

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
 Data File : VD066011.D
 Acq On : 22 Jul 2020 19:33
 Operator : VA/SY
 Sample : L3365-01
 Misc : 6.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20017-20405

Quant Time: Jul 23 01:06:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

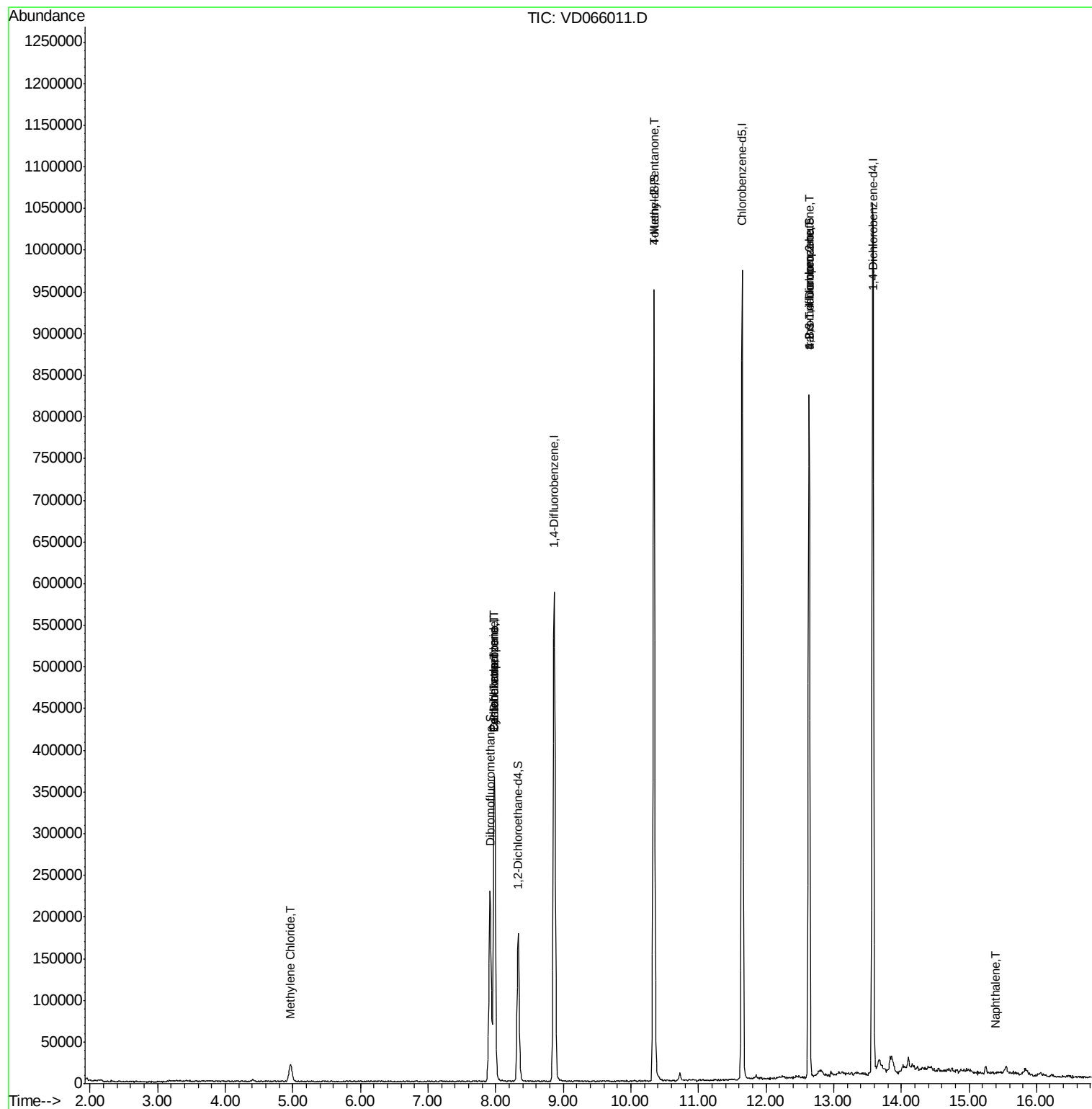
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	297477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	526124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	566704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	301186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	139323	57.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.12%	
35) Dibromofluoromethane	7.92	113	164457	51.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.08%	
50) Toluene-d8	10.34	98	654566	55.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.12%	
62) 4-Bromofluorobenzene	12.64	95	266425	64.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.28%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.15	59	60	Below Cal	#	83
20) Methylene Chloride	4.97	84	16281	3.237	ug/l	96
31) Cyclohexane	7.97	56	5288	1.214	ug/l #	33
36) 1,1-Dichloropropene	7.98	75	20060	4.467	ug/l #	49
38) Carbon Tetrachloride	7.97	117	28067	5.761	ug/l #	16
51) 4-Methyl-2-Pentanone	10.34	43	2902	1.720	ug/l #	1
76) 1,2,3-Trichloropropane	12.64	75	129934	57.296	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	129934	131.474	ug/l #	11
95) Naphthalene	15.40	128	680	3.613	ug/l #	60

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072220\
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Quant Time: Jul 23 01:06:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

