

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051420\
 Data File : VD065738.D
 Acq On : 14 May 2020 13:00
 Operator : VA/SY
 Sample : L2635-01
 Misc : 7.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 15 05:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D051320S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 13 14:28:42 2020
 Response via : Initial Calibration

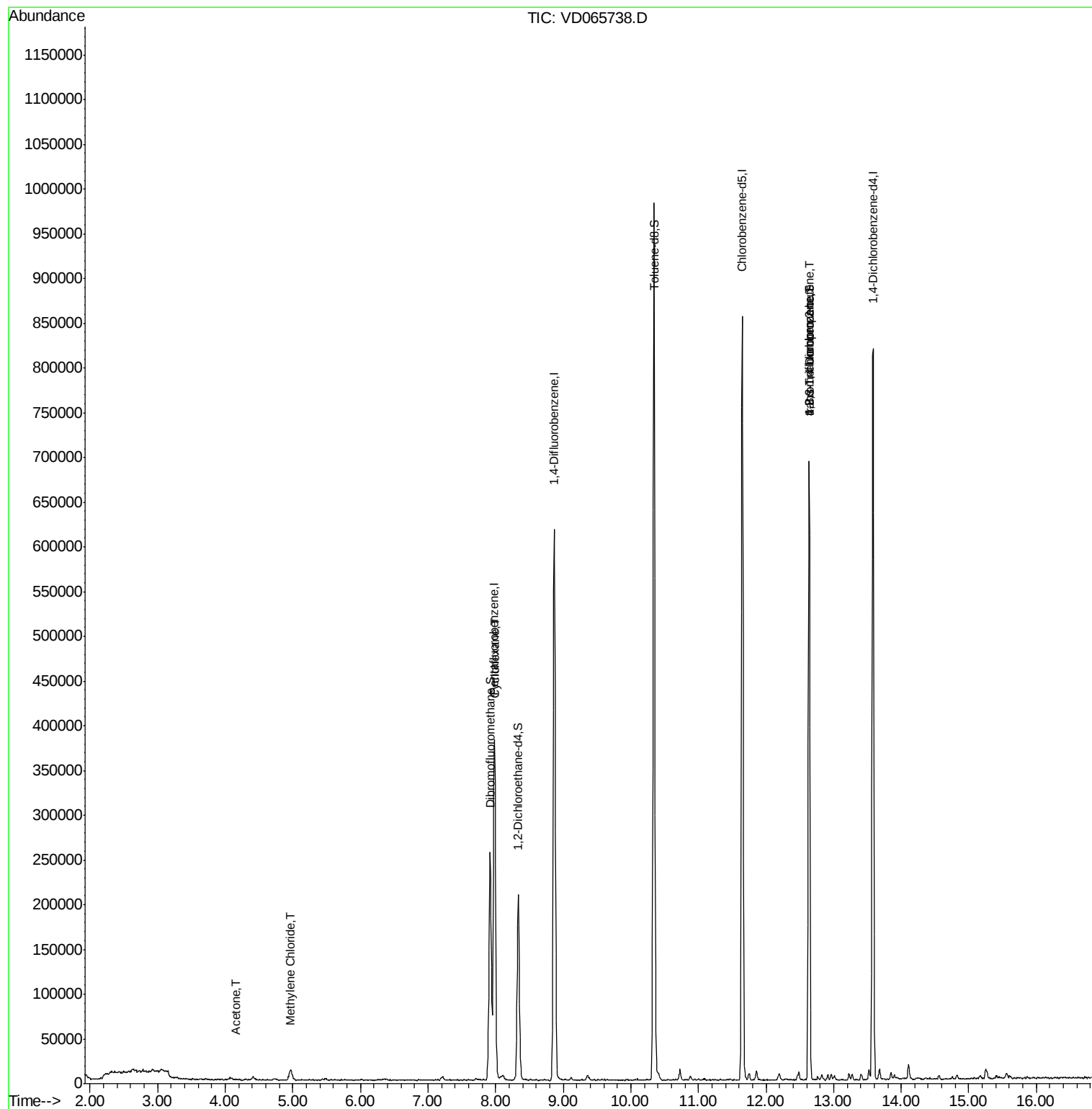
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	308979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	554869	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	495113	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	229602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	165051	66.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.58%	
35) Dibromofluoromethane	7.92	113	178526	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
50) Toluene-d8	10.34	98	663831	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
62) 4-Bromofluorobenzene	12.64	95	216016	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.27	59	58	Below Cal	#	75
13) Acrolein	3.93	56	79	Below Cal	#	1
16) Acetone	4.16	43	1428	2.796	ug/l	94
18) Methyl Acetate	4.71	43	191	Below Cal	#	52
20) Methylene Chloride	4.96	84	8586	2.980	ug/l	# 81
31) Cyclohexane	7.99	56	8254	1.669	ug/l	# 44
76) 1,2,3-Trichloropropane	12.64	75	111839	65.268	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.64	75	111839	128.046	ug/l	# 13

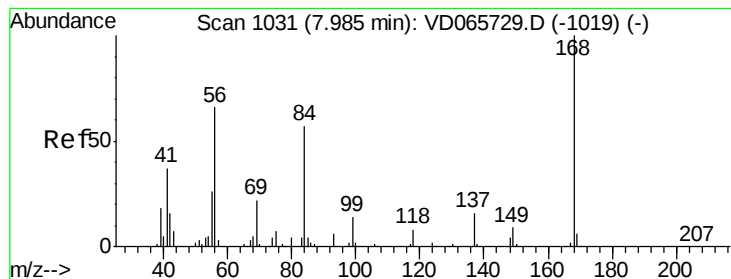
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 13 14:28:42 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

