

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066114.D
 Acq On : 30 Jul 2020 16:31
 Operator : VA/SY
 Sample : L3494-06
 Misc : 8.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-01-2-3

Quant Time: Jul 31 02:02:50 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

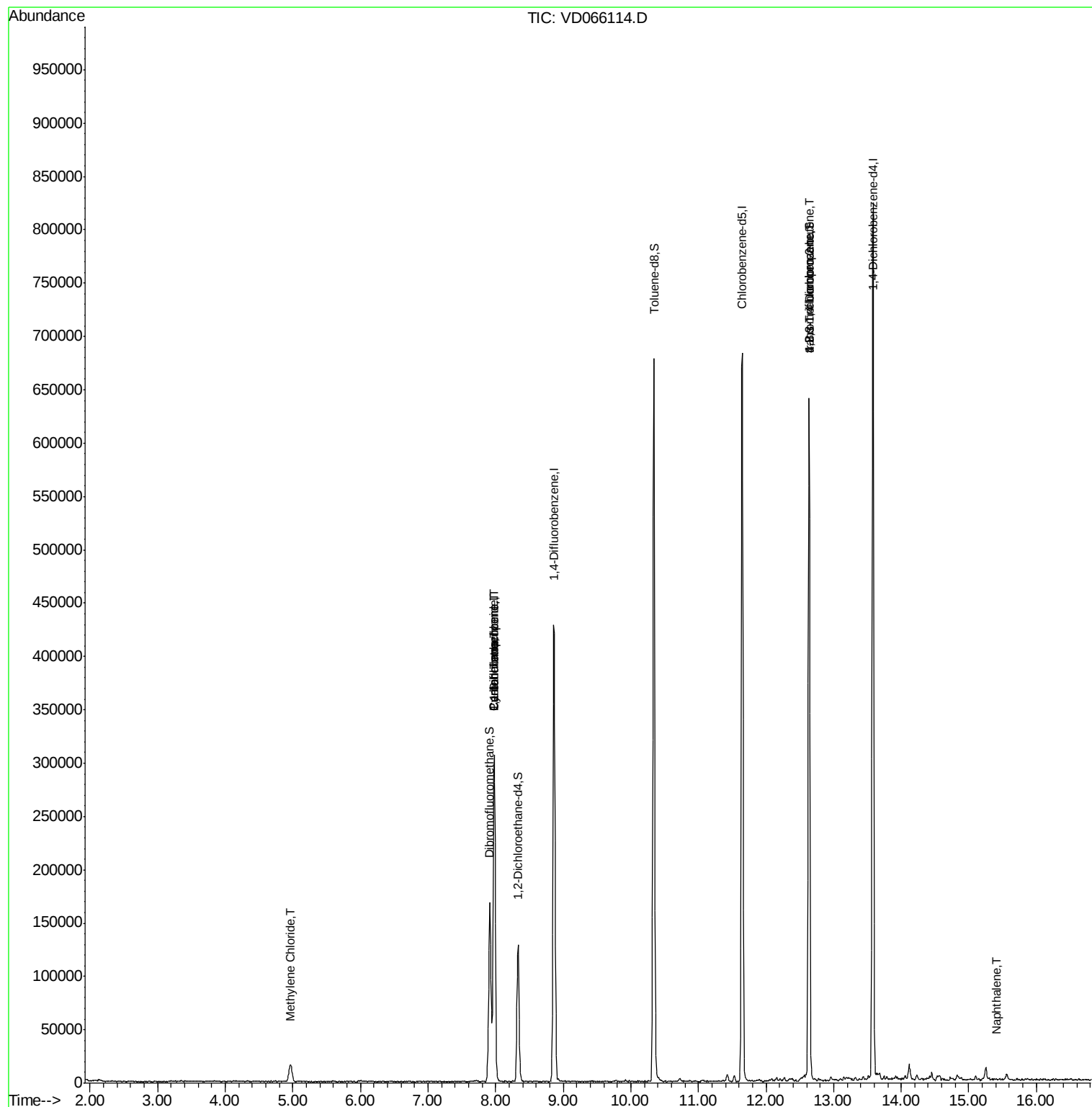
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	243529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	379669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	418344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	107987	54.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.00%	
35) Dibromofluoromethane	7.91	113	117738	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.34	98	470400	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
62) 4-Bromofluorobenzene	12.64	95	198927	66.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.76%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.95	84	13180	3.165	ug/l #	79
31) Cyclohexane	7.97	56	4436	1.245	ug/l #	24
36) 1,1-Dichloropropene	7.98	75	16419	5.067	ug/l #	47
38) Carbon Tetrachloride	7.97	117	22742	6.468	ug/l #	19
76) 1,2,3-Trichloropropane	12.64	75	100549	57.728	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	100549	132.466	ug/l #	11
95) Naphthalene	15.41	128	163	3.568	ug/l #	68

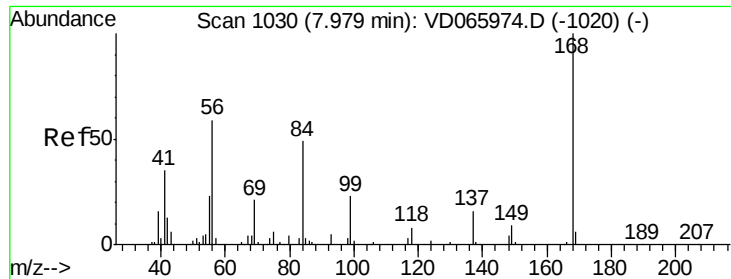
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066114.D
Acq On : 30 Jul 2020 16:31
Operator : VA/SY
Sample : L3494-06
Misc : 8.13G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-01-2-3

