

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066102.D
 Acq On : 30 Jul 2020 10:43
 Operator : VA/SY
 Sample : VD0730SBL01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 31 01:51:44 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	229687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	367406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	413398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	223372	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	107916	57.74	ug/l	0.00
Spiked Amount						
			Recovery	=	115.48%	
35) Dibromofluoromethane	7.91	113	114615	51.43	ug/l	0.00
Spiked Amount						
			Recovery	=	102.86%	
50) Toluene-d8	10.34	98	455359	54.85	ug/l	0.00
Spiked Amount						
			Recovery	=	109.70%	
62) 4-Bromofluorobenzene	12.64	95	191149	66.41	ug/l	0.00
Spiked Amount						
			Recovery	=	132.82%	

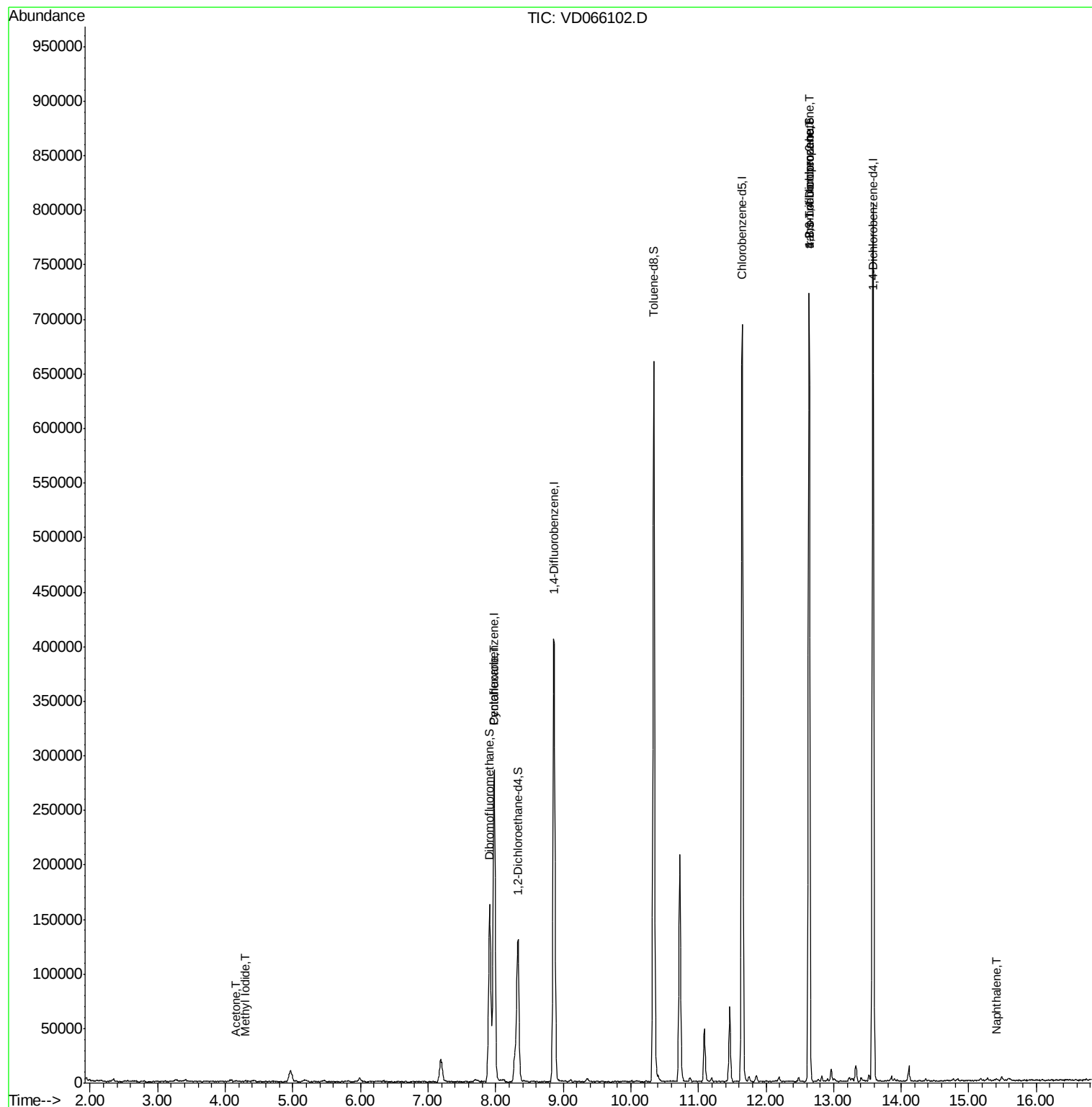
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.78	94	485	Below Cal	#	4
10) Methyl Iodide	4.30	142	459	9.001	ug/l #	77
11) Tert butyl alcohol	5.23	59	227	Below Cal	#	83
16) Acetone	4.15	43	1431	3.783	ug/l #	42
31) Cyclohexane	7.98	56	4726	1.406	ug/l #	32
76) 1,2,3-Trichloropropane	12.64	75	99936	59.419	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	99936	136.347	ug/l #	11
95) Naphthalene	15.41	128	1842	3.788	ug/l #	77

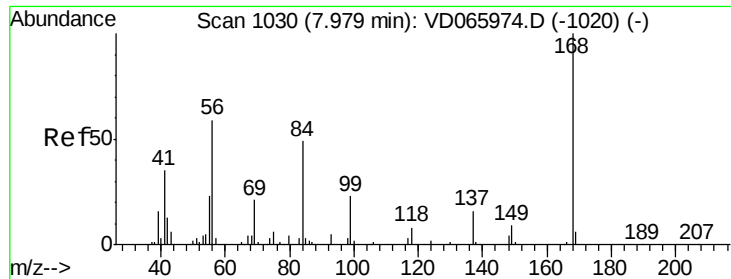
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073020\
Data File : VD066102.D
Acq On : 30 Jul 2020 10:43
Operator : VA/SY
Sample : VD0730SBL01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Quant Time: Jul 31 01:51:44 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: VD066102.D

