

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020620\
 Data File : VD065091.D
 Acq On : 06 Feb 2020 17:20
 Operator : VA/SY
 Sample : L1393-03RE
 Misc : 6.53G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 07 06:09:59 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

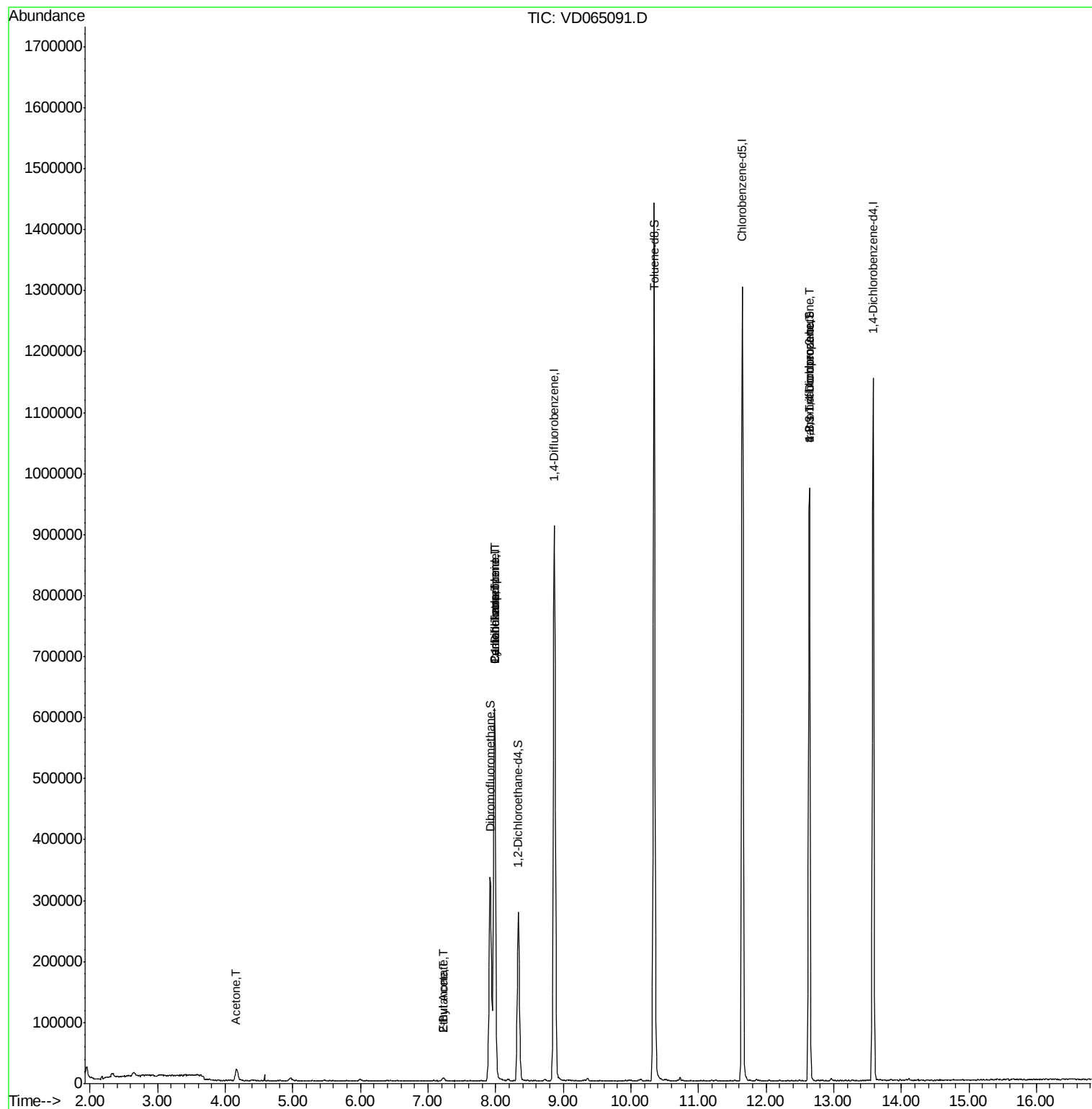
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	477372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	782733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	736730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	309098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	227430	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
35) Dibromofluoromethane	7.92	113	242800	55.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.20%	
50) Toluene-d8	10.34	98	953683	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
62) 4-Bromofluorobenzene	12.64	95	304838	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
Target Compounds						
16) Acetone	4.16	43	35531	35.027	ug/l	96
20) Methylene Chloride	4.96	84	2925	Below Cal		95
25) 2-Butanone	7.23	43	7097	5.865	ug/l	91
31) Cyclohexane	7.98	56	10103	1.252	ug/l #	1
36) 1,1-Dichloropropene	7.98	75	34482	4.738	ug/l #	49
37) Ethyl Acetate	7.23	43	7097	2.387	ug/l #	69
38) Carbon Tetrachloride	7.98	117	45990	6.187	ug/l #	16
76) 1,2,3-Trichloropropane	12.64	75	157992	67.512	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	157992	135.019	ug/l #	10

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

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ClientSampleId :

Quant Time: Feb 07 06:09:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D020520S.M
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: VD065091.D

Acq: 06 Feb 2020 17:20

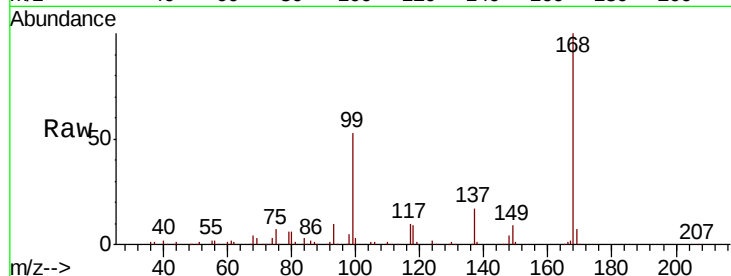
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 477372

