

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100418\
 Data File : VD060129.D
 Acq On : 4 Oct 2018 13:32
 Operator : VA/AP
 Sample : J5242-02RE
 Misc : 9.9a/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

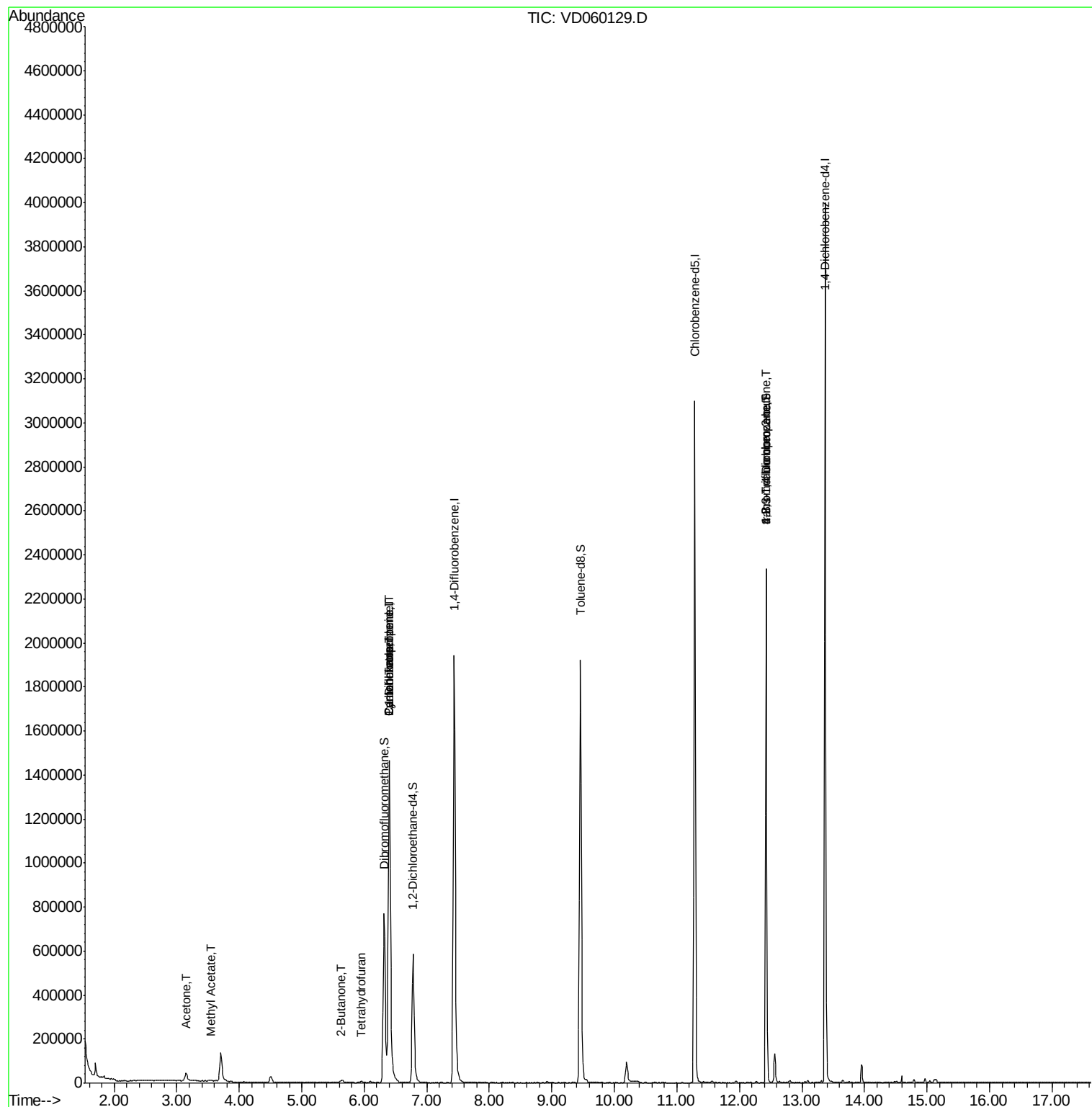
Quant Time: Oct 04 15:34:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

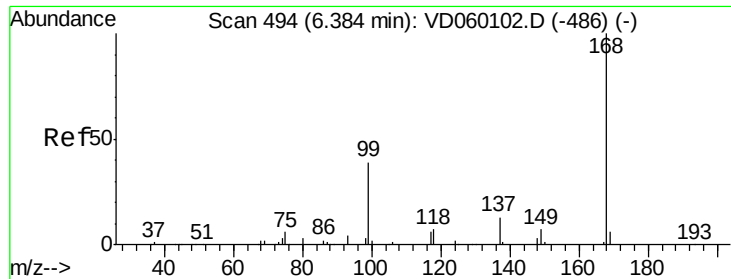
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1472282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2054485	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1736893	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	913277	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	478075	42.84	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.68%	
35) Dibromofluoromethane	6.32	113	597661	38.31	ug/l	0.02
Spiked Amount	50.000		Recovery	=	76.62%	
50) Toluene-d8	9.46	98	1559440	35.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	70.10%	
62) 4-Bromofluorobenzene	12.43	95	628880	37.75	ug/l	0.01
Spiked Amount	50.000		Recovery	=	75.50%	
Target Compounds						
16) Acetone	3.15	43	68960	34.054	ug/l	96
18) Methyl Acetate	3.54	43	5326	1.224	ug/l #	63
25) 2-Butanone	5.62	43	8777	1.735	ug/l #	91
29) Tetrahydrofuran	5.95	42	4606	1.567	ug/l #	84
31) Cyclohexane	6.40	56	29513	1.221	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	99243	5.055	ug/l #	46
38) Carbon Tetrachloride	6.40	117	113994	6.397	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	236793	18.004	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	247852	67.066	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060129.D

