

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031319\
 Data File : VD061053.D
 Acq On : 13 Mar 2019 20:16
 Operator : VA/AP
 Sample : K1824-13
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

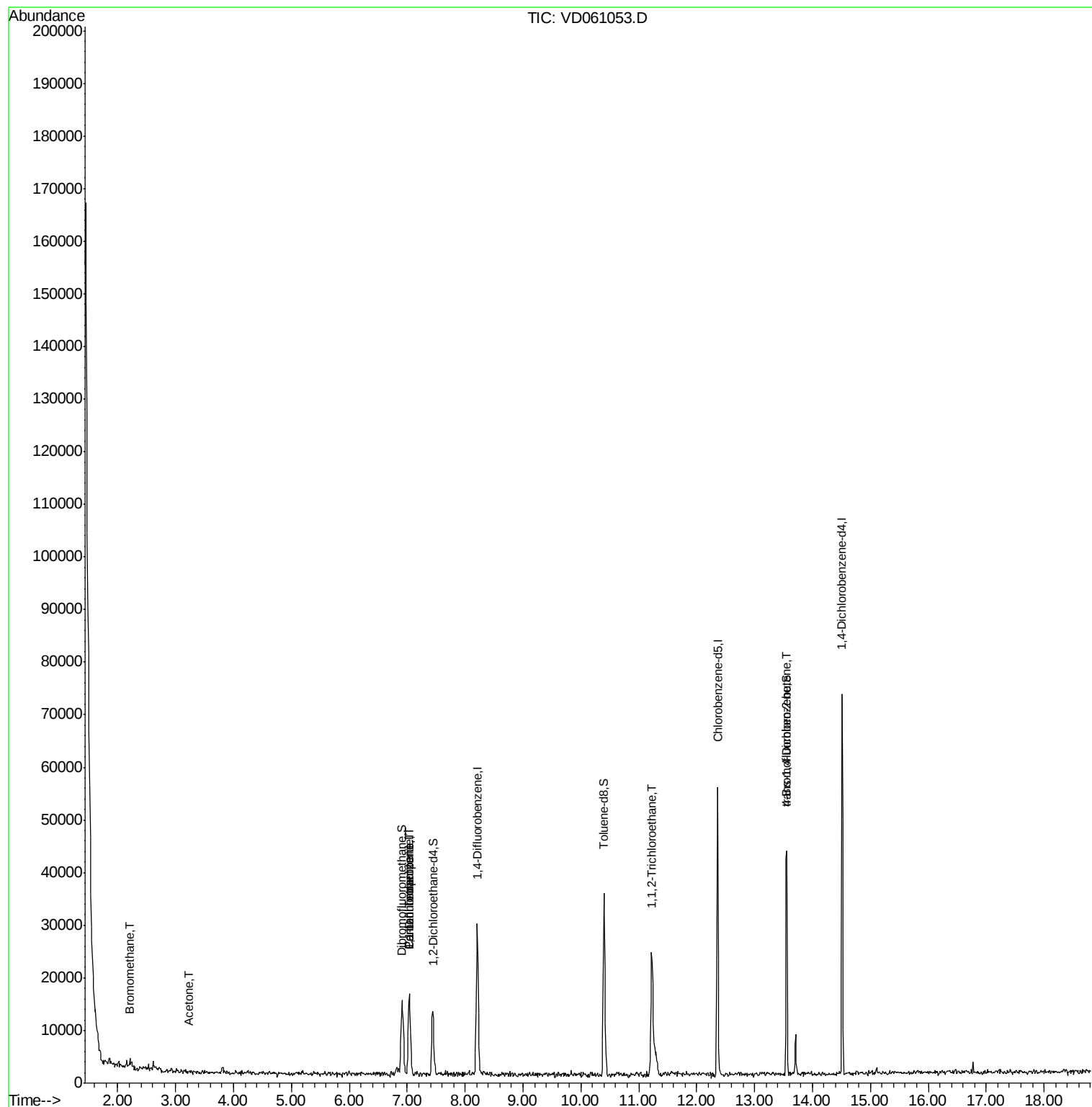
Quant Time: Mar 14 02:03:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

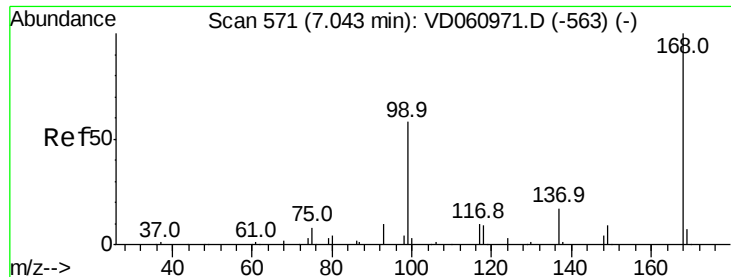
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	17778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	38532	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	38123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	17496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	12398	83.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	167.56%	
35) Dibromofluoromethane	6.91	113	14317	50.07	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	100.14%	
50) Toluene-d8	10.39	98	32866	45.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.54%	
62) 4-Bromofluorobenzene	13.54	95	15444	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.21	94	892	34.857	ug/l #	8
16) Acetone	3.24	43	206	4.868	ug/l #	48
20) Methylene Chloride	3.80	84	615	Below Cal	#	43
36) 1,1-Dichloropropene	7.04	75	520	1.566	ug/l #	39
38) Carbon Tetrachloride	7.04	117	1368	3.739	ug/l #	11
55) 1,1,2-Trichloroethane	11.22	97	715	4.160	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.54	75	5472	73.737	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061053.D