Acq: 30 Jul 2020 10:43

Instrument :

MSVOA_D

ClientSampleId :

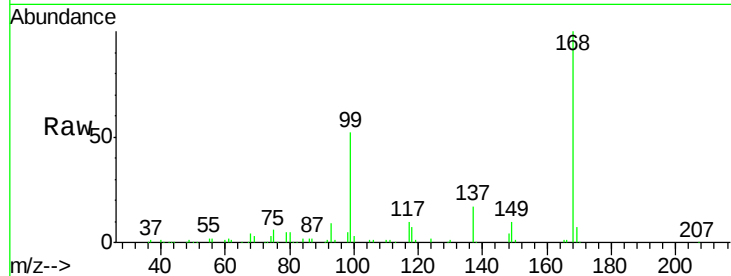
VD0730SBL01

Tot Ion:168 Resp: 229687

Ion Ratio Lower Upper

168 100

99 51.6 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

100000

80000

60000

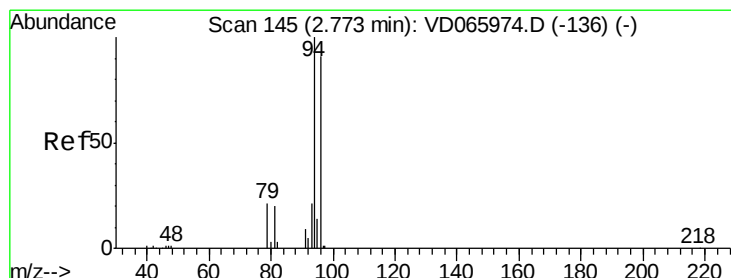
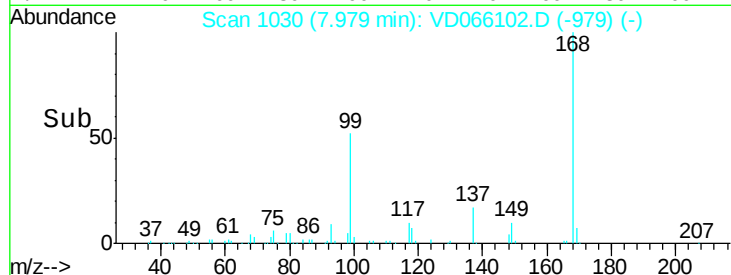
40000