Quant Time: Jul 31 02:02:50 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# 1030

Delta R.T. 0.00 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

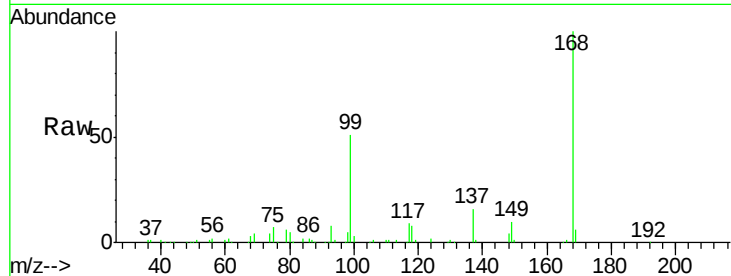
JTY1-SB-01-2-3

Tot Ion:168 Resp: 243529

Ion Ratio Lower Upper

168 100

99 51.2 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

120000

100000

80000

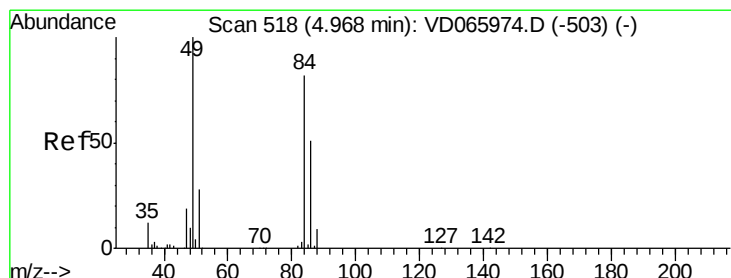
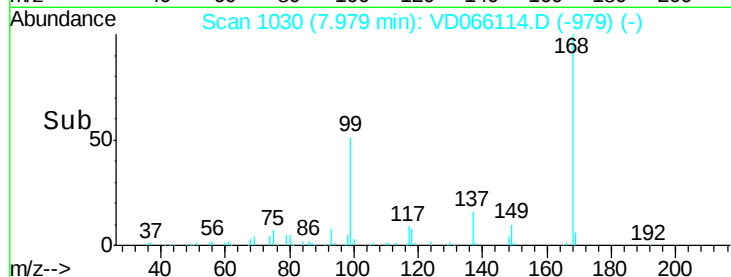
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 3.165 ug/l

RT: 4.95 min Scan# 515

Delta R.T. -0.02 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Tgt Ion: 84 Resp: 13180