Ion Ratio Lower Upper

168 100

99 53.4 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

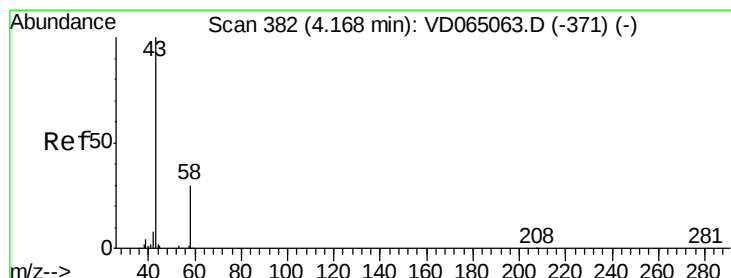
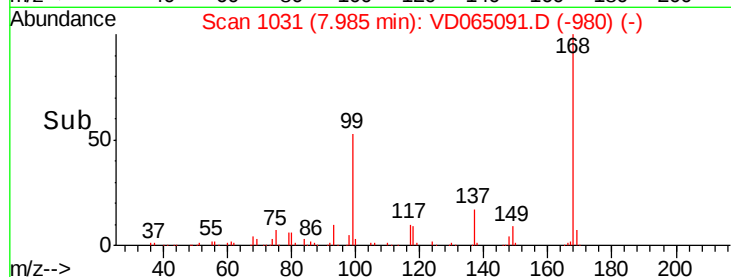
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 35.027 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD065091.D

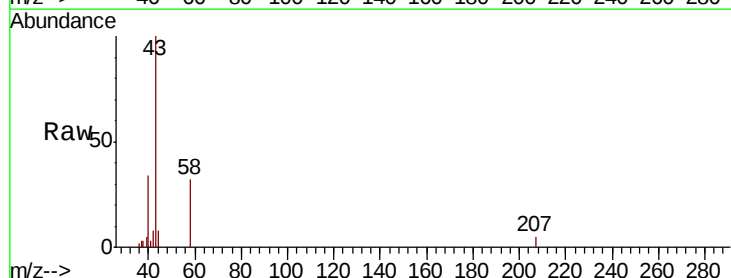
Acq: 06 Feb 2020 17:20

Tgt Ion: 43 Resp: 35531

Ion Ratio Lower Upper

43 100

58 31.6 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

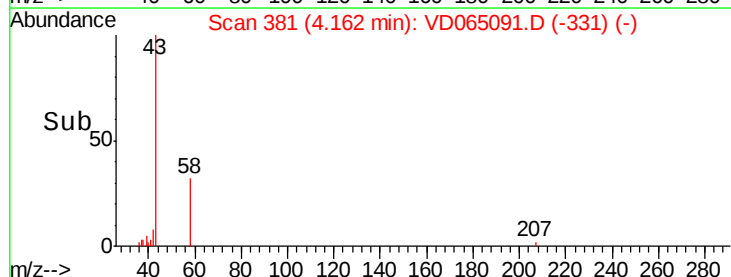
10000

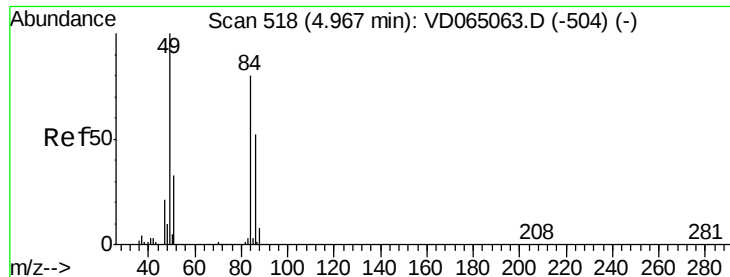
5000

0

Time-->

4.10 4.20

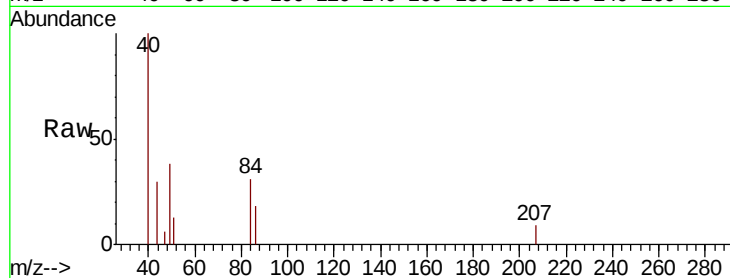




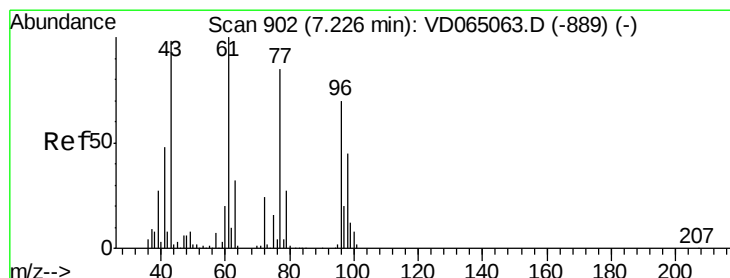
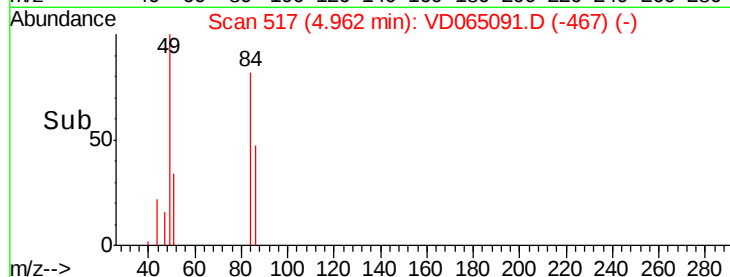
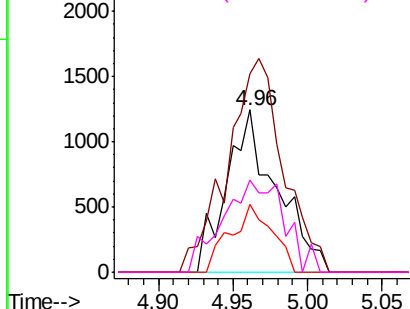
#20
Methvlene Chloride
Concen: Below Cal
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 2925
Ion Ratio Lower Upper
84 100
49 122.2 100.4 150.6
51 41.6 32.7 49.1
86 56.9 52.4 78.6