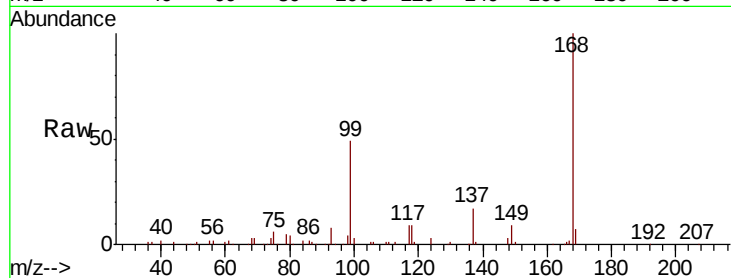
20017-20405

Tot Ion:168 Resp: 297477

Ion Ratio Lower Upper

168 100

99 49.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

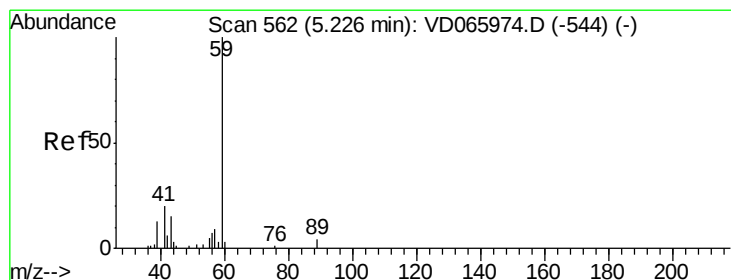
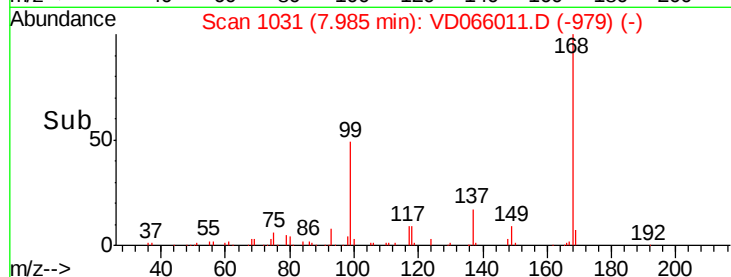
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 549

Delta R.T. -0.08 min

Lab File: VD066011.D

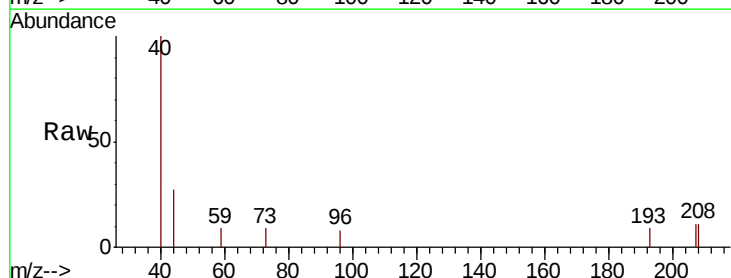
Acq: 22 Jul 2020 19:33

Tgt Ion: 59 Resp: 60

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

200

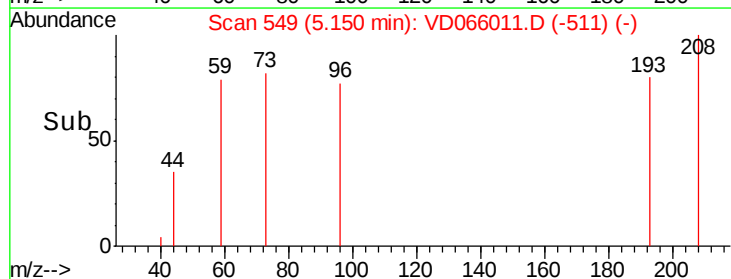
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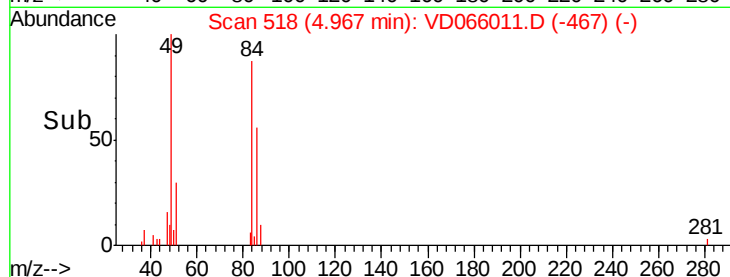
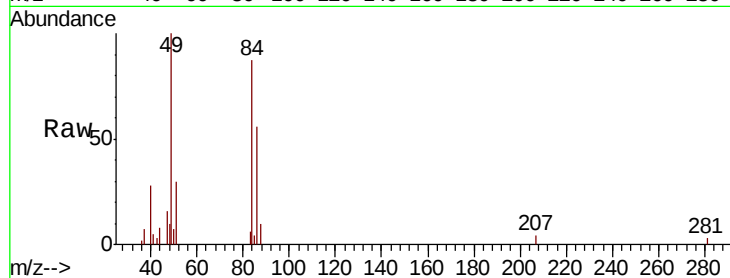
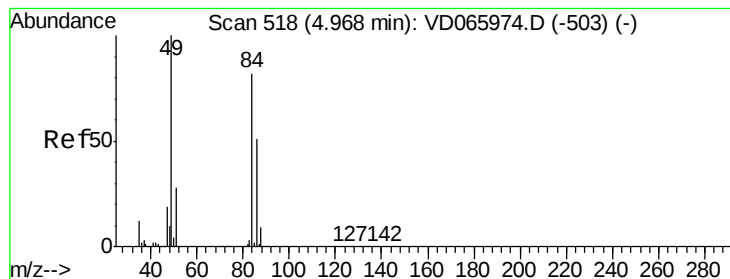
100

50

0

Time-->





#20

Methylene Chloride

Concen: 3.237 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

20017-20405

Tot Ion: 84 Resp: 16281

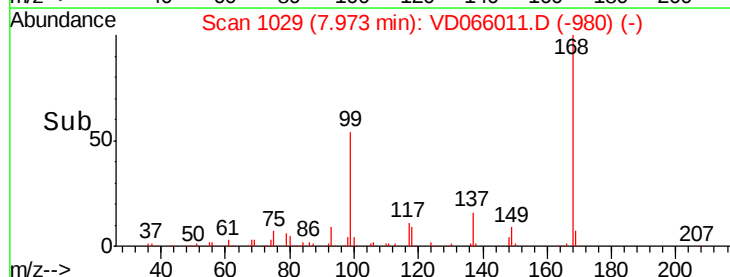
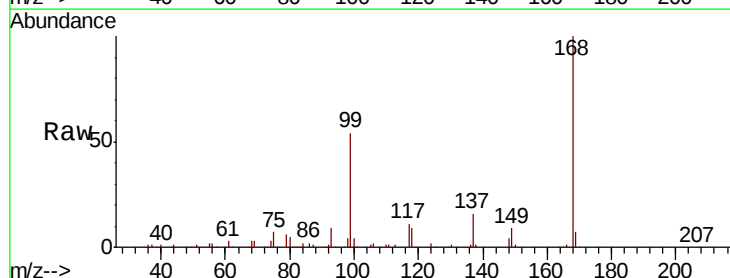
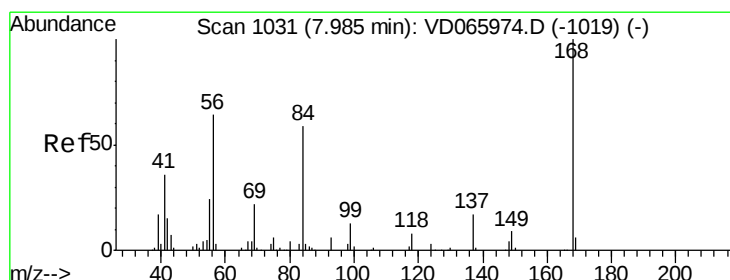
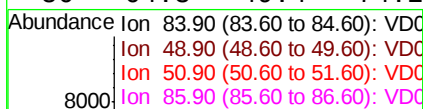
Ion Ratio Lower Upper

