

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
 Data File : VD060718.D
 Acq On : 26 Dec 2018 18:10
 Operator : VA/AP
 Sample : J6499-01
 Misc : 4.26g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11989

Quant Time: Dec 27 04:58:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

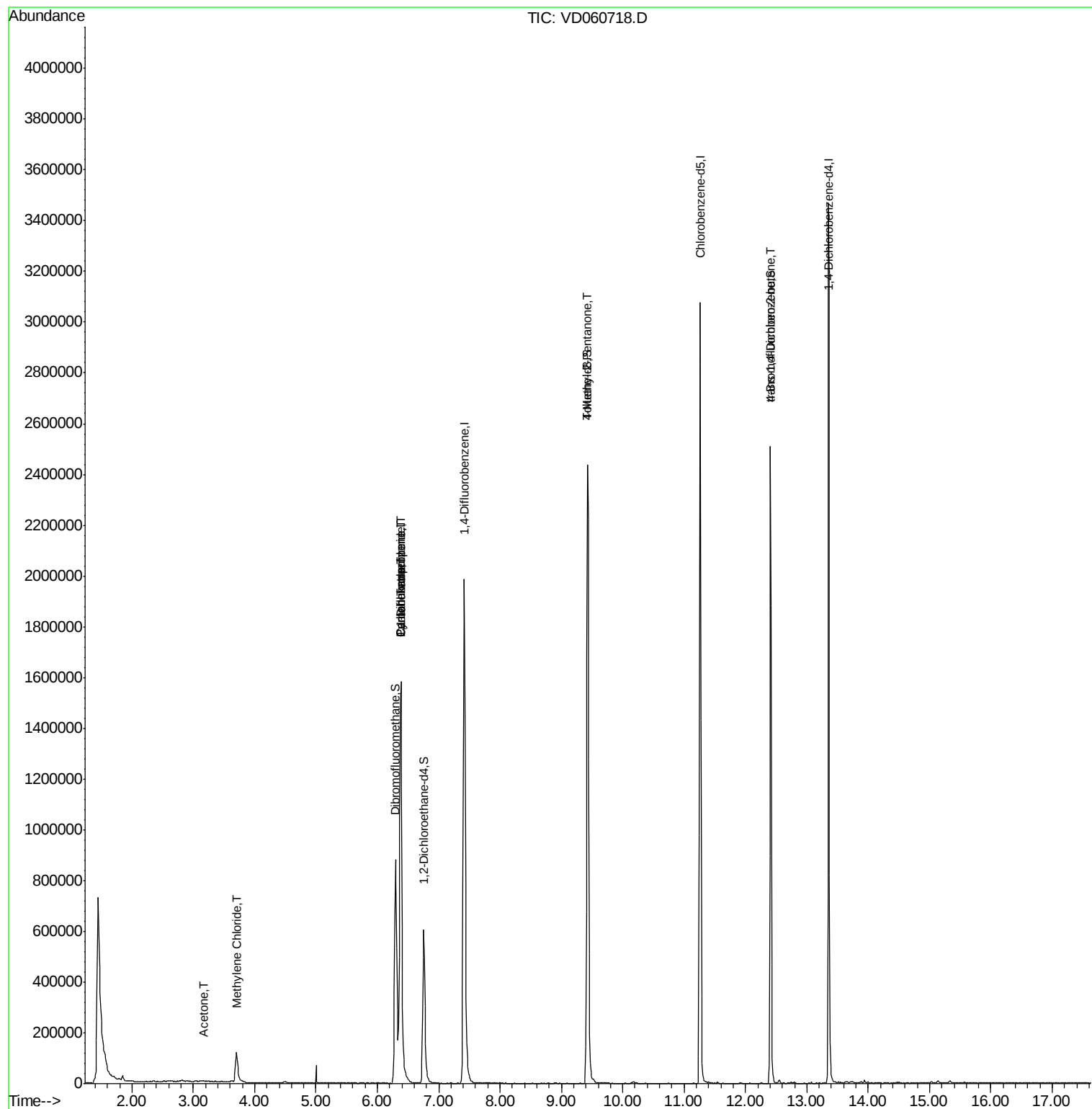
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1625535	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	2234512	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.26	117	1788518	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	901848	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	516610	45.99	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.98%	
35) Dibromofluoromethane	6.29	113	726348	44.41	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	88.82%	
50) Toluene-d8	9.42	98	2049741	42.00	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	84.00%	
62) 4-Bromofluorobenzene	12.41	95	716175	41.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	83.80%	
Target Compounds						
16) Acetone	3.17	43	8028	4.092	ug/l	98
20) Methylene Chloride	3.71	84	76650	3.762	ug/l	97
31) Cyclohexane	6.37	56	30860	1.088	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	111289	4.837	ug/l #	46
38) Carbon Tetrachloride	6.38	117	128118	6.311	ug/l #	15
51) 4-Methyl-2-Pentanone	9.42	43	11527	1.524	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.41	75	282523	99.581	ug/l #	13

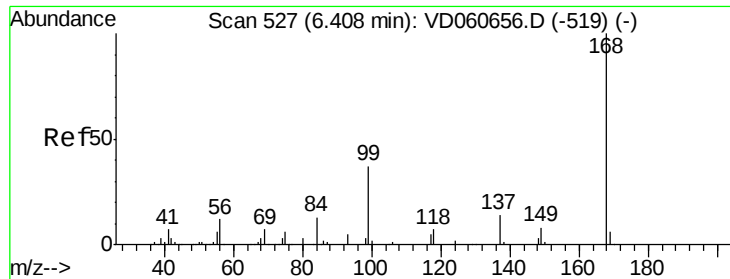
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122618\
Data File : VD060718.D
Acq On : 26 Dec 2018 18:10
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72-11989

Quant Time: Dec 27 04:58:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 524