20000

0

Time-->

7.90 8.00 8.10



#5

Bromomethane

Concen: Below Cal

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD066102.D

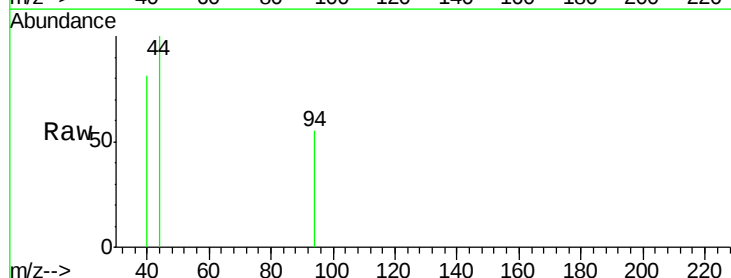
Acq: 30 Jul 2020 10:43

Tgt Ion: 94 Resp: 485

Ion Ratio Lower Upper

94 100

96 0.0 73.0 109.4#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.78

400

300

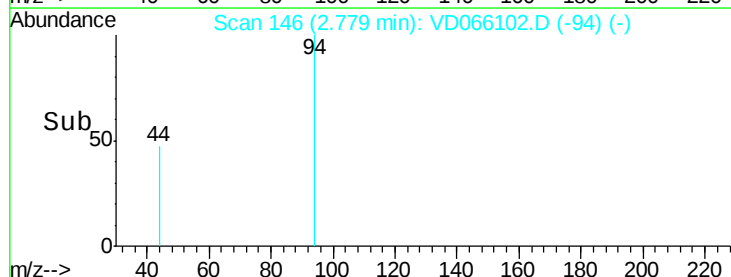
200

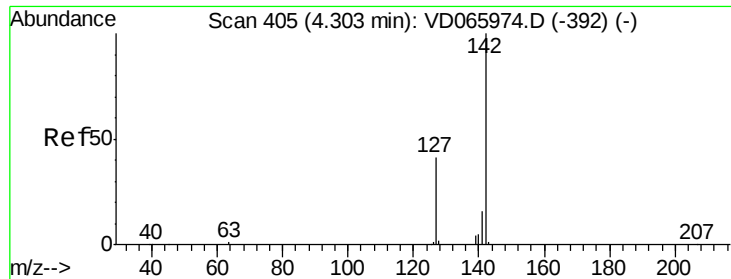
100

0

Time-->

2.74 2.76 2.78 2.80 2.82

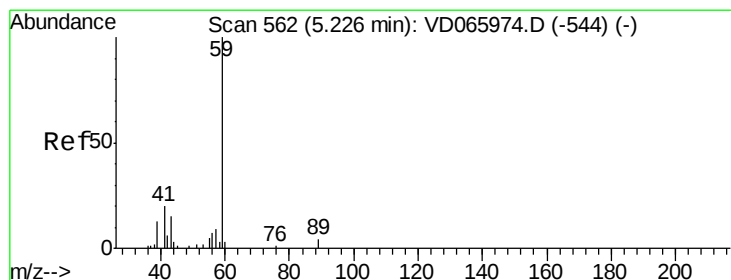
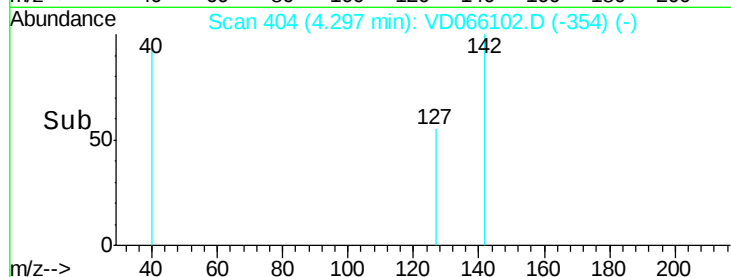
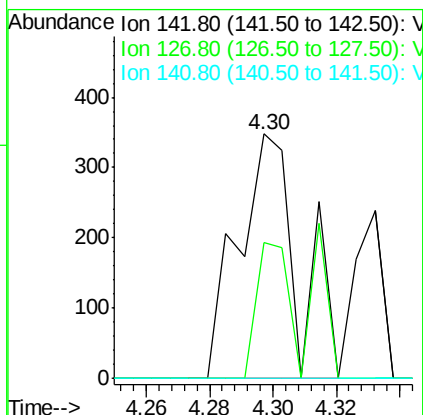
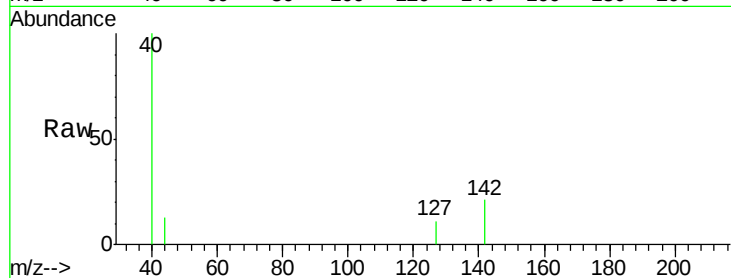




#10
Methyl Iodide
Concen: 9.001 ug/l
RT: 4.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

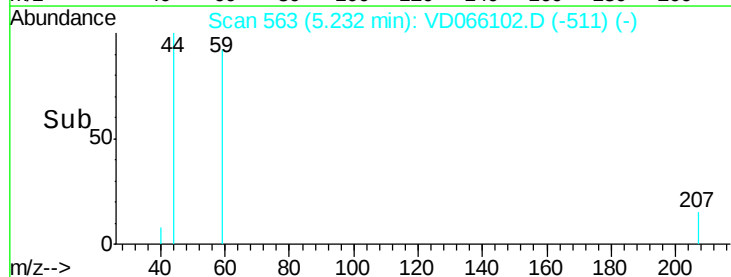
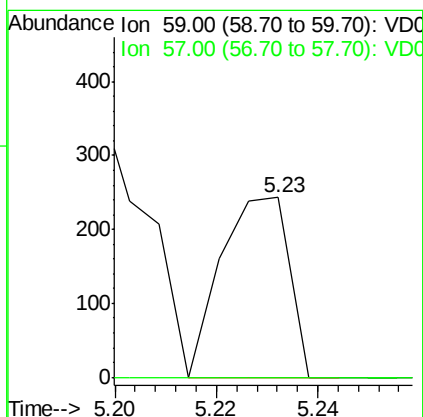
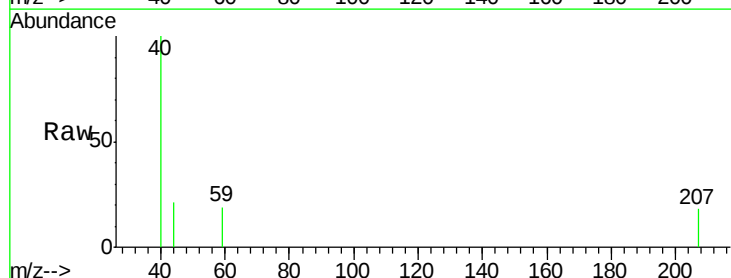
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

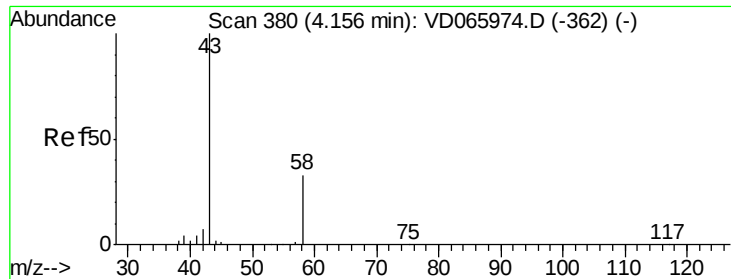
Tot Ion:142 Resp: 459
Ion Ratio Lower Upper
142 100
127 29.2 32.9 49.3#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.23 min Scan# 563
Delta R.T. 0.01 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#





#16

Acetone

Concen: 3.783 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066102.D

Acq: 30 Jul 2020 10:43

Instrument :

MSVOA_D

ClientSampleId :