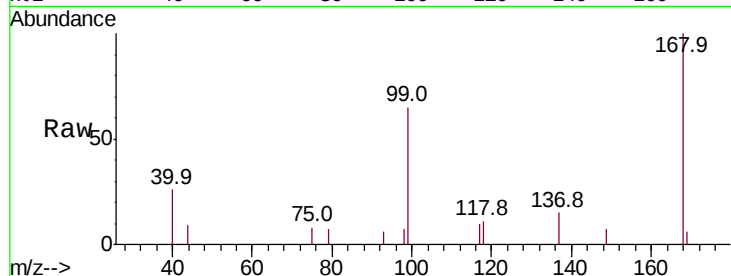
Acq: 13 Mar 2019 20:16

Tot Ion:168 Resp: 17778

Ion Ratio Lower Upper

168 100

99 64.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

6000

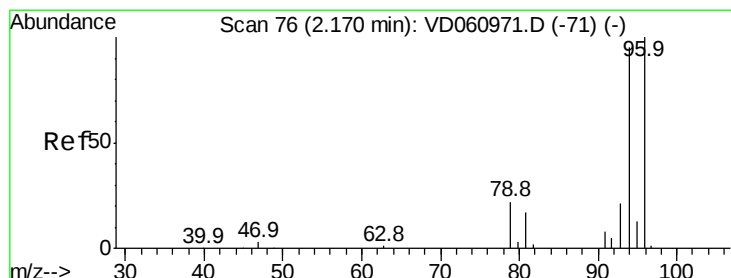
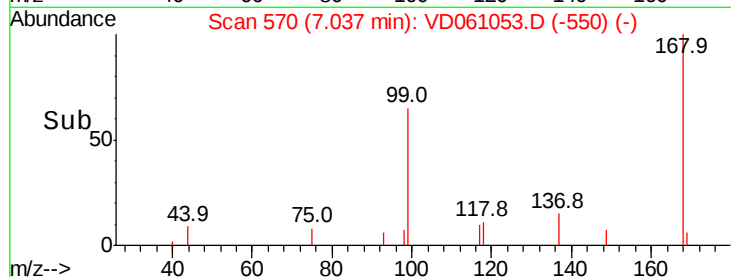
4000