Delta R.T. -0.02 min

Lab File: VD060718.D

Acq: 26 Dec 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

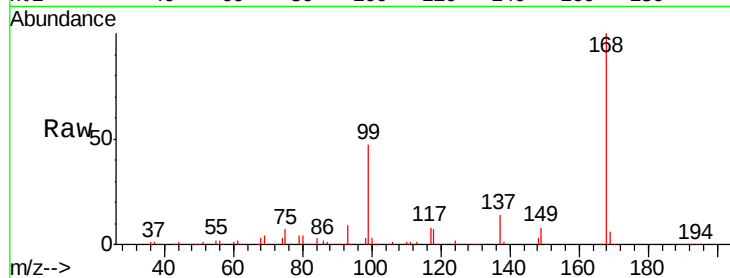
72-11989

Tgt Ion:168 Resp: 1625535

Ion Ratio Lower Upper

168 100

99 47.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

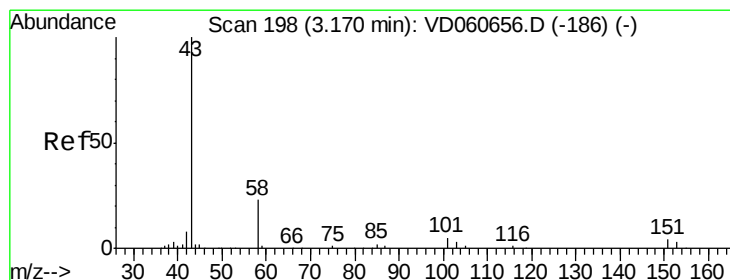
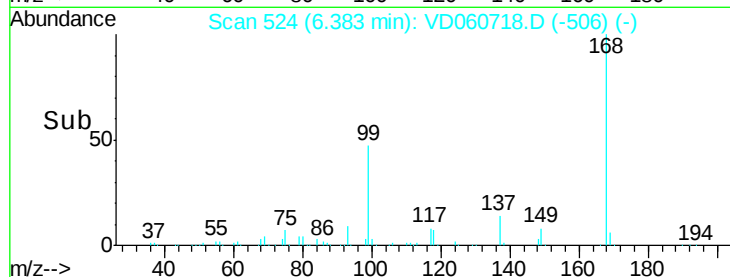
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 4.092 ug/l

