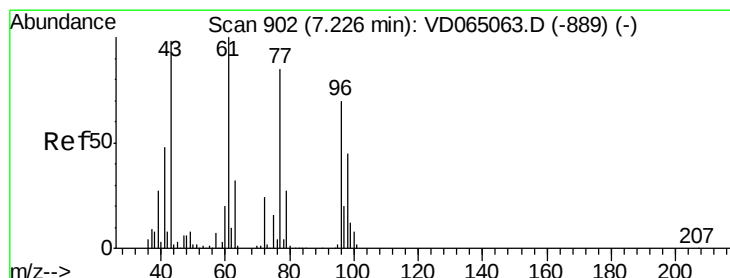
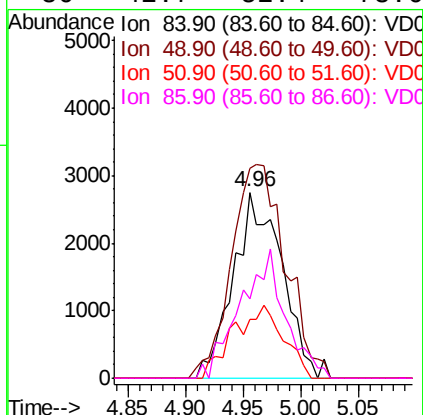
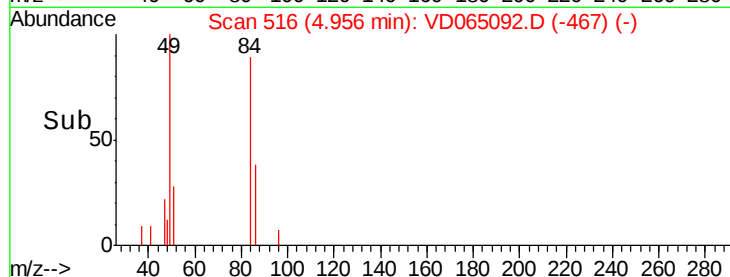
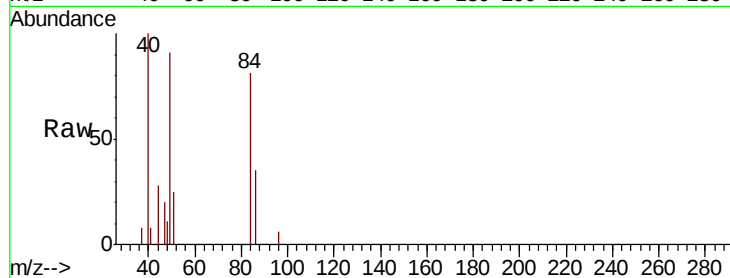




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065092.D
Acq: 06 Feb 2020 17:49

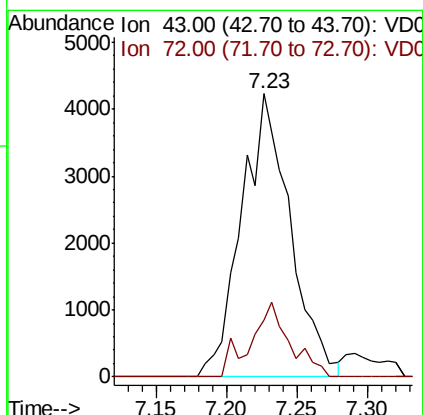
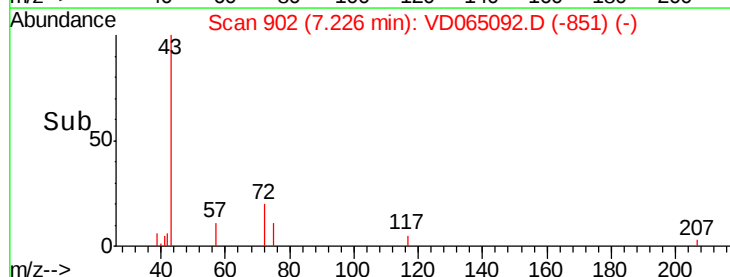
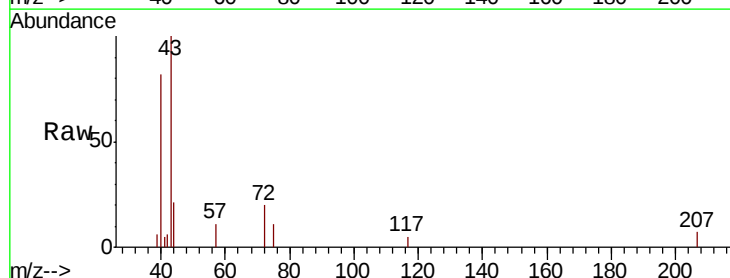
Instrument :
MSVOA_D
ClientSampleId :

