

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071620\
 Data File : VD065964.D
 Acq On : 16 Jul 2020 18:29
 Operator : VA/SY
 Sample : L3308-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Quant Time: Jul 17 03:40:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

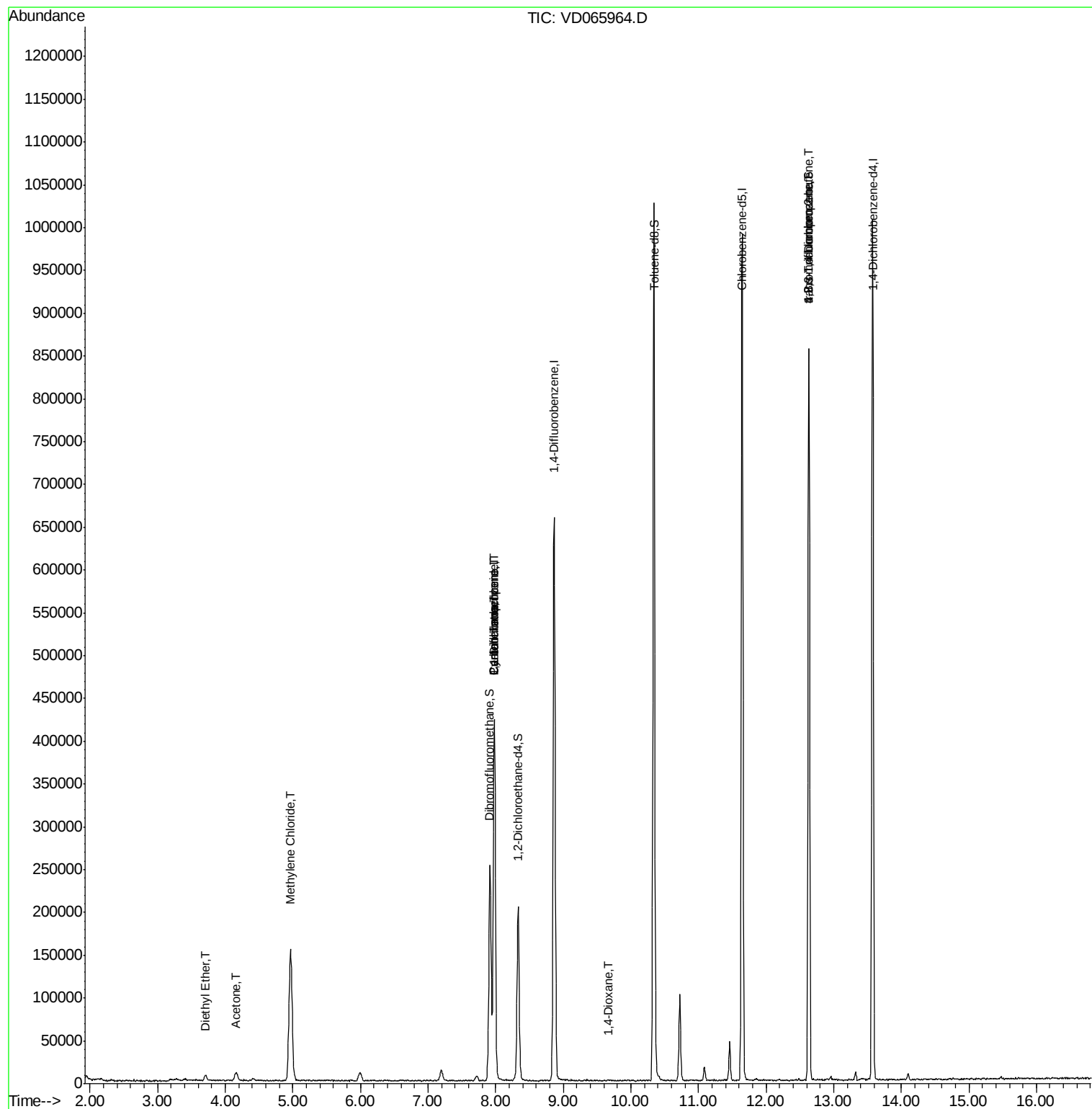
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	595391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	590375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	283810	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	154640	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
35) Dibromofluoromethane	7.91	113	185830	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.34	98	709710	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.63	95	266599	57.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.86%	
Target Compounds						
8) Diethyl Ether	3.71	74	3540	2.181	ug/l	98
11) Tert butyl alcohol	5.23	59	77	Below Cal	#	71
16) Acetone	4.16	43	18162	25.638	ug/l	94
20) Methylene Chloride	4.97	84	120979	26.985	ug/l	97
31) Cyclohexane	7.98	56	6570	1.064	ug/l #	13
36) 1,1-Dichloropropene	7.98	75	22091	3.757	ug/l #	49
38) Carbon Tetrachloride	7.98	117	30836	4.892	ug/l #	17
49) 1,4-Dioxane	9.67	88	112	4.490	ug/l #	32
76) 1,2,3-Trichloropropane	12.63	75	125738	52.814	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	125738	113.481	ug/l #	11

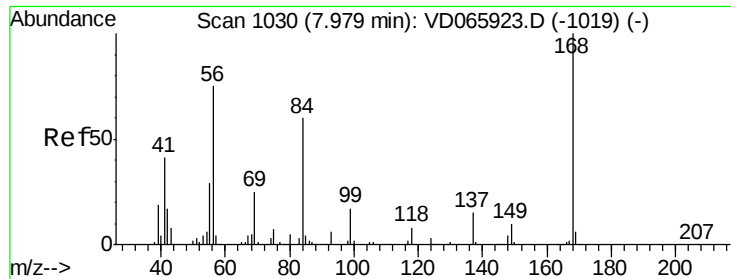
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071620\
Data File : VD065964.D
Acq On : 16 Jul 2020 18:29
Operator : VA/SY
Sample : L3308-04
Misc : 5.02G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
4

Quant Time: Jul 17 03:40:05 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