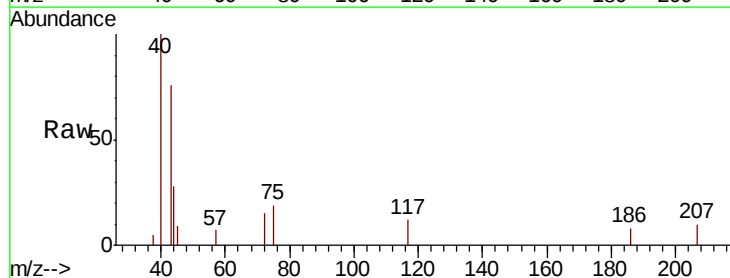


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

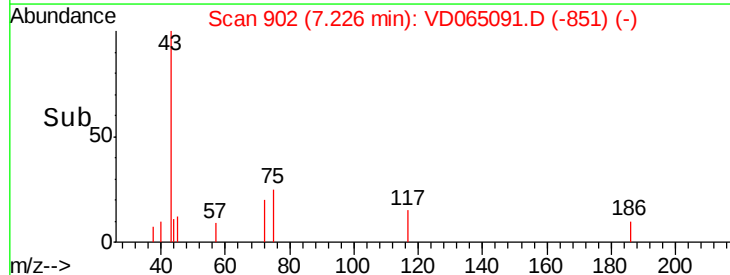
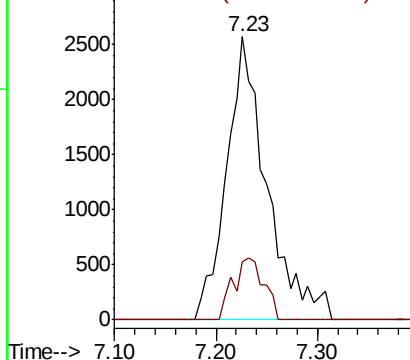


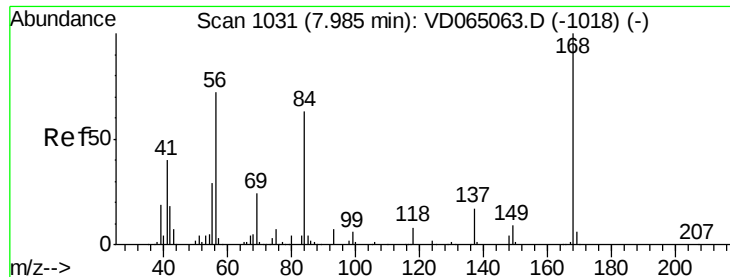
#25
2-Butanone
Concen: 5.865 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Tgt Ion: 43 Resp: 7097
Ion Ratio Lower Upper
43 100
72 20.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC

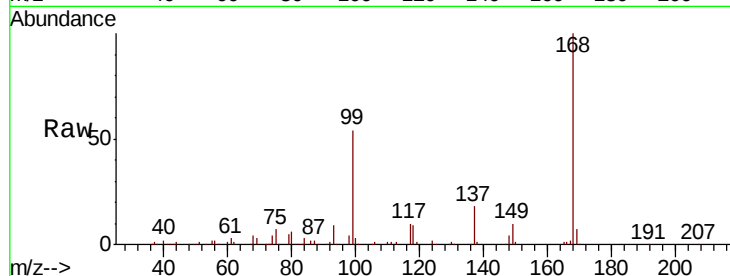




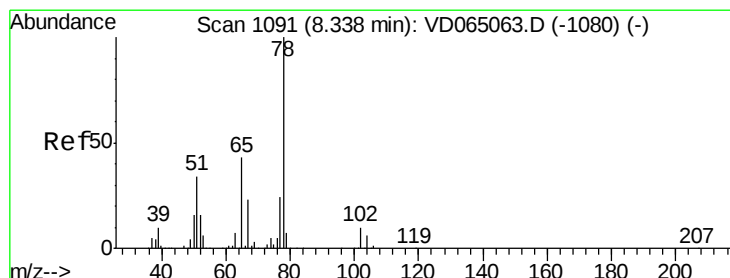
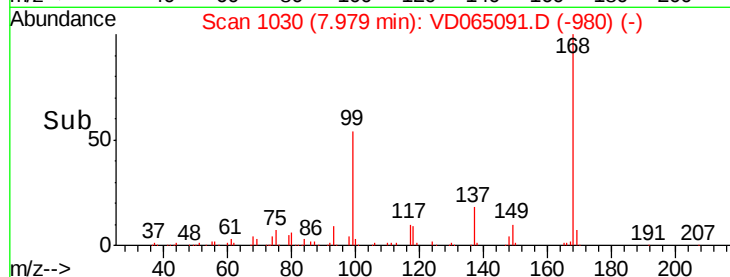
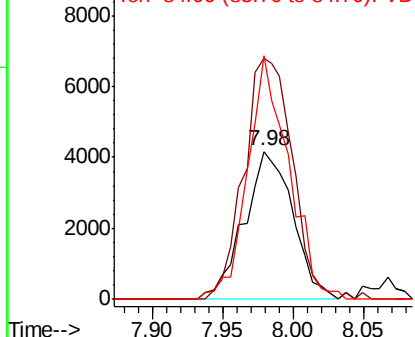
#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 10103
Ion Ratio Lower Upper
56 100
69 163.0 26.6 40.0#
84 164.2 70.6 106.0#