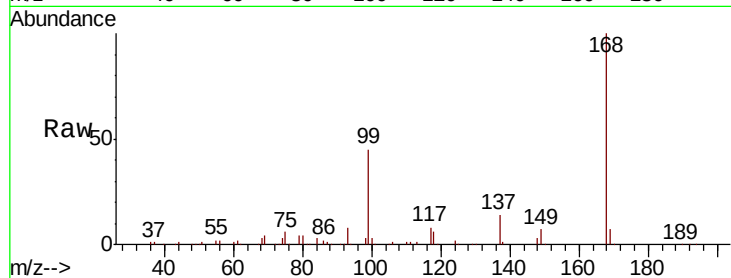
Acq: 4 Oct 2018 13:32

Tot Ion:168 Resp: 1472282

Ion Ratio Lower Upper

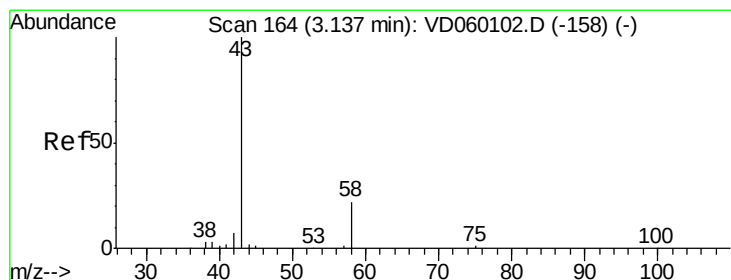
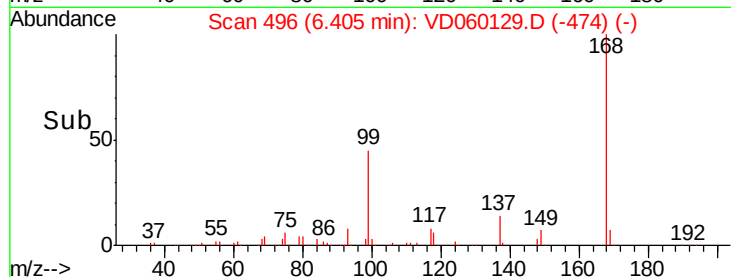
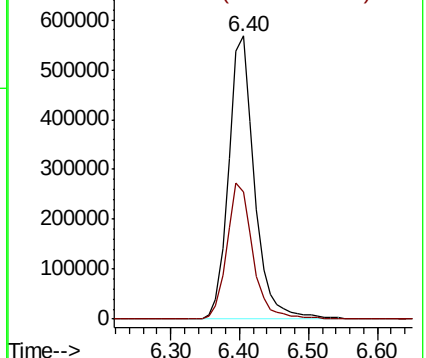
168 100

99 45.1 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 34.054 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060129.D

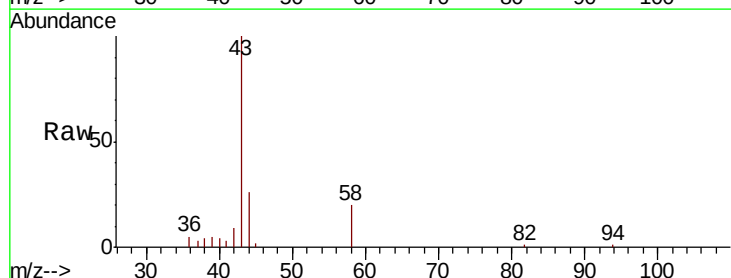
Acq: 4 Oct 2018 13:32

Tgt Ion: 43 Resp: 68960

Ion Ratio Lower Upper

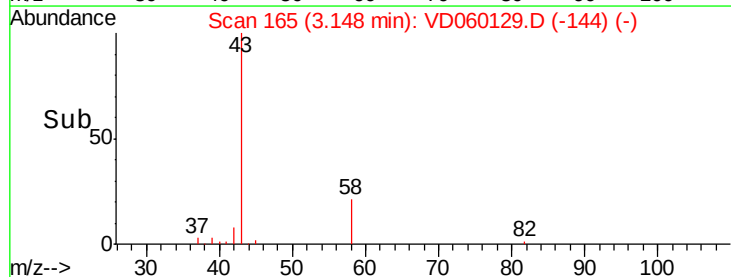
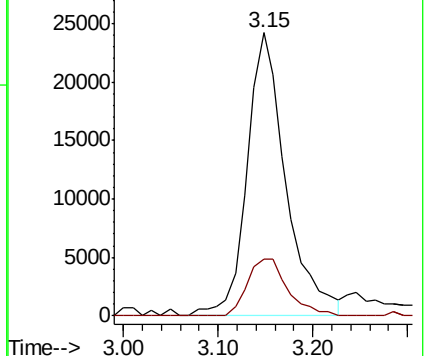
43 100

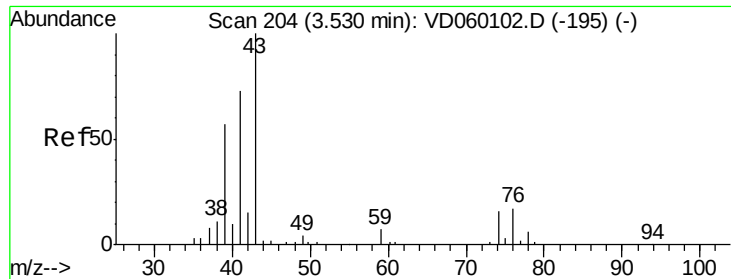
58 20.2 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