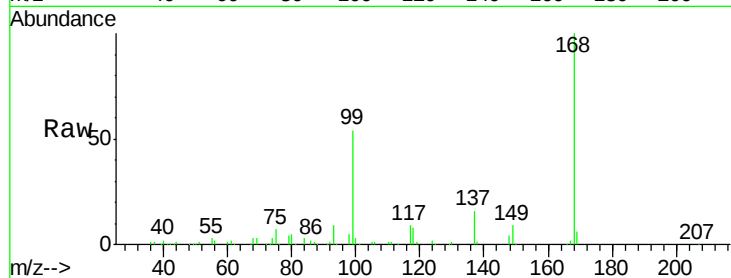
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 308979

Ion Ratio Lower Upper

168 100

99 53.4 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

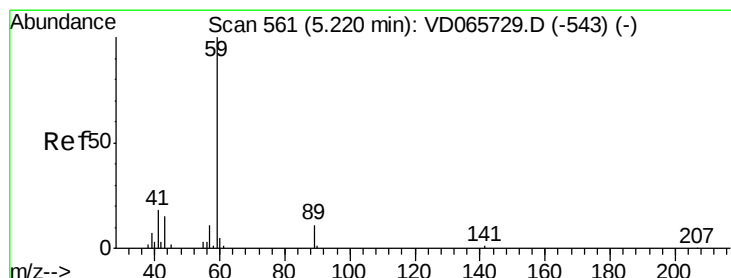
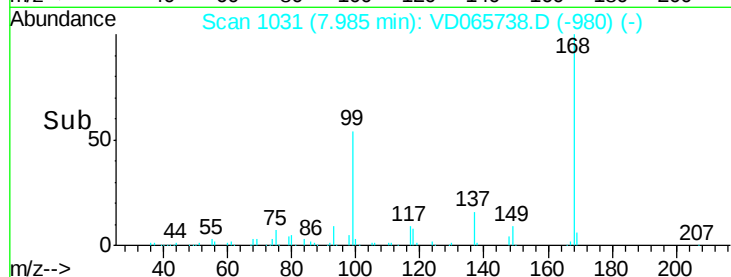
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.27 min Scan# 570

Delta R.T. 0.05 min

Lab File: VD065738.D

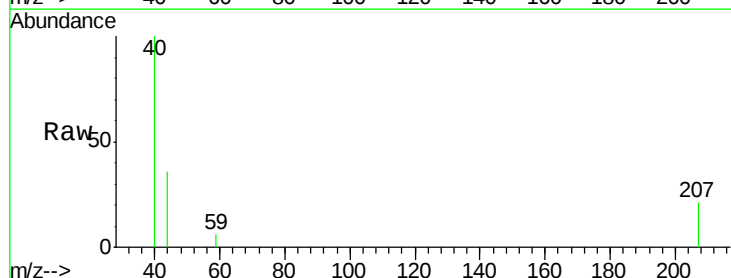
Acq: 14 May 2020 13:00

Tgt Ion: 59 Resp: 58

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.27

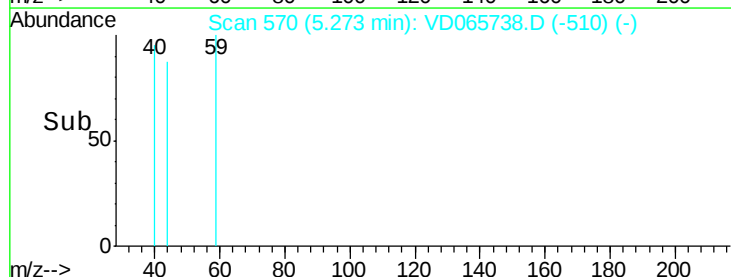
150

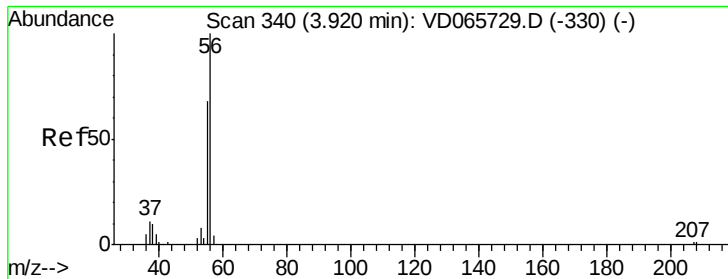
100

50

0

Time-->





#13

Acrolein

Concen: Below Cal

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_D

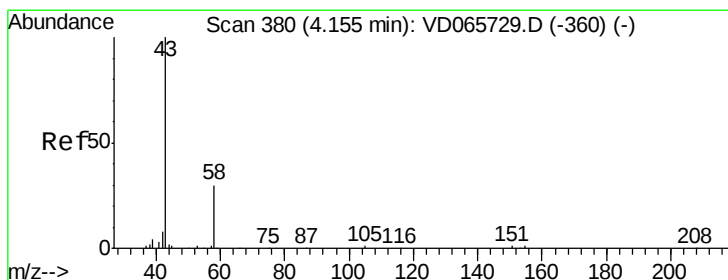
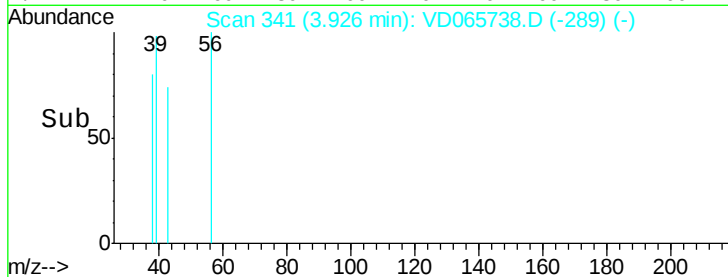
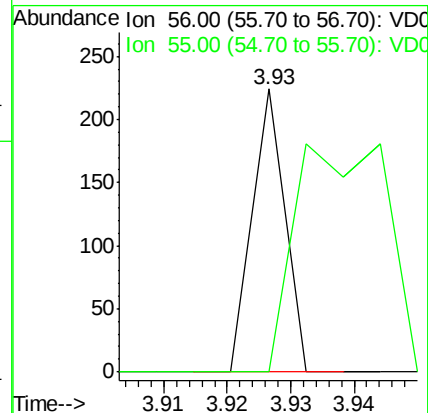
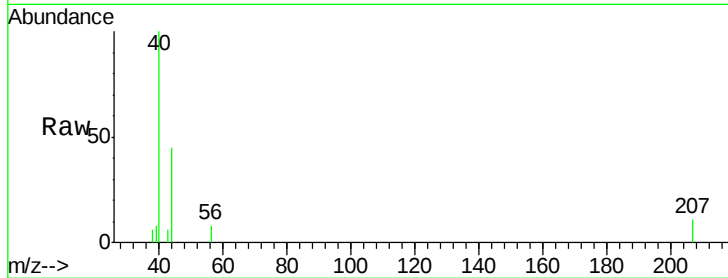
ClientSampleId :