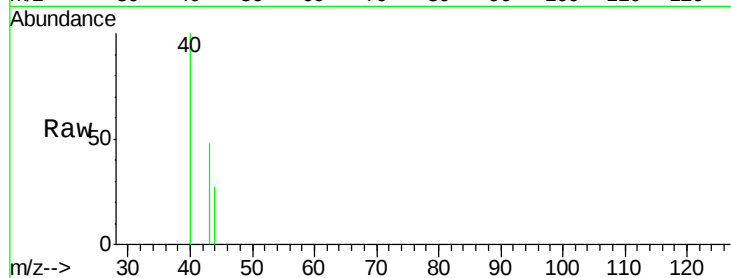
VD0730SBL01

Tot Ion: 43 Resp: 1431

Ion Ratio Lower Upper

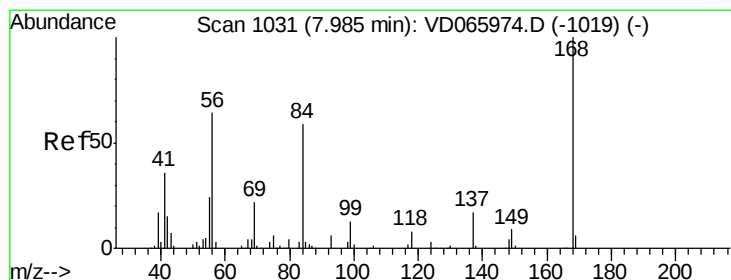
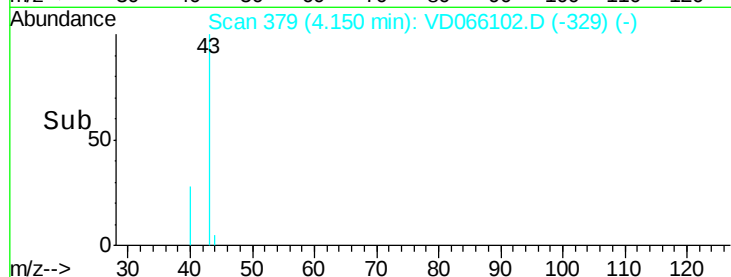
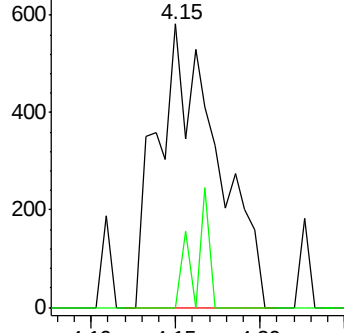
43 100

58 0.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#31

Cyclohexane

Concen: 1.406 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066102.D

Acq: 30 Jul 2020 10:43

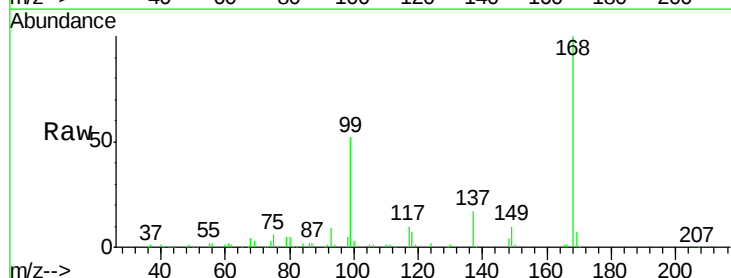
Tgt Ion: 56 Resp: 4726

Ion Ratio Lower Upper

56 100

69 146.6 28.0 42.0#

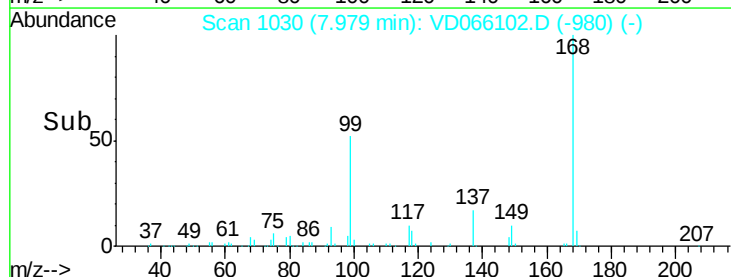
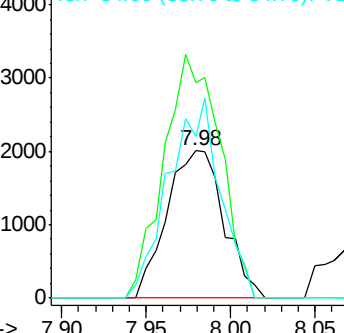
84 109.5 72.6 109.0#

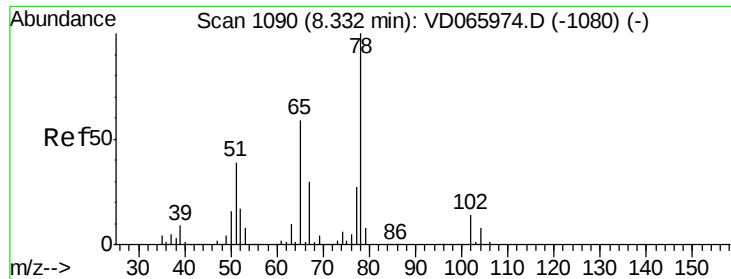


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.00 (83.70 to 84.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 57.742 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066102.D

Acq: 30 Jul 2020 10:43

Instrument :

MSVOA_D

ClientSampleId :