RT: 3.17 min Scan# 197

Delta R.T. -0.00 min

Lab File: VD060718.D

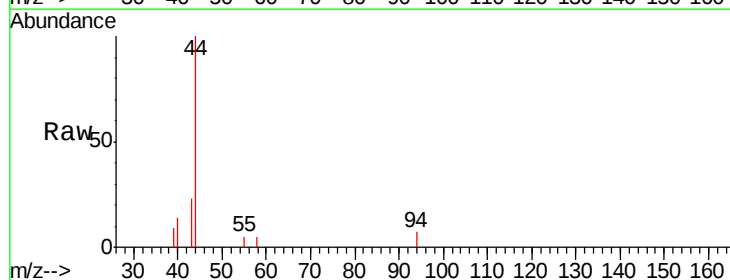
Acq: 26 Dec 2018 18:10

Tgt Ion: 43 Resp: 8028

Ion Ratio Lower Upper

43 100

58 21.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

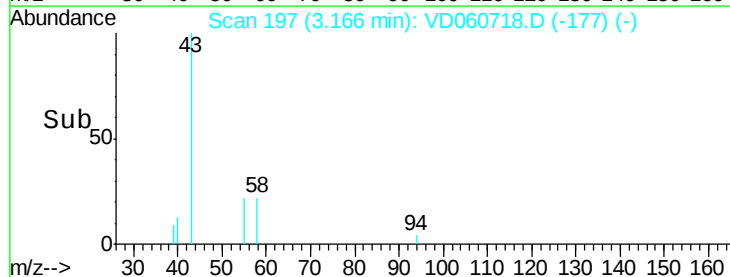
1500

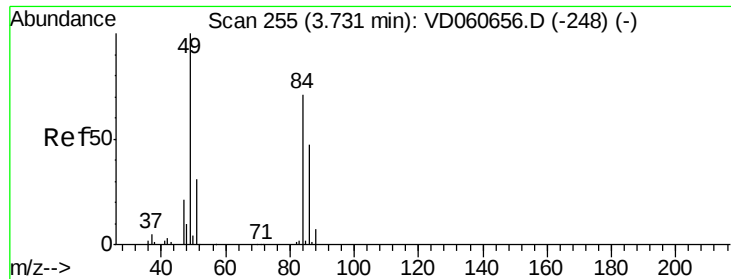
1000

500

0

Time-->

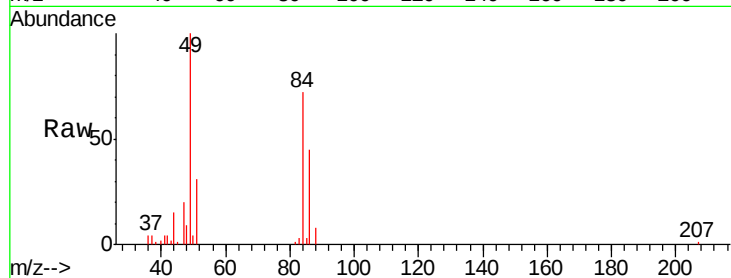




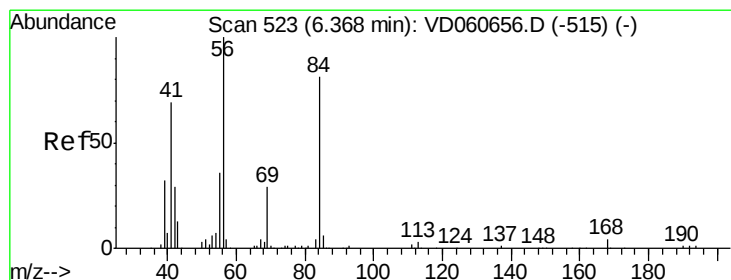
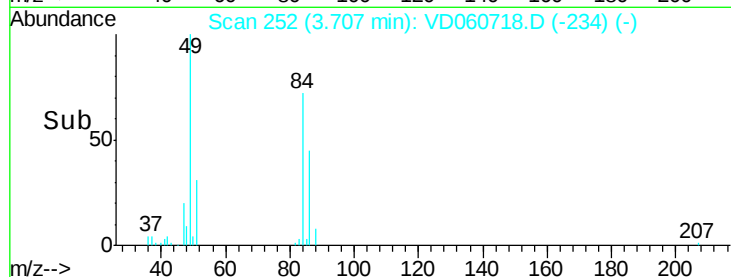
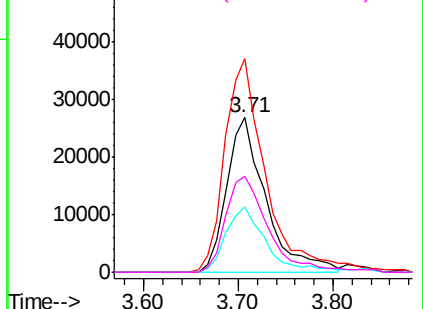
#20
Methylene Chloride
Concen: 3.762 ug/l
RT: 3.71 min Scan# 252
Delta R.T. -0.02 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

Instrument :
MSVOA_D
ClientSampleId :
72-11989

Tgt Ion:	84	Resp:	76650
Ion	Ratio	Lower	Upper
84	100		
49	138.3	113.6	170.4
51	42.5	34.7	52.1
86	62.2	52.8	79.2

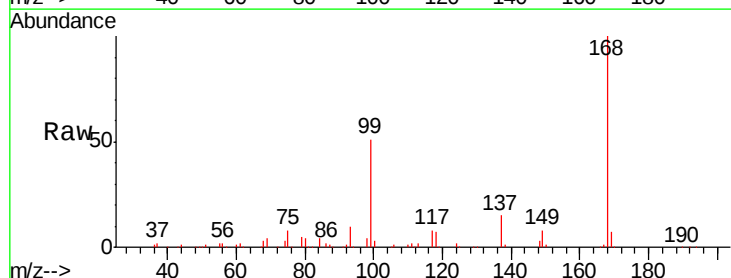


Abundance Ion 83.95 (83.65 to 84.65): VDC

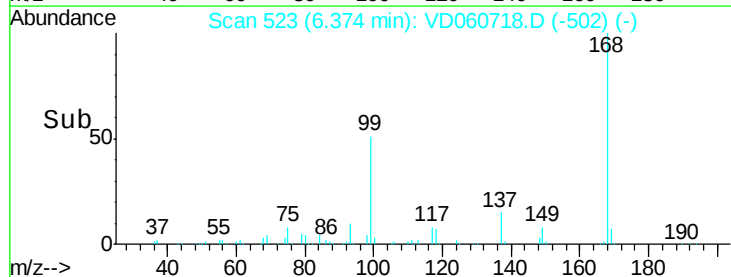
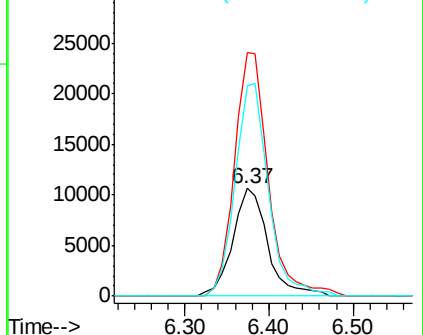


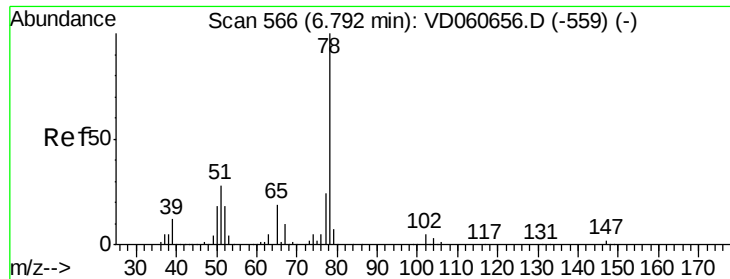
#31
Cyclohexane
Concen: 1.088 ug/l
RT: 6.37 min Scan# 523
Delta R.T. 0.01 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

Tgt Ion:	56	Resp:	30860
Ion	Ratio	Lower	Upper
56	100		
69	226.8	23.6	35.4#
84	196.2	65.8	98.6#