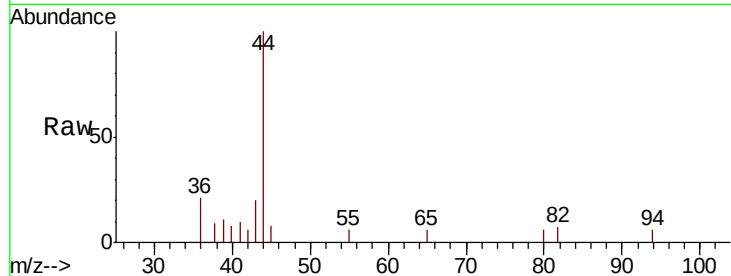
Ion 57.95 (57.65 to 58.65): VDC



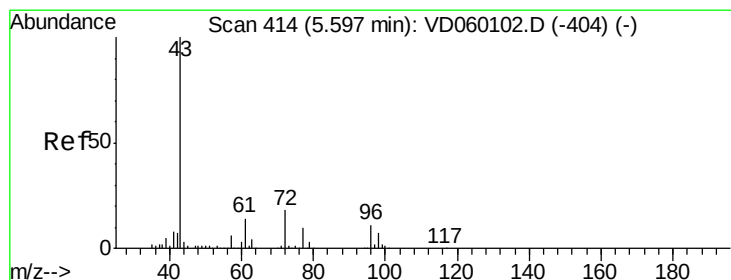
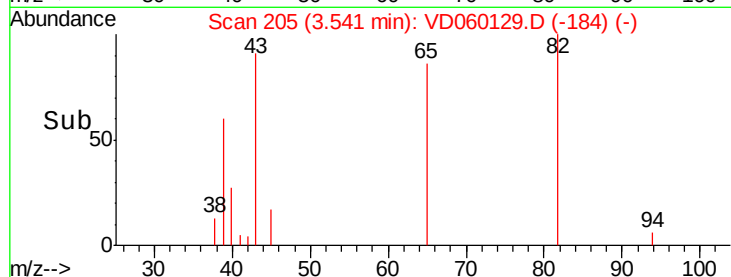
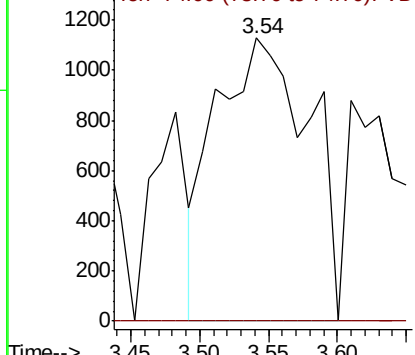


#18
Methyl Acetate
Concen: 1.224 ug/l
RT: 3.54 min Scan# 205
Delta R.T. 0.01 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tot Ion: 43 Resp: 5326
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#

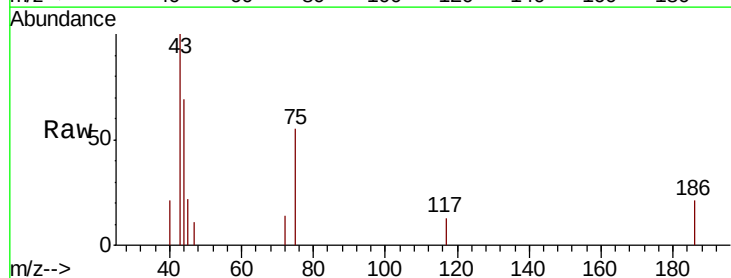


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

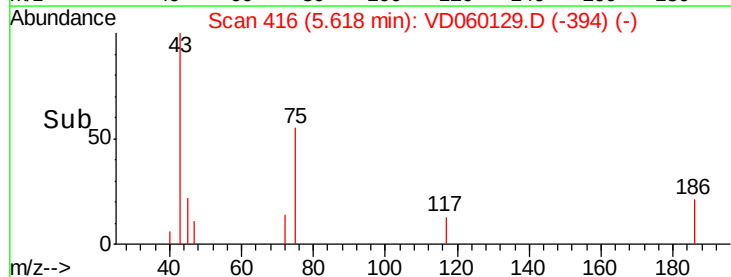
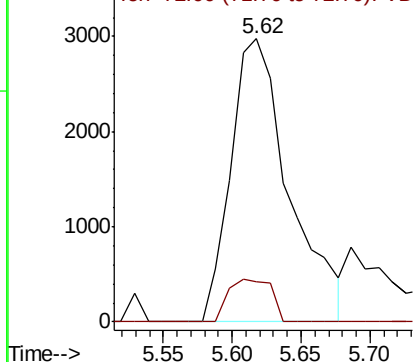


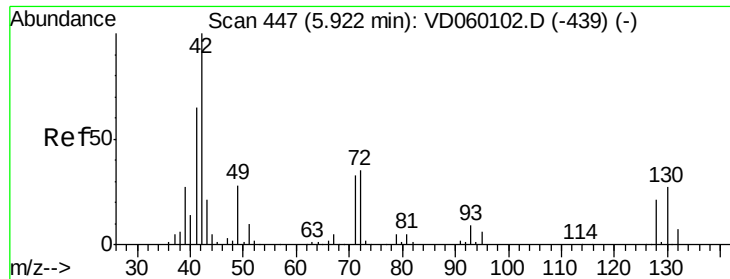
#25
2-Butanone
Concen: 1.735 ug/l
RT: 5.62 min Scan# 416
Delta R.T. 0.02 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tgt Ion: 43 Resp: 8777
Ion Ratio Lower Upper
43 100
72 14.1 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 1.567 ug/l

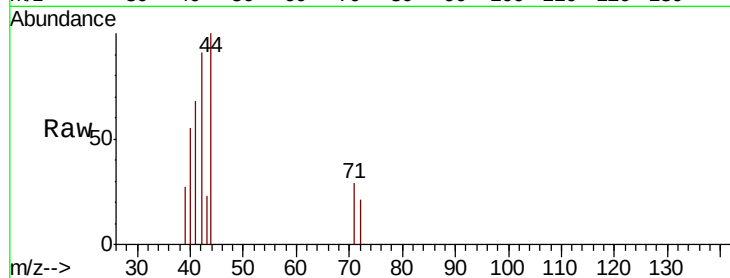
RT: 5.95 min Scan# 450

Delta R.T. 0.03 min

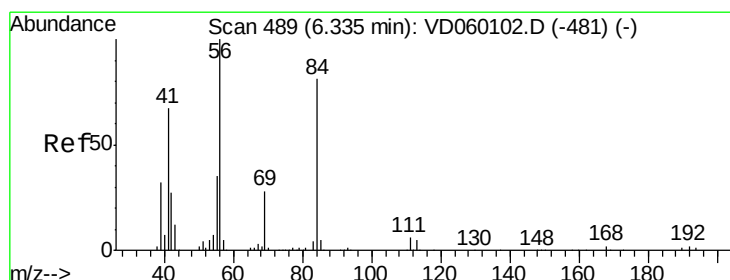
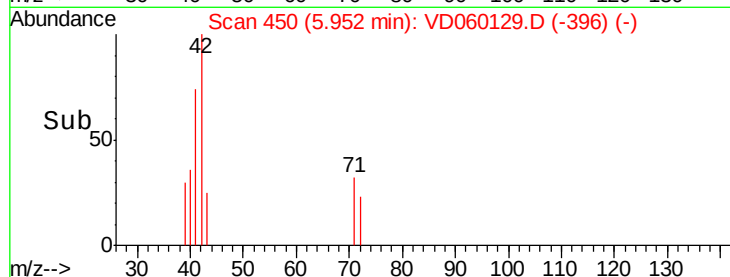
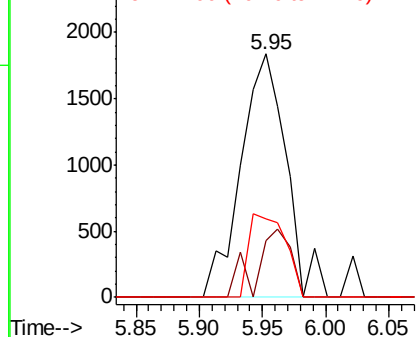
Lab File: VD060129.D