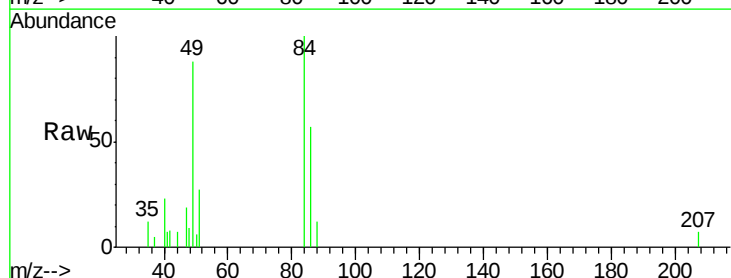
Ion Ratio Lower Upper

84 100

49 87.5 97.7 146.5#

51 27.1 27.4 41.2#

86 57.4 49.4 74.2



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

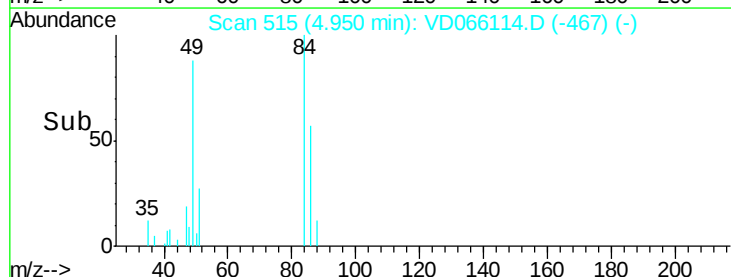
6000

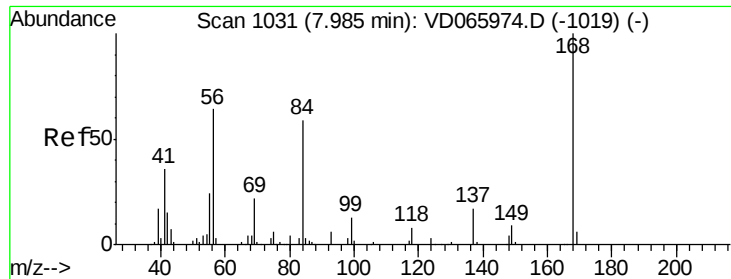
4000

2000

0

Time-->





#31

Cyclohexane

Concen: 1.245 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-01-2-3

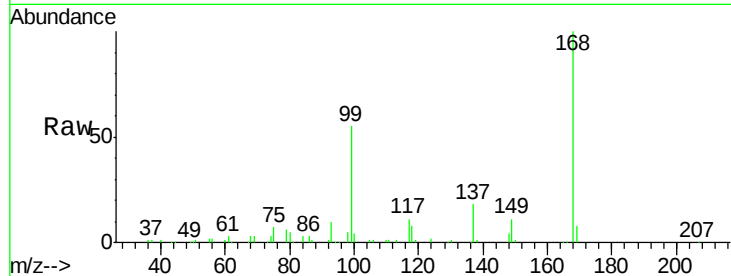
Tot Ion: 56 Resp: 4436

Ion Ratio Lower Upper

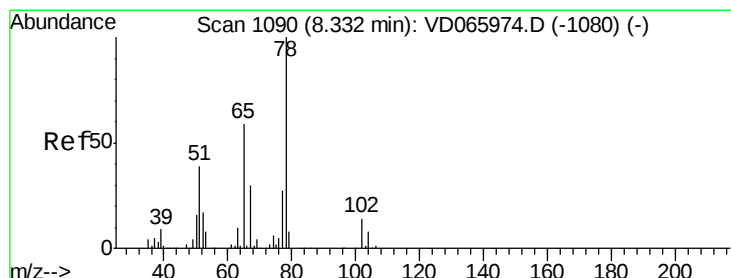
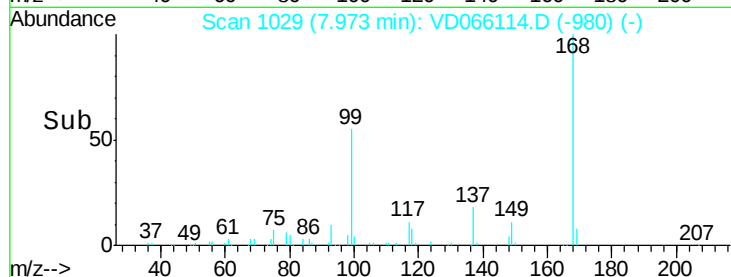
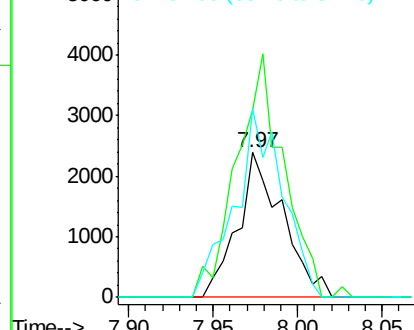
56 100

69 130.1 28.0 42.0#

84 130.6 72.6 109.0#



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: 54.496 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066114.D

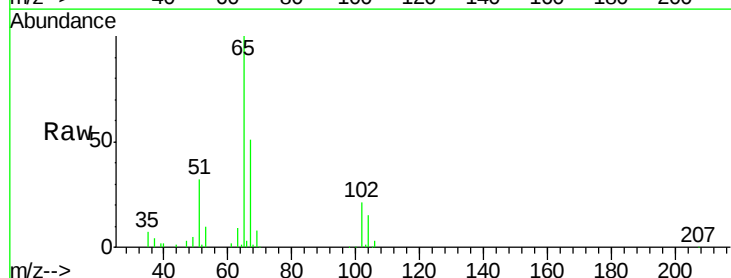
Acq: 30 Jul 2020 16:31

Tgt Ion: 65 Resp: 107987

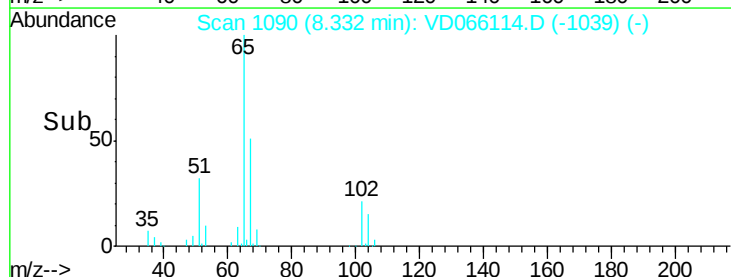
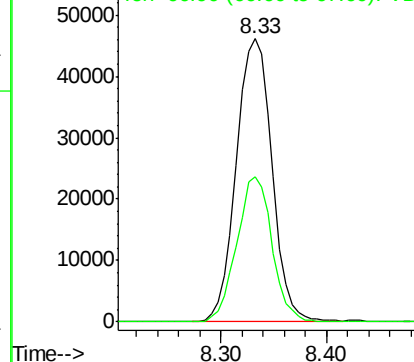
Ion Ratio Lower Upper