Abundance Ion 55.95 (55.65 to 56.65): VDC

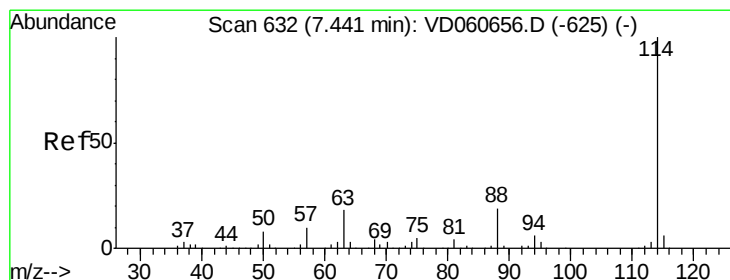
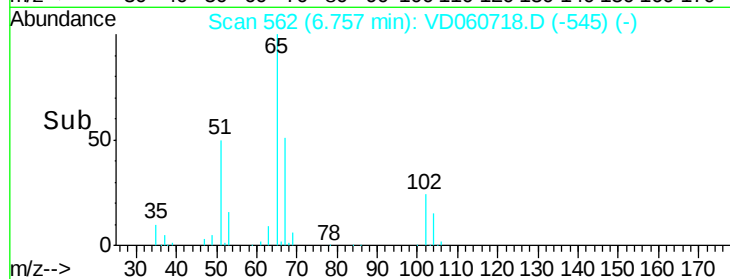
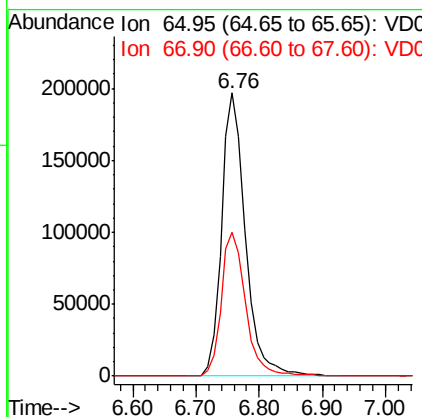
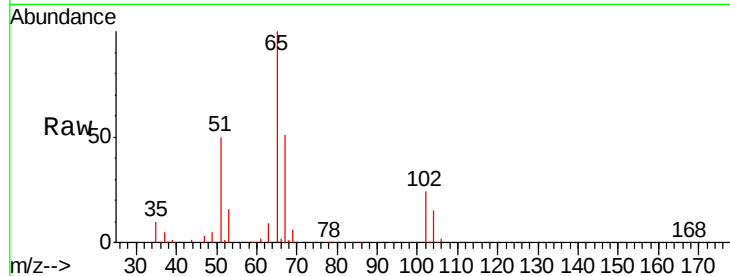




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: VD060718.D
 Acq: 26 Dec 2018 18:10

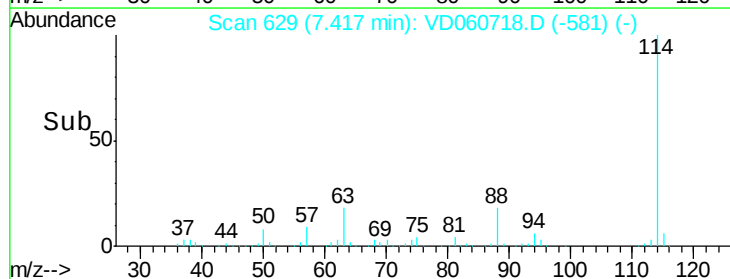
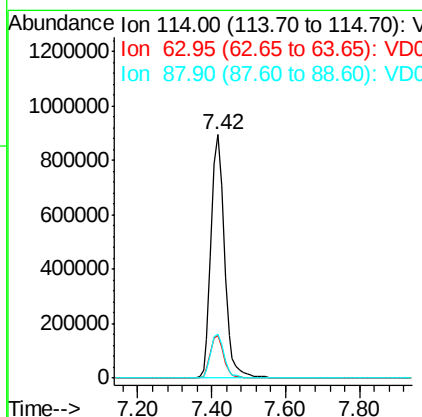
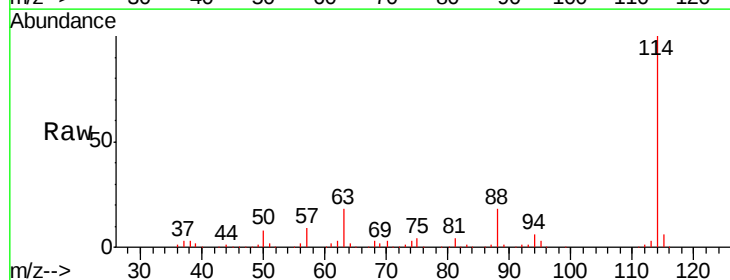
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11989

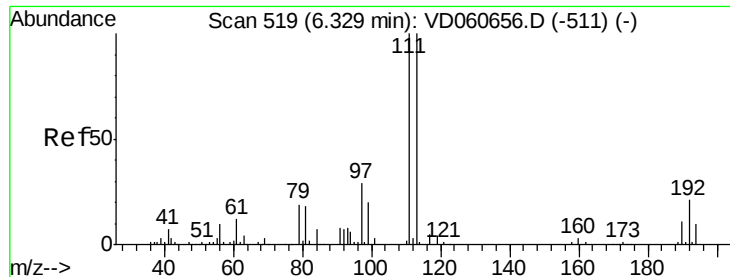
Tgt Ion: 65 Resp: 516610
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 629
 Delta R.T. -0.02 min
 Lab File: VD060718.D
 Acq: 26 Dec 2018 18:10

Tgt Ion: 114 Resp: 2234512
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 17.8 0.0 37.0