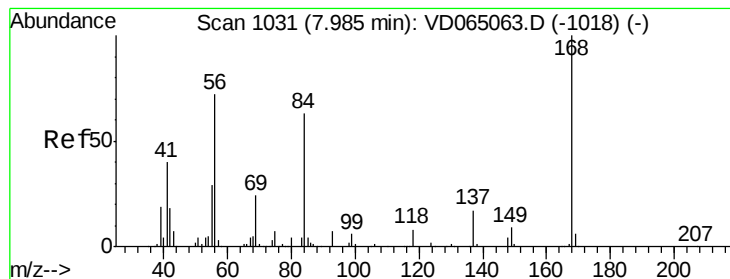
Tot Ion: 84 Resp: 8101
Ion Ratio Lower Upper
84 100
49 112.8 100.4 150.6
51 31.4 32.7 49.1#
86 42.7 52.4 78.6#



#25
2-Butanone
Concen: 8.323 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD065092.D
Acq: 06 Feb 2020 17:49

Tgt Ion: 43 Resp: 10203
Ion Ratio Lower Upper
43 100
72 20.3 19.9 29.9





#31

Cyclohexane

Concen: 1.277 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

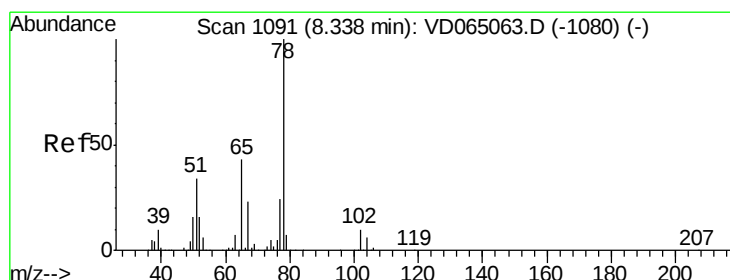
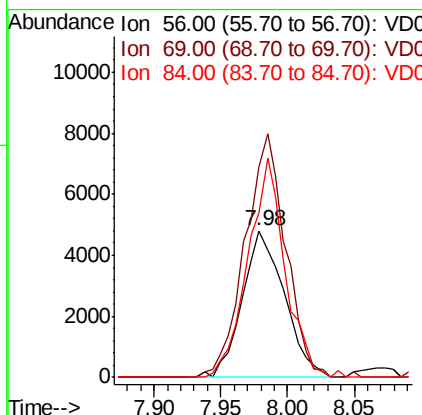
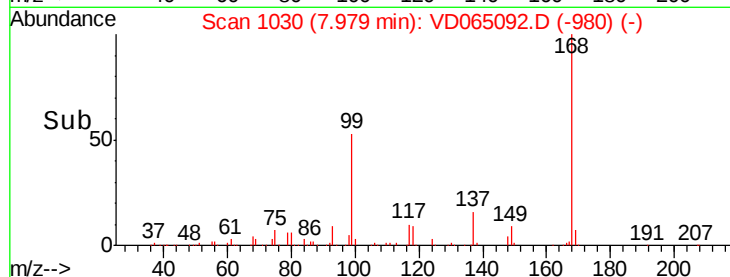
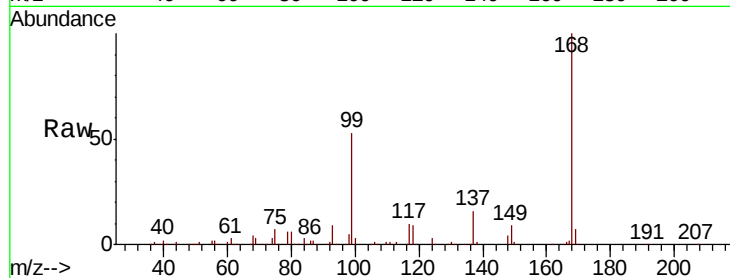
Tot Ion: 56 Resp: 10444