84 100

49 115.4 97.7 146.5

51 34.7 27.4 41.2

86 64.3 49.4 74.2



#31

Cyclohexane

Concen: 1.214 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

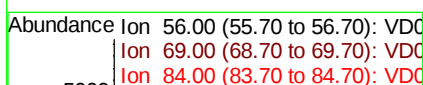
Tgt Ion: 56 Resp: 5288

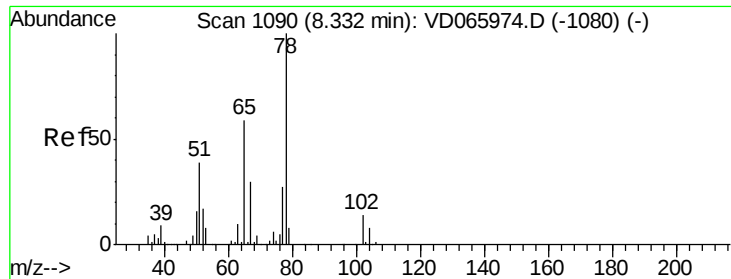
Ion Ratio Lower Upper

56 100

69 157.6 28.0 42.0#

84 101.2 72.6 109.0

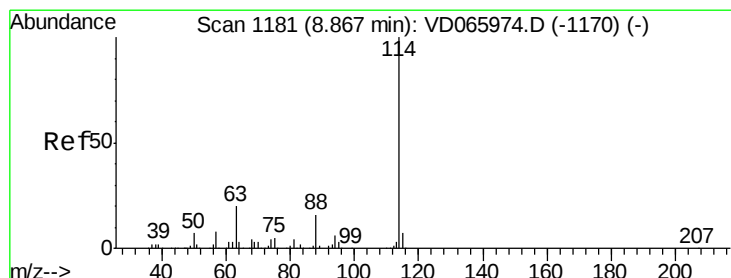
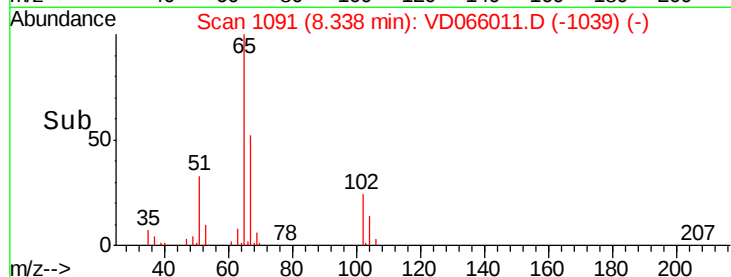
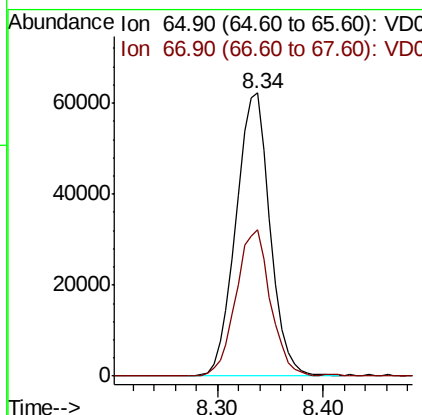
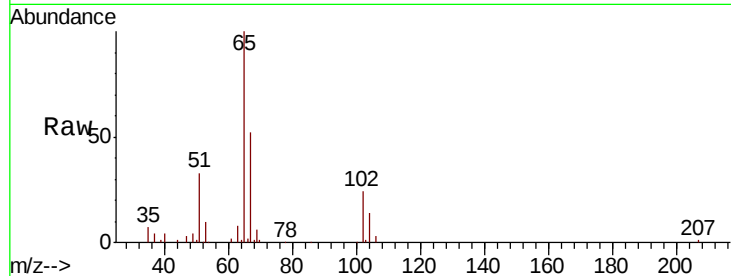




#33
 1,2-Dichloroethane-d4
 Concen: 57.559 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD066011.D
 Acq: 22 Jul 2020 19:33

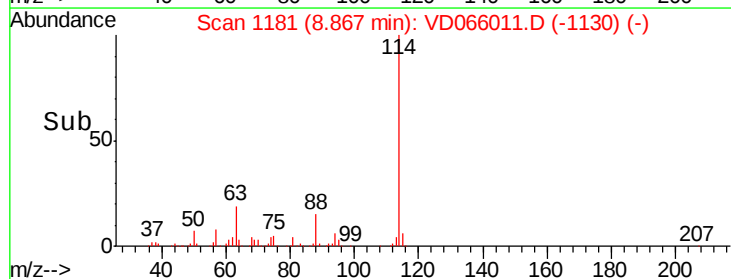
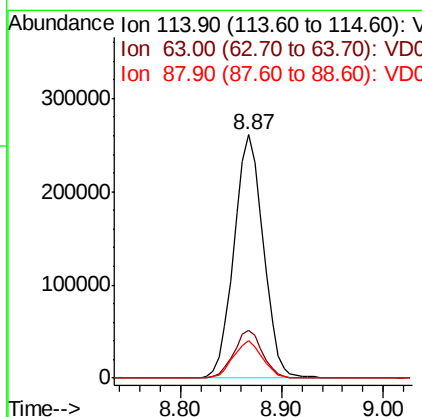
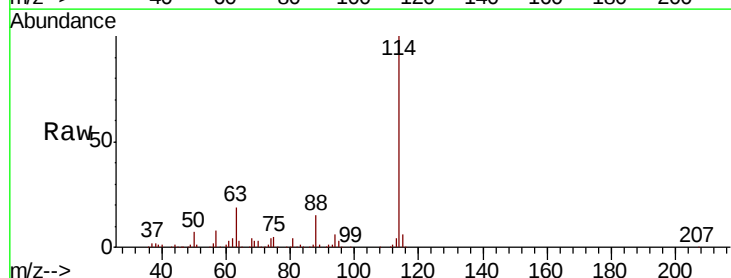
Instrument :
 MSVOA_D
 ClientSampleId :
 20017-20405