2000

0

Time-->

6.95 7.00 7.05 7.10 7.15



#5

Bromomethane

Concen: 34.857 ug/l

RT: 2.21 min Scan# 80

Delta R.T. 0.04 min

Lab File: VD061053.D

Acq: 13 Mar 2019 20:16

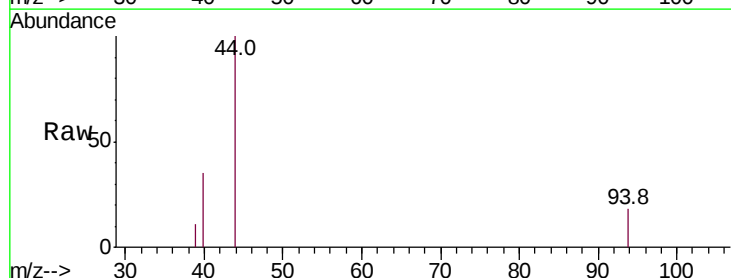
Tgt Ion: 94 Resp: 892

Ion Ratio Lower Upper

94 100

96 0.0 84.0 126.0#

93 0.0 17.3 25.9#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

2.21

600

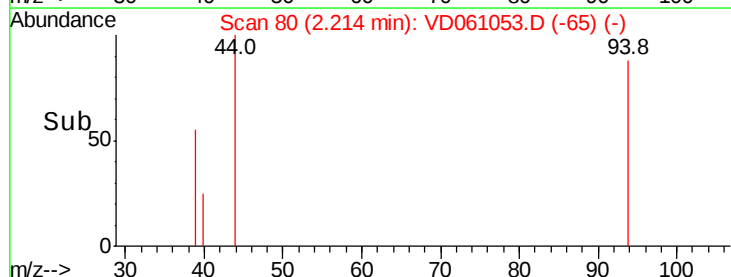
400

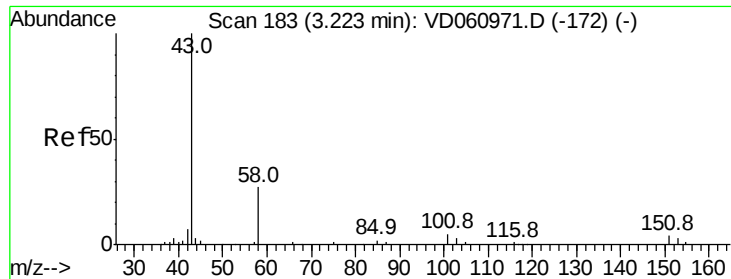
200

0

Time-->

2.15 2.20 2.25





#16

Acetone

Concen: 4.868 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD061053.D

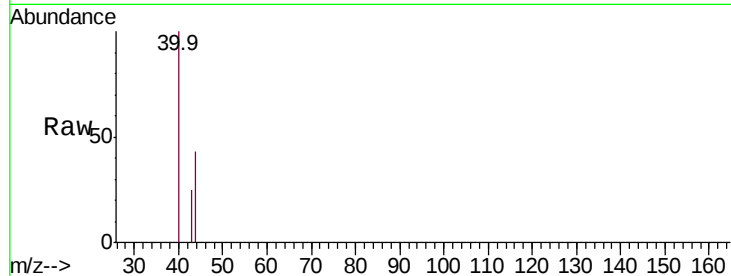
Acq: 13 Mar 2019 20:16

Tot Ion: 43 Resp: 206

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.24

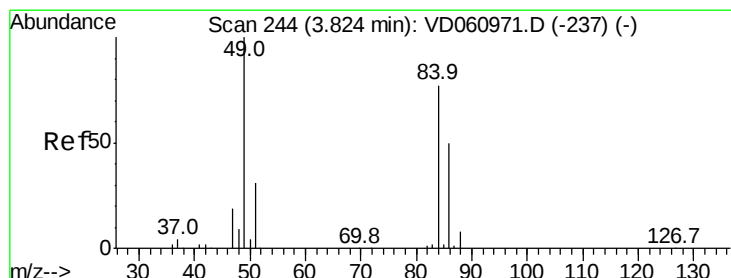
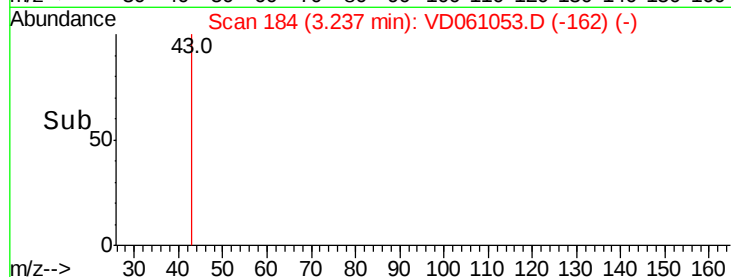
300

200

100

0

Time--> 3.20 3.22 3.24 3.26



#20

Methylene Chloride

Concen: Below Cal

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD061053.D

Acq: 13 Mar 2019 20:16

Tgt Ion: 84 Resp: 615

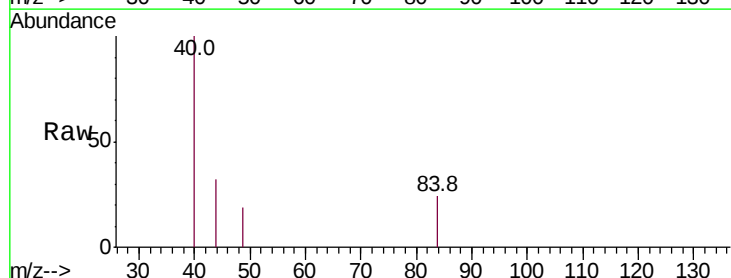
Ion Ratio Lower Upper

84 100

49 81.1 104.2 156.2#

51 0.0 32.3 48.5#

86 0.0 52.3 78.5#



Abundance Ion 83.95 (83.65 to 84.65): 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