Ion Ratio Lower Upper

56 100

69 143.4 26.6 40.0#

84 112.4 70.6 106.0#



#33

1,2-Dichloroethane-d4

Concen: 55.309 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065092.D

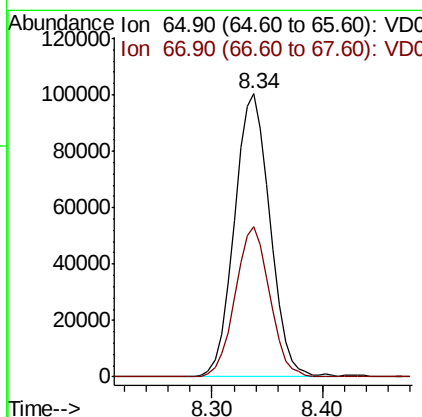
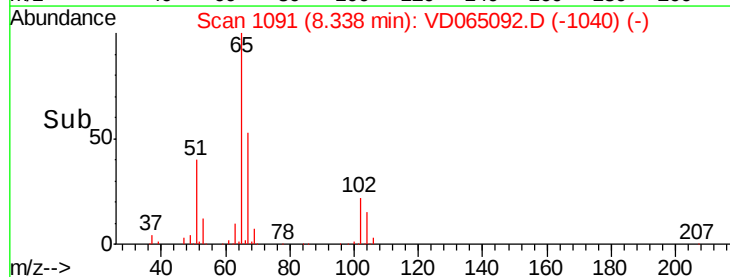
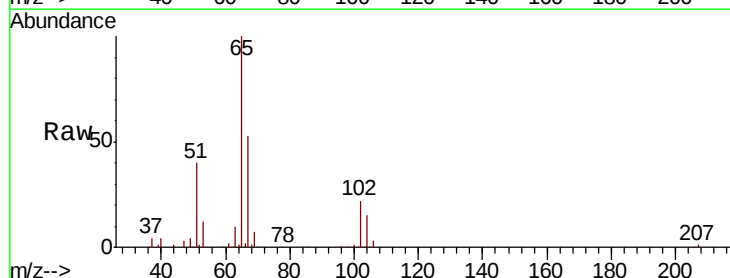
Acq: 06 Feb 2020 17:49

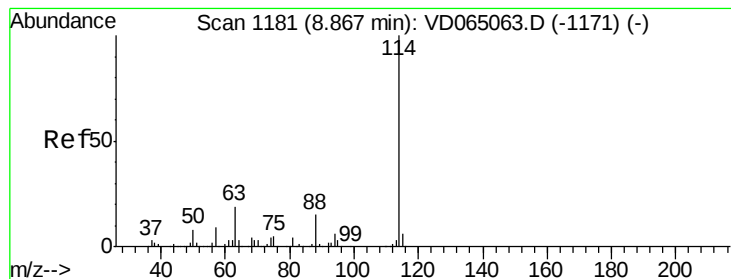
Tgt Ion: 65 Resp: 227358

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

Instrument :

MSVOA_D

ClientSampleId :

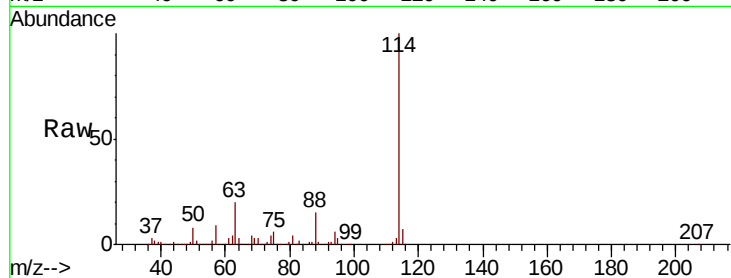
Tot Ion:114 Resp: 793481

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.8

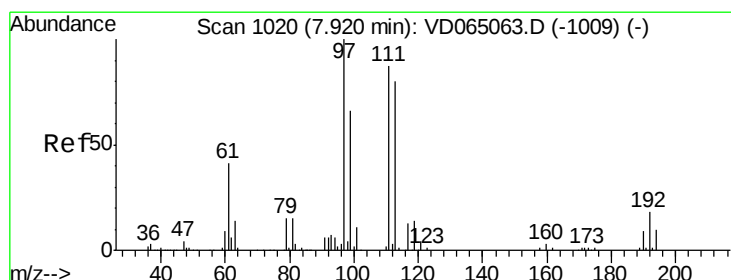
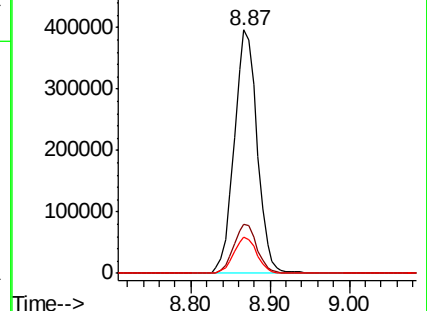
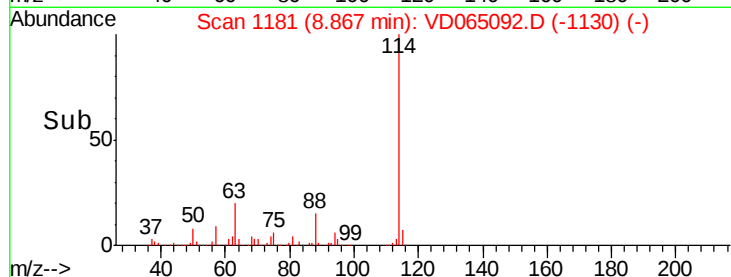
88 14.7 0.0 29.6