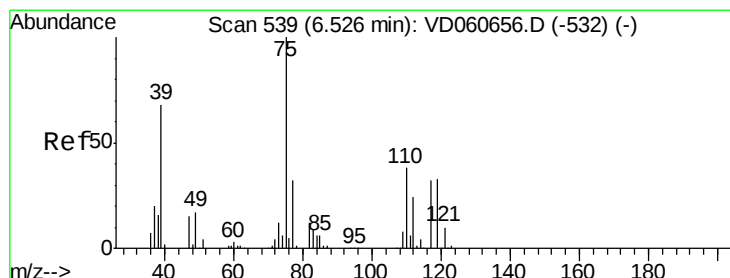
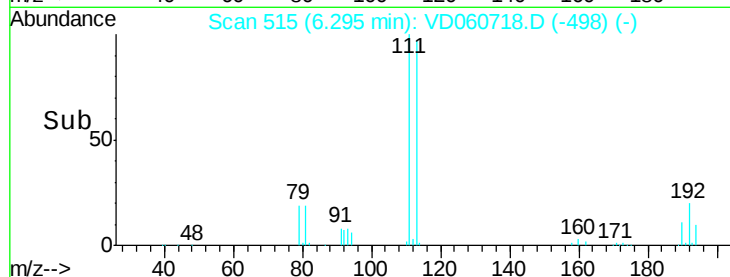
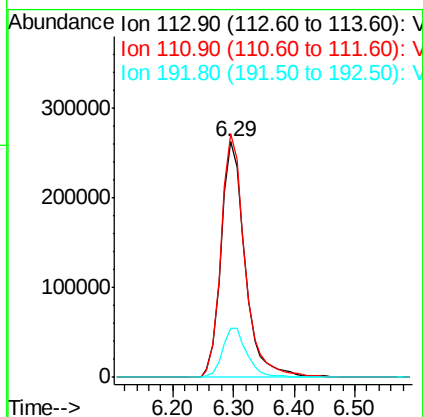
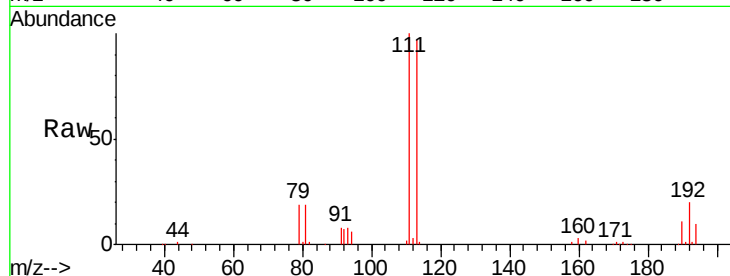




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 515
Delta R.T. -0.03 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

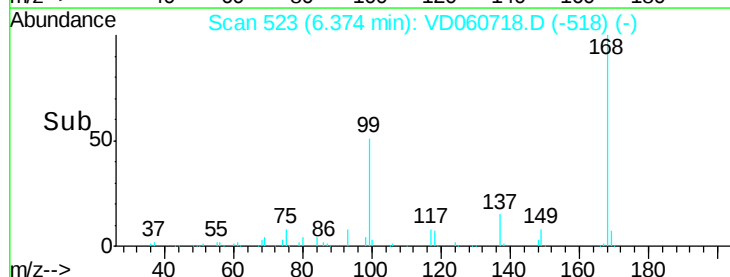
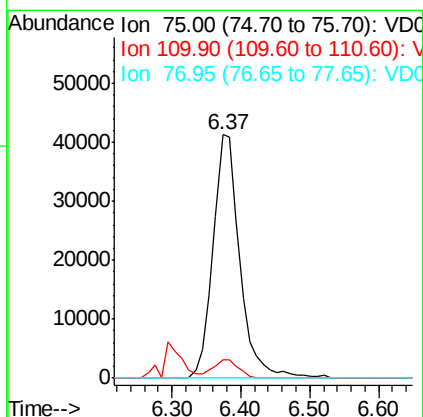
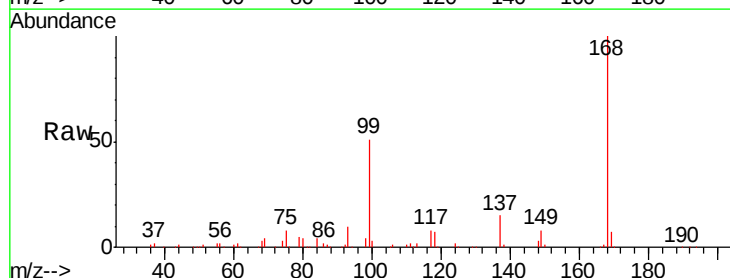
Instrument :
MSVOA_D
ClientSampleId :
72-11989

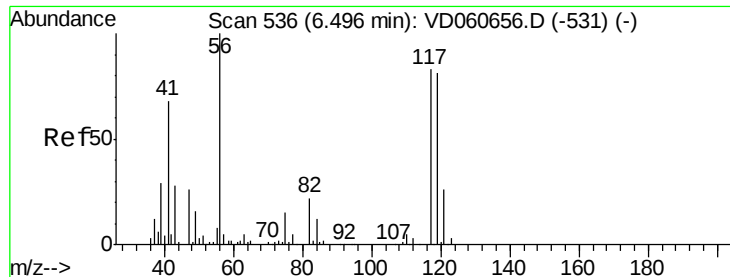
Tgt Ion:113 Resp: 726348
Ion Ratio Lower Upper
113 100
111 103.4 80.0 120.0
192 21.1 16.6 25.0



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 6.37 min Scan# 523
Delta R.T. -0.15 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

Tgt Ion: 75 Resp: 111289
Ion Ratio Lower Upper
75 100
110 7.3 18.9 56.7#
77 0.0 25.4 38.0#