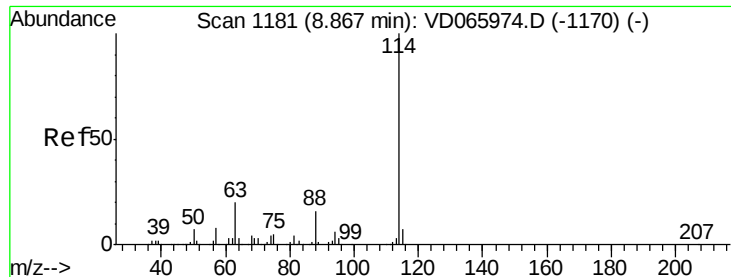
65 100

67 50.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

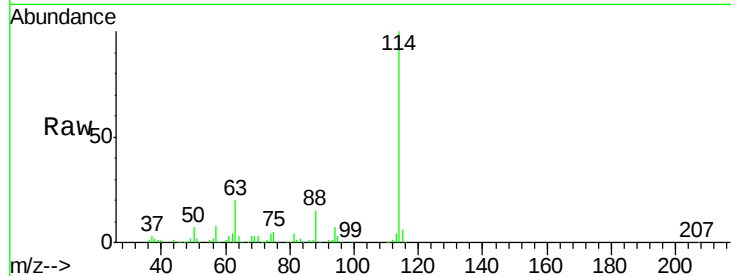




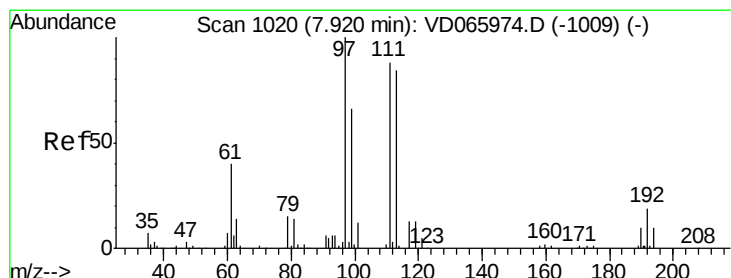
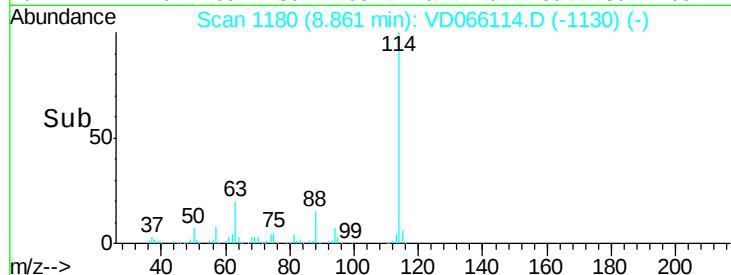
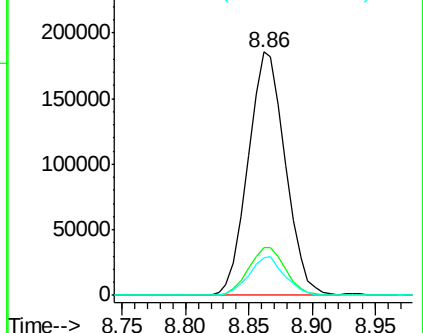
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066114.D
 Acq: 30 Jul 2020 16:31

Instrument :
 MSVOA_D
 ClientSampleId :
 JTY1-SB-01-2-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.4	0.0	31.2

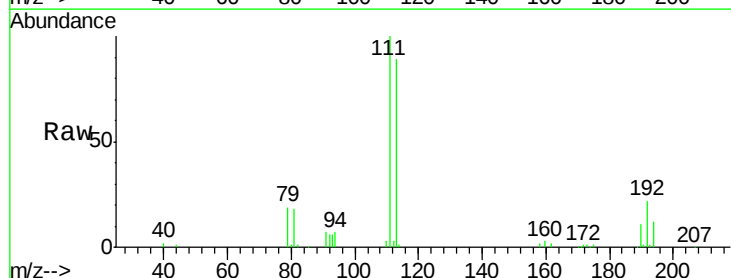


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

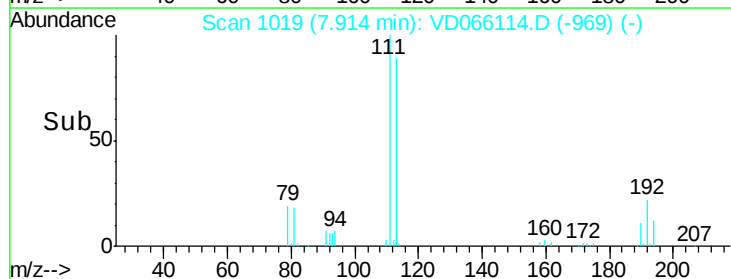
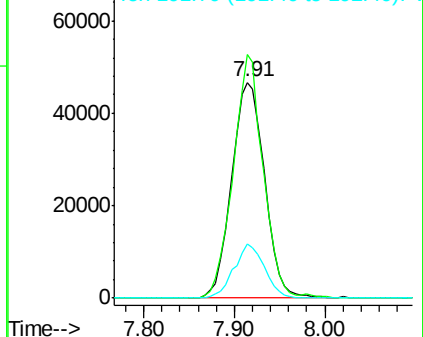


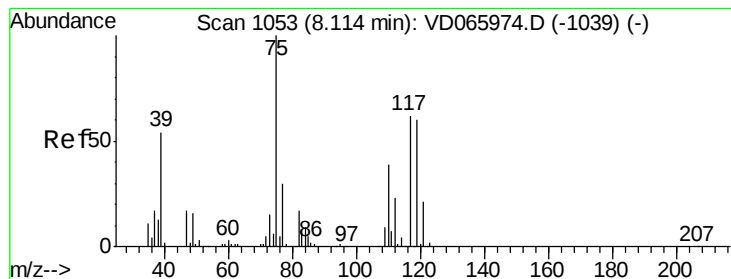
#35
 Dibromofluoromethane
 Concen: 51.128 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066114.D
 Acq: 30 Jul 2020 16:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.2	124.8
192	23.2	18.7	28.1



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: 5.067 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-01-2-3