Tot Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 308.9 57.8 86.8#



#16

Acetone

Concen: 2.796 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065738.D

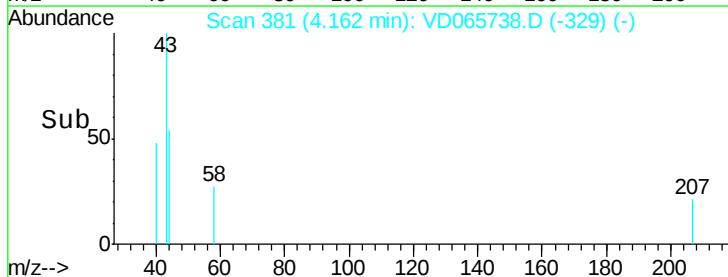
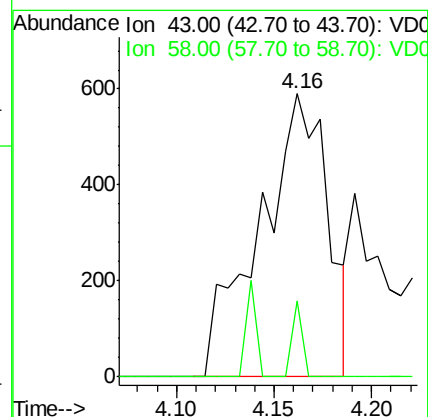
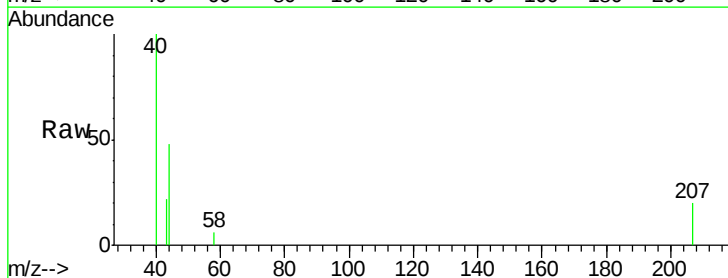
Acq: 14 May 2020 13:00

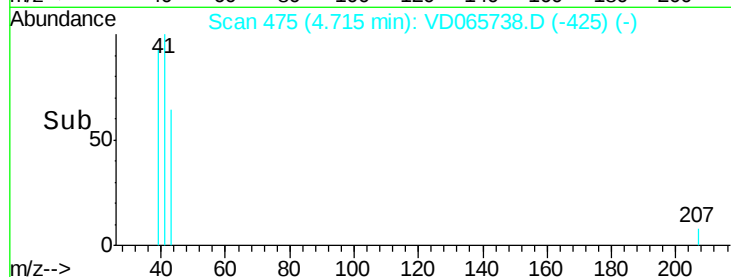
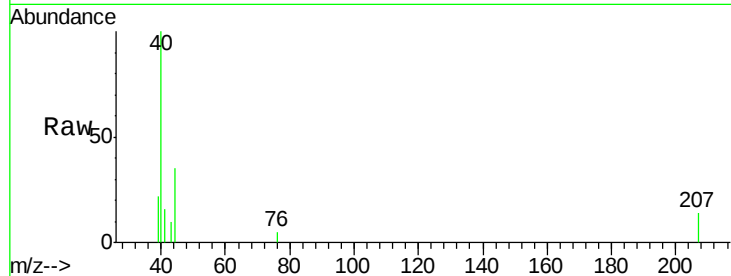
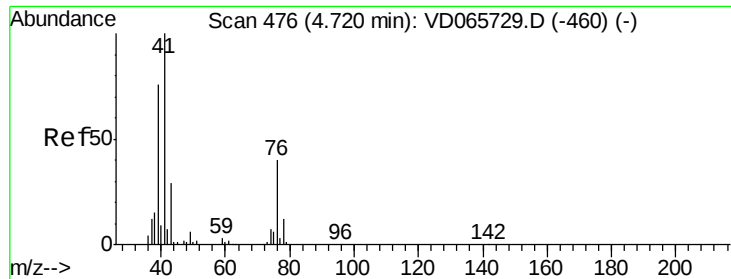
Tgt Ion: 43 Resp: 1428