600

500

400

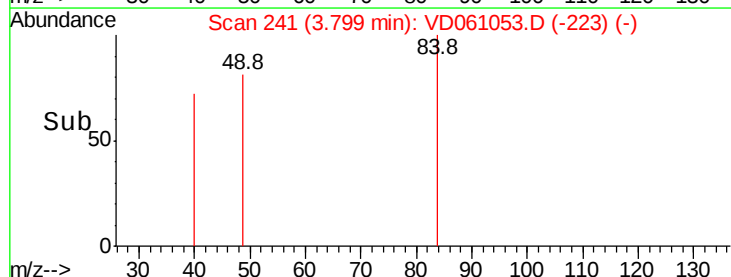
300

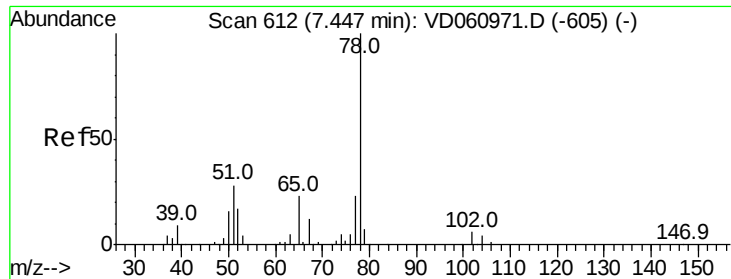
200

100

0

Time--> 3.75 3.80 3.85





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061053.D

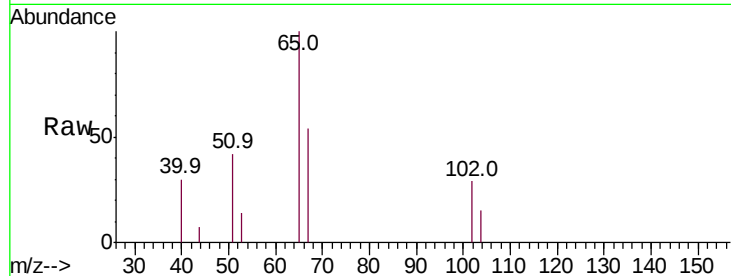
Acq: 13 Mar 2019 20:16

Tot Ion: 65 Resp: 12398

Ion Ratio Lower Upper

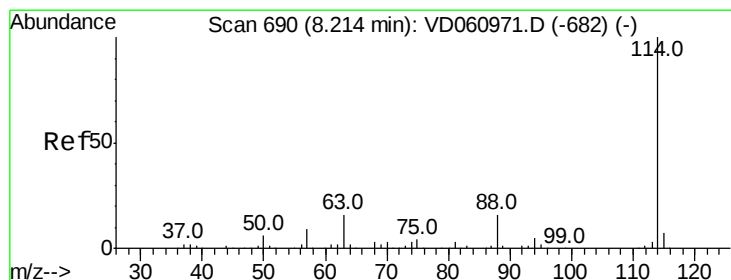
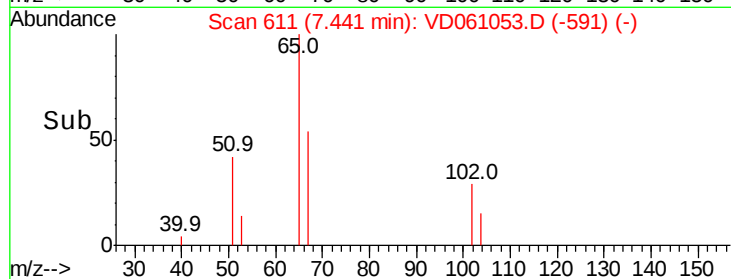
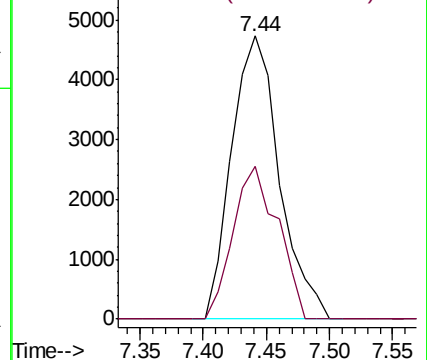
65 100

67 53.8 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061053.D

Acq: 13 Mar 2019 20:16

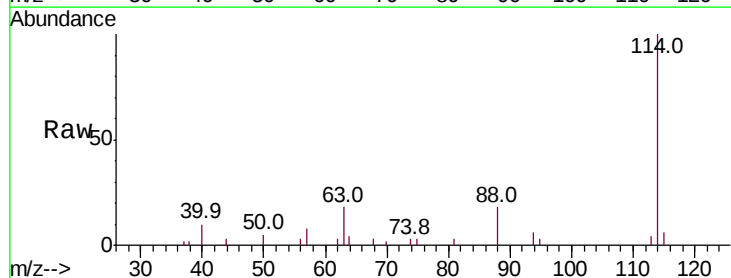
Tgt Ion: 114 Resp: 38532

Ion Ratio Lower Upper

114 100

63 17.6 0.0 31.4

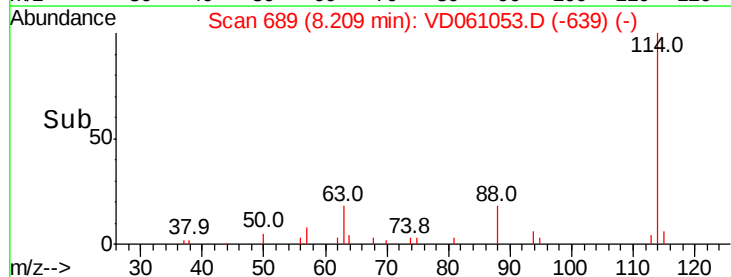
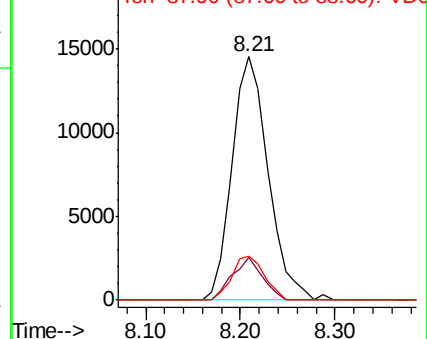
88 17.8 0.0 33.0