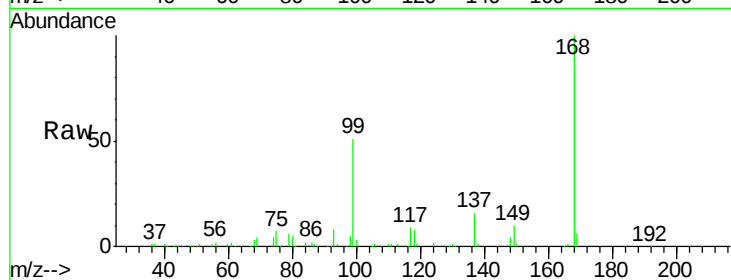
Tot Ion: 75 Resp: 16419

Ion Ratio Lower Upper

75 100

110 8.6 19.5 58.5#

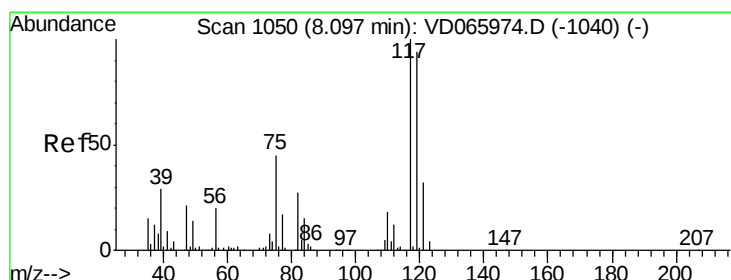
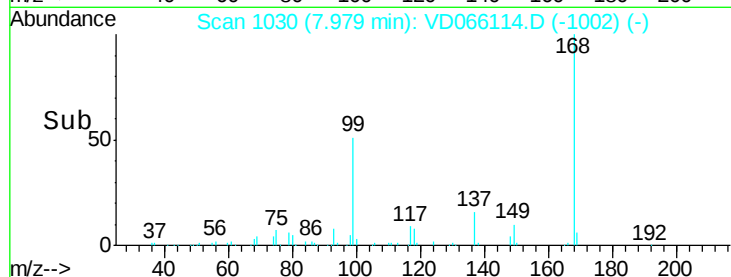
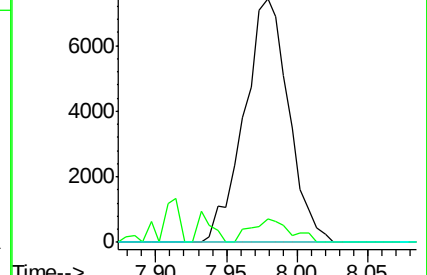
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 6.468 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.12 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

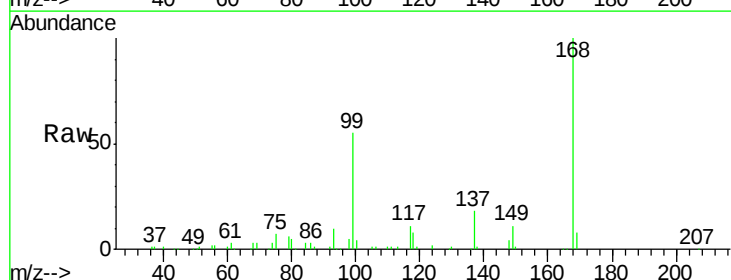
Tgt Ion: 117 Resp: 22742

Ion Ratio Lower Upper

117 100

119 8.1 75.0 112.6#

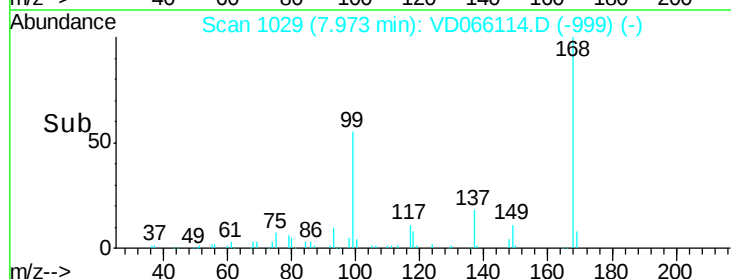
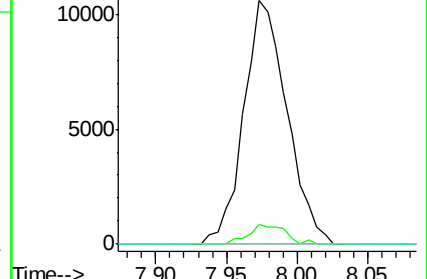
121 0.0 25.5 38.3#

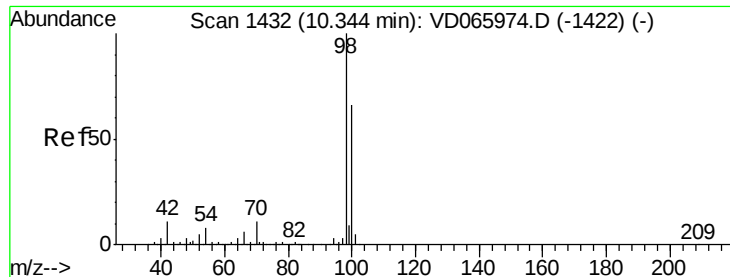


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 54.834 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