Ion Ratio Lower Upper

43 100

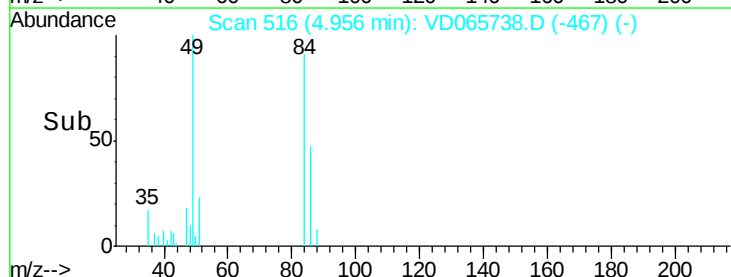
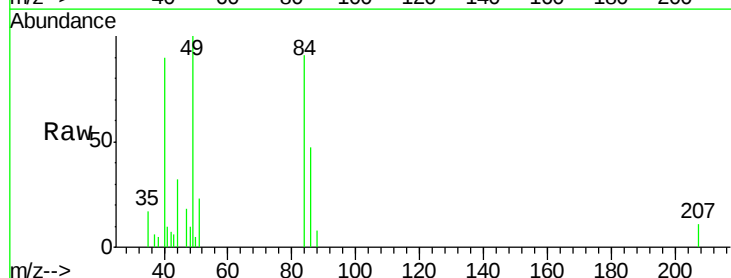
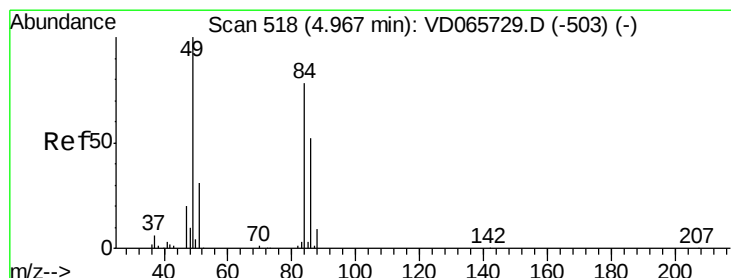
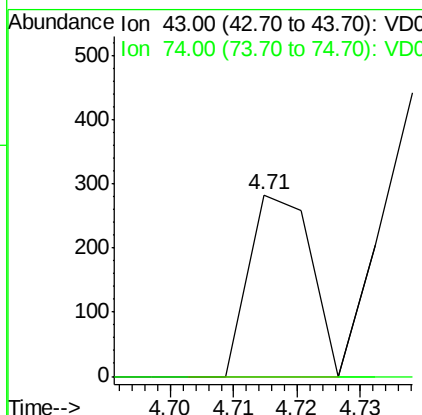
58 26.6 23.7 35.5





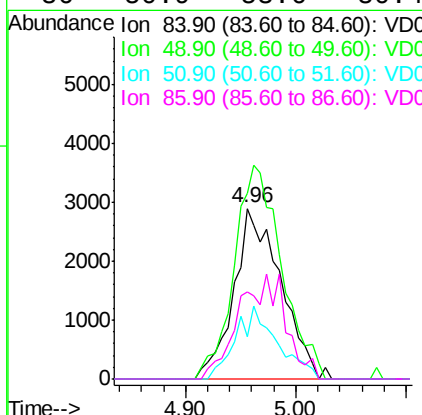
#18
Methyl Acetate
Concen: Below Cal
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

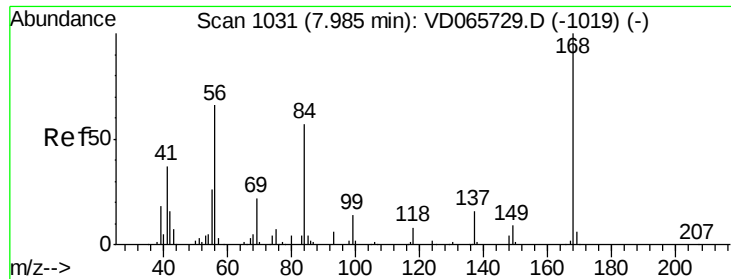
Tot Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 2.980 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

Tgt Ion: 84 Resp: 8586
Ion Ratio Lower Upper
84 100
49 109.3 102.9 154.3
51 25.1 31.5 47.3#
86 50.9 53.6 80.4#

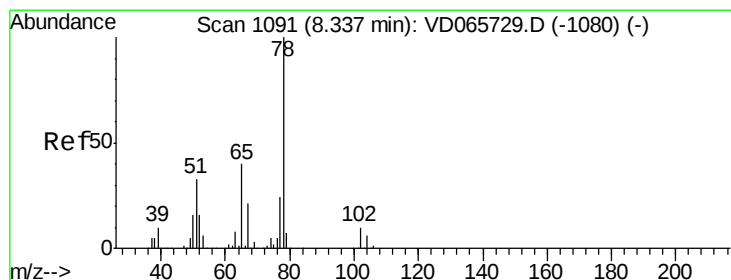
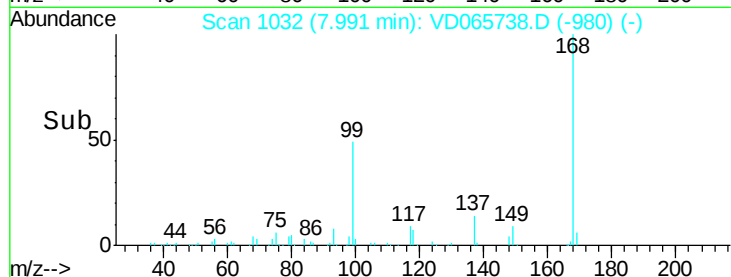
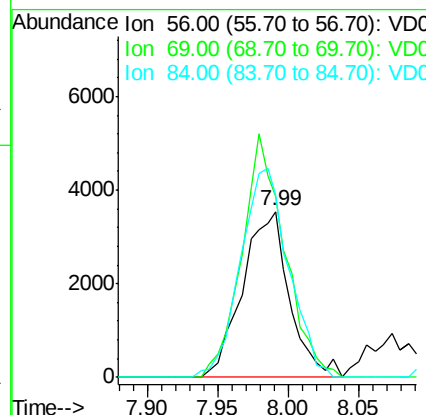
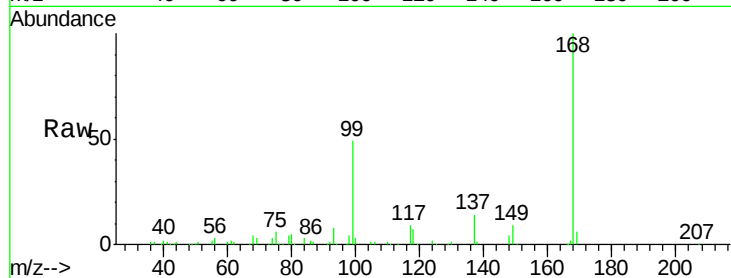