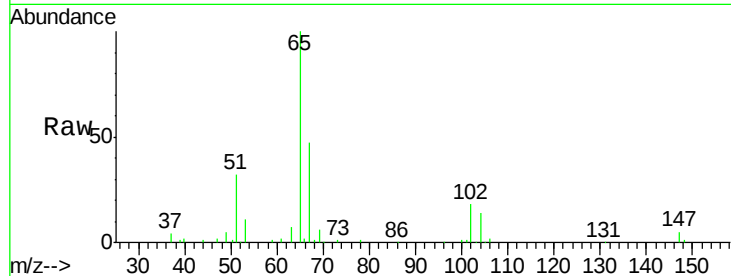
VD0730SBL01

Tot Ion: 65 Resp: 107916

Ion Ratio Lower Upper

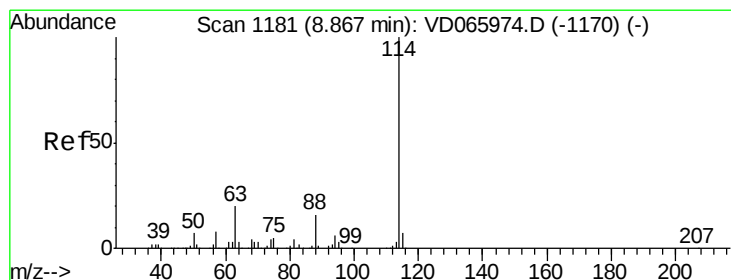
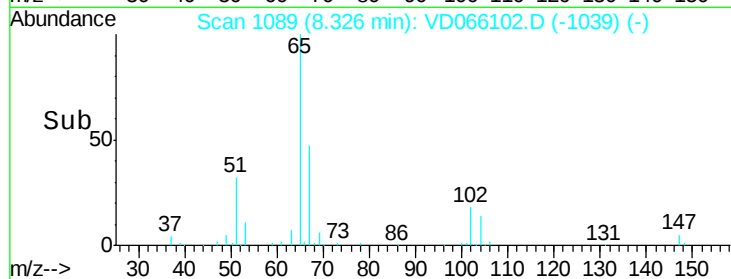
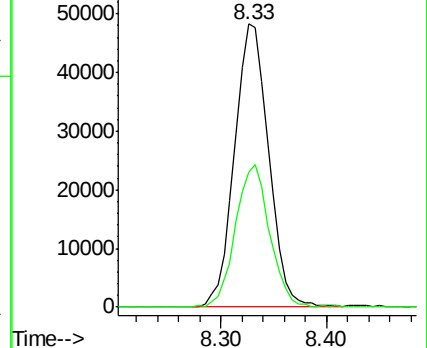
65 100

67 50.1 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: VD066102.D

Acq: 30 Jul 2020 10:43

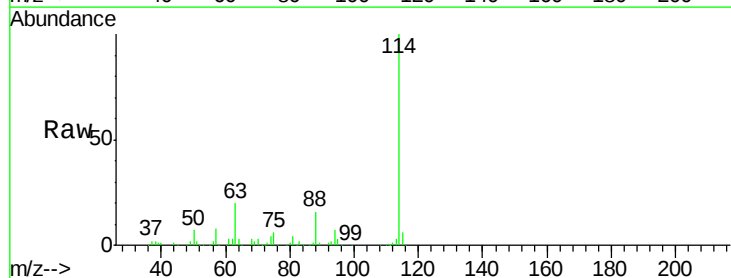
Tgt Ion: 114 Resp: 367406

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

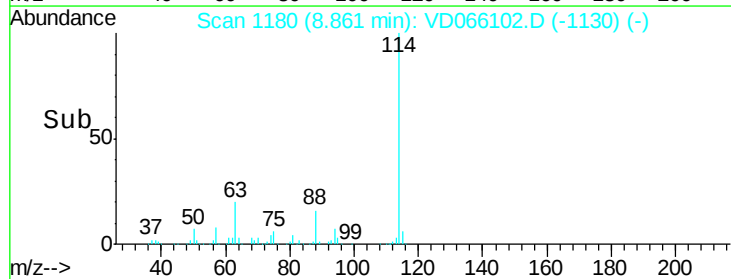
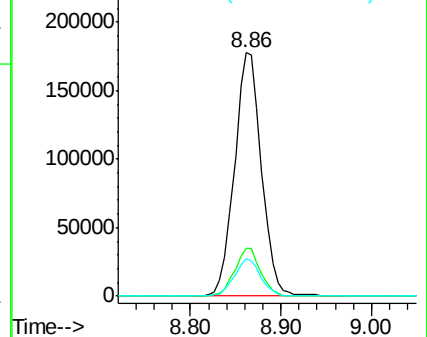
88 15.6 0.0 31.2

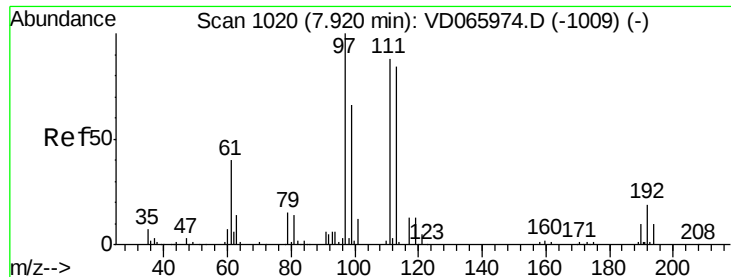


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

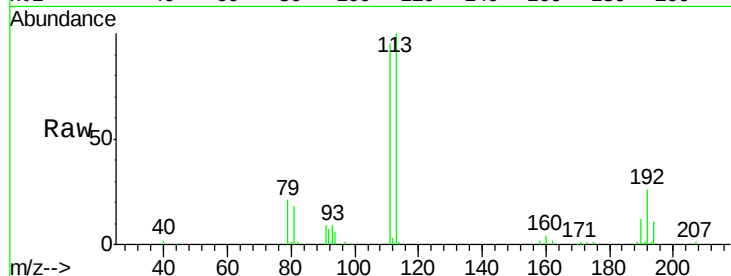




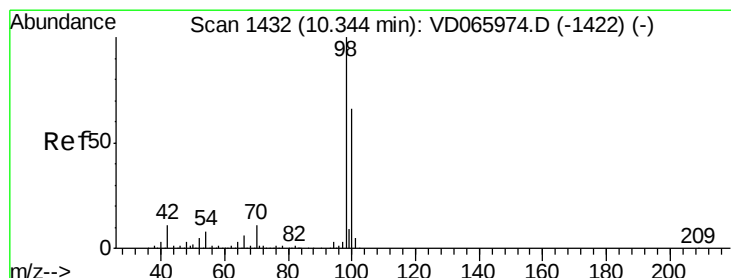
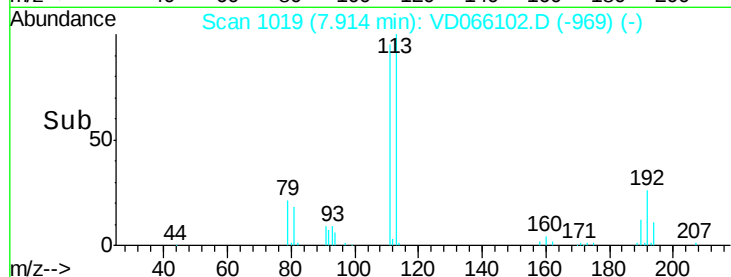
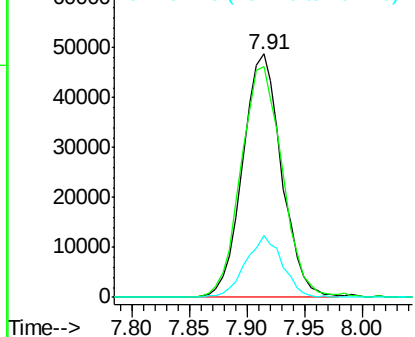
#35
Dibromofluoromethane
Concen: 51.433 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion:113 Resp: 114615
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 24.2 18.7 28.1