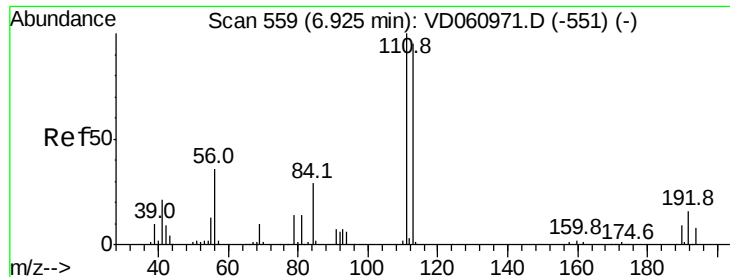


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD061053.D

Acq: 13 Mar 2019 20:16

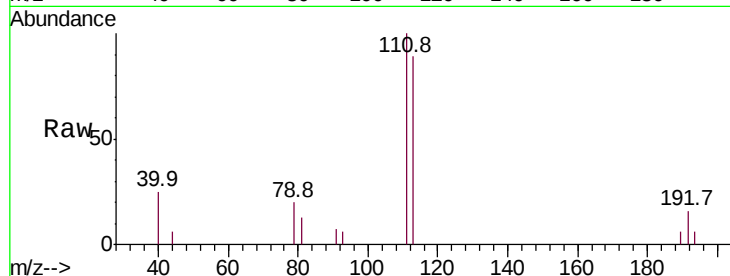
Tot Ion:113 Resp: 14317

Ion	Ratio	Lower	Upper
113	100		
111	111.9	84.2	126.4
192	18.2	13.1	19.7

113 100

111 111.9 84.2 126.4

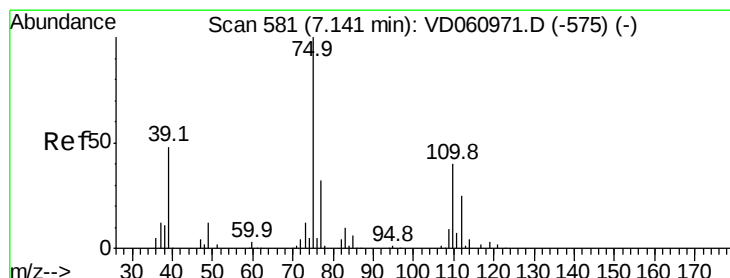
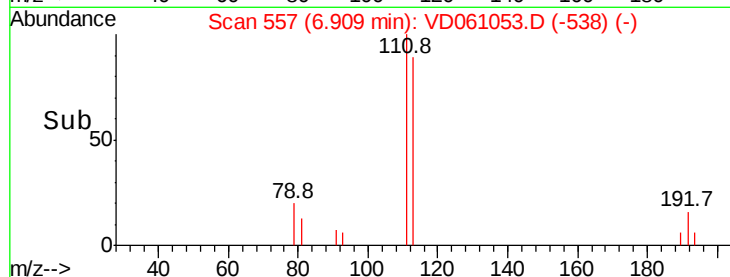
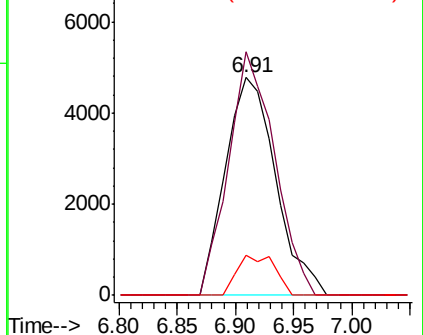
192 18.2 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 1.566 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.10 min

Lab File: VD061053.D

Acq: 13 Mar 2019 20:16

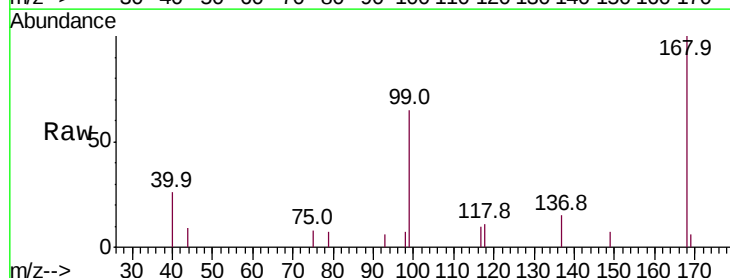
Tgt Ion: 75 Resp: 520

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.7	59.1#
77	0.0	24.7	37.1#

75 100

110 0.0 19.7 59.1#

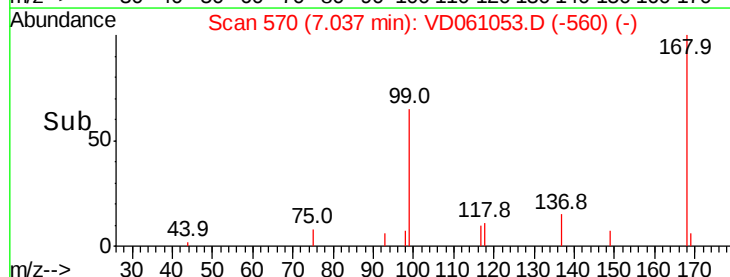
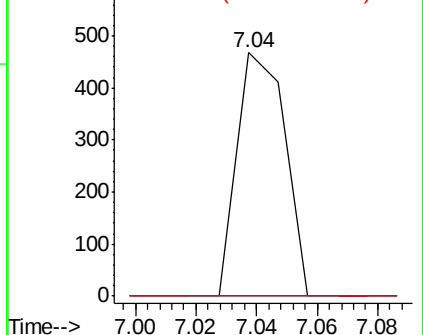
77 0.0 24.7 37.1#