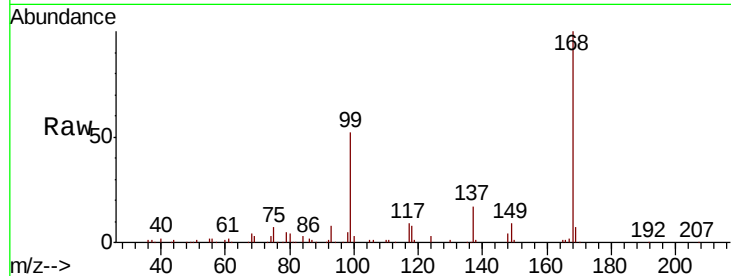
Instrument :
MSVOA_D
ClientSampled :
4

Tot Ion:168 Resp: 341079

Ion Ratio Lower Upper

168 100

99 52.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

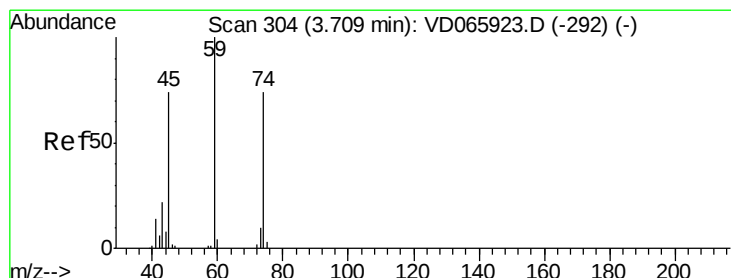
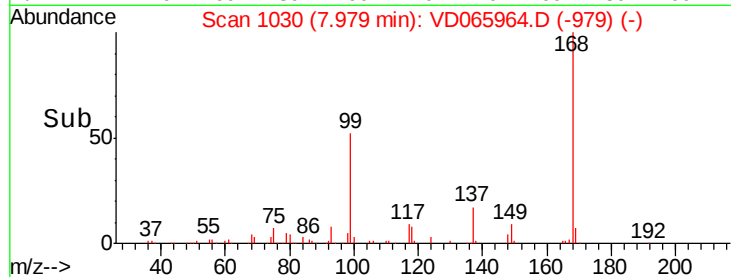
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.181 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD065964.D

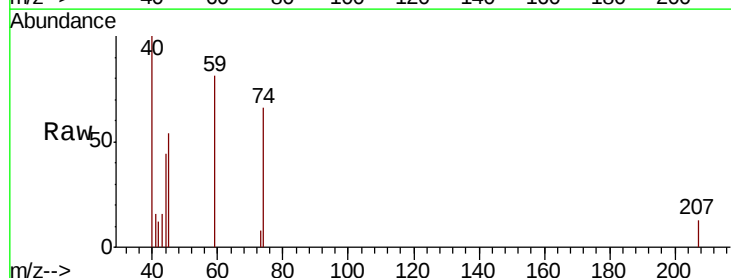
Acq: 16 Jul 2020 18:29

Tgt Ion: 74 Resp: 3540

Ion Ratio Lower Upper

74 100

45 104.1 51.1 153.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

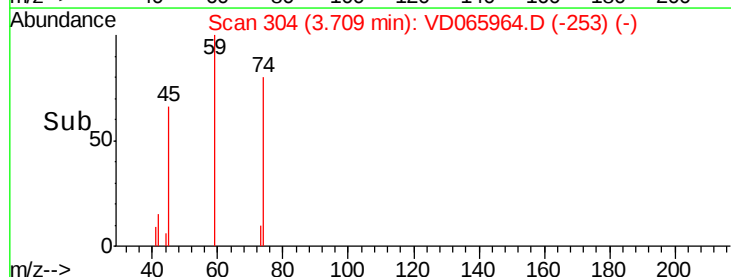
1500

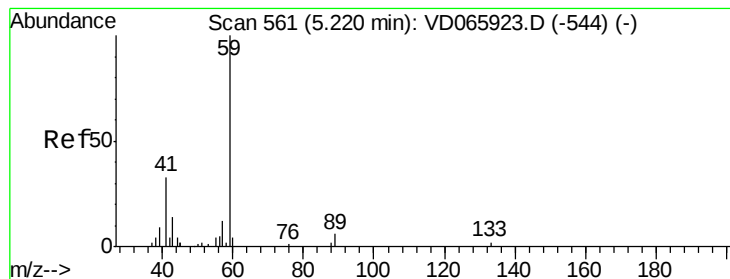
1000

500

0

Time-->



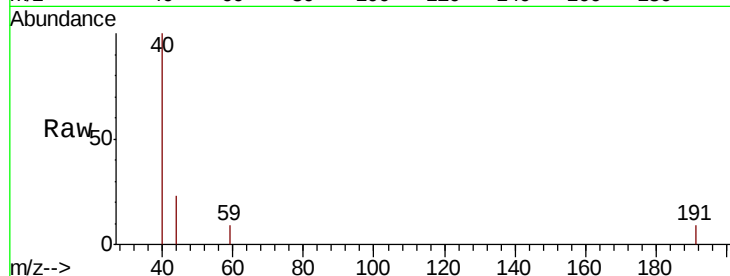


#11

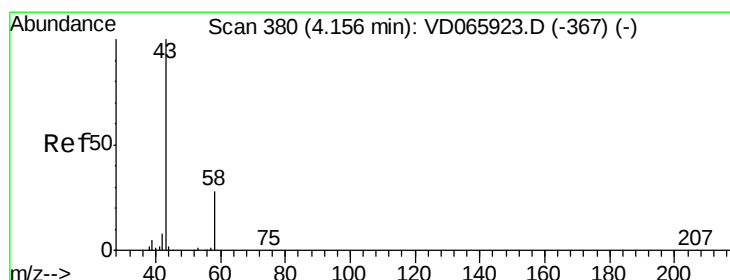
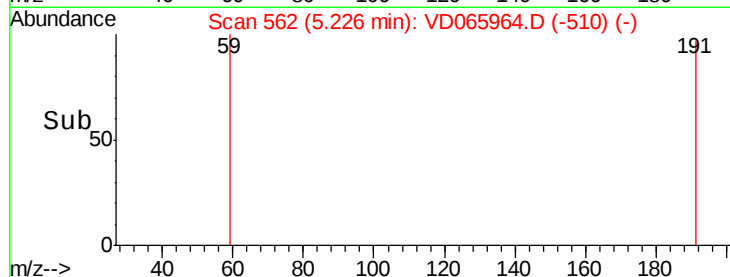
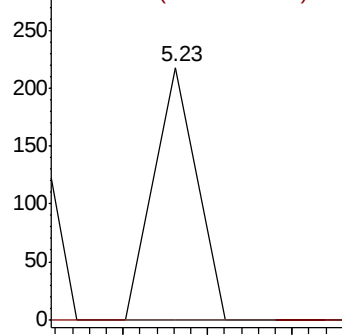
Tert butyl alcohol
 Concen: Below Cal
 RT: 5.23 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Tot Ion: 59 Resp: 77
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