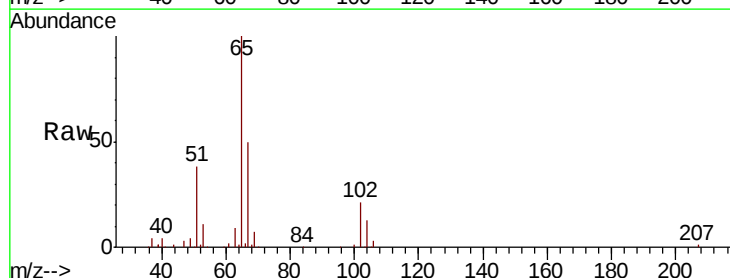


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

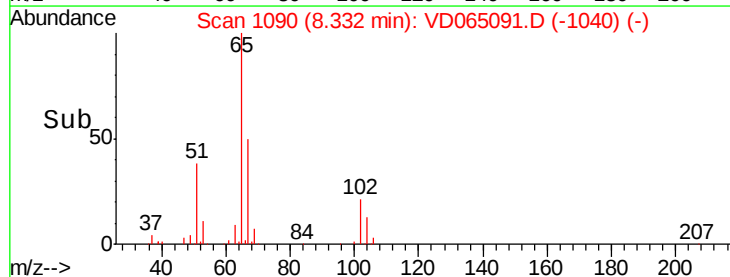
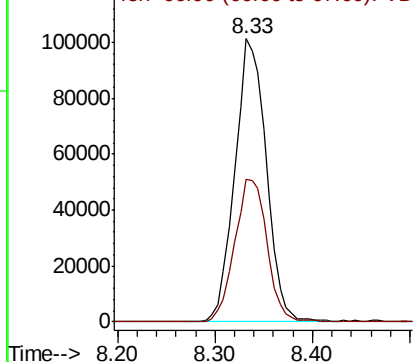


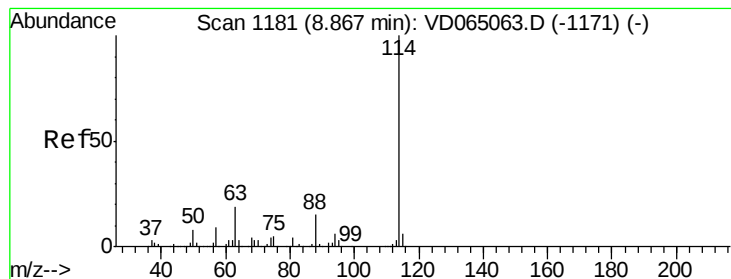
#33
1,2-Dichloroethane-d4
Concen: 56.055 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Tgt Ion: 65 Resp: 227430
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.8



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: VD065091.D

Acq: 06 Feb 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

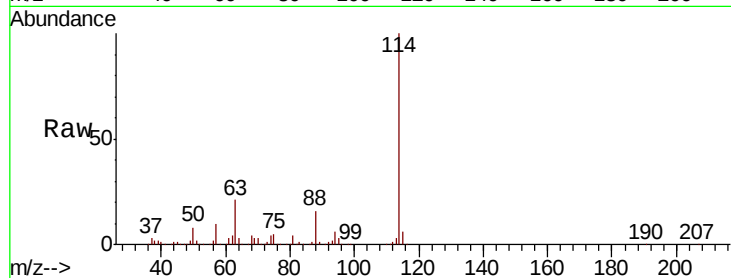
Tot Ion:114 Resp: 782733

Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.8

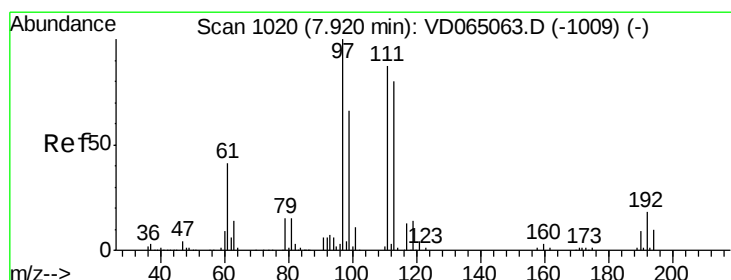
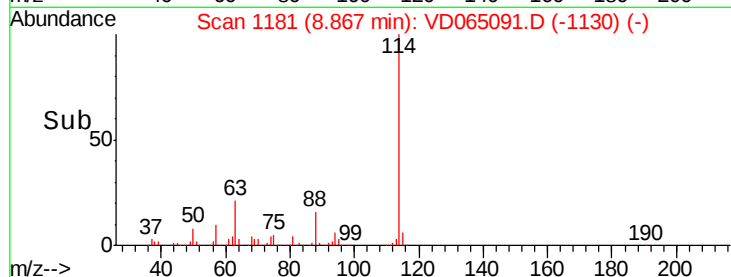
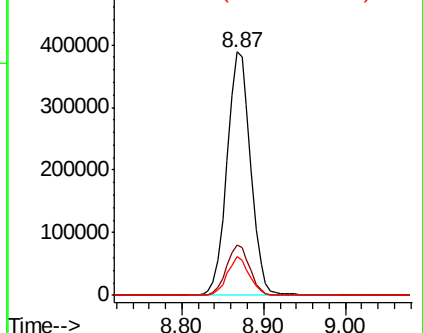
88 16.0 0.0 29.6



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: 55.597 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065091.D