Acq: 4 Oct 2018 13:32

Tot Ion:	42	Resp:	4606
Ion	Ratio	Lower	Upper
42	100		
72	21.3	26.9	40.3#
71	27.3	26.7	40.1



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: 1.221 ug/l

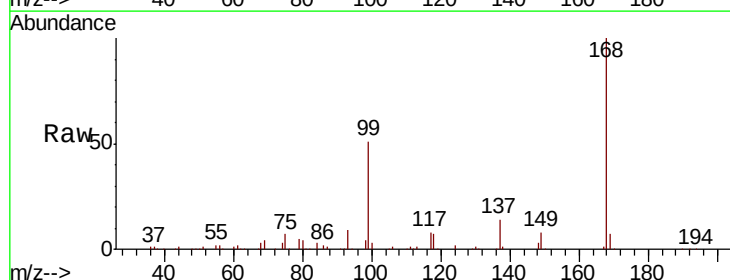
RT: 6.40 min Scan# 495

Delta R.T. 0.06 min

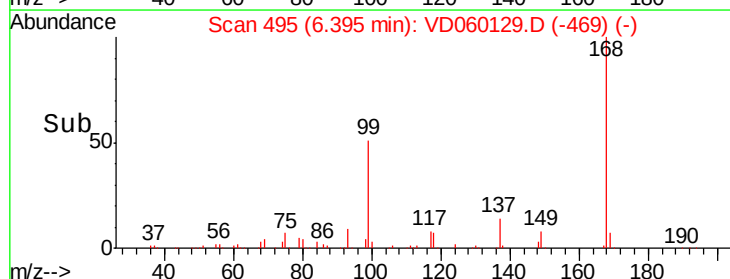
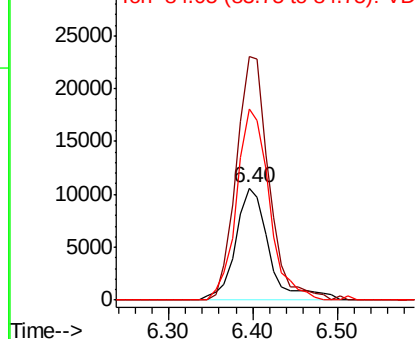
Lab File: VD060129.D

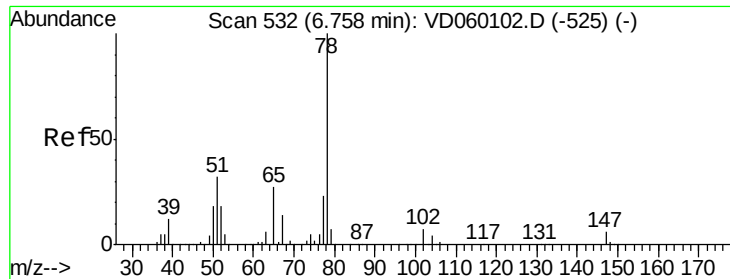
Acq: 4 Oct 2018 13:32

Tgt Ion:	56	Resp:	29513
Ion	Ratio	Lower	Upper
56	100		
69	217.0	22.8	34.2#
84	170.8	64.9	97.3#



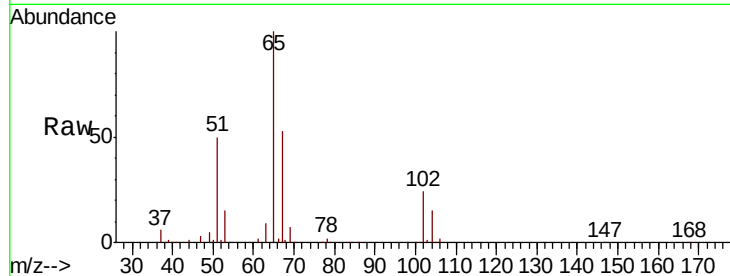
Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



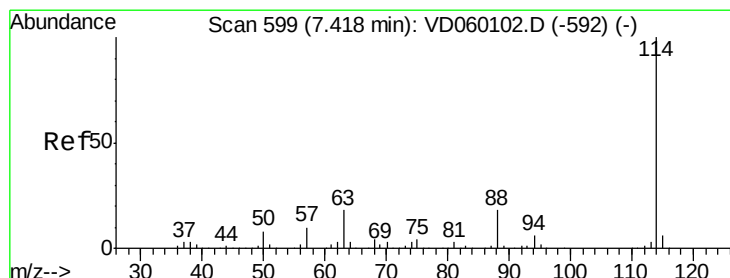
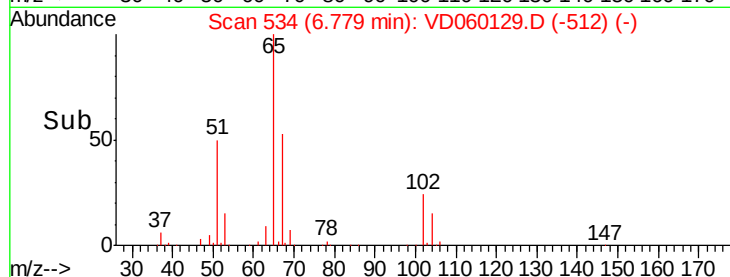
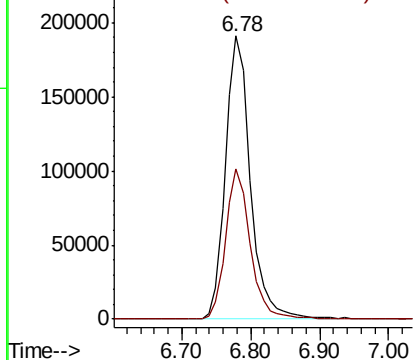