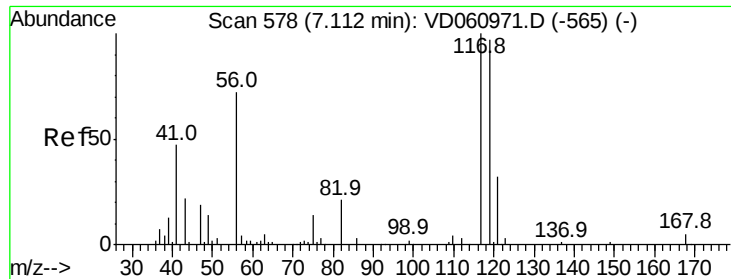


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

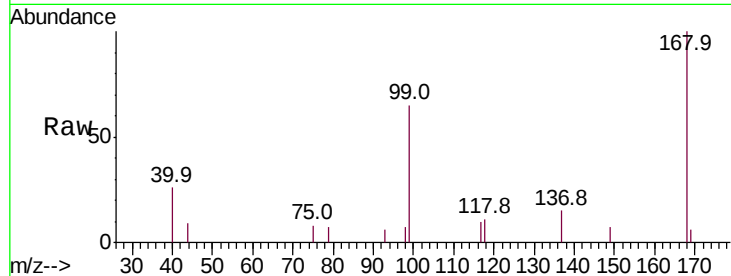
Ion 76.95 (76.65 to 77.65): V



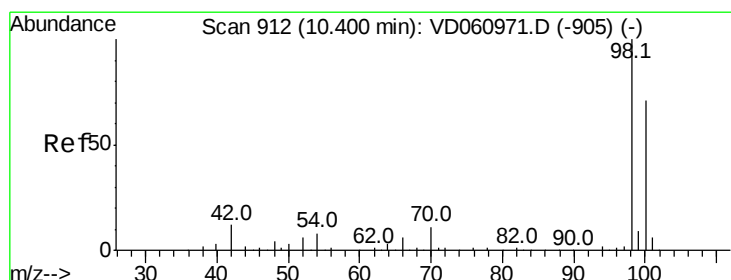
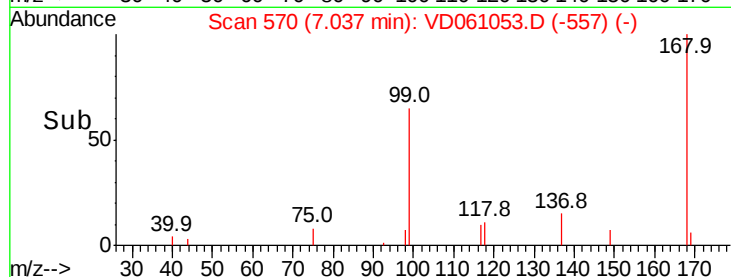
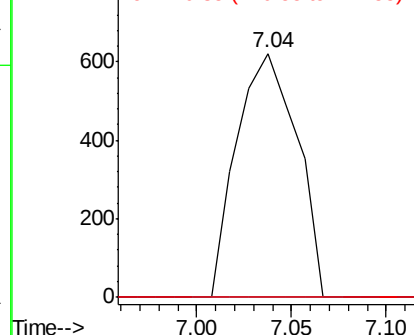


#38
Carbon Tetrachloride
Concen: 3.739 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD061053.D
Acq: 13 Mar 2019 20:16

Tot Ion:117 Resp: 1368
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.8#
121 0.0 25.3 37.9#

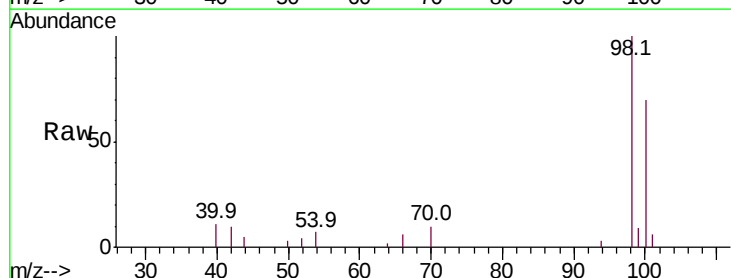


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

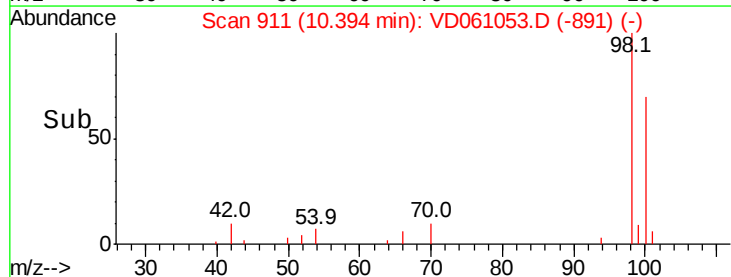
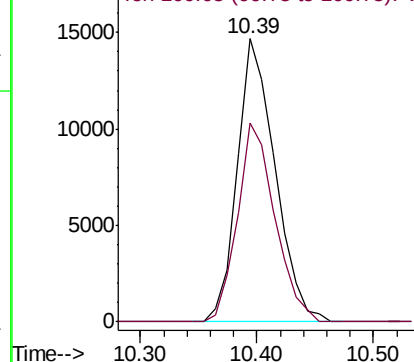


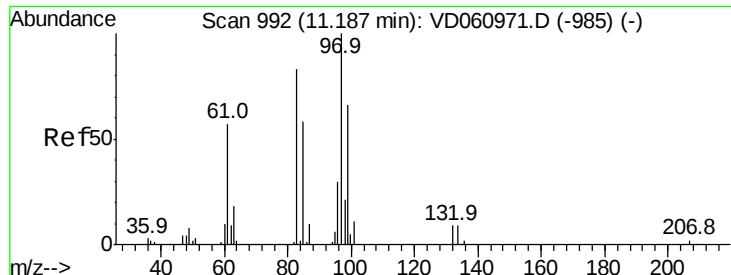
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061053.D
Acq: 13 Mar 2019 20:16

Tgt Ion: 98 Resp: 32866
Ion Ratio Lower Upper
98 100
100 70.1 57.4 86.2



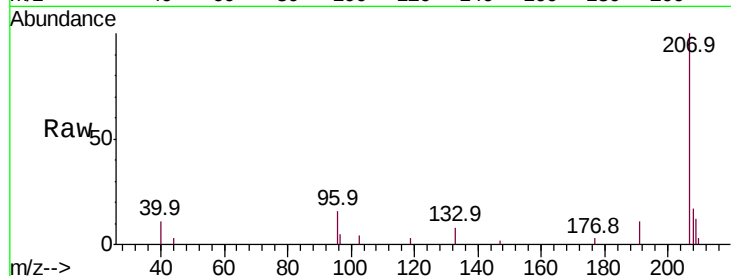
Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V