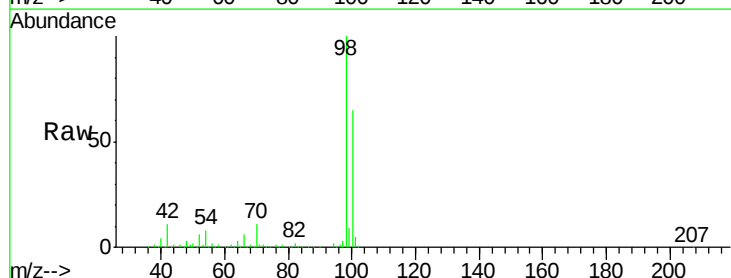


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

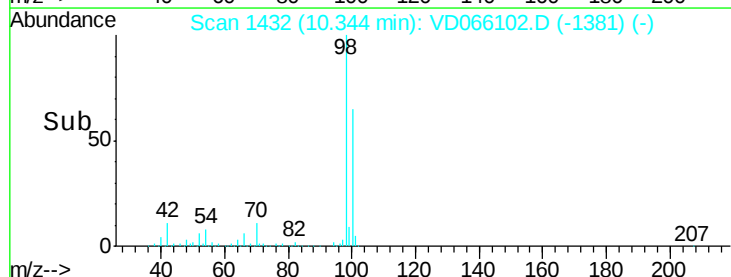
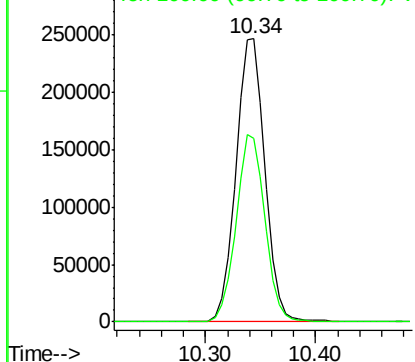


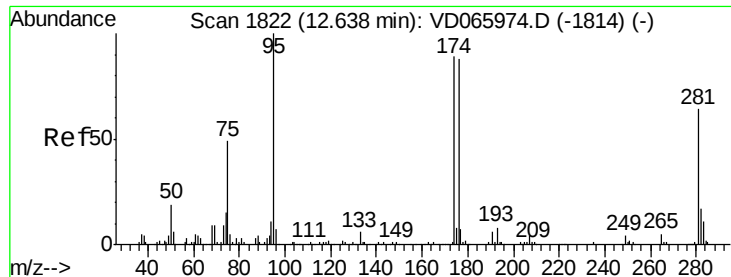
#50
Toluene-d8
Concen: 54.853 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Tgt Ion: 98 Resp: 455359
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



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

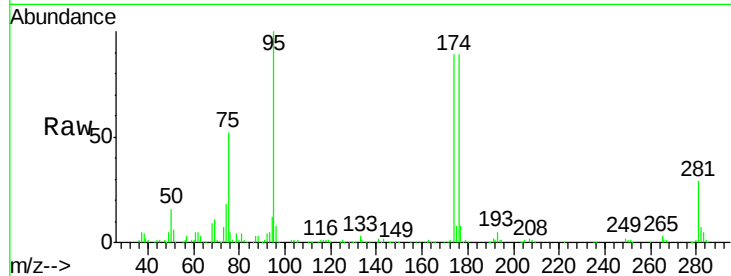




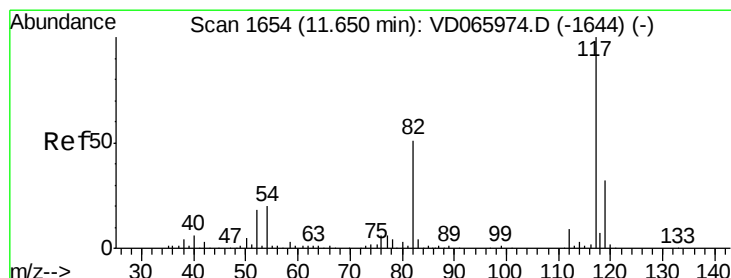
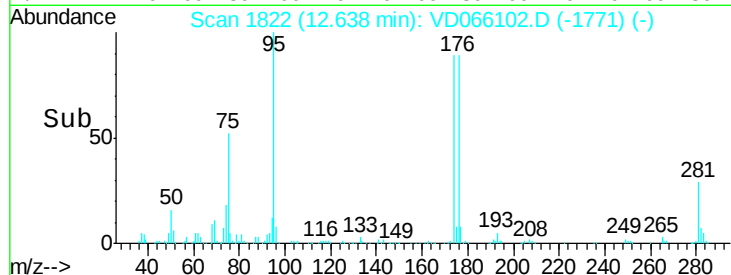
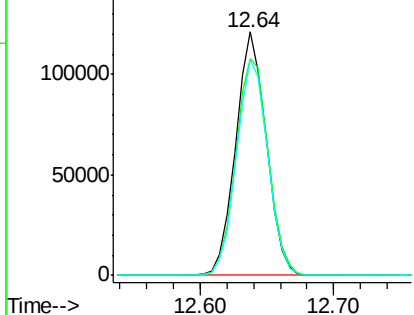
#62
4-Bromofluorobenzene
Concen: 66.407 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion: 95 Resp: 191149
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.8
176 91.2 0.0 172.6