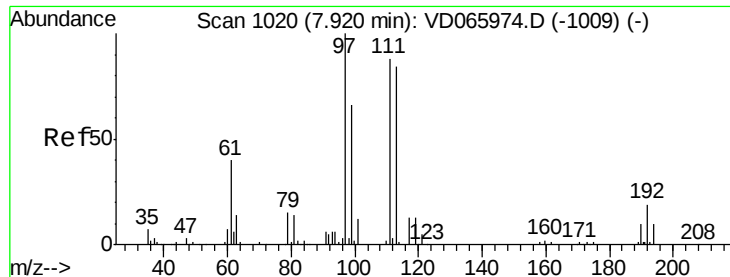
Tot Ion: 65 Resp: 139323
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066011.D
 Acq: 22 Jul 2020 19:33

Tgt Ion: 114 Resp: 526124
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.6
 88 15.2 0.0 31.2

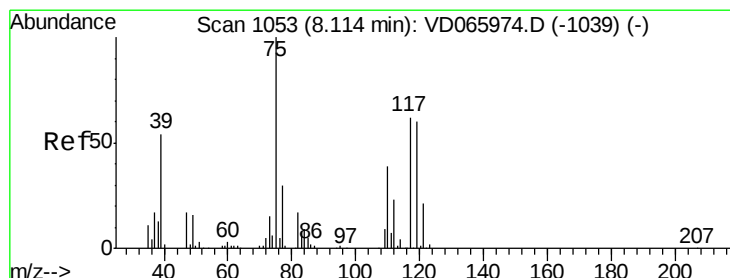
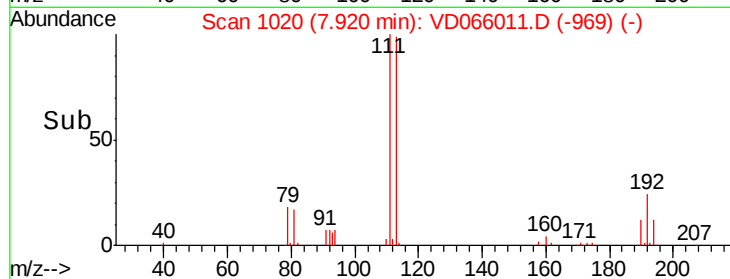
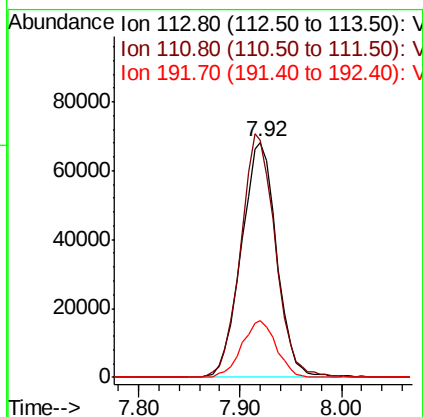
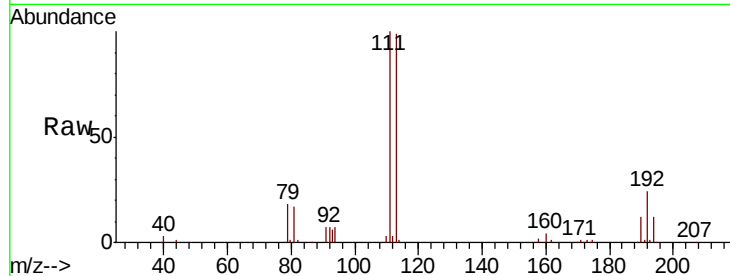




#35
 Dibromofluoromethane
 Concen: 51.536 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066011.D
 Acq: 22 Jul 2020 19:33

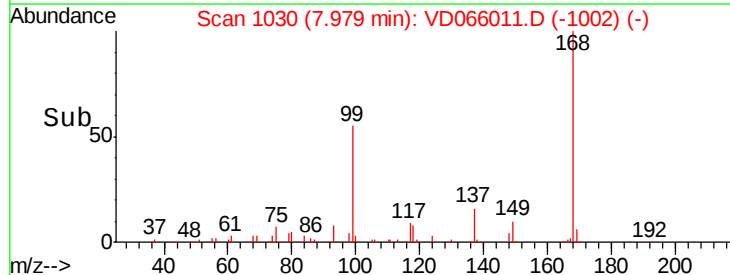
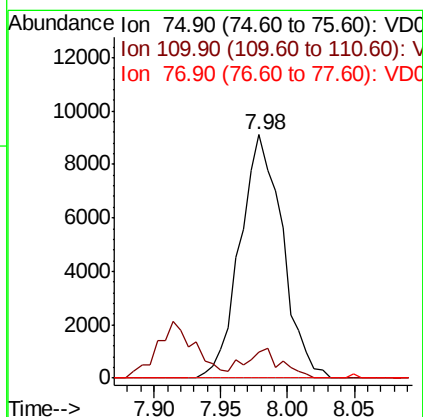
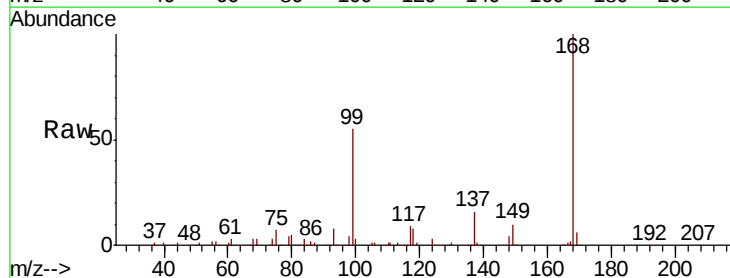
Instrument :
 MSVOA_D
 ClientSampleId :
 20017-20405