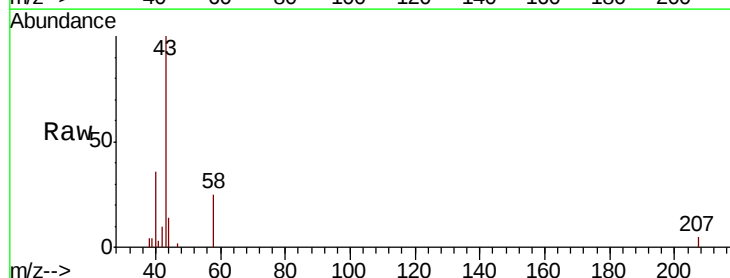
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



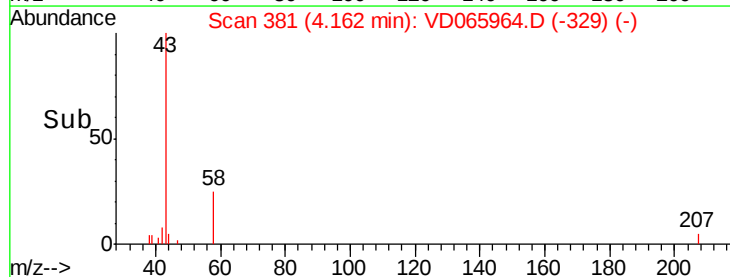
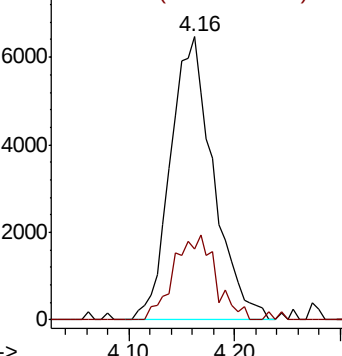
#16

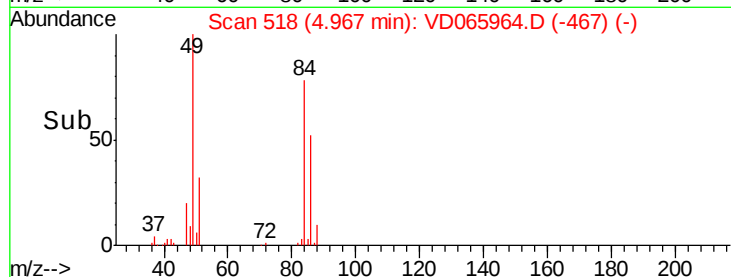
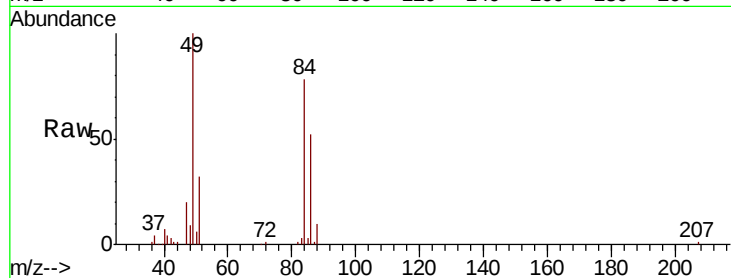
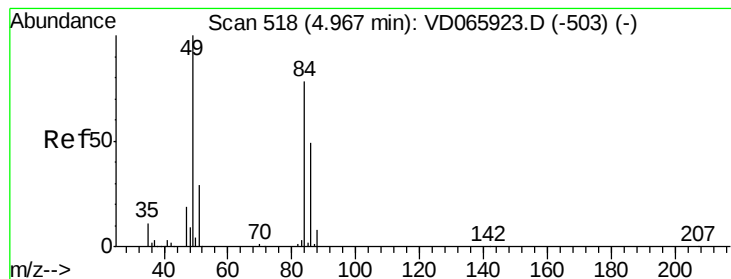
Acetone
 Concen: 25.638 ug/l
 RT: 4.16 min Scan# 381
 Delta R.T. 0.01 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Tgt Ion: 43 Resp: 18162
 Ion Ratio Lower Upper
 43 100
 58 25.0 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC





#20

Methylene Chloride

Concen: 26.985 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

4

Tot Ion: 84 Resp: 120979

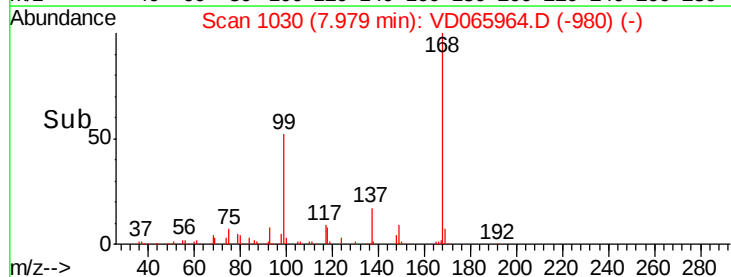
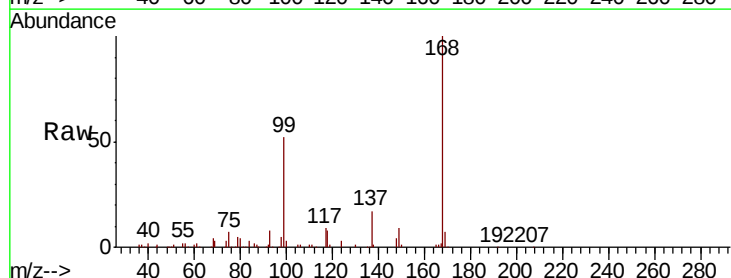
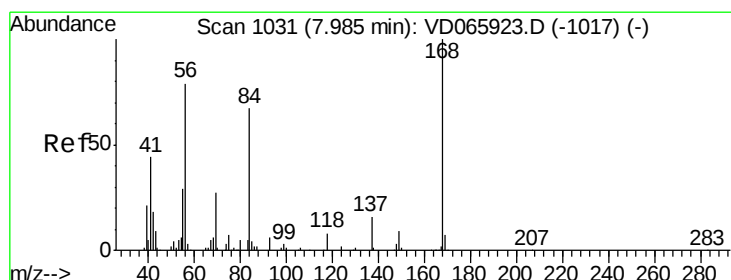
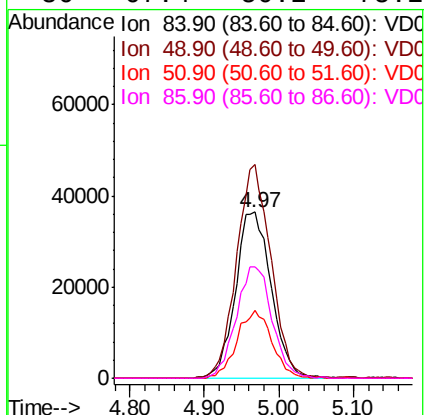
Ion Ratio Lower Upper