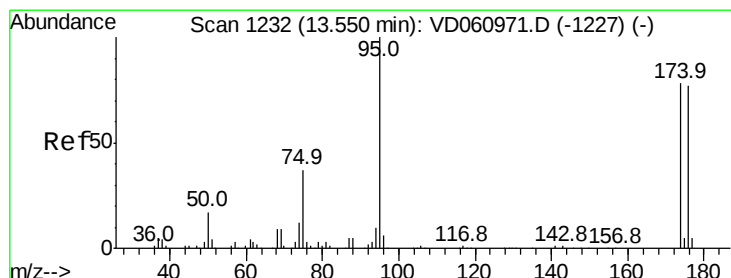
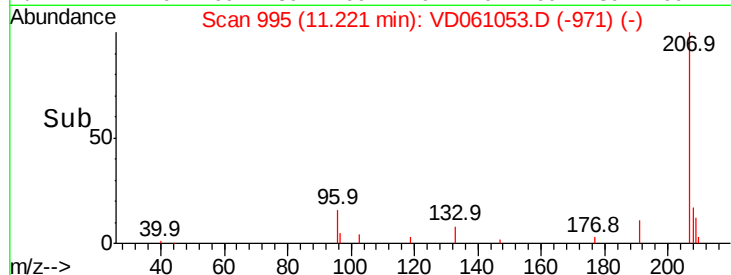
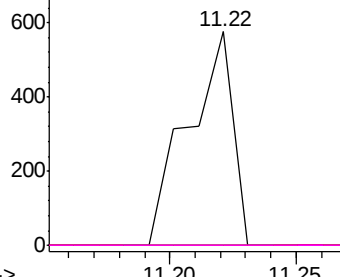


#55
 1,1,2-Trichloroethane
 Concen: 4.160 ug/l
 RT: 11.22 min Scan# 995
 Delta R.T. 0.03 min
 Lab File: VD061053.D
 Acq: 13 Mar 2019 20:16

Tot Ion:	97	Resp:	715
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.6	100.0#
85	0.0	46.4	69.6#
99	0.0	52.4	78.6#

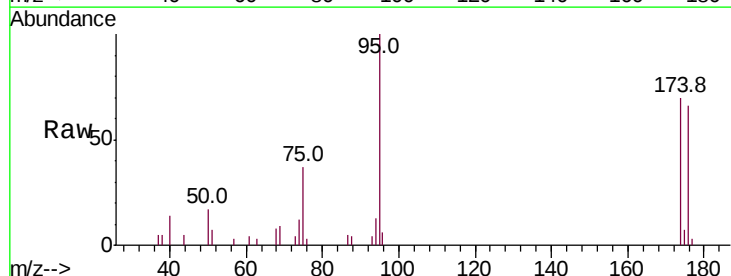


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

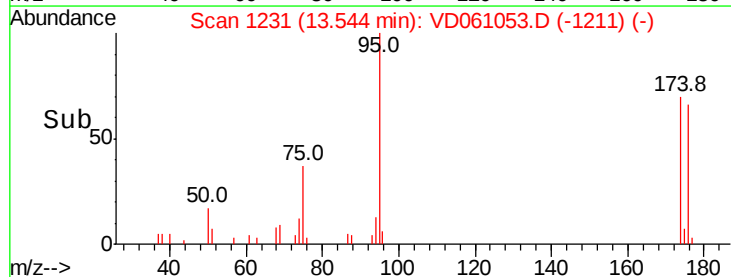
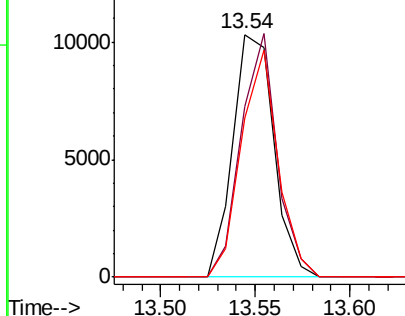


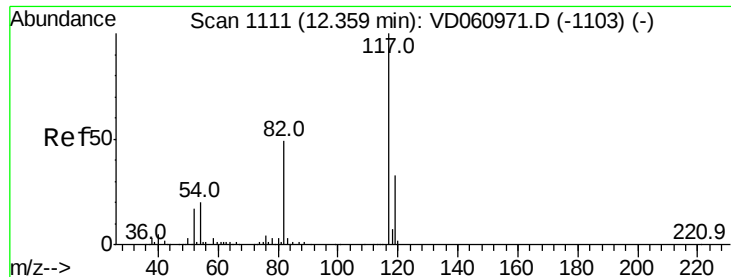
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: VD061053.D
 Acq: 13 Mar 2019 20:16

Tgt Ion:	95	Resp:	15444
Ion	Ratio	Lower	Upper
95	100		
174	70.3	0.0	155.6
176	65.8	0.0	153.8



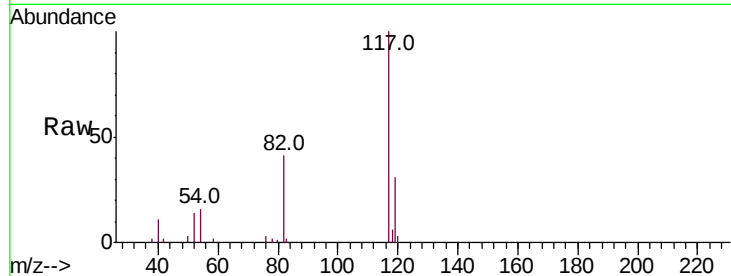
Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): VDC
 Ion 175.90 (175.60 to 176.60): VDC