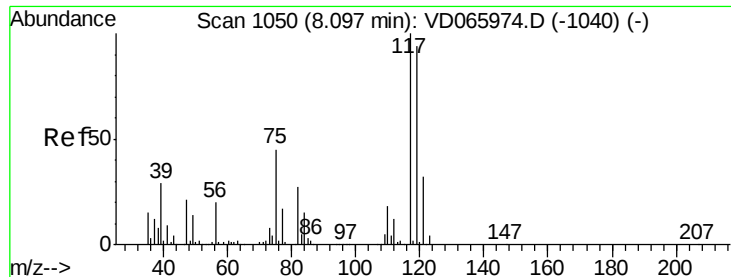
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.2	124.8
192	23.5	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 4.467 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD066011.D
 Acq: 22 Jul 2020 19:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.5	58.5#
77	0.0	24.7	37.1#

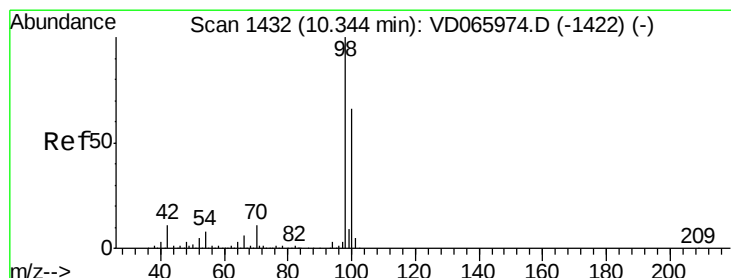
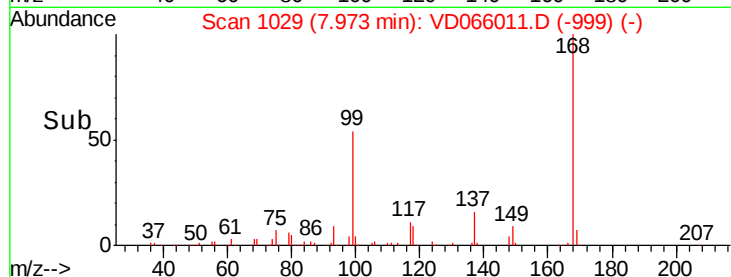
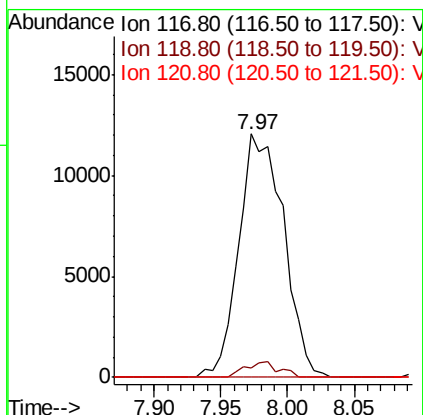
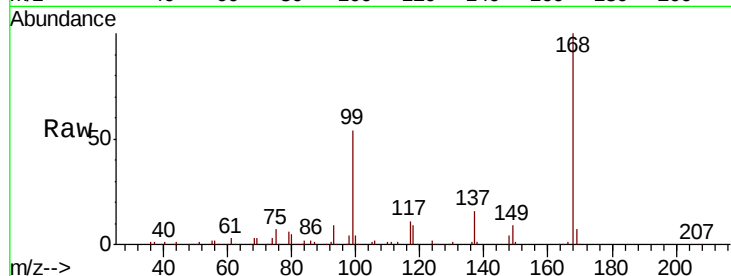




#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066011.D
Acq: 22 Jul 2020 19:33

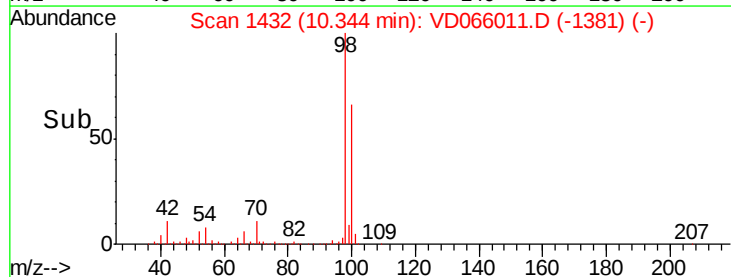
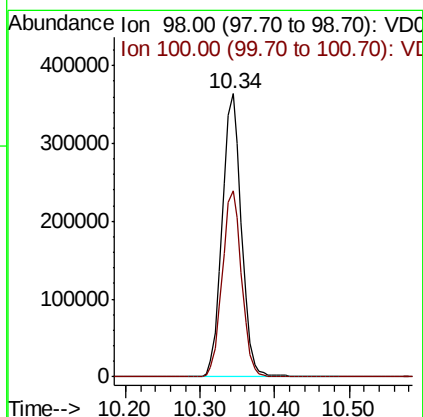
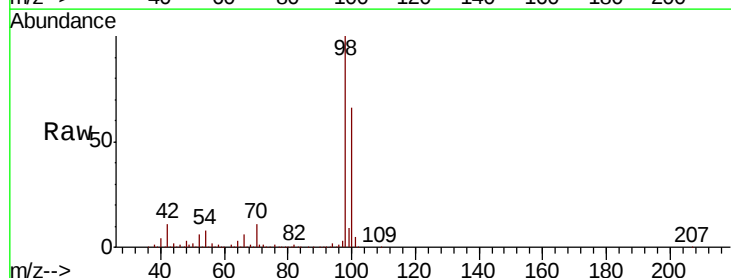
Instrument :
MSVOA_D
ClientSampleId :
20017-20405