#31
Cyclohexane
Concen: 1.669 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

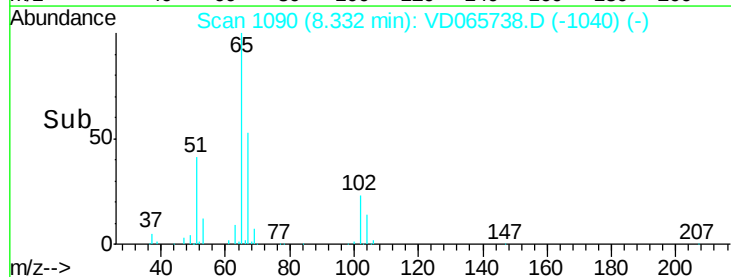
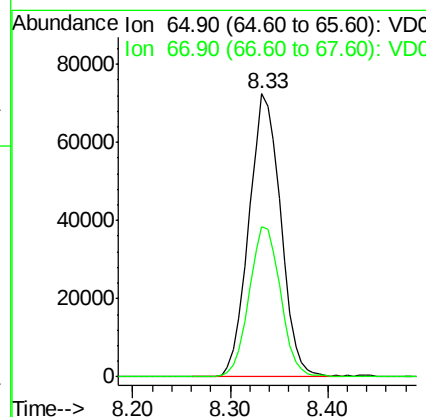
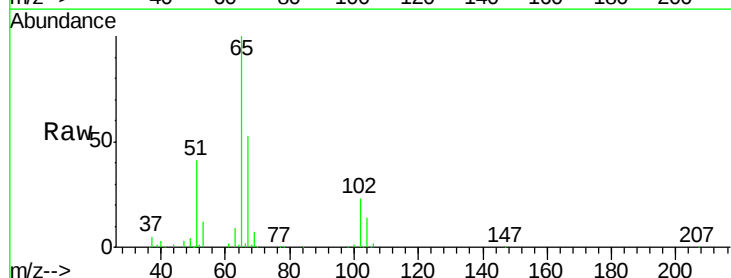
Instrument :
MSVOA_D
ClientSampleId :

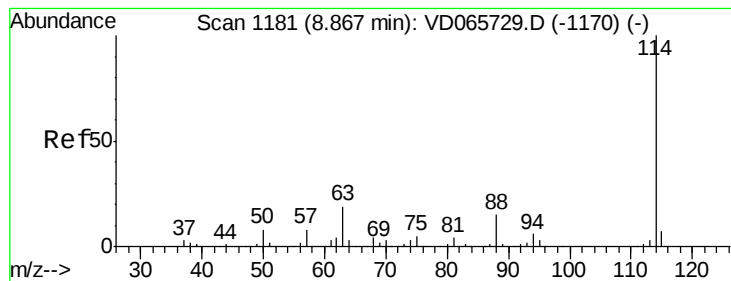
Tot Ion: 56 Resp: 8254
Ion Ratio Lower Upper
56 100
69 109.1 25.9 38.9#
84 110.3 69.1 103.7#



#33
1,2-Dichloroethane-d4
Concen: 66.288 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

Tgt Ion: 65 Resp: 165051
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_D

ClientSampleId :

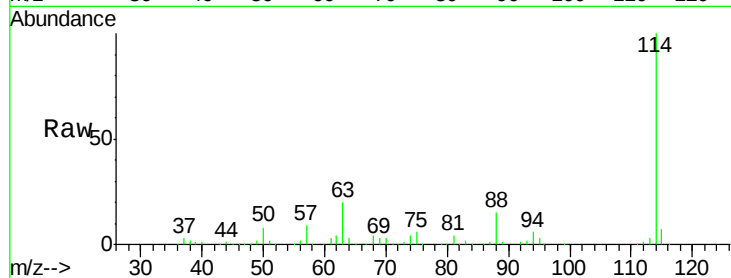
Tot Ion:114 Resp: 554869

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.2

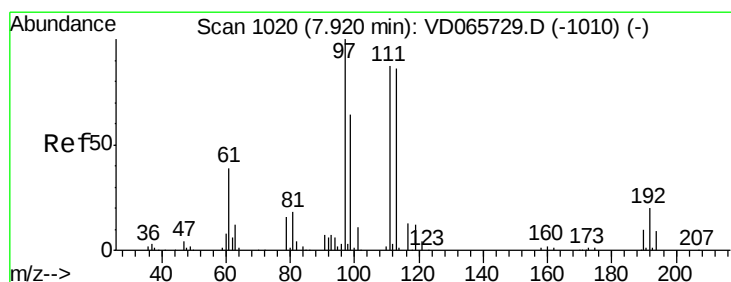
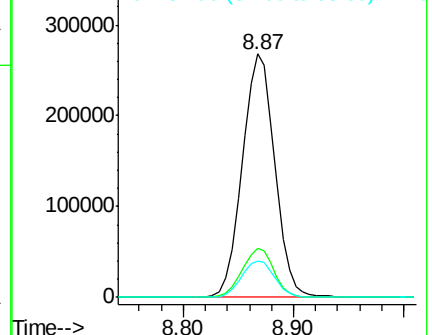
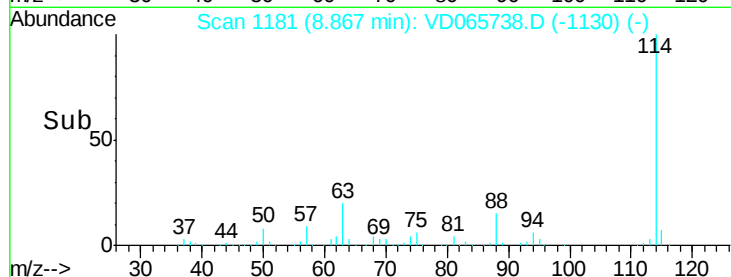
88 14.9 0.0 30.2