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: 54.861 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

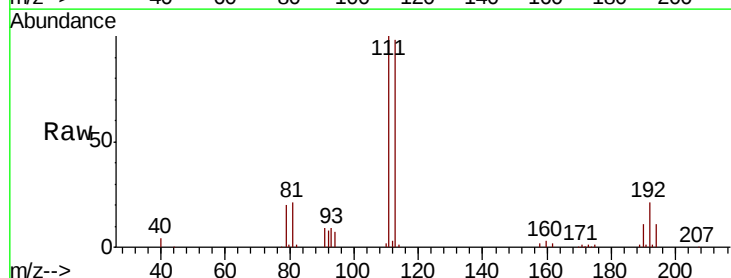
Tgt Ion:113 Resp: 242875

Ion Ratio Lower Upper

113 100

111 101.6 83.1 124.7

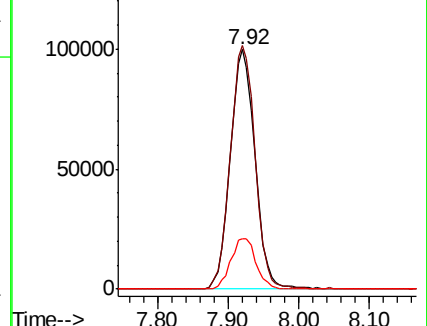
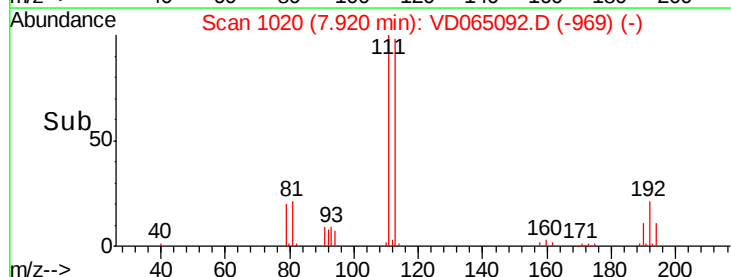
192 21.3 18.1 27.1