#38

Carbon Tetrachloride

Concen: 6.311 ug/l

RT: 6.38 min Scan# 524

Delta R.T. -0.11 min

Lab File: VD060718.D

Acq: 26 Dec 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

72-11989

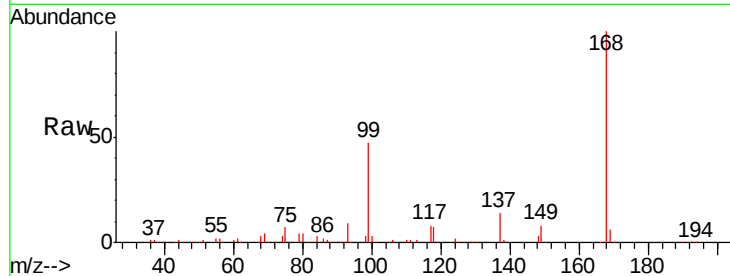
Tgt Ion:117 Resp: 128118

Ion Ratio Lower Upper

117 100

119 4.4 77.0 115.4#

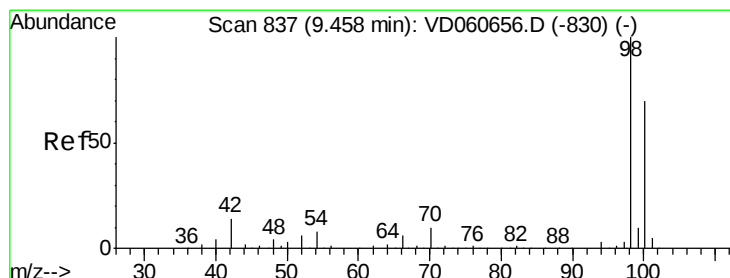
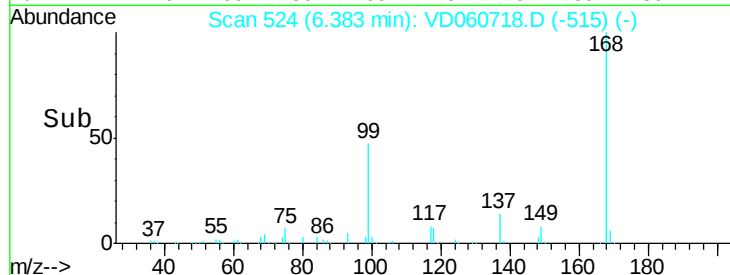
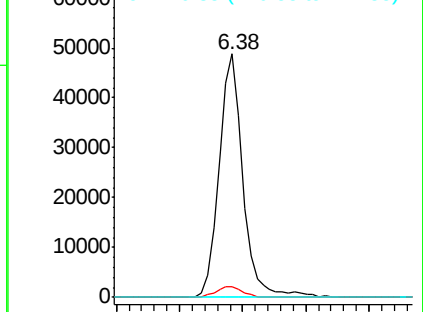
121 0.0 24.7 37.1#



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: 9.42 min Scan# 833

Delta R.T. -0.03 min

Lab File: VD060718.D

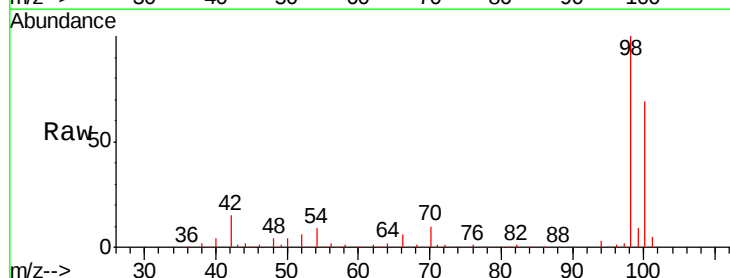
Acq: 26 Dec 2018 18:10

Tgt Ion: 98 Resp: 2049741

Ion Ratio Lower Upper

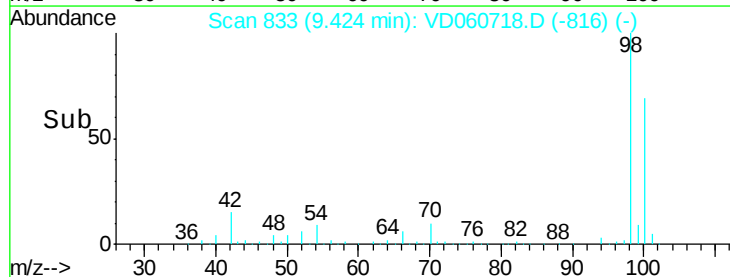
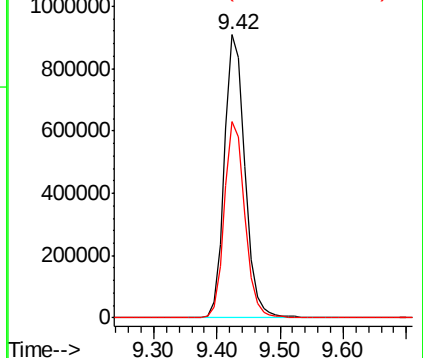
98 100

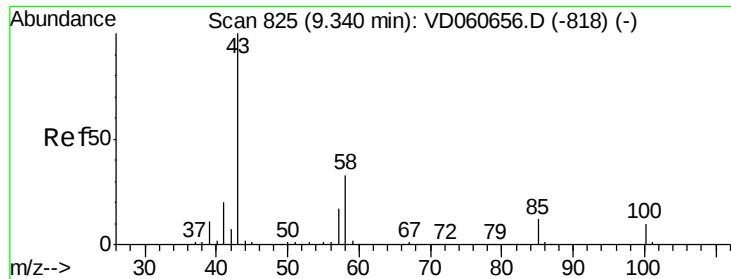
100 69.2 55.8 83.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#51