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



#35

Dibromofluoromethane

Concen: 56.792 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

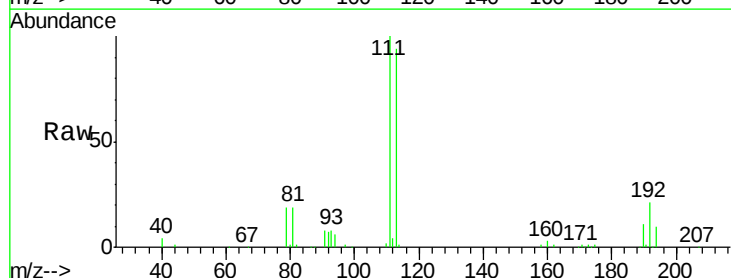
Tgt Ion:113 Resp: 178526

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

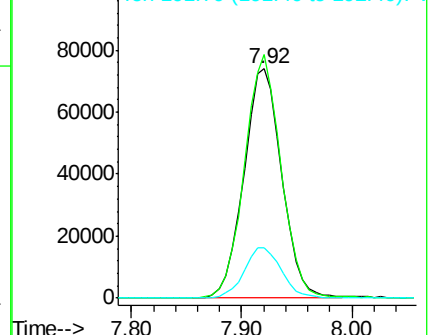
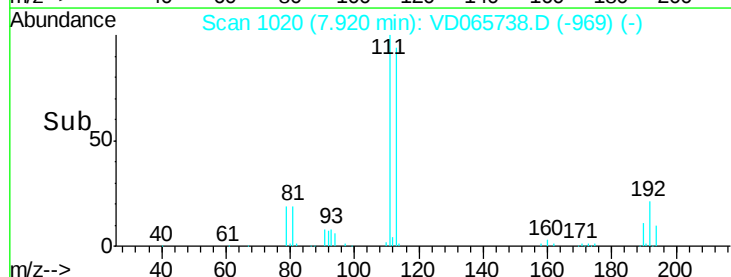
192 21.6 17.6 26.4

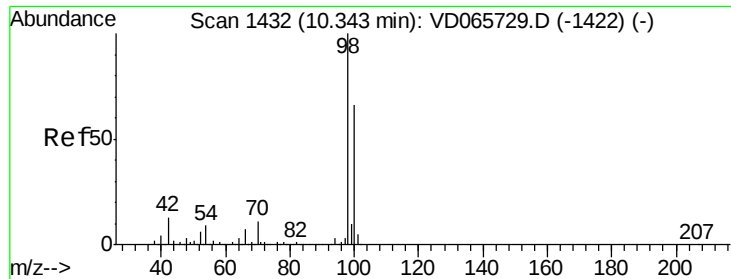


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

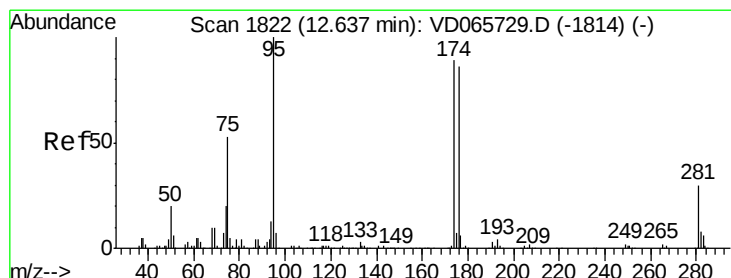
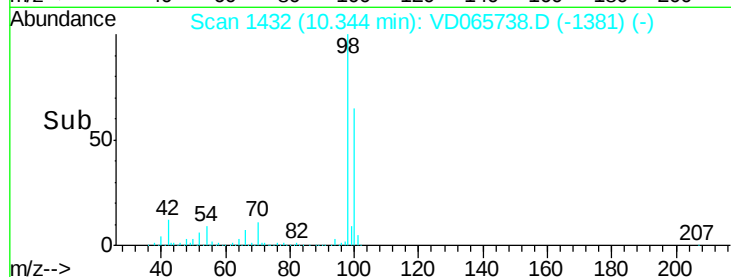
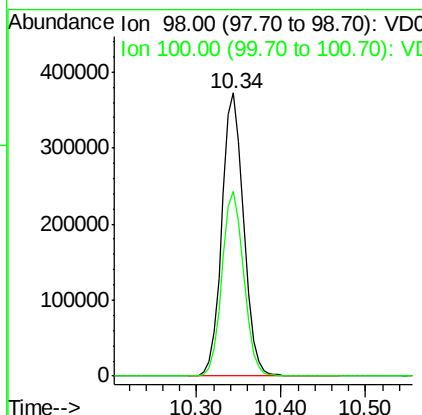
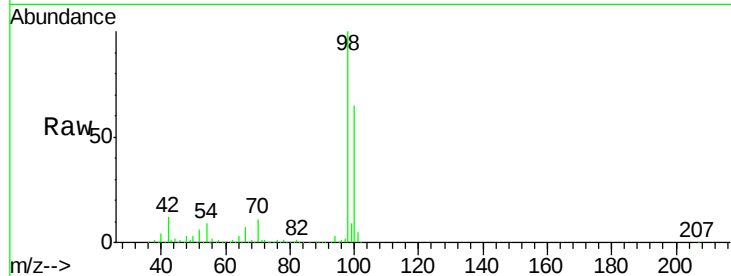