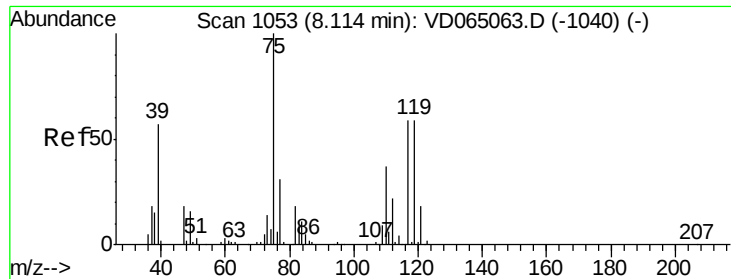


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

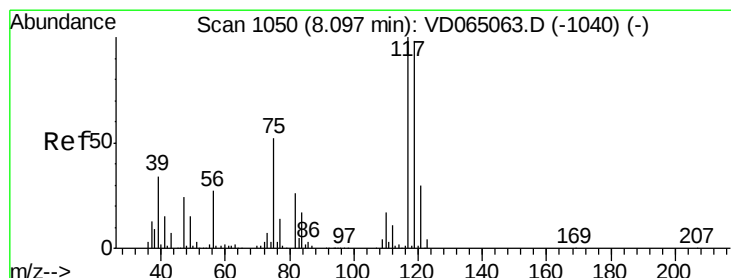
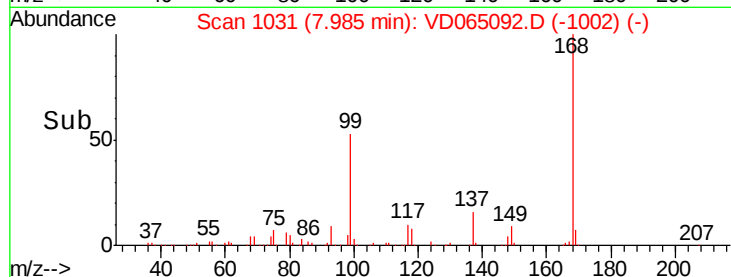
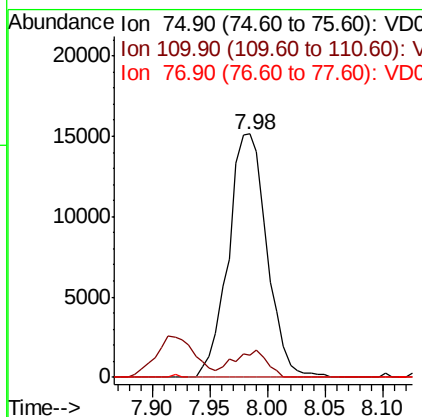
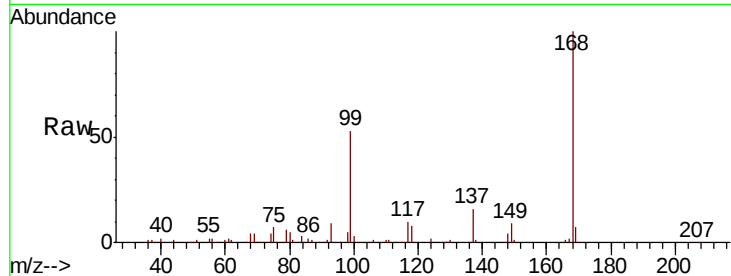




#36
 1,1-Dichloropropene
 Concen: 4.742 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.13 min
 Lab File: VD065092.D
 Acq: 06 Feb 2020 17:49

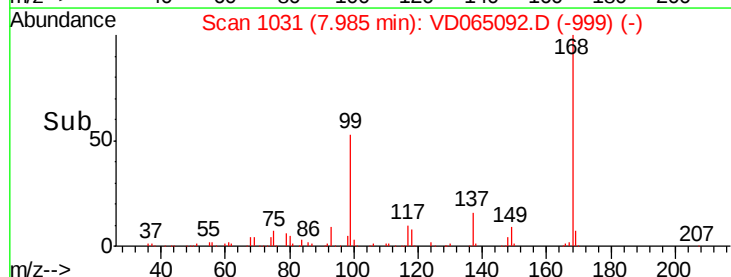
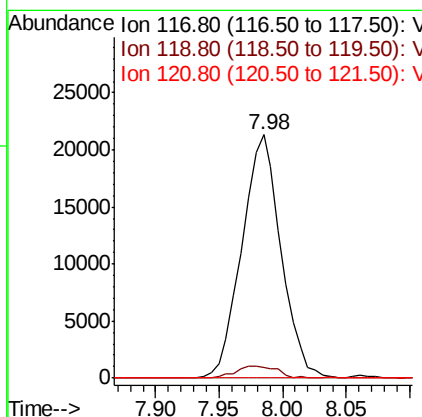
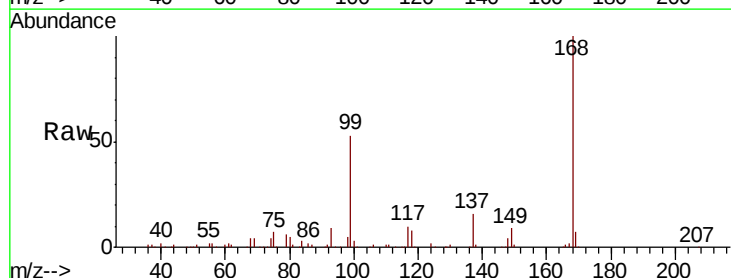
Instrument :
 MSVOA_D
 ClientSampled :

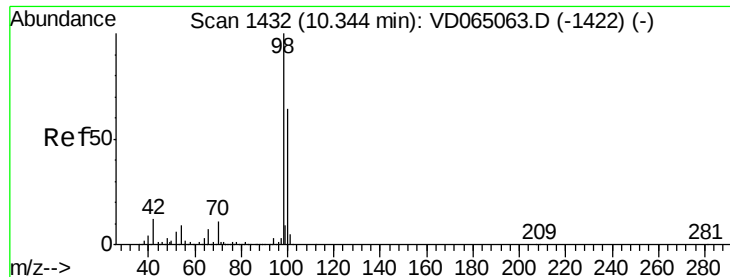
Tot Ion	75	Resp	34984
Ion Ratio	Lower	Upper	
75	100		
110	9.7	18.1	54.3#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.074 ug/l
 RT: 7.98 min Scan# 1031
 Delta R.T. -0.11 min
 Lab File: VD065092.D
 Acq: 06 Feb 2020 17:49