84 100

49 128.7 102.2 153.2

51 40.6 29.8 44.6

86 67.4 50.2 75.2



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

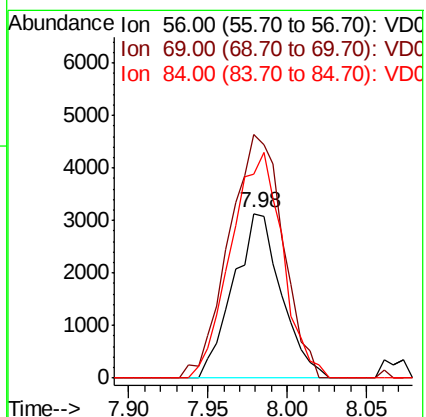
Tgt Ion: 56 Resp: 6570

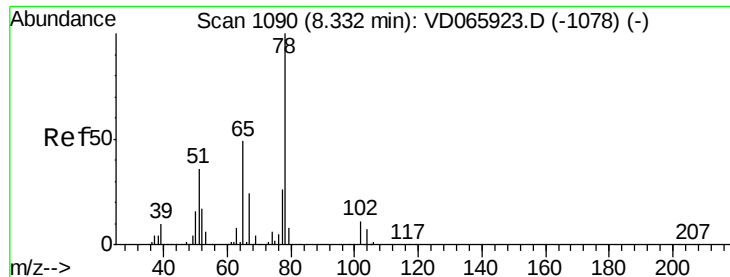
Ion Ratio Lower Upper

56 100

69 148.1 27.4 41.0#

84 124.4 68.6 102.8#

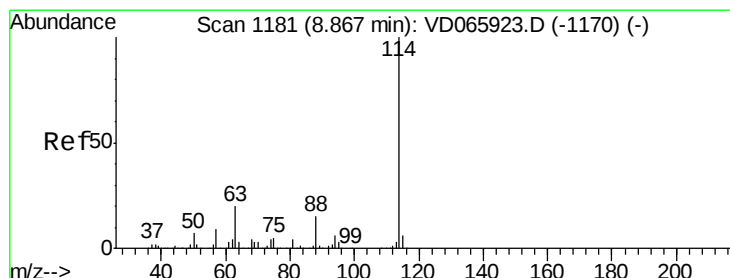
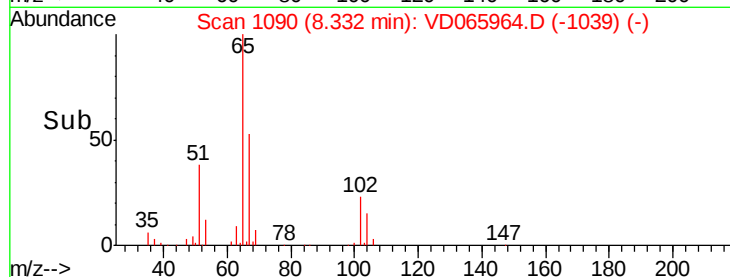
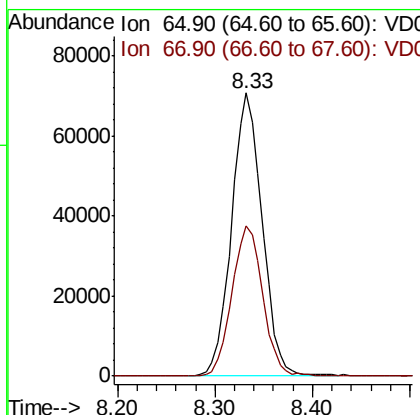
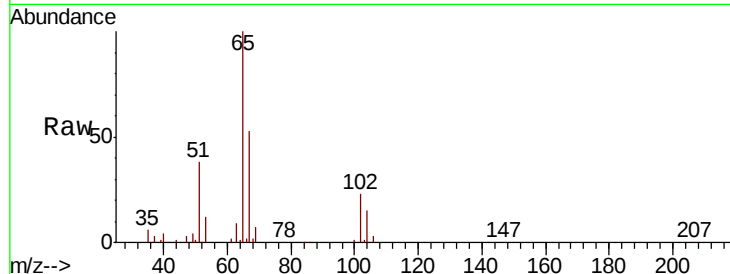




#33
 1,2-Dichloroethane-d4
 Concen: 51.159 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

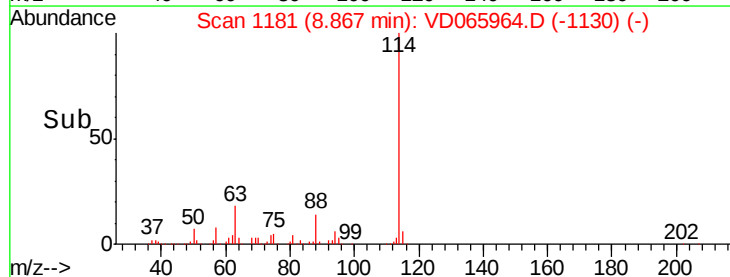
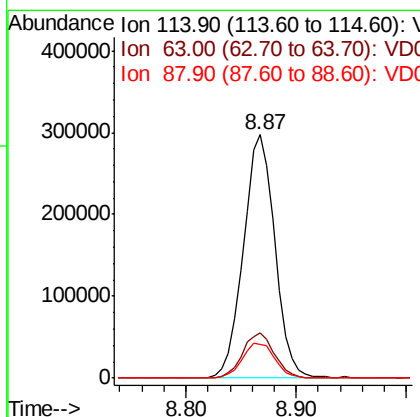
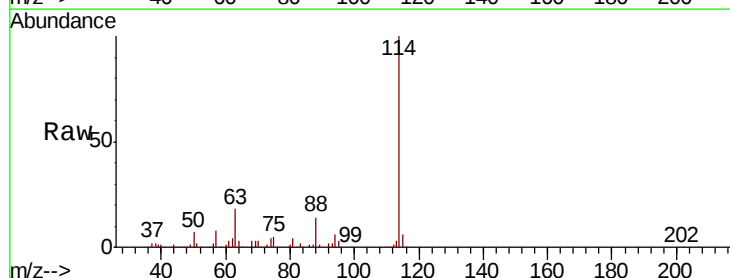
Instrument :
 MSVOA_D
 ClientSampleId :
 4