#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

Tot Ion: 65 Resp: 478075
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2

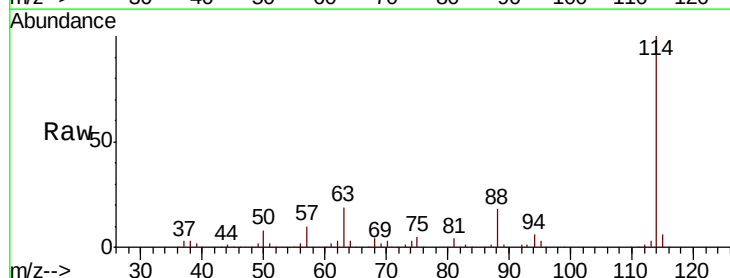


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

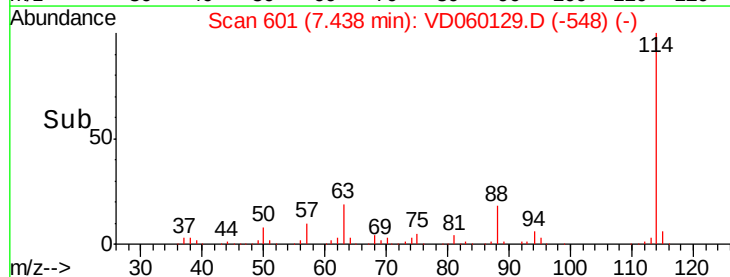
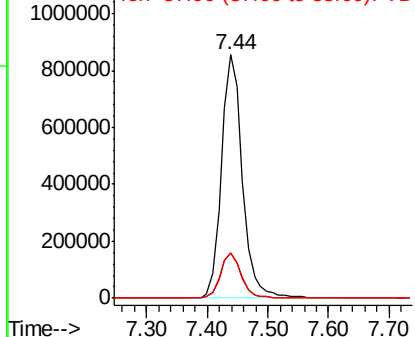


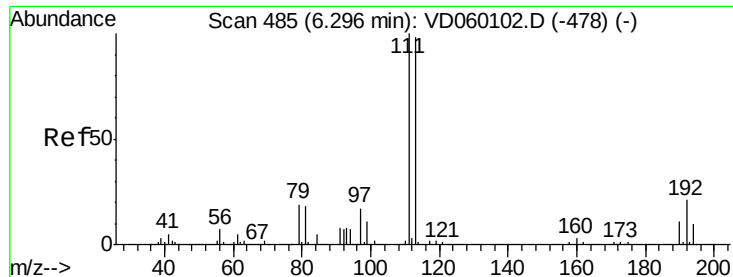
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

Tgt Ion: 114 Resp: 2054485
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 18.5 0.0 36.2



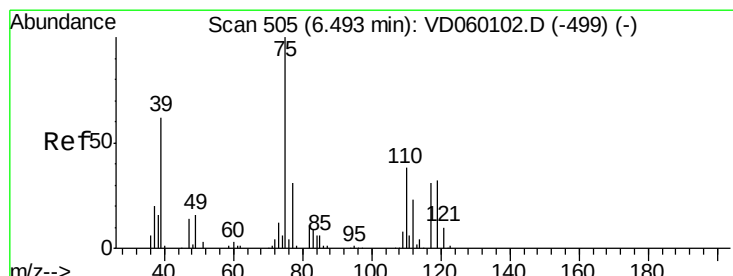
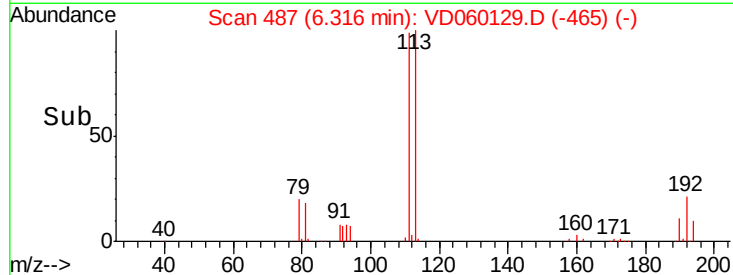
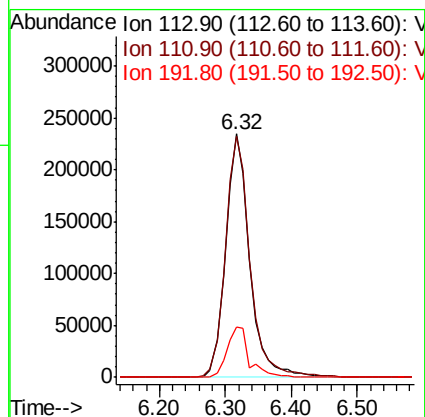
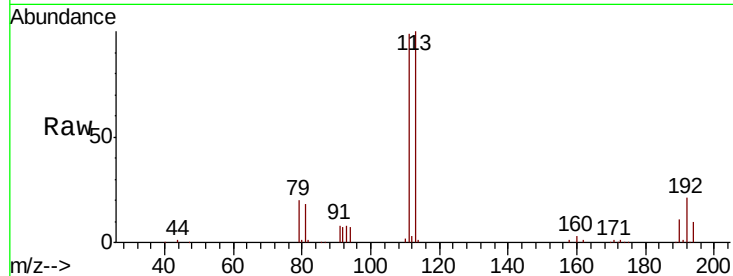
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC





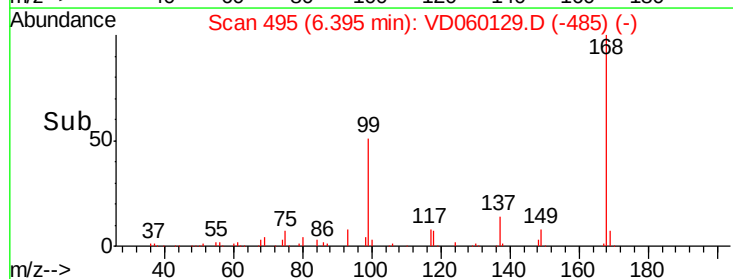
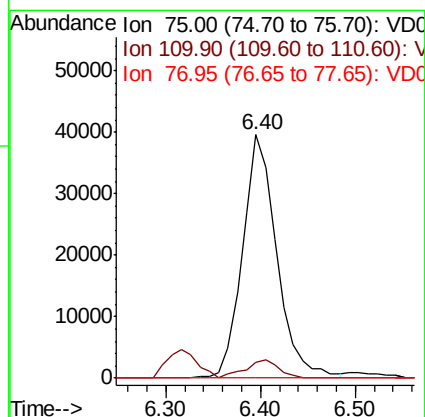
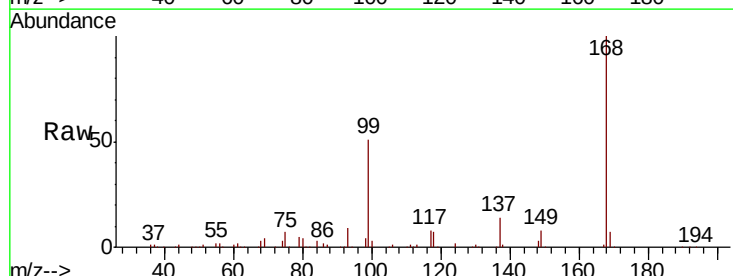
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