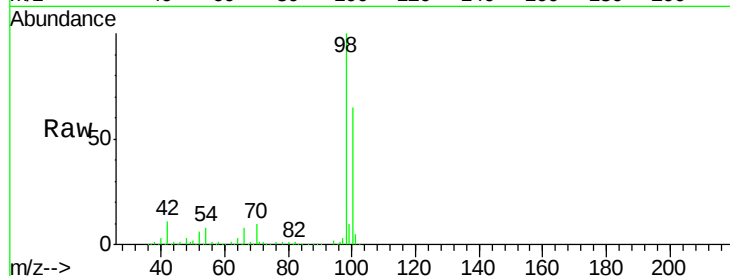
JTY1-SB-01-2-3

Tot Ion: 98 Resp: 470400

Ion Ratio Lower Upper

98 100

100 66.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

250000

200000

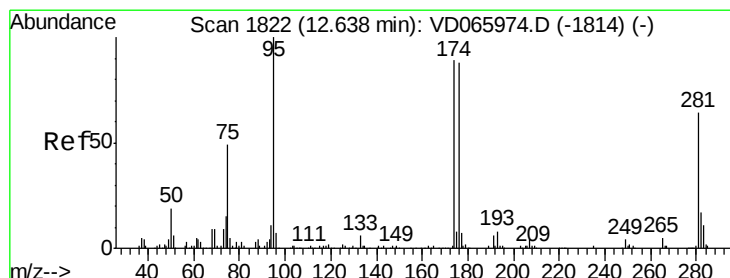
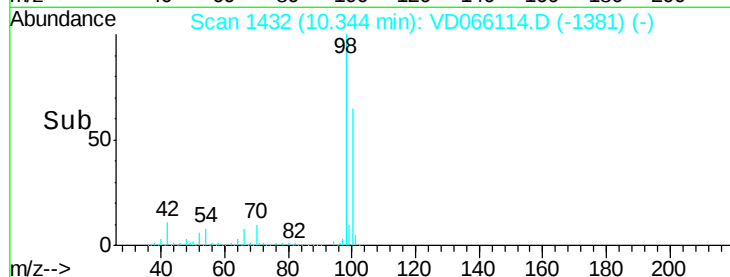
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 66.877 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

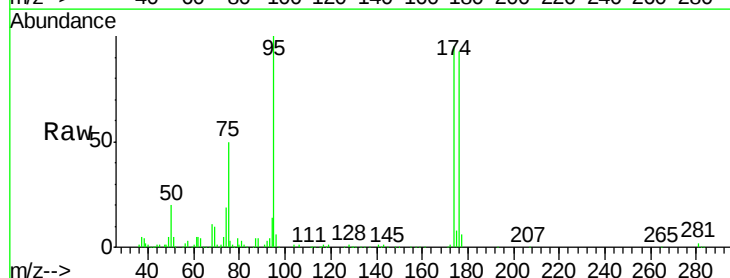
Tgt Ion: 95 Resp: 198927

Ion Ratio Lower Upper

95 100

174 93.6 0.0 178.8

176 90.4 0.0 172.6



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

12.64

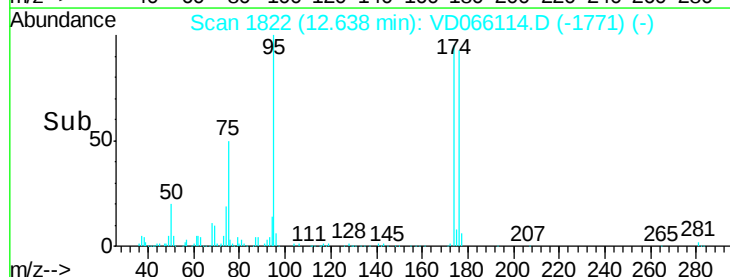
150000

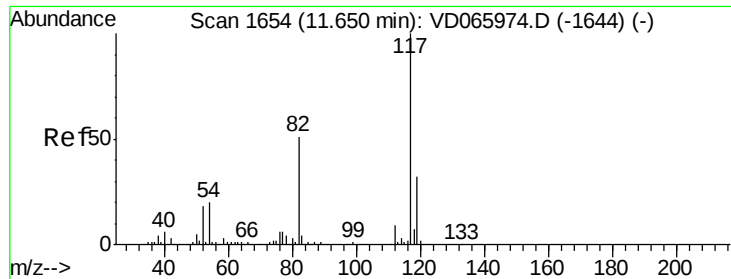
100000

50000

0

Time--> 12.60 12.70

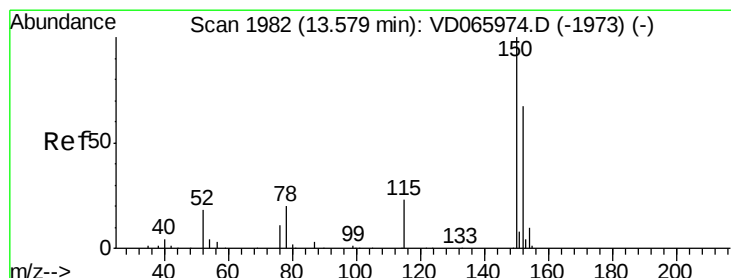
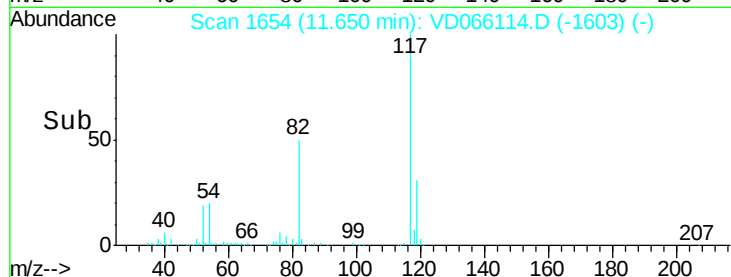
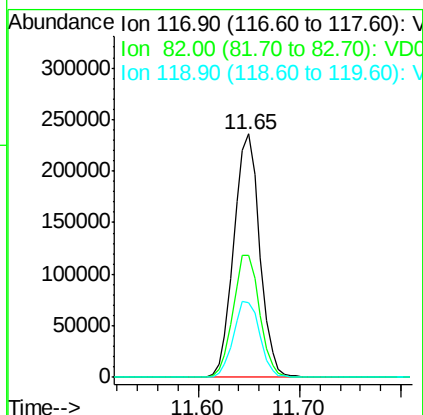
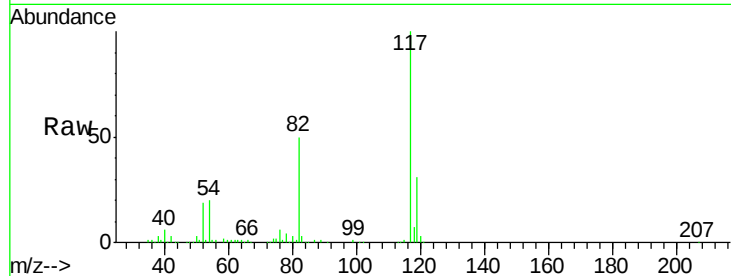