#50
Toluene-d8
Concen: 55.469 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

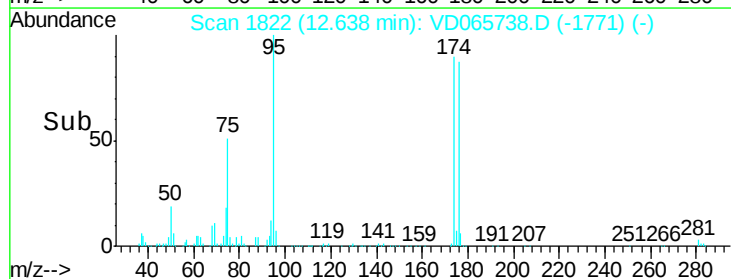
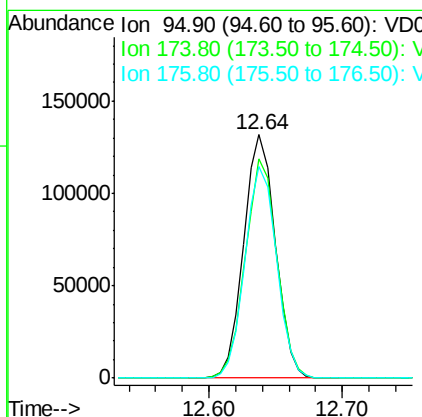
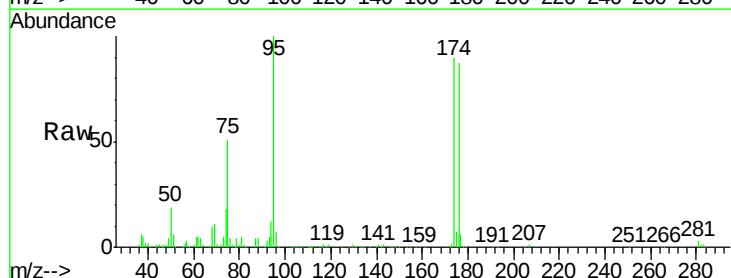
Instrument :
MSVOA_D
ClientSampleId :

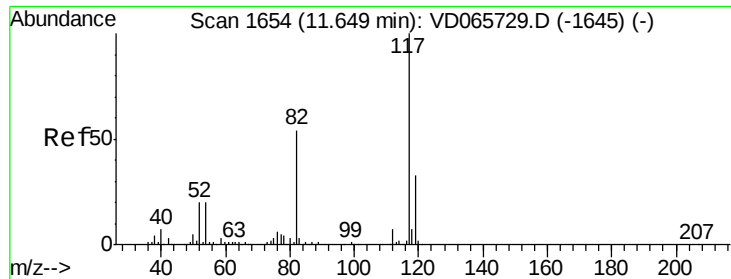
Tot Ion: 98 Resp: 663831
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.298 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

Tgt Ion: 95 Resp: 216016
Ion Ratio Lower Upper
95 100
174 89.4 0.0 179.4
176 86.6 0.0 174.0

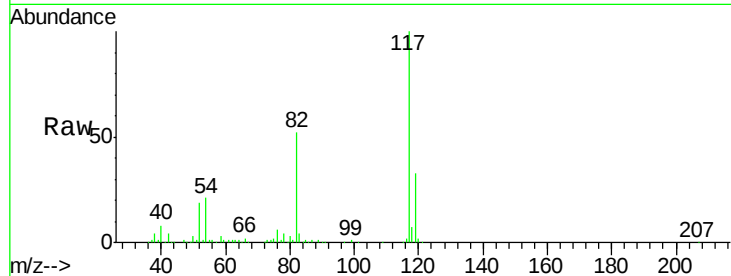




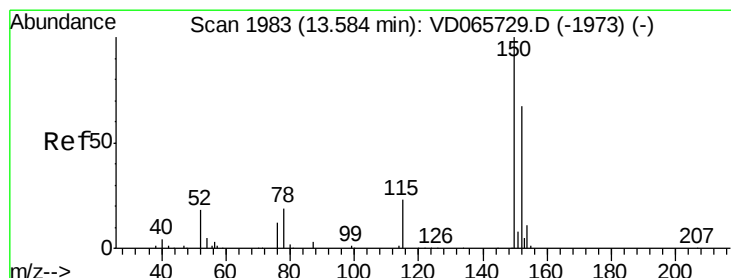
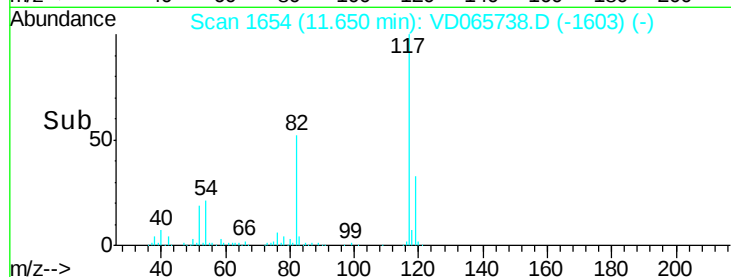
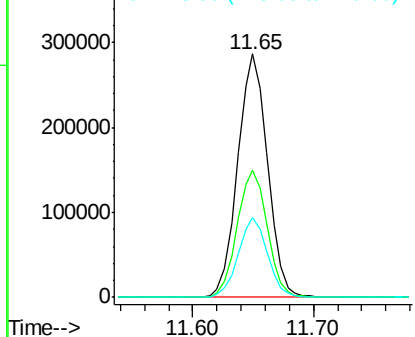
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.0	64.6
119	32.7	26.6	40.0