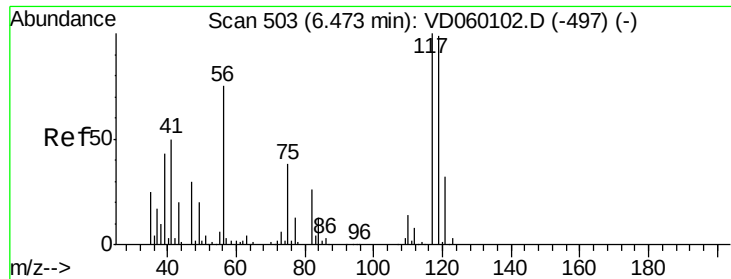
Tot Ion:113 Resp: 597661
 Ion Ratio Lower Upper
 113 100
 111 99.2 81.5 122.3
 192 20.8 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.055 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

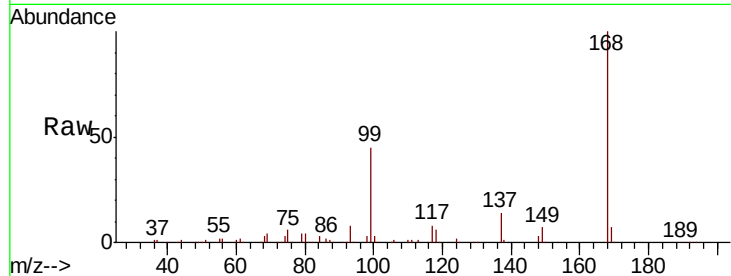
Tgt Ion: 75 Resp: 99243
 Ion Ratio Lower Upper
 75 100
 110 6.7 19.0 57.0#
 77 0.0 24.9 37.3#





#38
Carbon Tetrachloride
Concen: 6.397 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.07 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tot Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.8	116.6#
121	0.0	24.8	37.2#

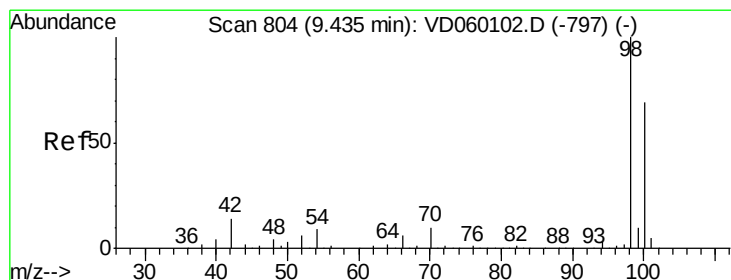
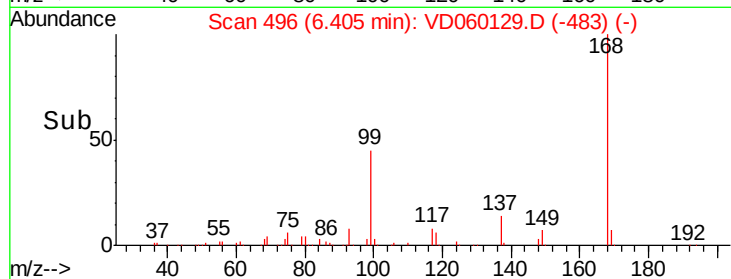
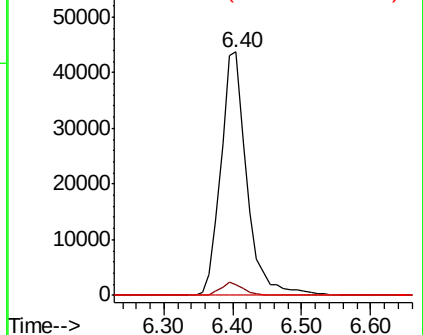


Abundance

Ion 116.85 (116.55 to 117.55): V

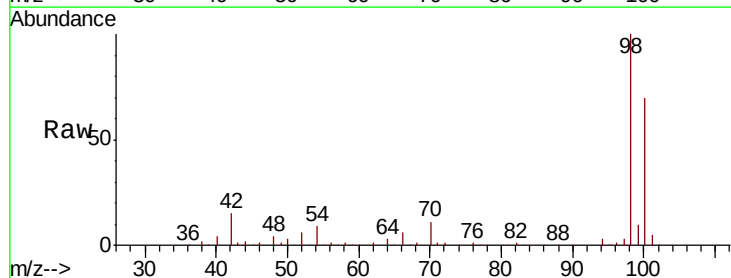
Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

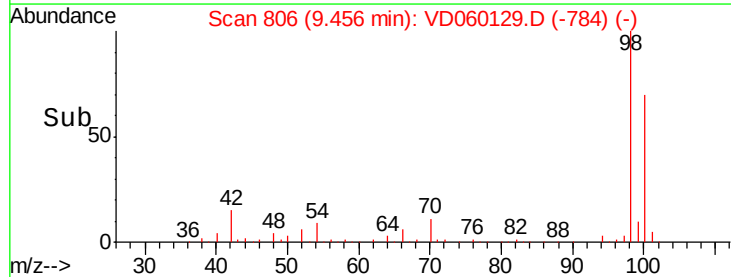
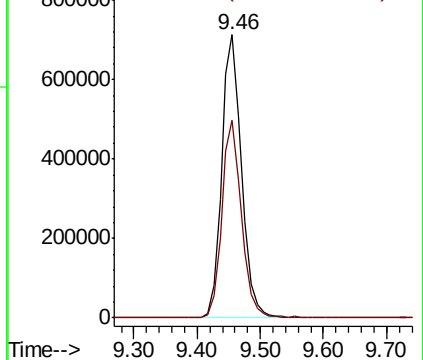
Tgt Ion	Ratio	Lower	Upper
98	100		
100	70.0	55.4	83.0