4-Methyl-2-Pentanone

Concen: 1.524 ug/l

RT: 9.42 min Scan# 833

Delta R.T. 0.08 min

Lab File: VD060718.D

Acq: 26 Dec 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

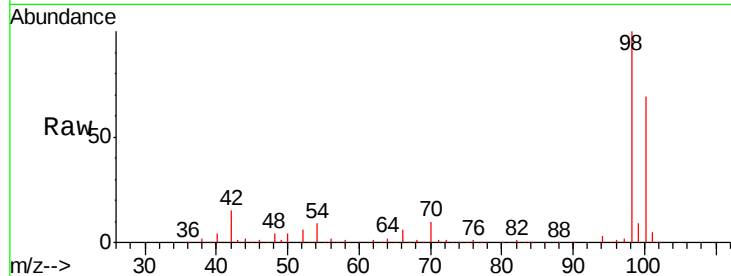
72-11989

Tgt Ion: 43 Resp: 11527

Ion Ratio Lower Upper

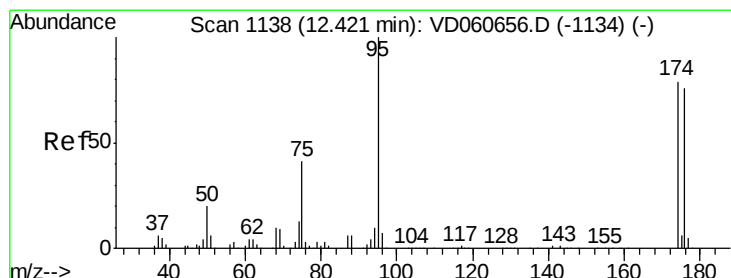
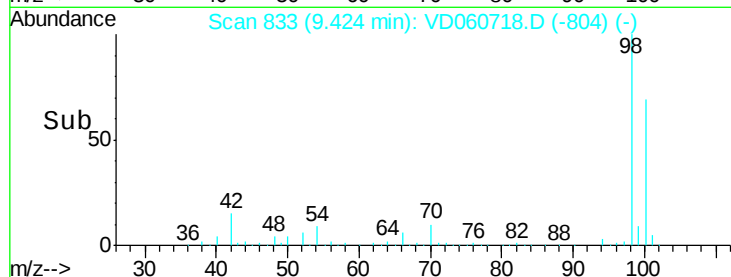
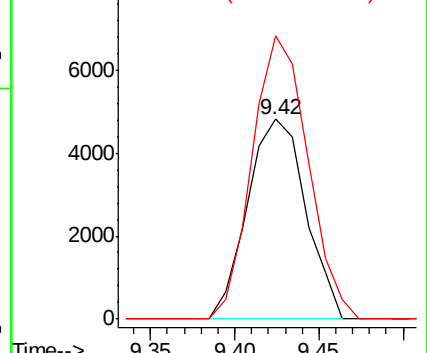
43 100

58 141.6 26.3 39.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VD060718.D

Acq: 26 Dec 2018 18:10

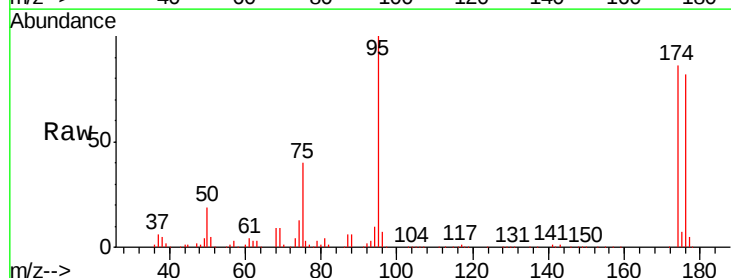
Tgt Ion: 95 Resp: 716175

Ion Ratio Lower Upper

95 100

174 85.8 0.0 158.2

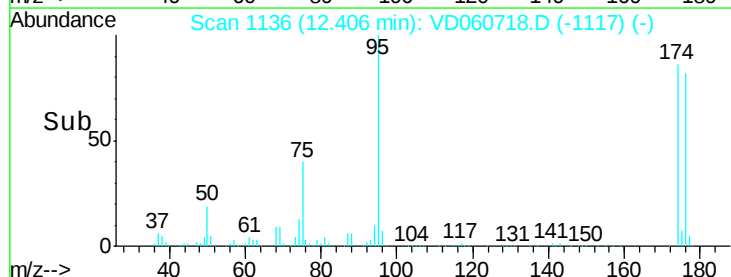
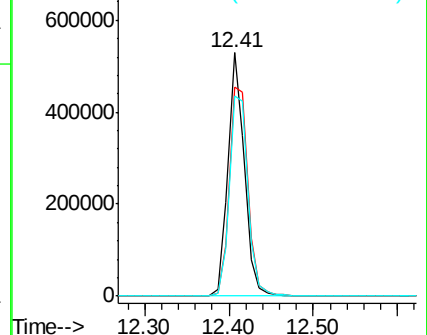
176 82.4 0.0 152.4