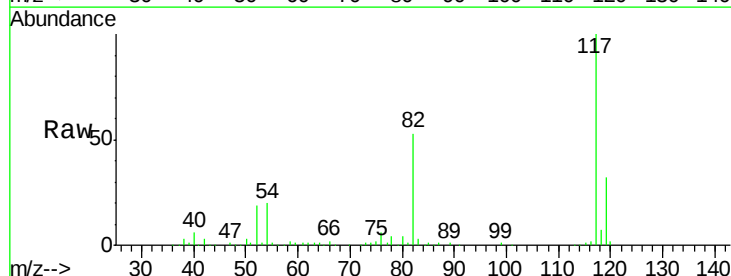


Abundance Ion 94.90 (94.60 to 95.60): V
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

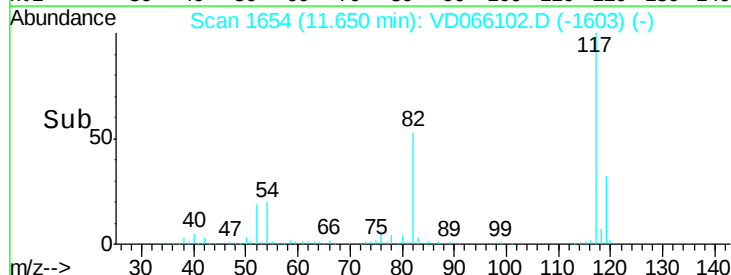
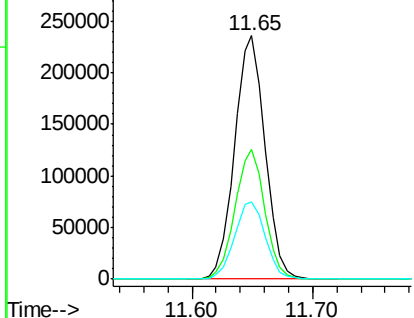


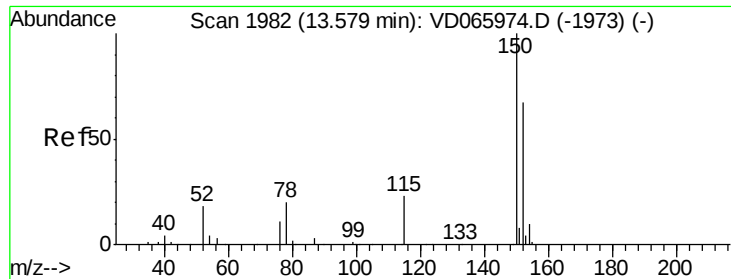
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Tgt Ion: 117 Resp: 413398
Ion Ratio Lower Upper
117 100
82 53.5 41.1 61.7
119 31.6 25.9 38.9



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# 1983

Delta R.T. 0.01 min

Lab File: VD066102.D

Acq: 30 Jul 2020 10:43

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

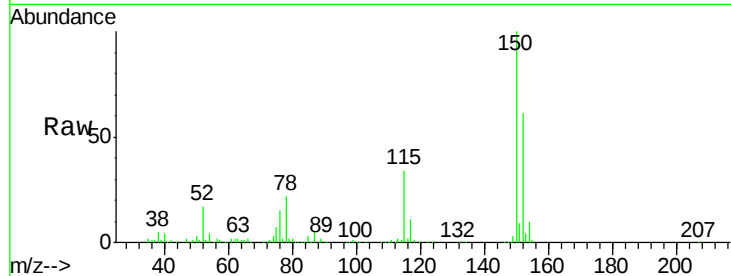
Tot Ion:152 Resp: 223372

Ion Ratio Lower Upper

152 100

115 56.8 27.9 83.7

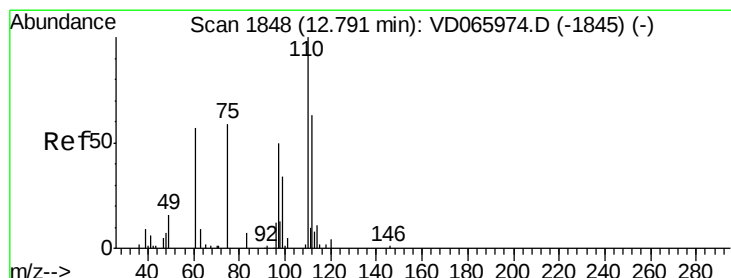
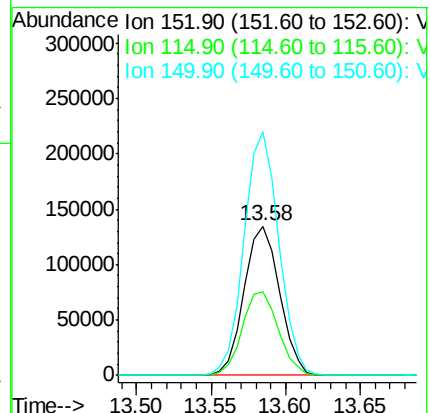
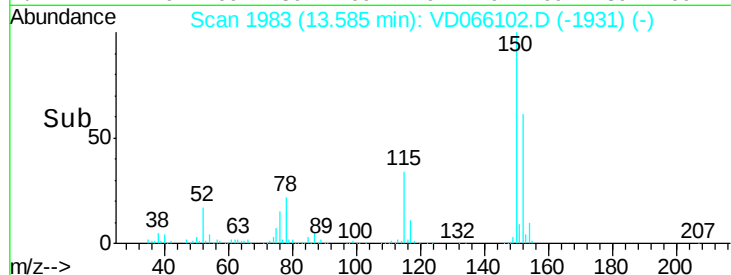
150 159.0 0.0 348.2



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: 59.419 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD066102.D