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066114.D
Acq: 30 Jul 2020 16:31

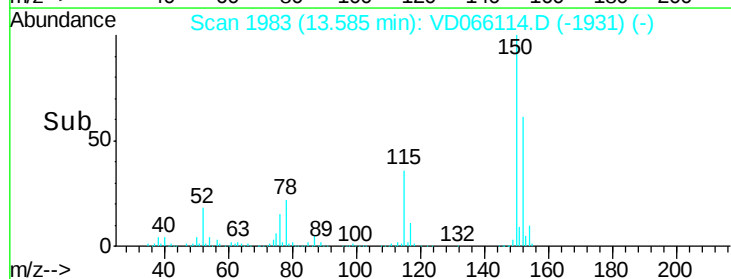
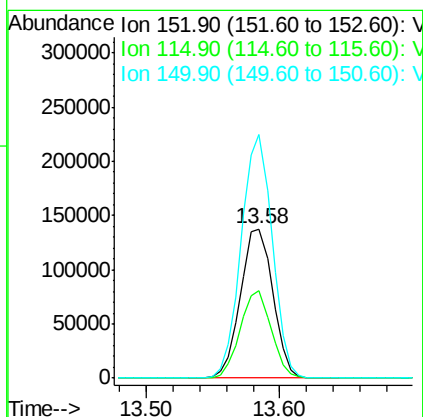
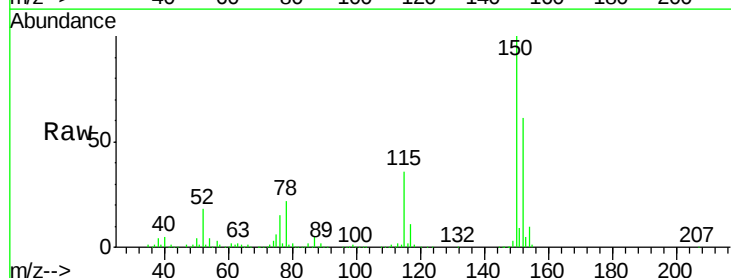
Instrument :
MSVOA_D
ClientSampleId :
JTY1-SB-01-2-3

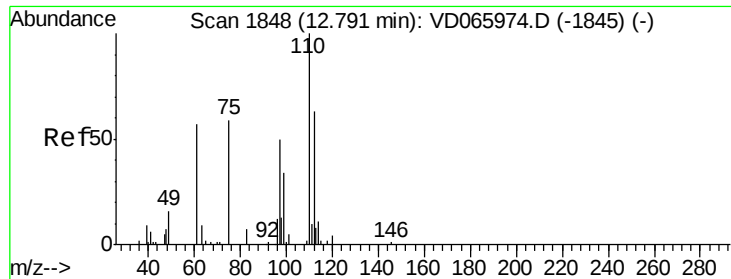
Tot Ion:117 Resp: 418344
Ion Ratio Lower Upper
117 100
82 50.3 41.1 61.7
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066114.D
Acq: 30 Jul 2020 16:31

Tgt Ion:152 Resp: 231326
Ion Ratio Lower Upper
152 100
115 56.0 27.9 83.7
150 156.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 57.728 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