Tgt Ion	117	Resp	45773
Ion Ratio	Lower	Upper	
117	100		
119	4.6	78.5	117.7#
121	0.0	23.8	35.6#





#50

Toluene-d8

Concen: 55.294 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

Instrument :

MSVOA_D

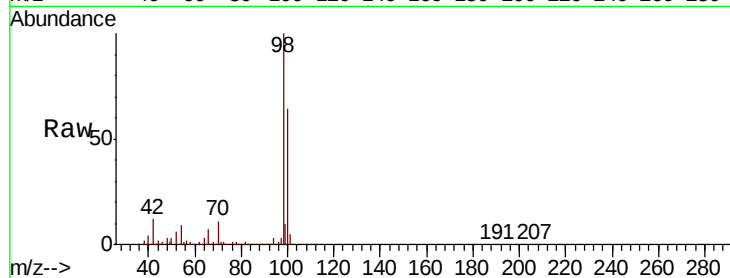
ClientSampleId :

Tot Ion: 98 Resp: 974349

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

600000

500000

400000

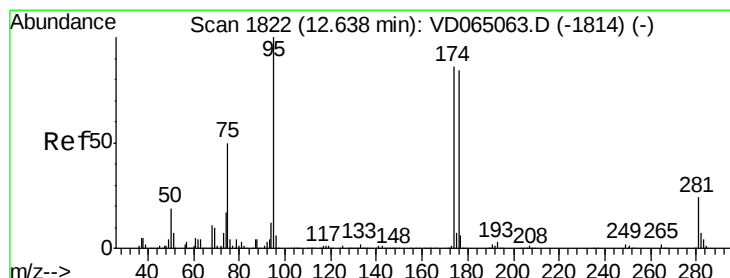
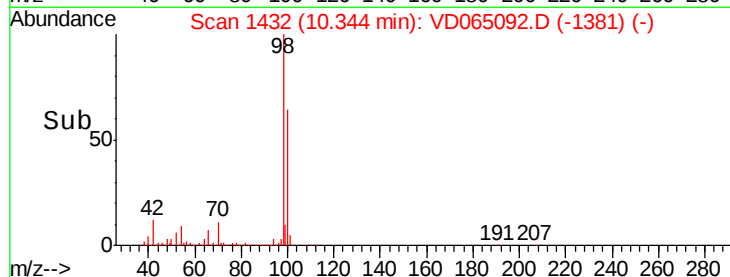
300000