Acq: 06 Feb 2020 17:20

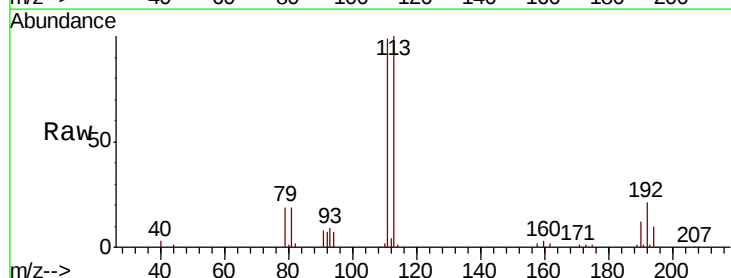
Tgt Ion:113 Resp: 242800

Ion Ratio Lower Upper

113 100

111 102.1 83.1 124.7

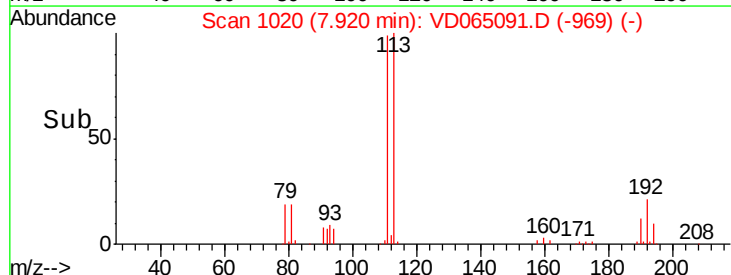
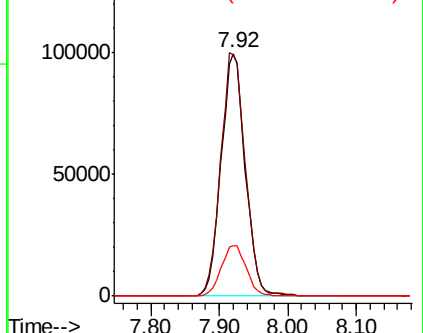
192 21.4 18.1 27.1

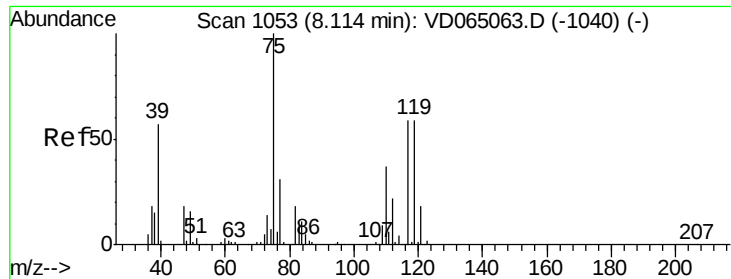


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

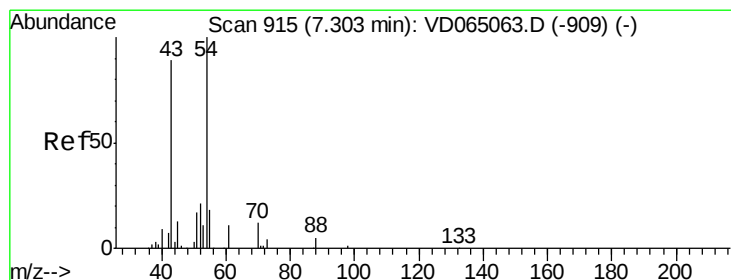
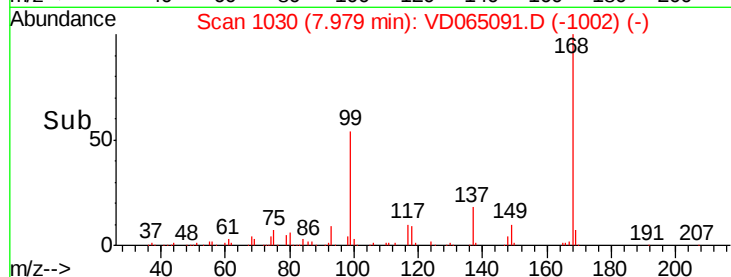
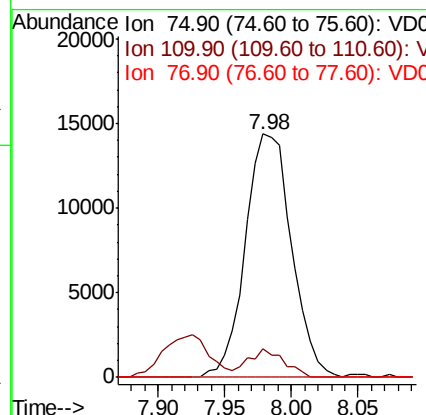
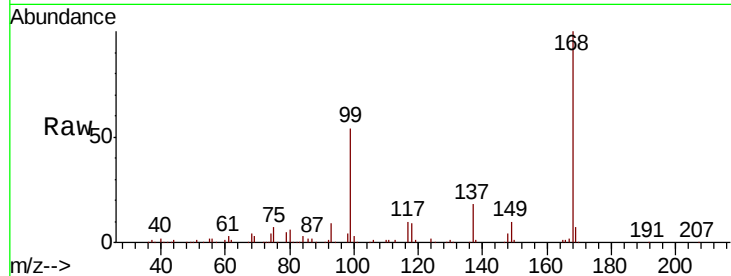




#36
 1,1-Dichloropropene
 Concen: 4.738 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065091.D
 Acq: 06 Feb 2020 17:20

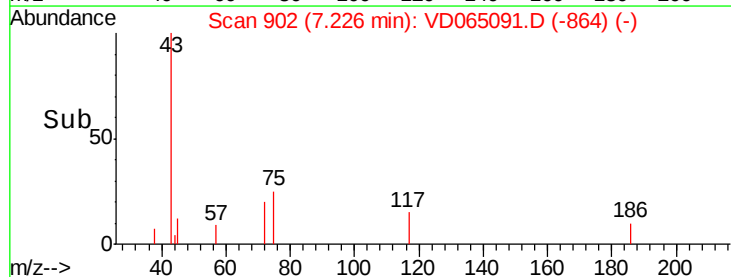
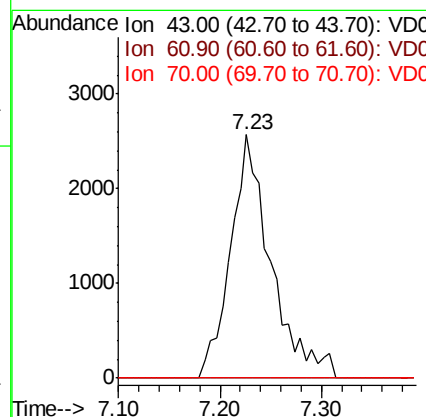
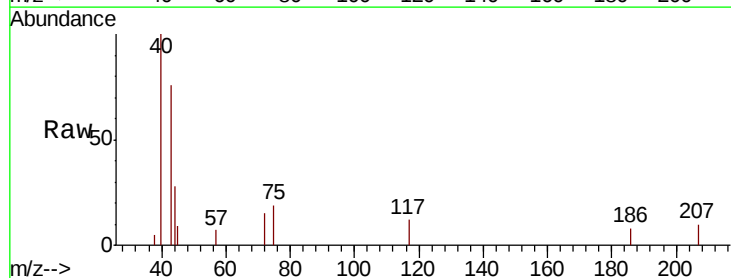
Instrument :
 MSVOA_D
 ClientSampleId :