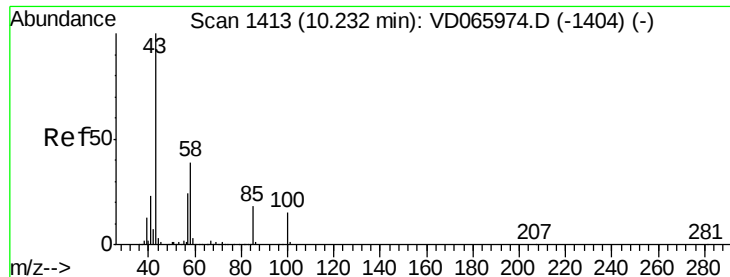
Tot Ion:117 Resp: 28067
Ion Ratio Lower Upper
117 100
119 3.6 75.0 112.6#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.062 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD066011.D
Acq: 22 Jul 2020 19:33

Tgt Ion: 98 Resp: 654566
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 1.720 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.11 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

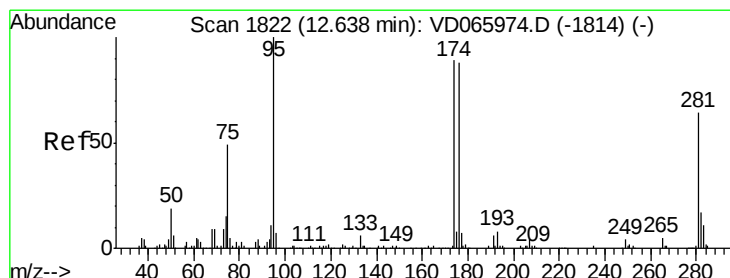
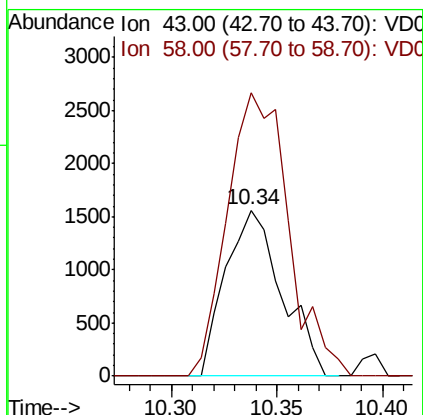
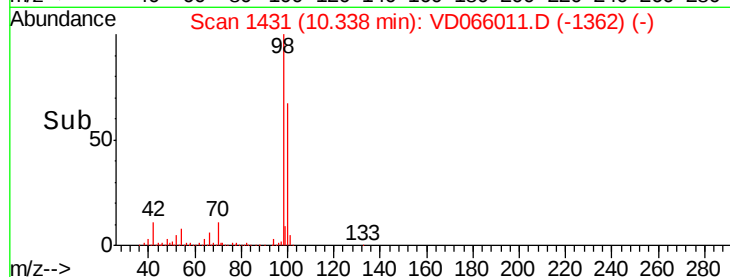
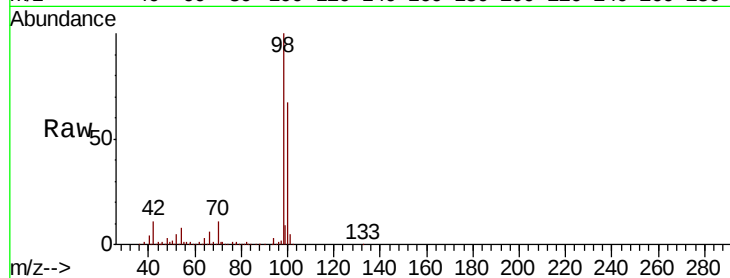
20017-20405

Tot Ion: 43 Resp: 2902

Ion Ratio Lower Upper

43 100

58 185.1 31.3 46.9#



#62

4-Bromofluorobenzene

Concen: 64.636 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

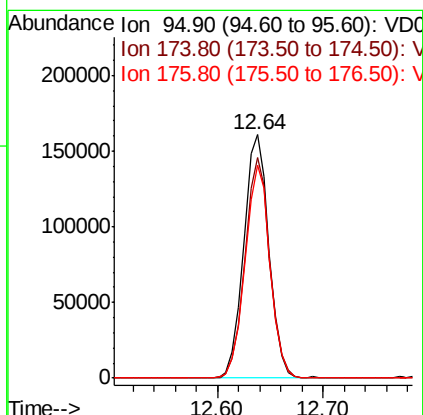
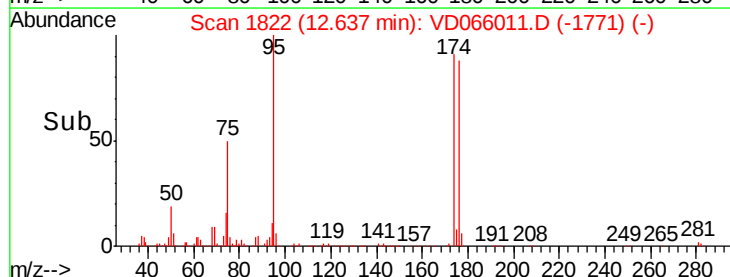
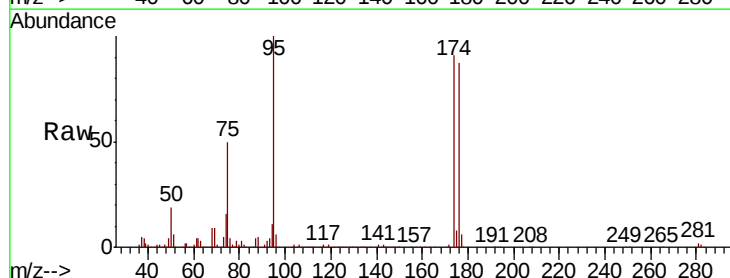
Tgt Ion: 95 Resp: 266425