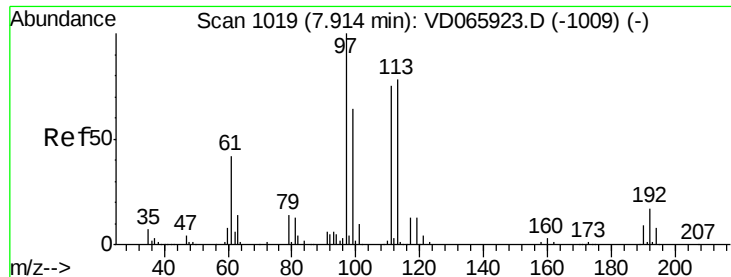
Tot Ion: 65 Resp: 154640
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Tgt Ion: 114 Resp: 595391
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.1 0.0 30.0

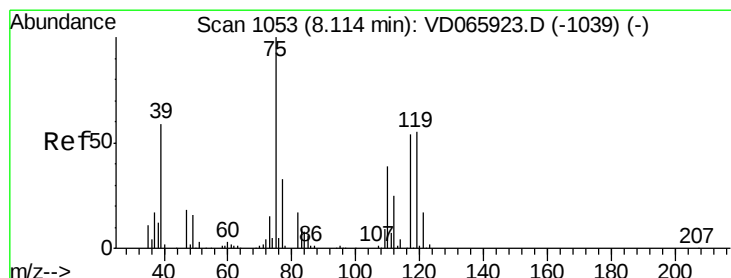
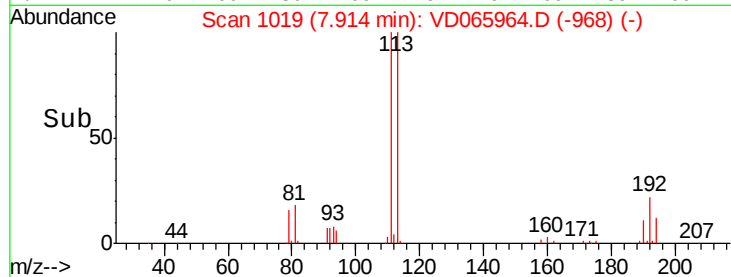
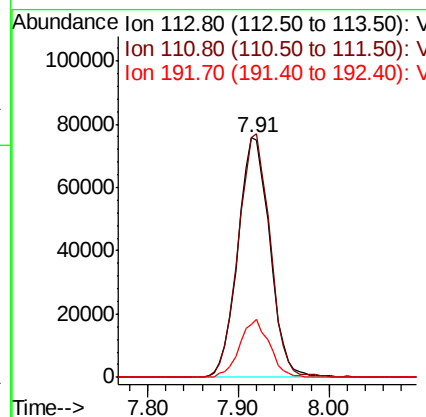
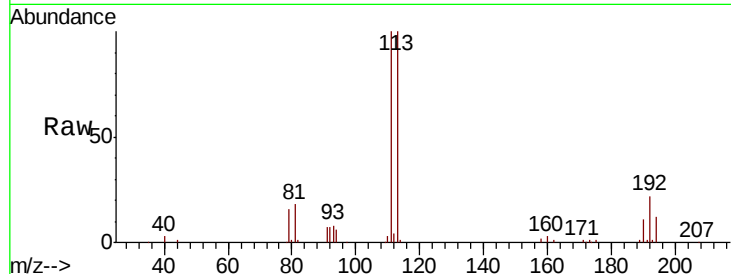




#35
 Dibromofluoromethane
 Concen: 50.595 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

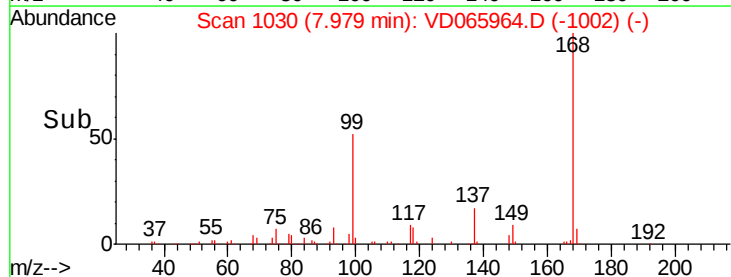
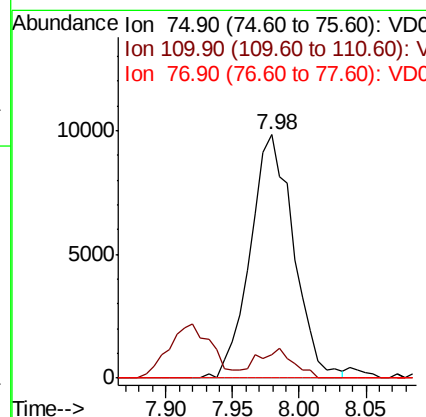
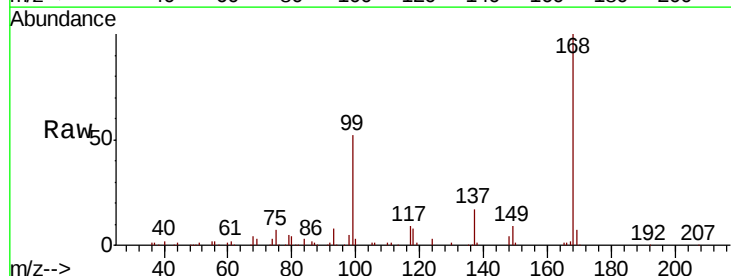
Instrument :
 MSVOA_D
 ClientSampled :
 4

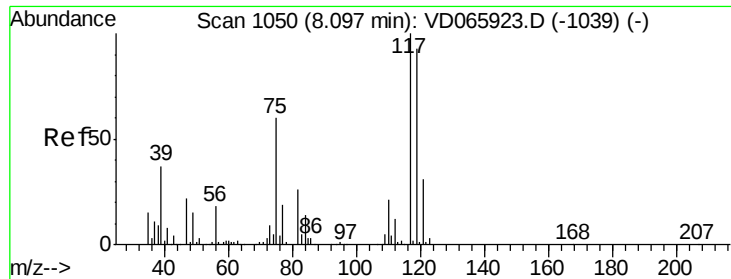
Tot Ion:113 Resp: 185830
 Ion Ratio Lower Upper
 113 100
 111 100.8 80.9 121.3
 192 22.5 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 3.757 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Tgt Ion: 75 Resp: 22091
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.5 55.5#
 77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 4.892 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampleId :