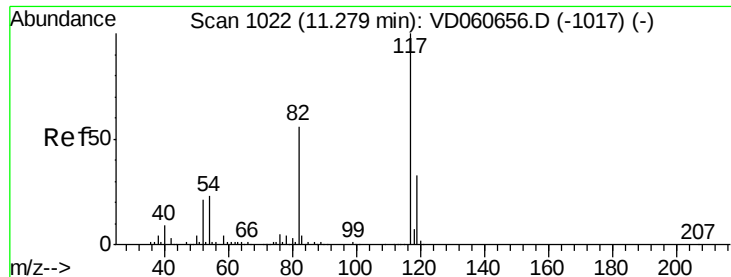


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

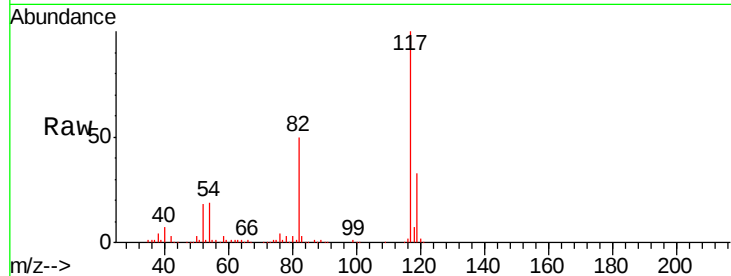




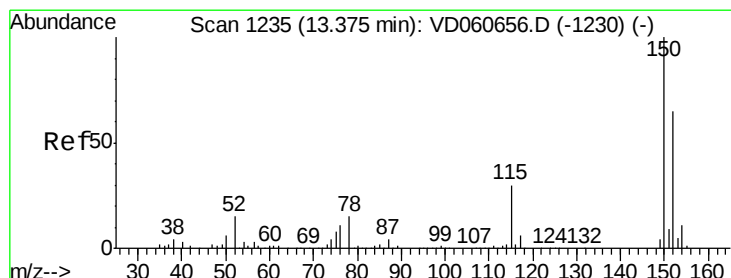
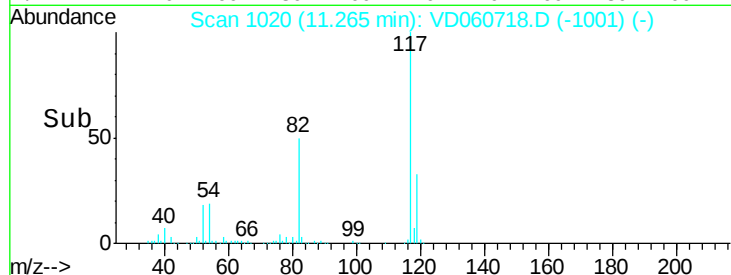
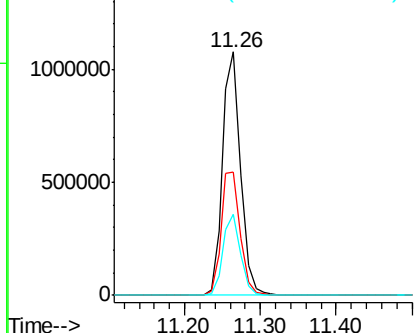
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.01 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

Instrument :
MSVOA_D
ClientSampled :
72-11989

Tgt Ion:117 Resp: 1788518
Ion Ratio Lower Upper
117 100
82 50.4 44.5 66.7
119 33.3 26.3 39.5

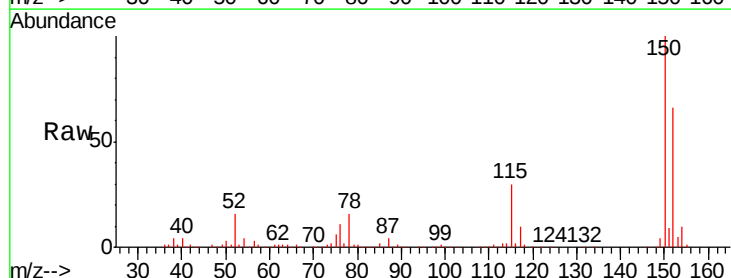


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

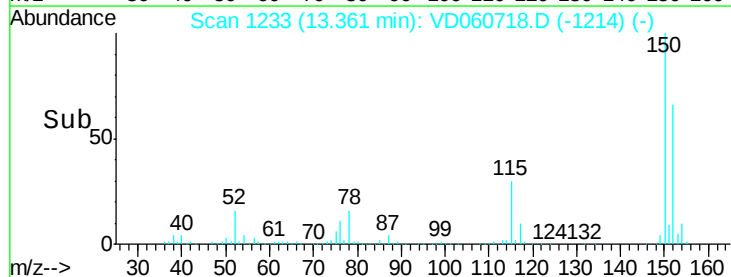
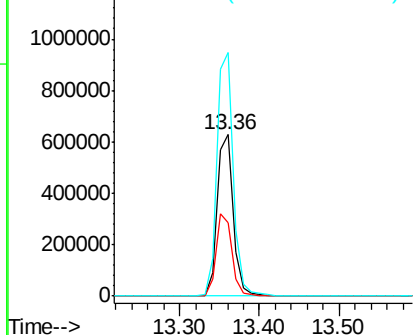


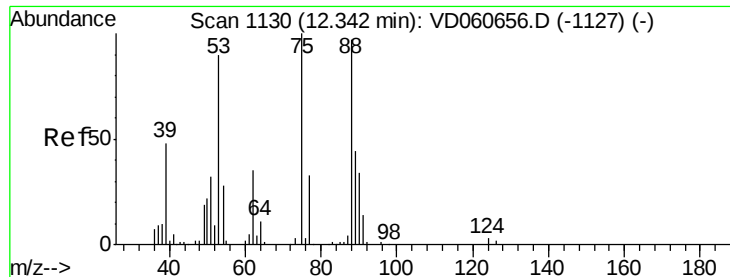
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.01 min
Lab File: VD060718.D
Acq: 26 Dec 2018 18:10

Tgt Ion:152 Resp: 901848
Ion Ratio Lower Upper
152 100
115 45.4 24.1 72.3
150 150.8 0.0 315.0



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: 99.581 ug/l

RT: 12.41 min Scan# 1136

Delta R.T. 0.06 min

Lab File: VD060718.D

Acq: 26 Dec 2018 18:10

Instrument :

MSVOA_D

ClientSampleId :

72-11989

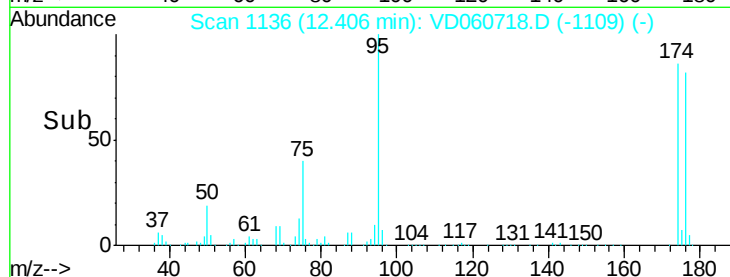
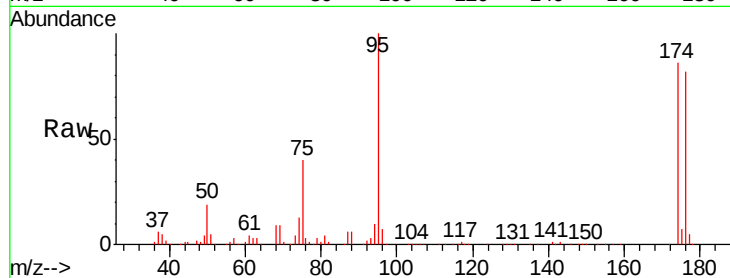
Tgt Ion: 75 Resp: 282523

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



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