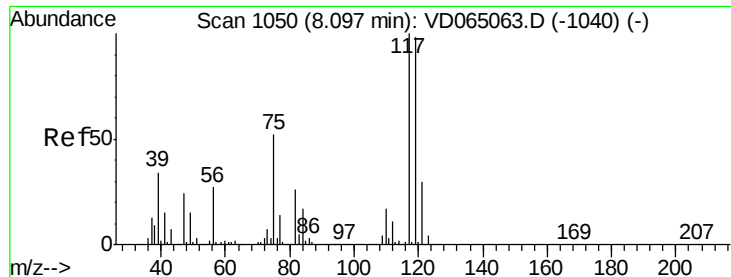
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 2.387 ug/l
 RT: 7.23 min Scan# 902
 Delta R.T. -0.08 min
 Lab File: VD065091.D
 Acq: 06 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	0.0	8.2	12.2#

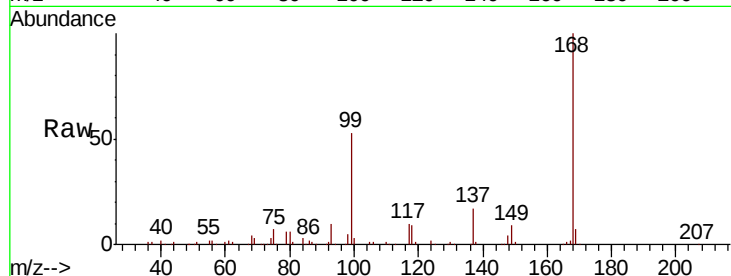




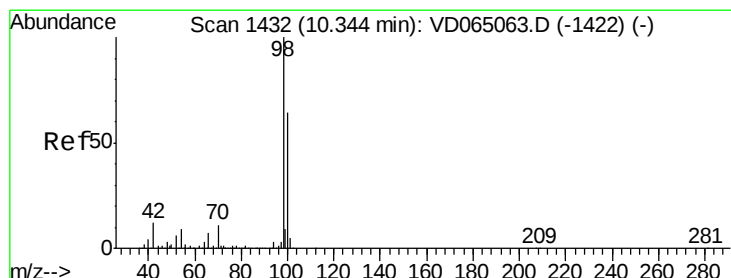
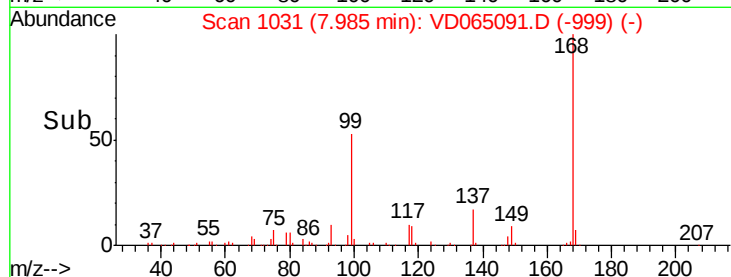
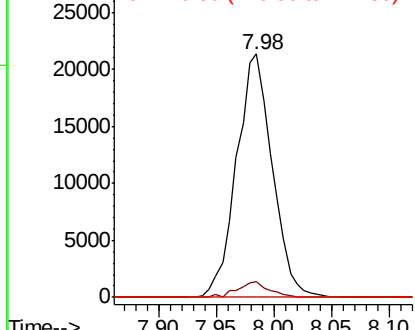
#38
Carbon Tetrachloride
Concen: 6.187 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 45990
Ion Ratio Lower Upper
117 100
119 6.4 78.5 117.7#
121 0.0 23.8 35.6#

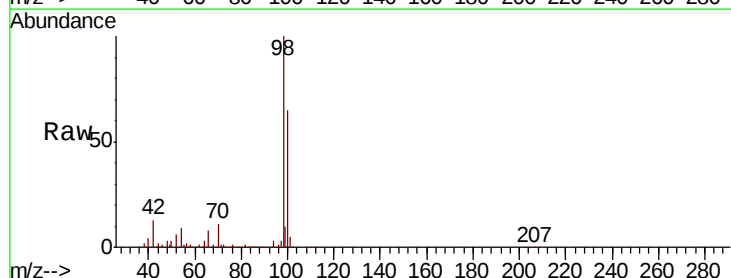


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

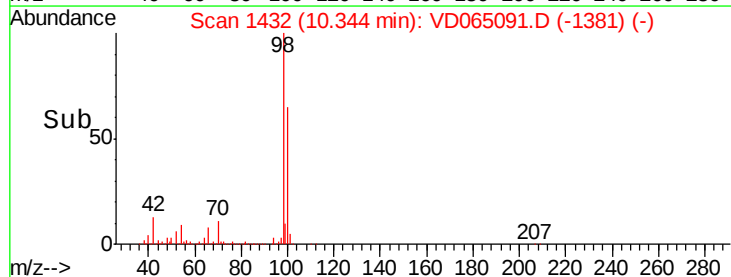
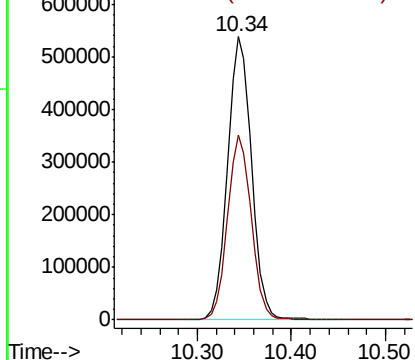