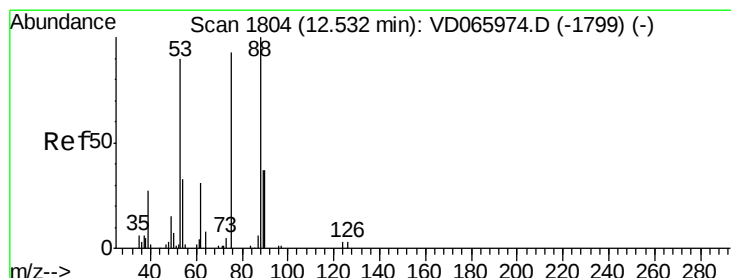
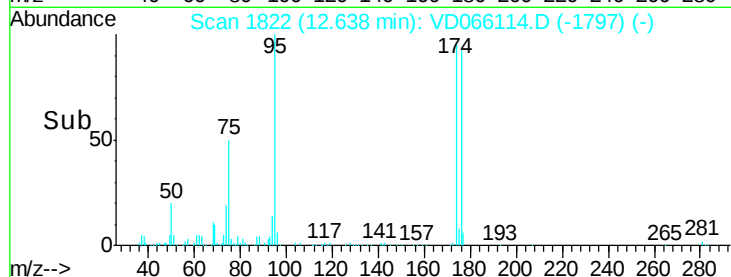
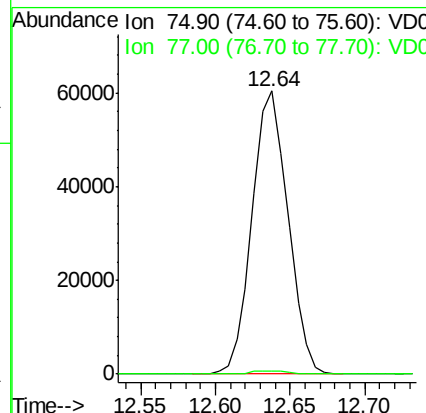
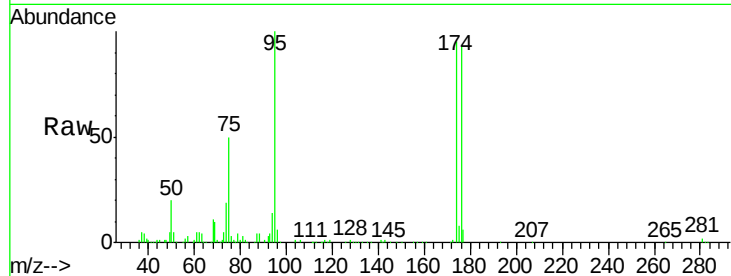
JTY1-SB-01-2-3

Tot Ion: 75 Resp: 100549

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.466 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD066114.D

Acq: 30 Jul 2020 16:31

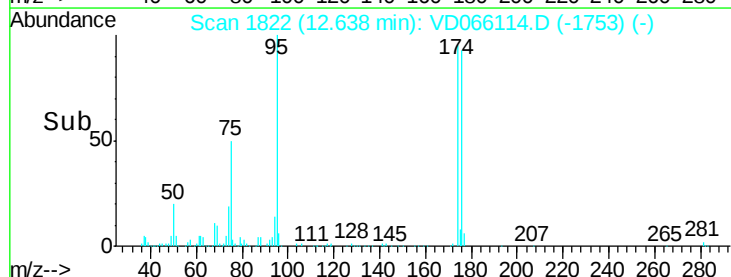
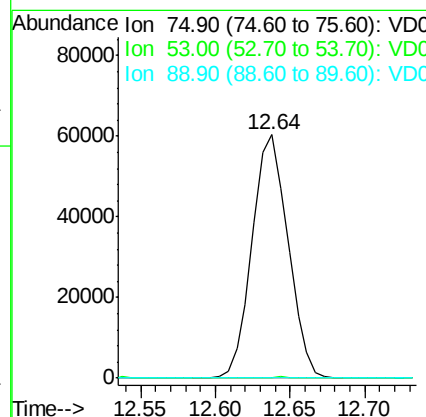
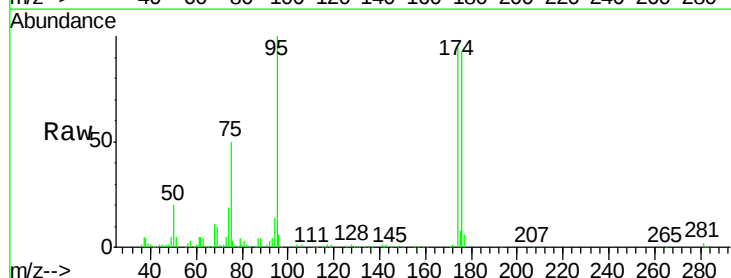
Tgt Ion: 75 Resp: 100549

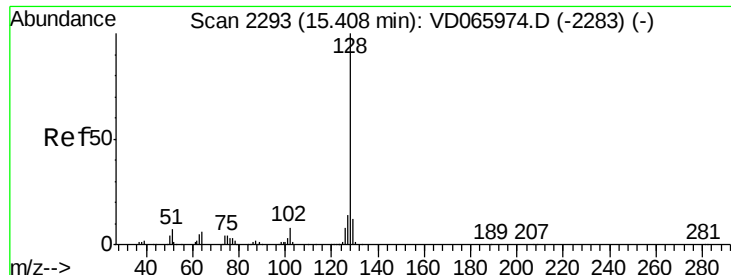
Ion Ratio Lower Upper

75 100

53 0.1 76.8 115.2#

89 0.0 37.0 55.4#





#95

Naphthalene

Concen: 3.568 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066114.D

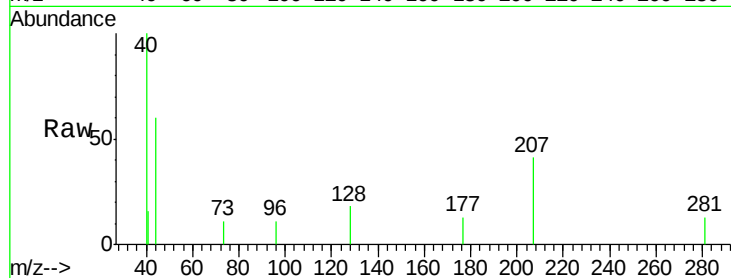
Acq: 30 Jul 2020 16:31

Instrument :

MSVOA_D

ClientSampleId :

JTY1-SB-01-2-3



Tot Ion:	128	Resp:	163
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.9	13.3#