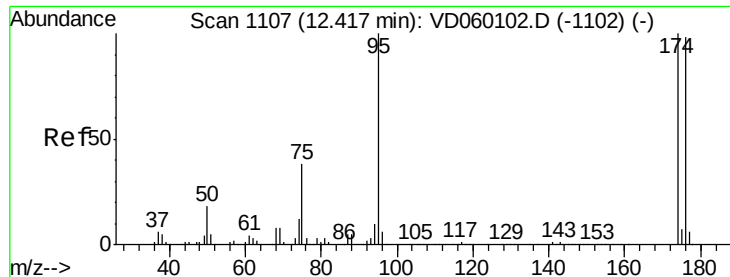


Abundance

Ion 98.05 (97.75 to 98.75): V

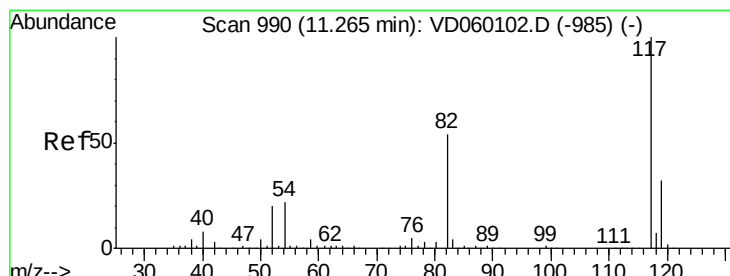
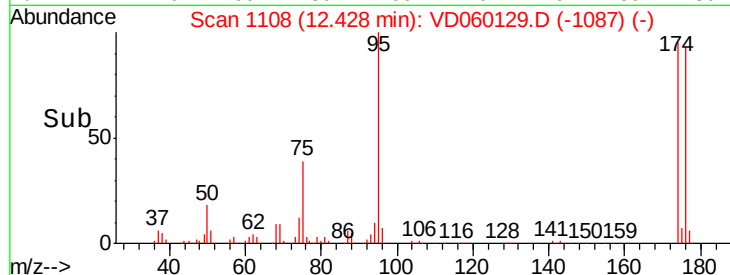
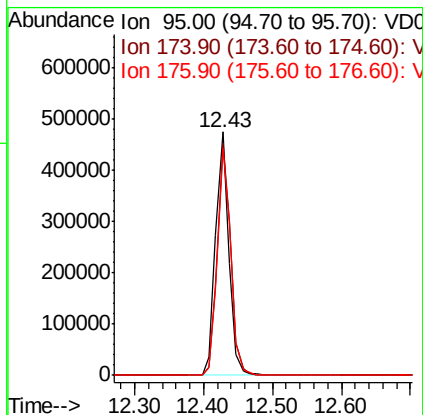
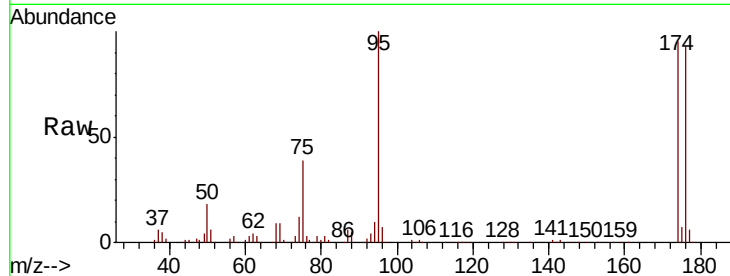
Ion 100.05 (99.75 to 100.75): V





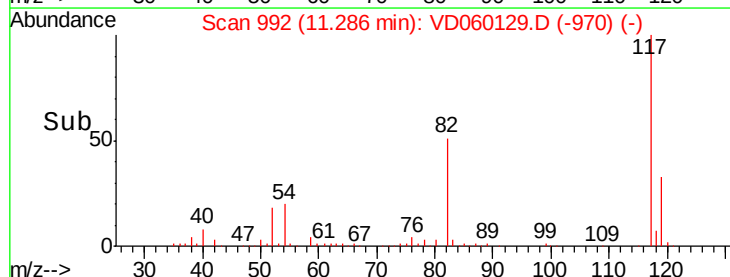
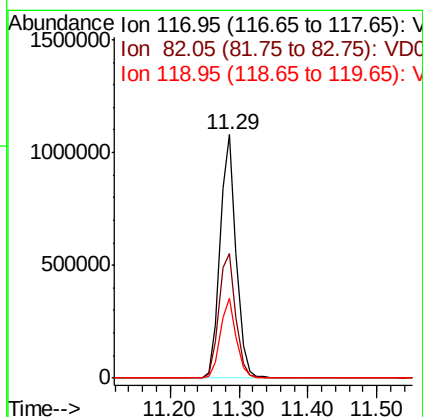
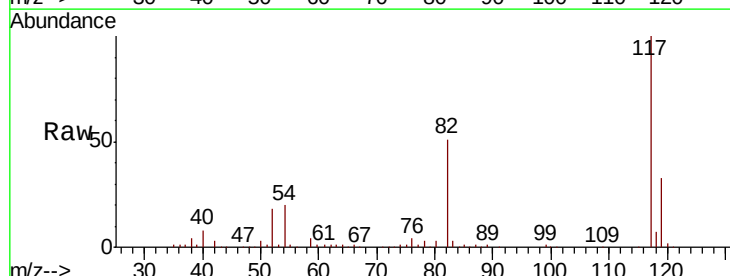
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

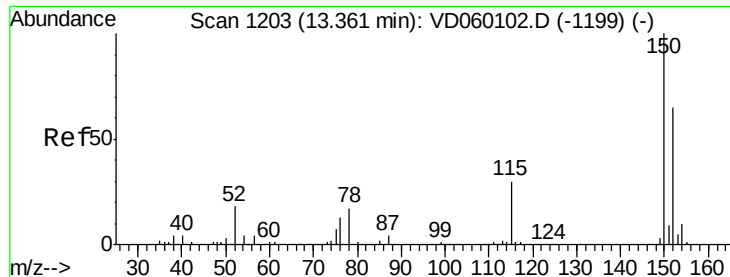
Tot Ion: 95 Resp: 628880
Ion Ratio Lower Upper
95 100
174 95.4 0.0 200.2
176 93.3 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tgt Ion: 117 Resp: 1736893
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.2
119 33.0 26.0 39.0