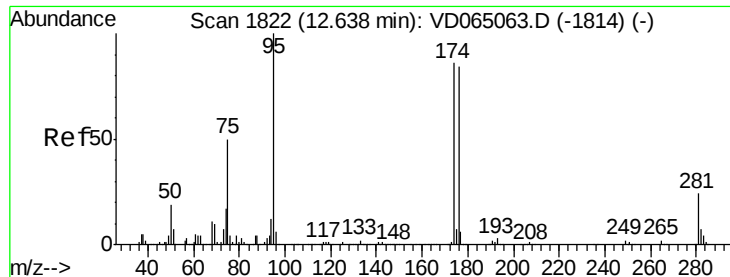
#50
Toluene-d8
Concen: 54.864 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Tgt Ion: 98 Resp: 953683
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



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





#62

4-Bromofluorobenzene

Concen: 55.346 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD065091.D

Acq: 06 Feb 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

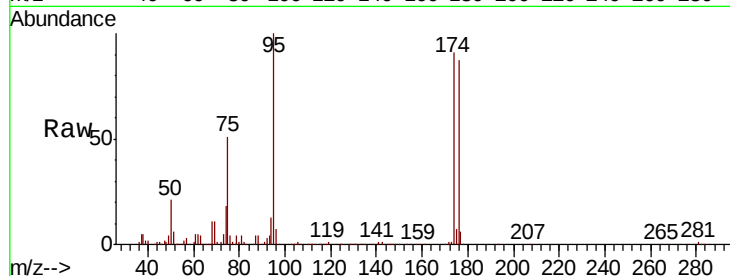
Tot Ion: 95 Resp: 304838

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.0

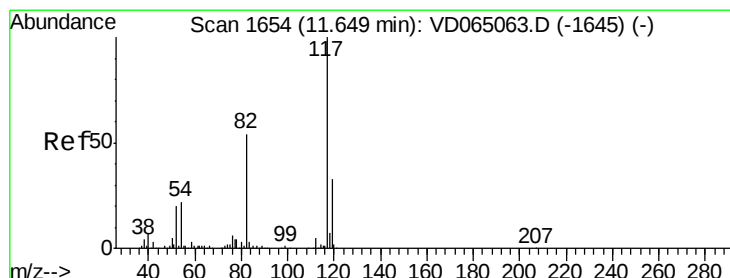
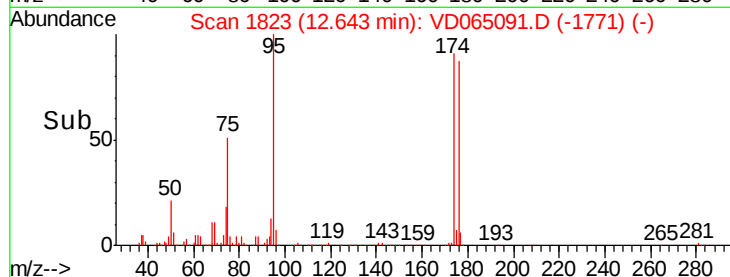
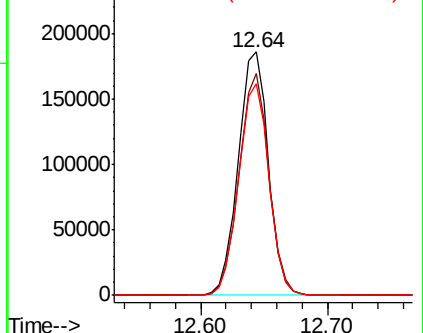
176 87.6 0.0 173.2



Abundance Ion 94.90 (94.60 to 95.60): VD065091.D (-1771) (-)

Ion 173.80 (173.50 to 174.50): VD065091.D (-1771) (-)

Ion 175.80 (175.50 to 176.50): VD065091.D (-1771) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VD065091.D

Acq: 06 Feb 2020 17:20

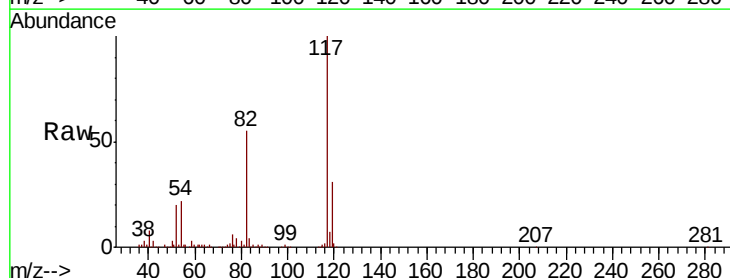
Tgt Ion: 117 Resp: 736730

Ion Ratio Lower Upper

117 100

82 55.3 43.1 64.7

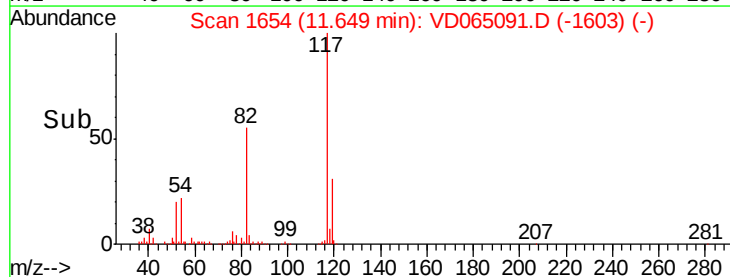
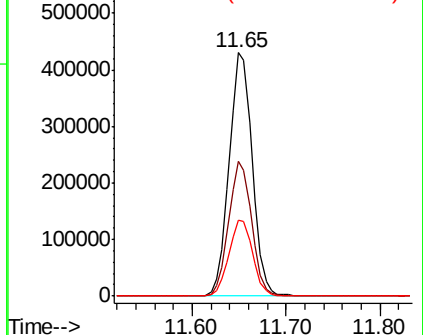
119 31.2 26.0 39.0

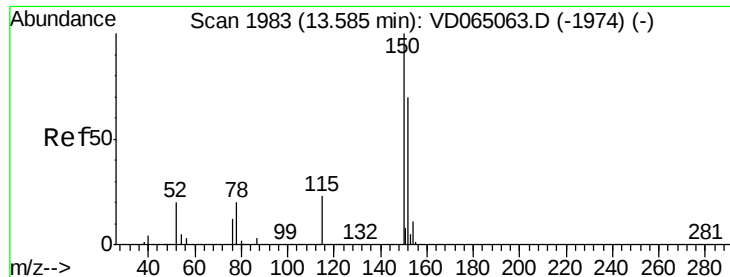


Abundance Ion 116.90 (116.60 to 117.60): VD065091.D (-1603) (-)