4

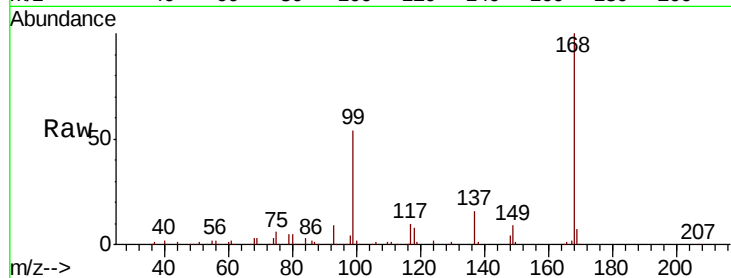
Tot Ion:117 Resp: 30836

Ion Ratio Lower Upper

117 100

119 5.3 74.7 112.1#

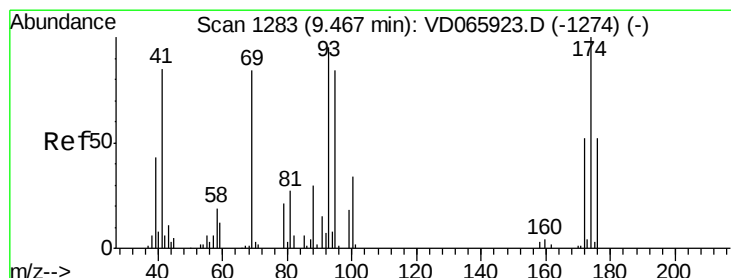
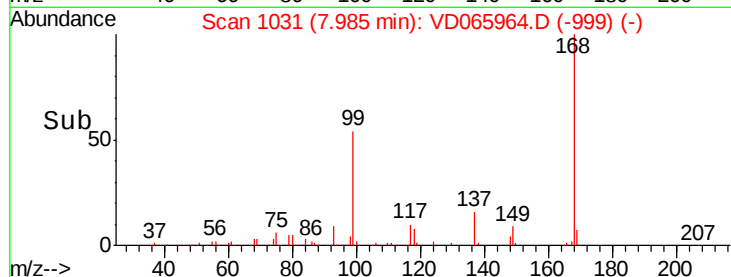
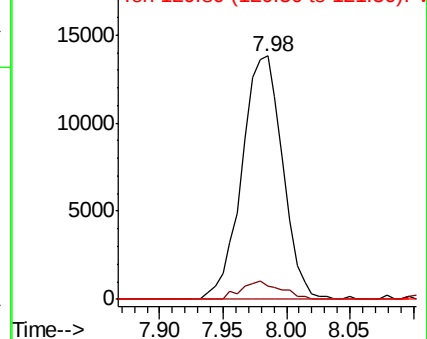
121 0.0 24.9 37.3#



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



#49

1,4-Dioxane

Concen: 4.490 ug/l

RT: 9.67 min Scan# 1318

Delta R.T. 0.21 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

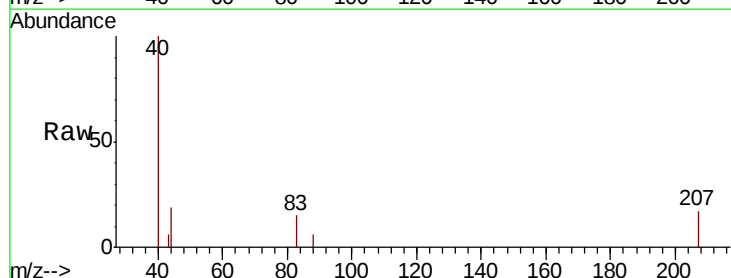
Tgt Ion: 88 Resp: 112

Ion Ratio Lower Upper

88 100

43 52.7 28.2 42.4#

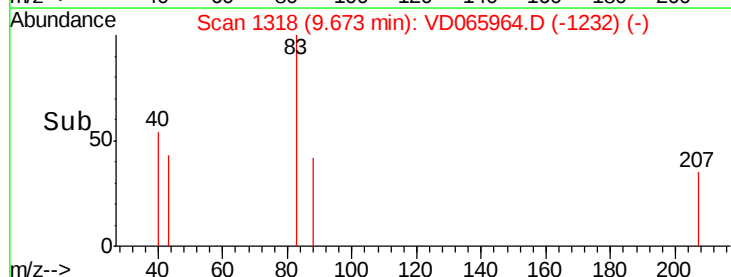
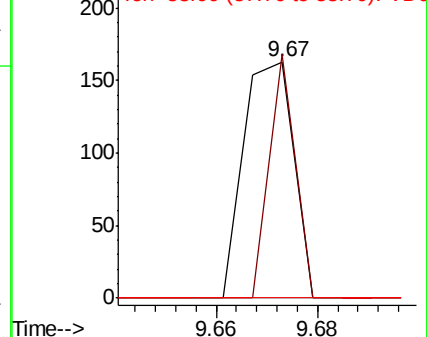
58 0.0 58.6 87.8#

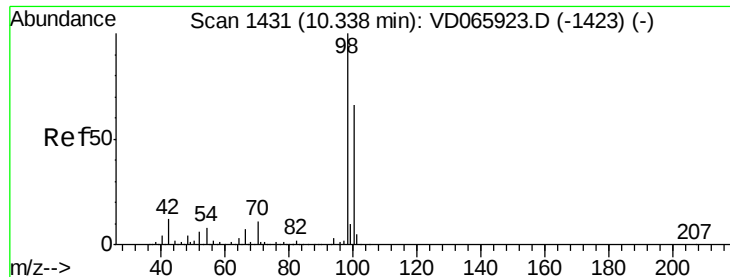


Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#50

Toluene-d8

Concen: 52.959 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

Instrument :

MSVOA_D

ClientSampled :