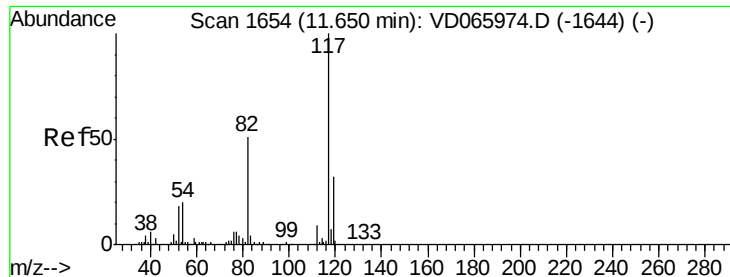
Ion Ratio Lower Upper

95 100

174 88.7 0.0 178.8

176 86.2 0.0 172.6

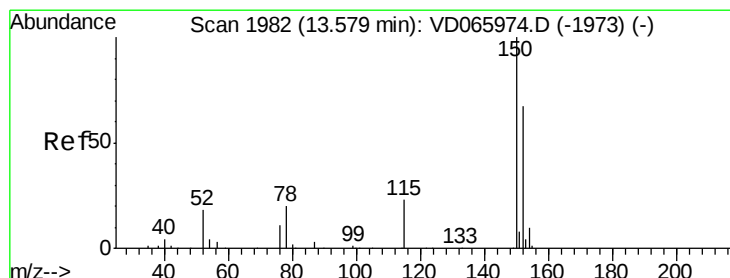
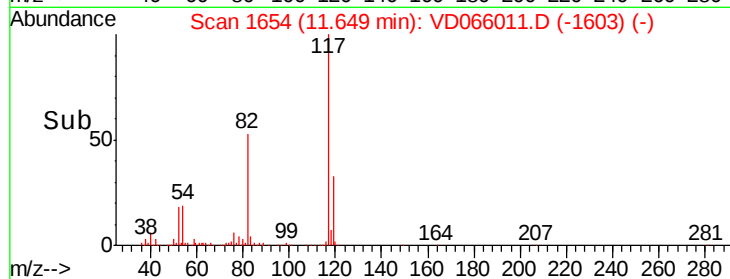
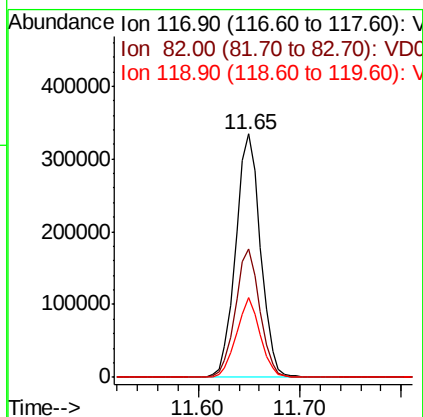
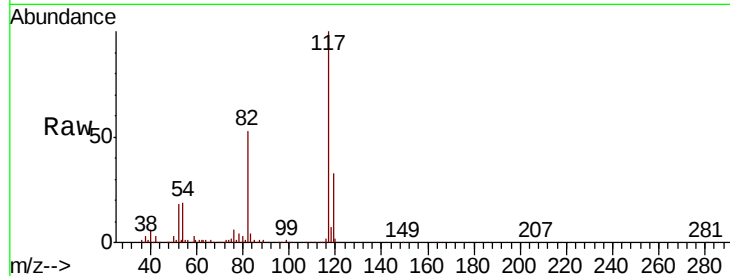




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066011.D
Acq: 22 Jul 2020 19:33

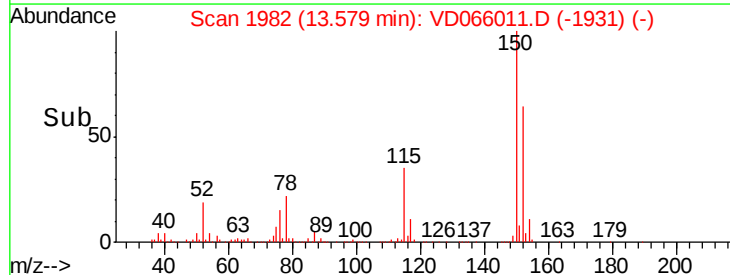
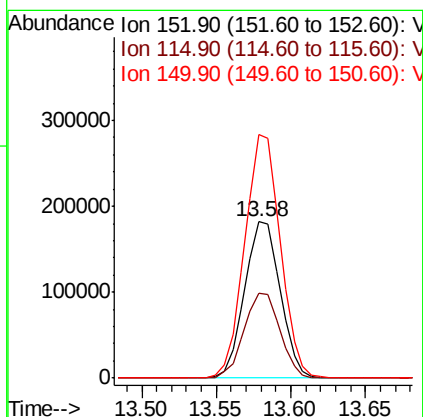
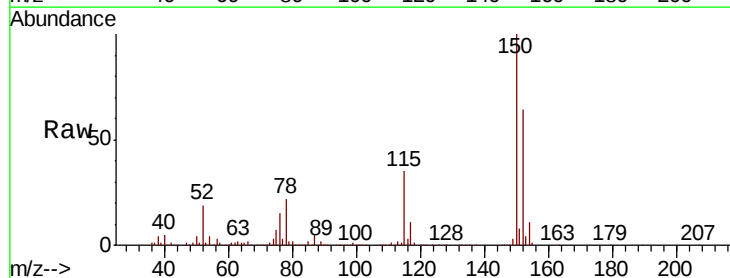
Instrument :
MSVOA_D
ClientSampleId :
20017-20405

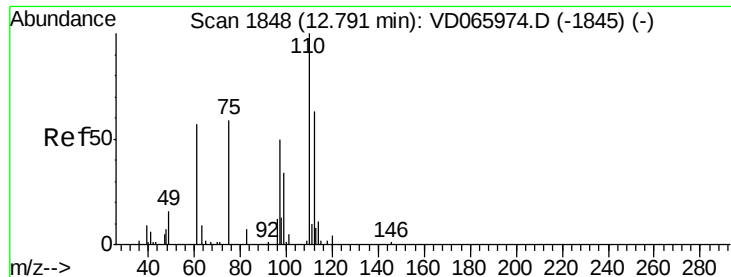
Tot Ion:117 Resp: 566704
Ion Ratio Lower Upper
117 100
82 52.9 41.1 61.7
119 32.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066011.D
Acq: 22 Jul 2020 19:33