Ion 82.00 (81.70 to 82.70): VD065091.D (-1603) (-)

Ion 118.90 (118.60 to 119.60): VD065091.D (-1603) (-)



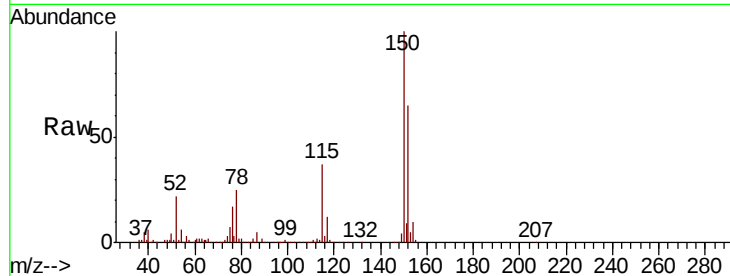


#72

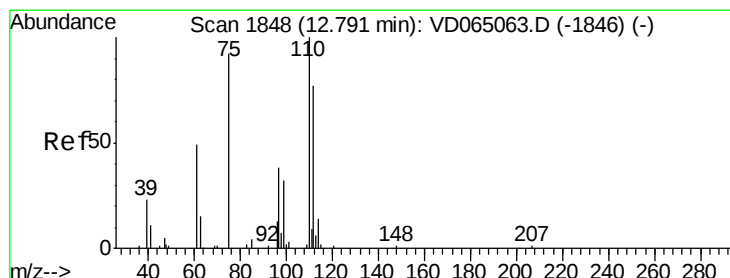
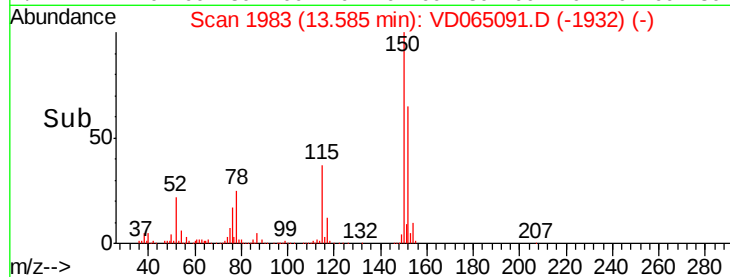
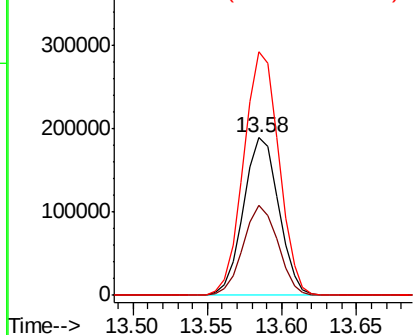
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.5	82.4
150	154.9	0.0	343.2



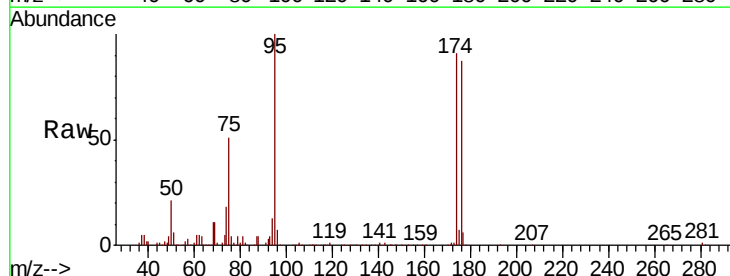
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



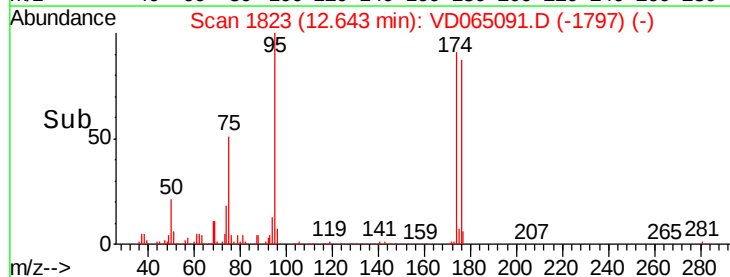
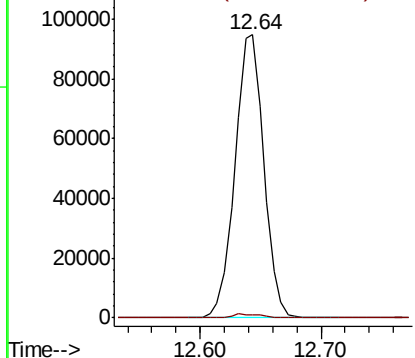
#76

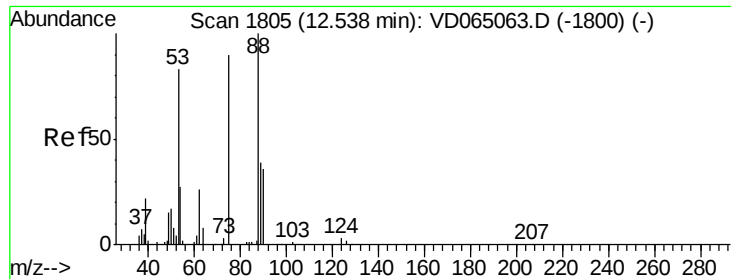
1,2,3-Trichloropropane
Concen: 67.512 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. -0.15 min
Lab File: VD065091.D
Acq: 06 Feb 2020 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 135.019 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.11 min

Lab File: VD065091.D

Acq: 06 Feb 2020 17:20

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 75 Resp: 157992

Ion Ratio Lower Upper

75 100

53 0.1 78.5 117.7#

89 0.1 37.0 55.4#