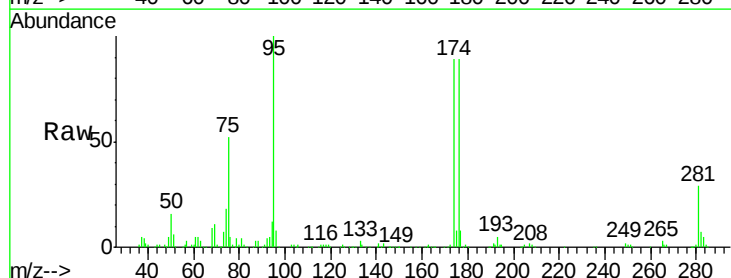
Acq: 30 Jul 2020 10:43

Tgt Ion: 75 Resp: 99936

Ion Ratio Lower Upper

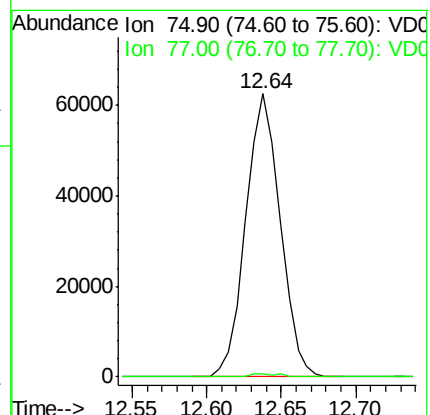
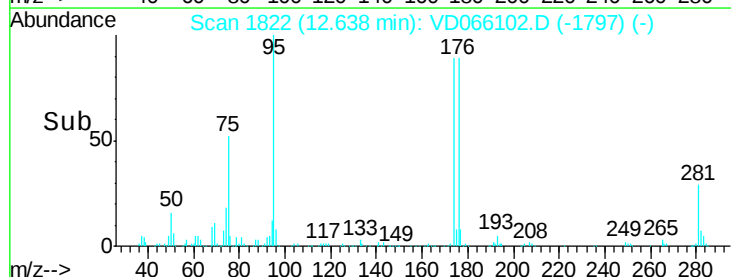
75 100

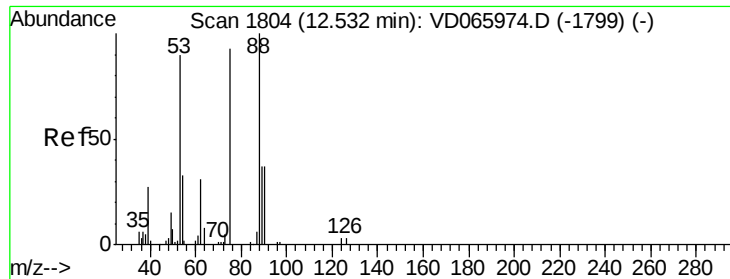
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

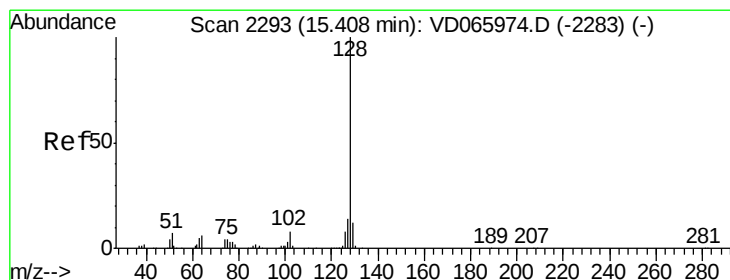
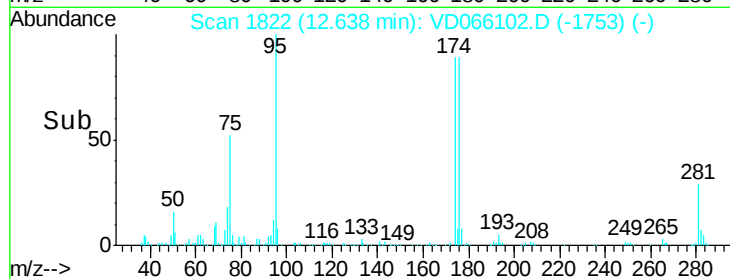
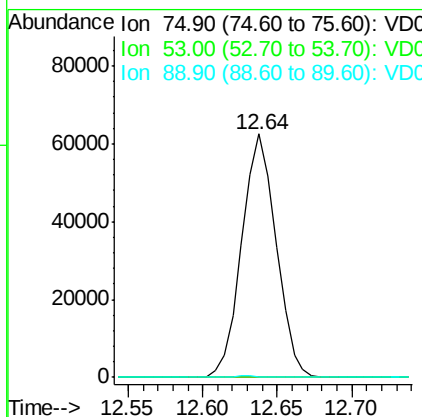
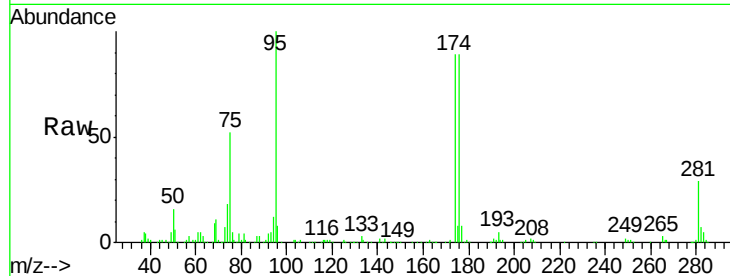




#81
trans-1,4-Dichloro-2-butene
Concen: 136.347 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tot Ion: 75 Resp: 99936
Ion Ratio Lower Upper
75 100
53 0.0 76.8 115.2#
89 0.3 37.0 55.4#



#95
Naphthalene
Concen: 3.788 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066102.D
Acq: 30 Jul 2020 10:43

Tgt Ion: 128 Resp: 1842
Ion Ratio Lower Upper
128 100
127 3.6 10.8 16.2#
129 3.0 8.9 13.3#