Tgt Ion:152 Resp: 301186
Ion Ratio Lower Upper
152 100
115 55.1 27.9 83.7
150 155.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 57.296 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

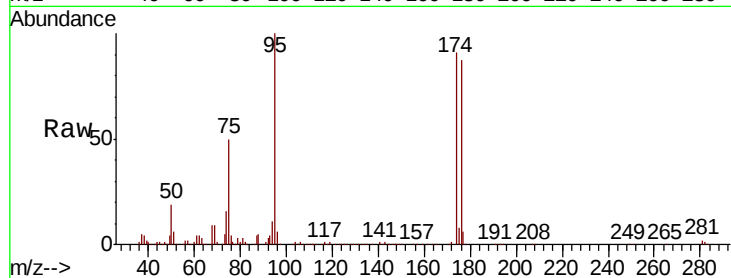
20017-20405

Tot Ion: 75 Resp: 129934

Ion Ratio Lower Upper

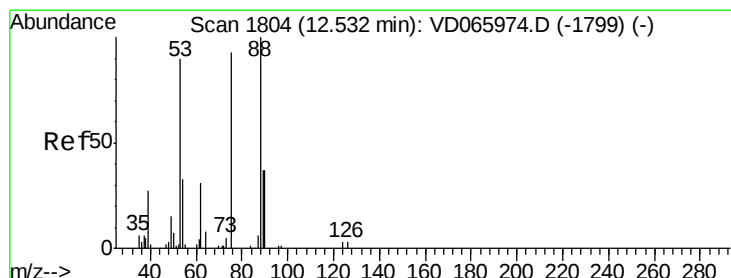
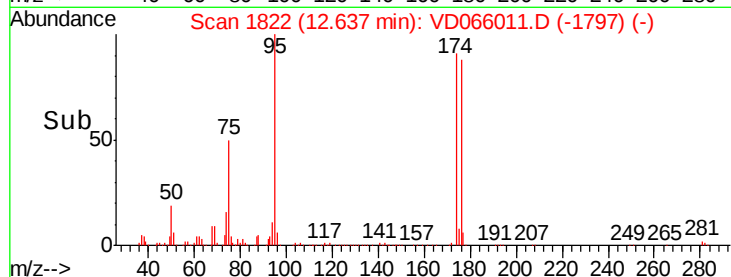
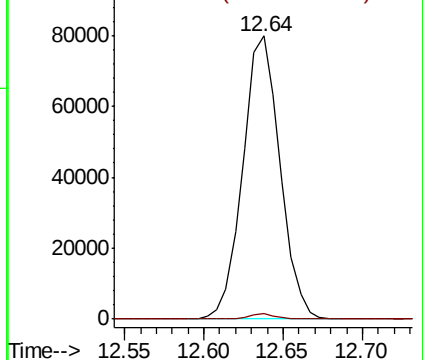
75 100

77 1.5 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: 131.474 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

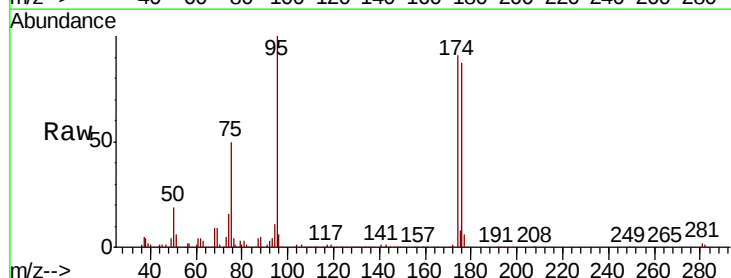
Tgt Ion: 75 Resp: 129934

Ion Ratio Lower Upper

75 100

53 0.1 76.8 115.2#

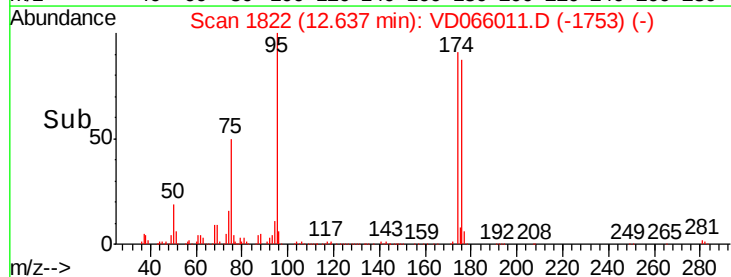
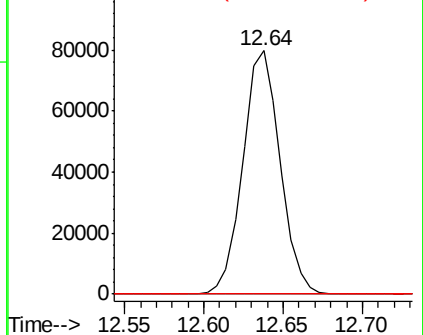
89 0.0 37.0 55.4#

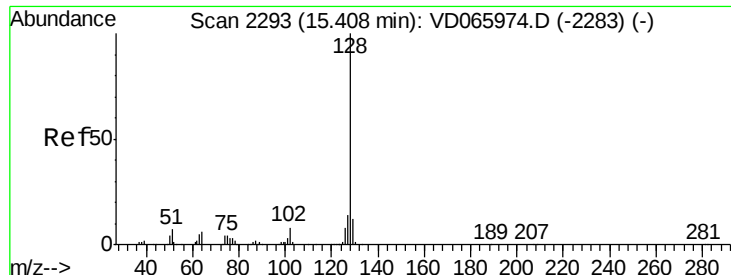


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#95

Naphthalene

Concen: 3.613 ug/l

RT: 15.40 min Scan# 2291

Delta R.T. -0.01 min

Lab File: VD066011.D

Acq: 22 Jul 2020 19:33

Instrument :

MSVOA_D

ClientSampleId :

20017-20405

Tot Ion:128 Resp: 680

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 29.0 8.9 13.3#