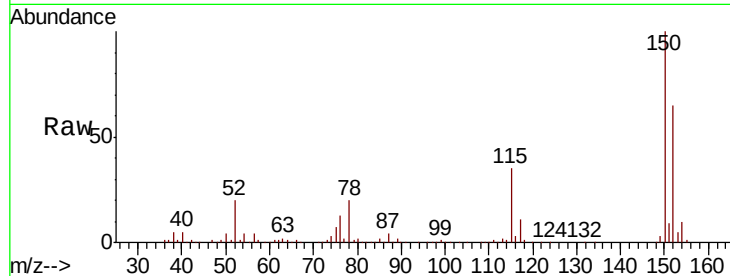




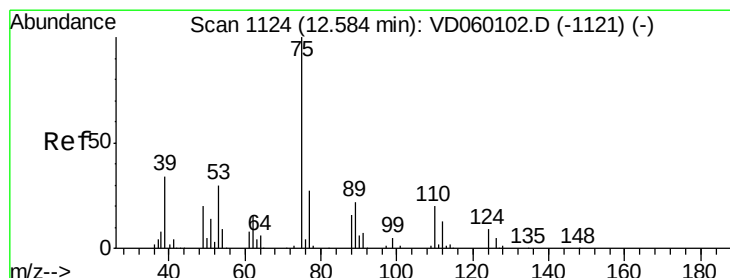
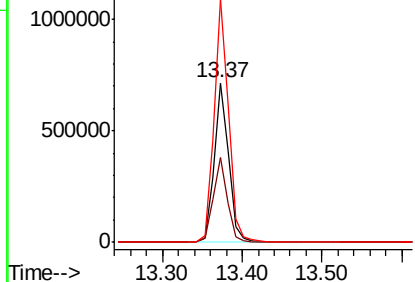
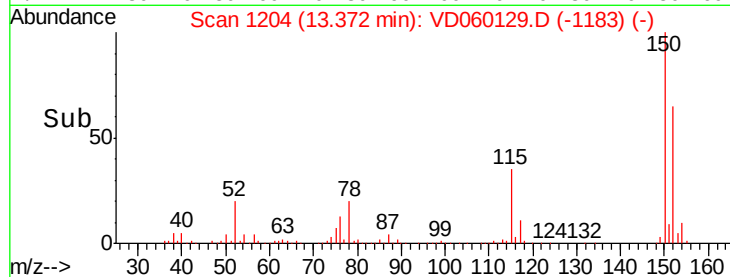
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.0	27.1	81.2
150	152.8	0.0	311.8



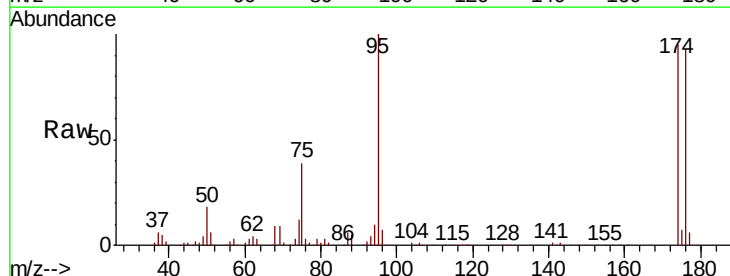
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



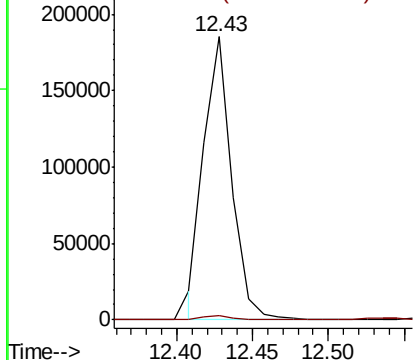
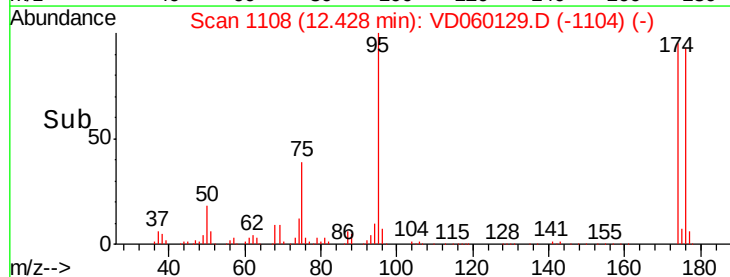
#76

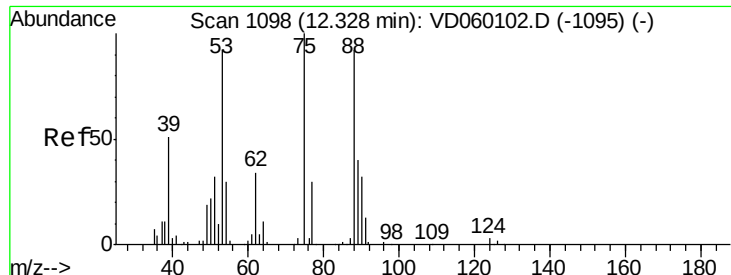
1,2,3-Trichloropropane
Concen: 18.004 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.16 min
Lab File: VD060129.D
Acq: 4 Oct 2018 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	16.3	48.9



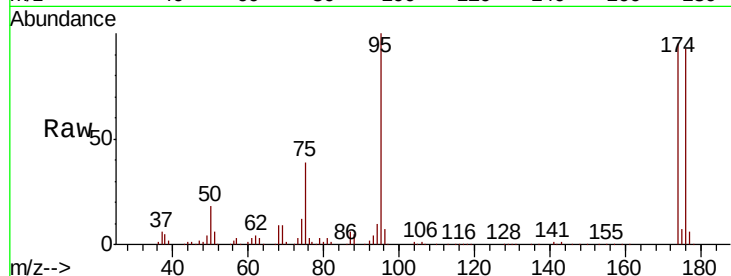
Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 76.95 (76.65 to 77.65): VDC





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.066 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060129.D
 Acq: 4 Oct 2018 13:32

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.0	109.6#
89	0.0	32.0	48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 53.00 (52.70 to 53.70): VDC
 Ion 89.00 (88.70 to 89.70): VDC