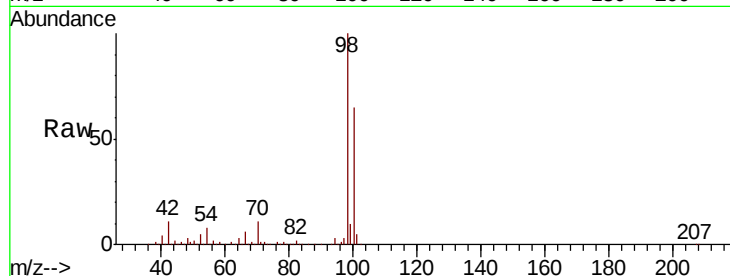
4

Tot Ion: 98 Resp: 709710

Ion Ratio Lower Upper

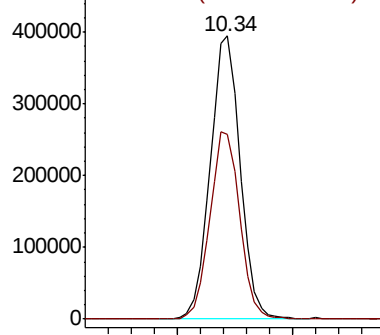
98 100

100 66.5 53.1 79.7

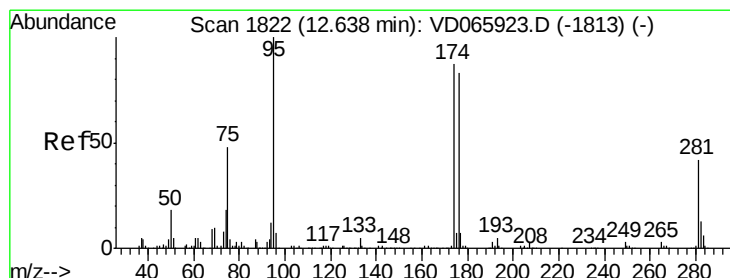
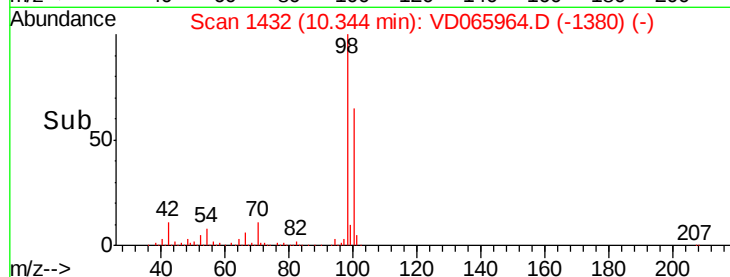


Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



Time-->



#62

4-Bromofluorobenzene

Concen: 57.931 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD065964.D

Acq: 16 Jul 2020 18:29

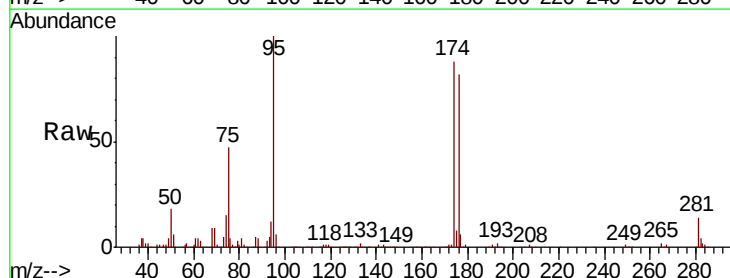
Tgt Ion: 95 Resp: 266599

Ion Ratio Lower Upper

95 100

174 89.0 0.0 169.4

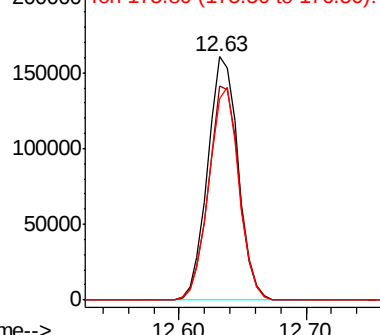
176 86.4 0.0 164.0



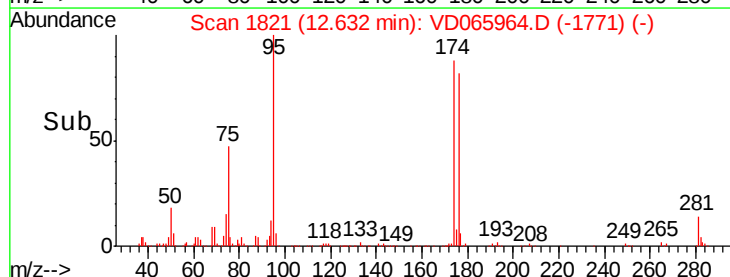
Abundance Ion 94.90 (94.60 to 95.60): VDC

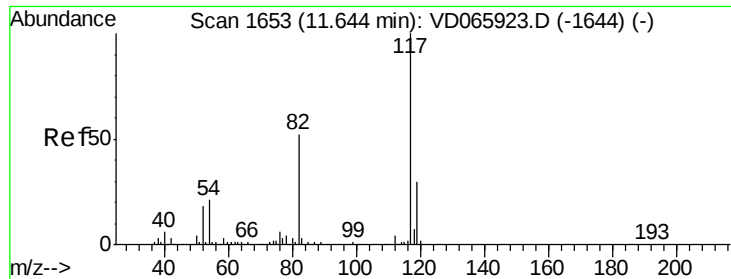
Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC



Time-->

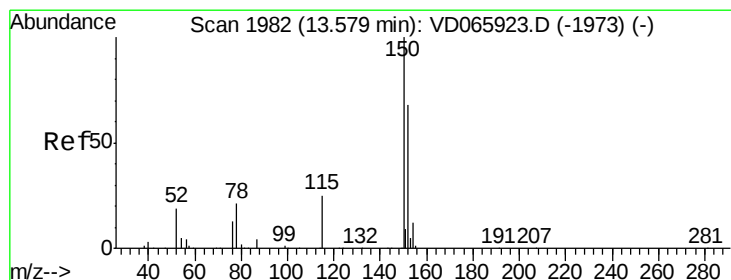
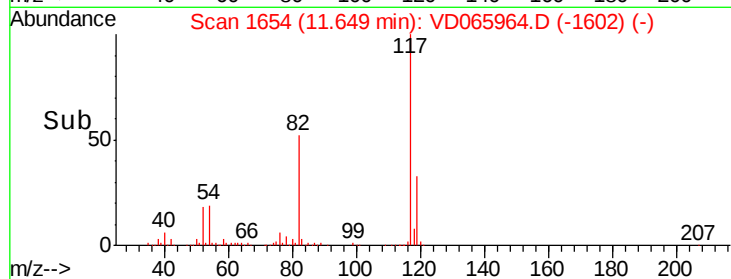
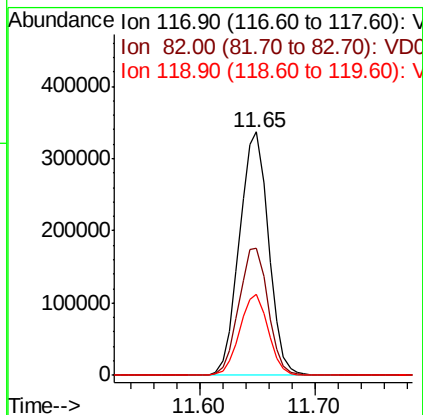
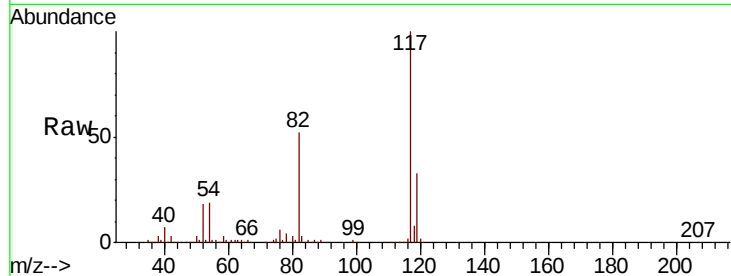