200000

100000

0

Time--> 10.20 10.40



#62

4-Bromofluorobenzene

Concen: 56.640 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

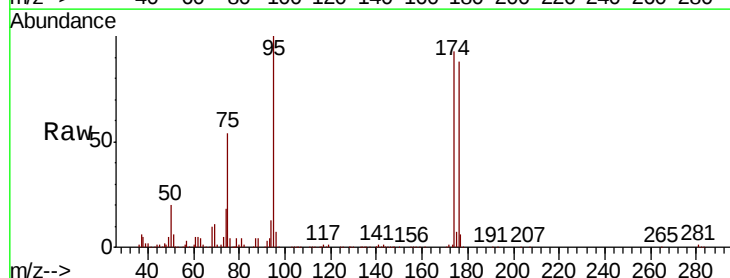
Tgt Ion: 95 Resp: 316251

Ion Ratio Lower Upper

95 100

174 91.5 0.0 180.0

176 88.9 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

250000

200000

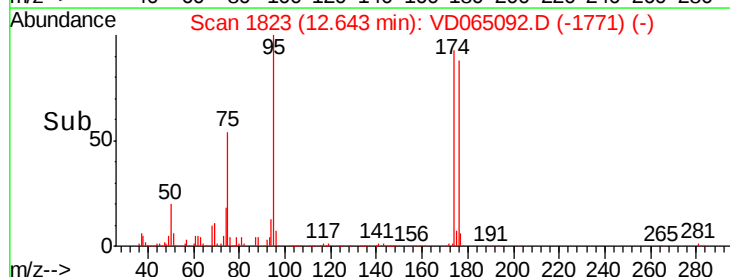
150000

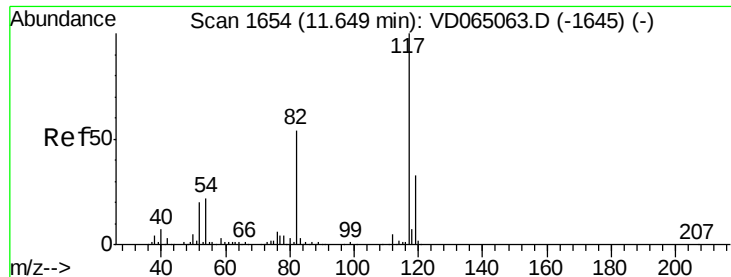
100000

50000

0

Time--> 12.60 12.70

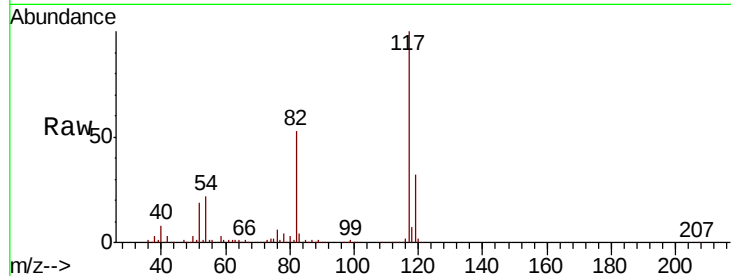




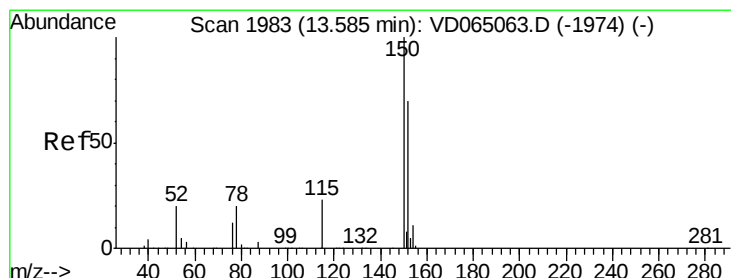
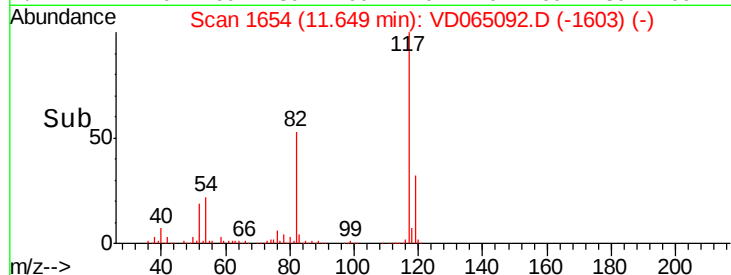
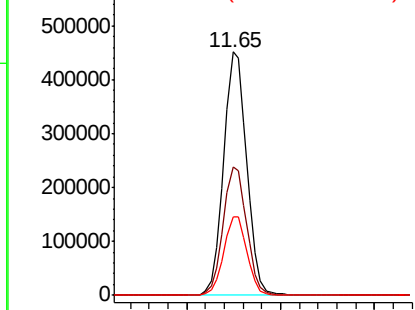
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065092.D
Acq: 06 Feb 2020 17:49

Instrument :
MSVOA_D
ClientSampleID :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.1	64.7
119	32.4	26.0	39.0