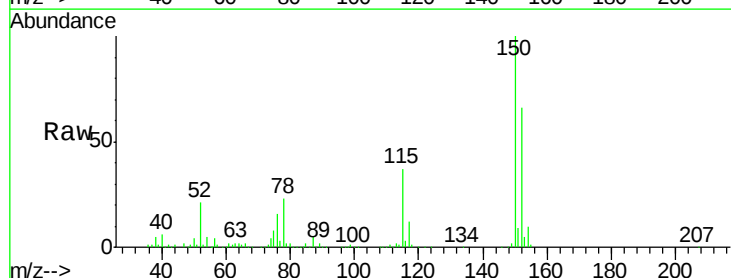


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

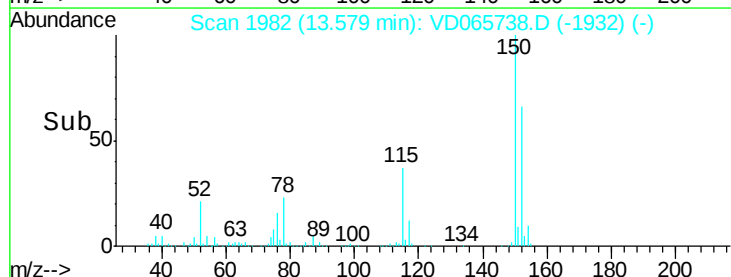
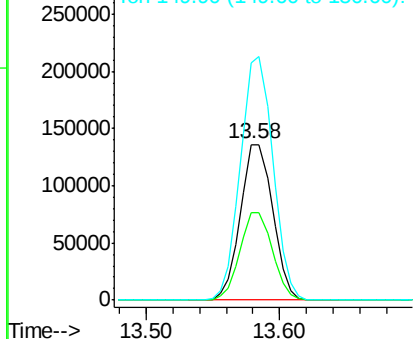


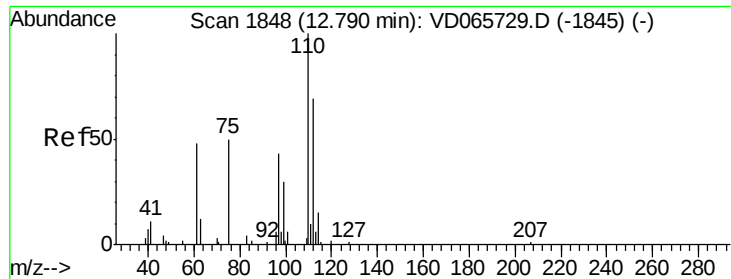
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD065738.D
Acq: 14 May 2020 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.1	84.3
150	156.7	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: 65.268 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

Instrument :

MSVOA_D

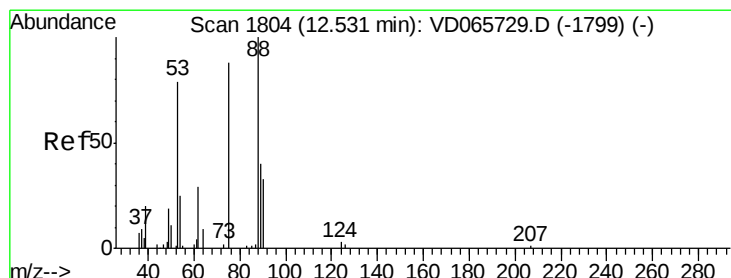
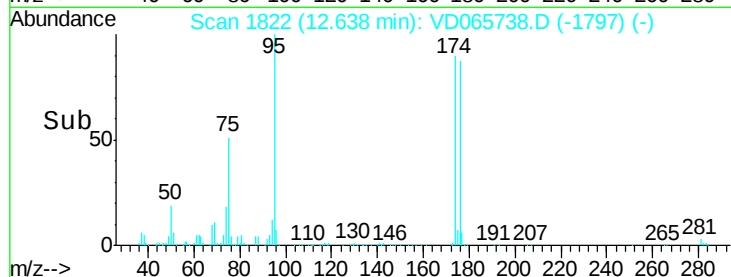
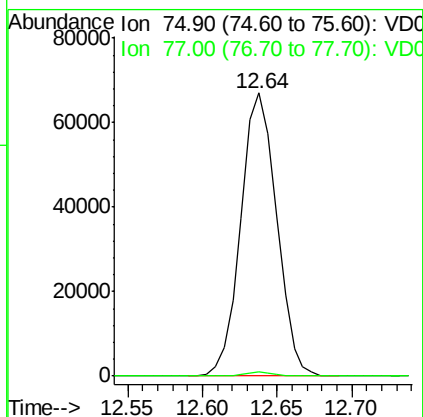
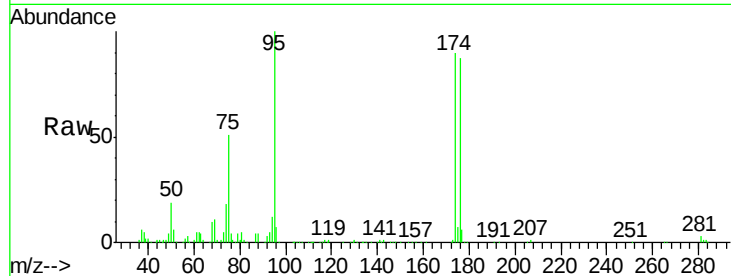
ClientSampleId :

Tot Ion: 75 Resp: 111839

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.046 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD065738.D

Acq: 14 May 2020 13:00

Tgt Ion: 75 Resp: 111839

Ion Ratio Lower Upper

75 100

53 0.0 72.6 109.0#

89 0.0 37.0 55.4#