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

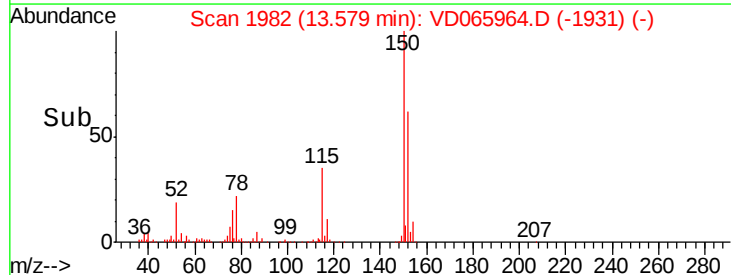
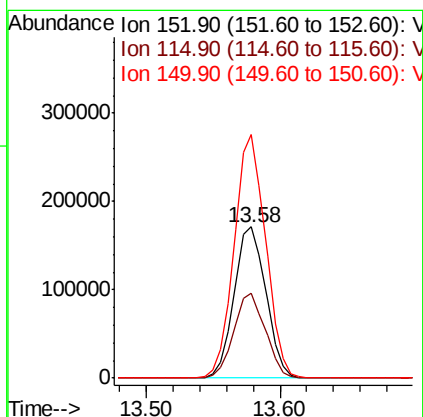
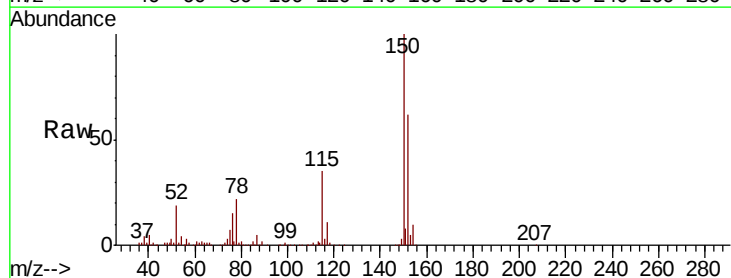
Instrument :
MSVOA_D
ClientSampled :
4

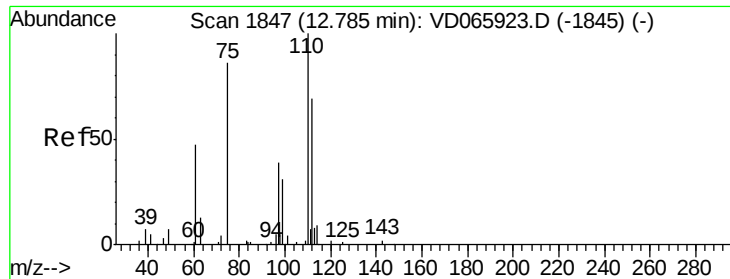
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	33.1	24.3	36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065964.D
Acq: 16 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	27.8	83.3
150	158.5	0.0	347.2

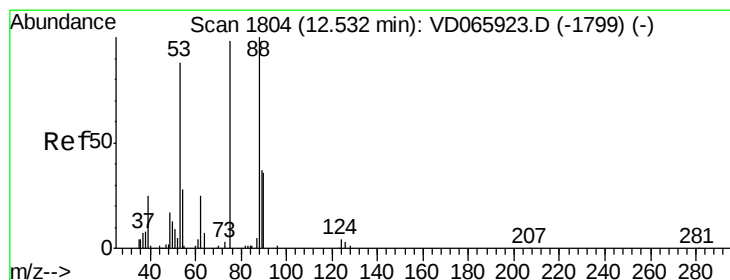
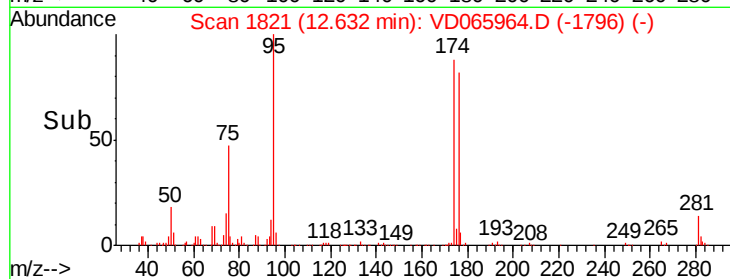
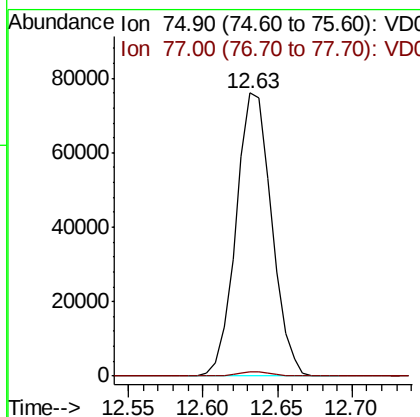
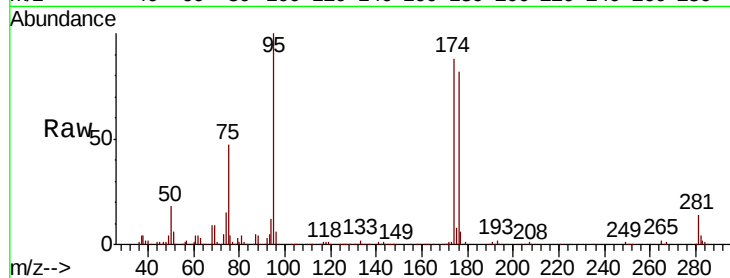




#76
 1,2,3-Trichloropropane
 Concen: 52.814 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.15 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 4

Tot Ion: 75 Resp: 125738
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.481 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.10 min
 Lab File: VD065964.D
 Acq: 16 Jul 2020 18:29

Tgt Ion: 75 Resp: 125738
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.1 37.5 56.3#