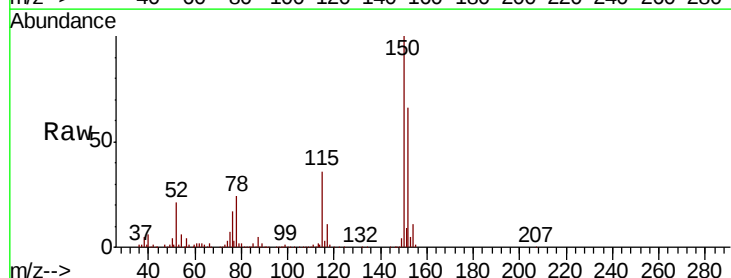


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

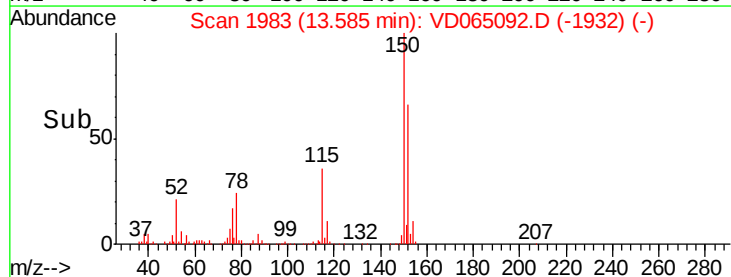
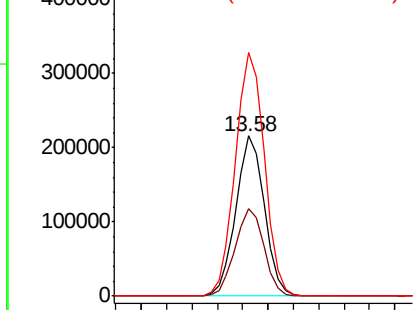


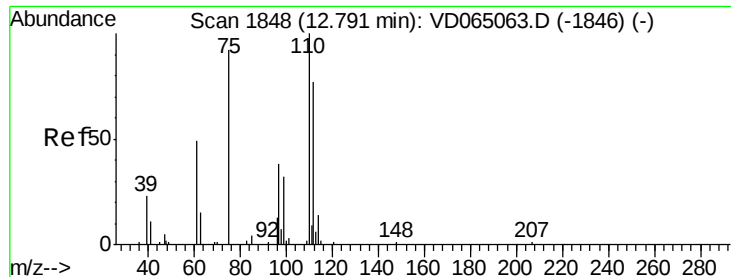
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065092.D
Acq: 06 Feb 2020 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.5	82.4
150	155.0	0.0	343.2



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





#76

1,2,3-Trichloropropane

Concen: 66.618 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. -0.15 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

Instrument :

MSVOA_D

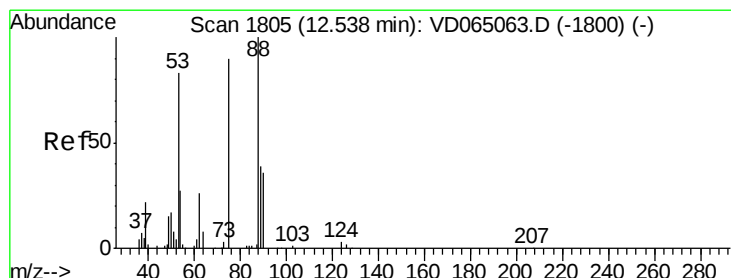
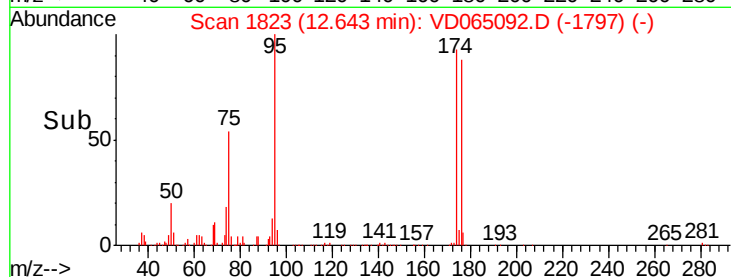
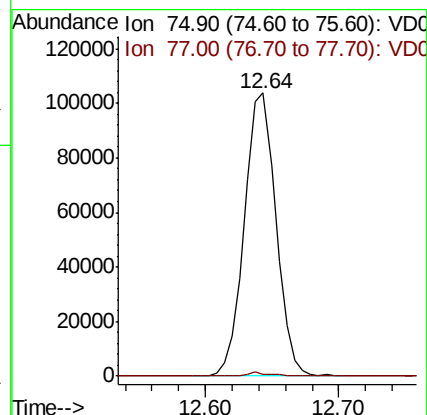
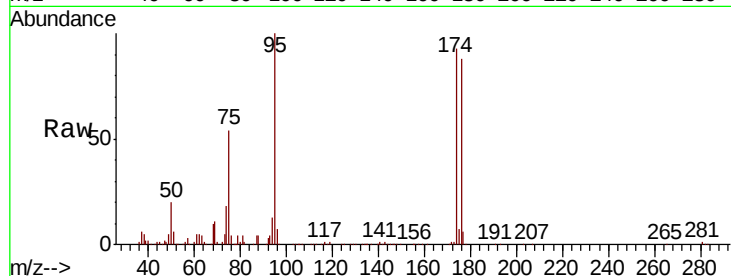
ClientSampleId :

Tot Ion: 75 Resp: 169341

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.231 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065092.D

Acq: 06 Feb 2020 17:49

Tgt Ion: 75 Resp: 169341

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.0 37.0 55.4#