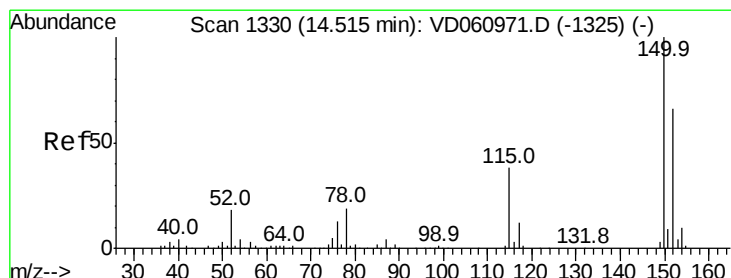
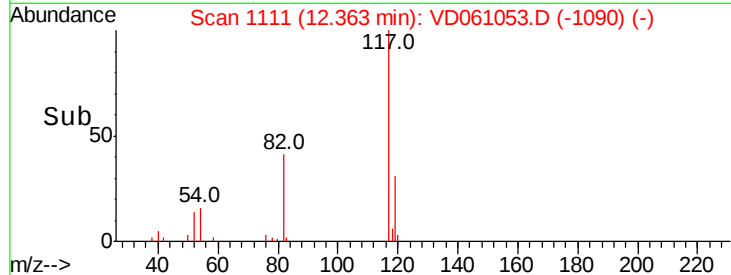
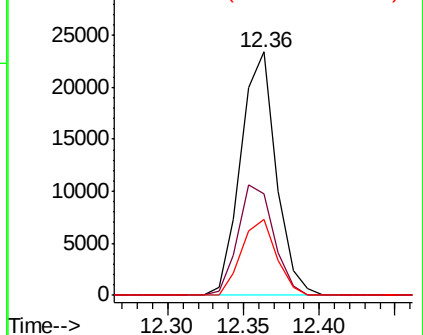


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061053.D
Acq: 13 Mar 2019 20:16

Tot Ion:117 Resp: 38123
Ion Ratio Lower Upper
117 100
82 41.5 38.9 58.3
119 31.4 26.6 39.8

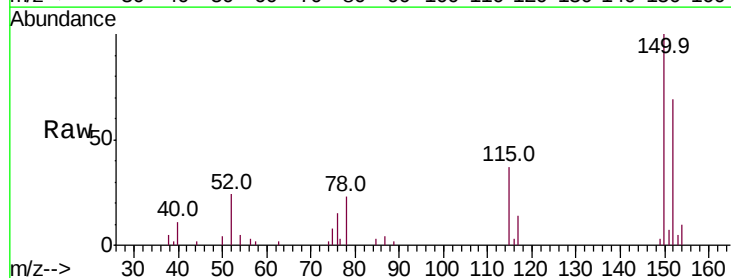


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

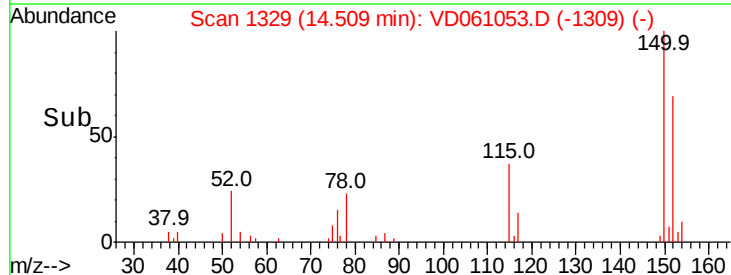
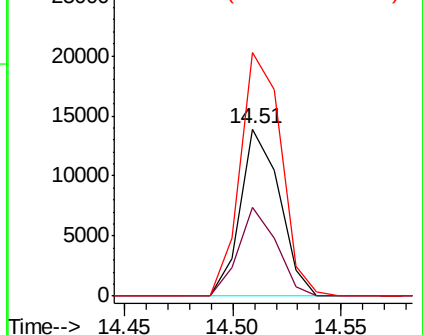


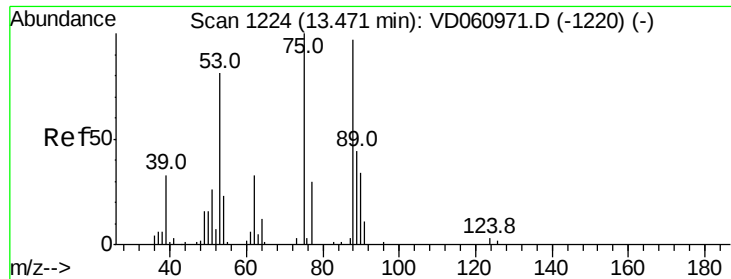
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061053.D
Acq: 13 Mar 2019 20:16

Tgt Ion:152 Resp: 17496
Ion Ratio Lower Upper
152 100
115 53.3 28.6 85.9
150 145.6 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.737 ug/l
 RT: 13.54 min Scan# 1231
 Delta R.T. 0.07 min
 Lab File: VD061053.D
 Acq: 13 Mar 2019 20:16

Tot Ion: 75 Resp: 5472
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

