

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060046.D
 Acq On : 19 Sep 2018 17:39
 Operator : JC/SY
 Sample : J5004-04
 Misc : 10.63g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 20 05:45:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1258266	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1704750	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1385092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	707510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	398628	40.63	ug/l	0.02
Spiked Amount			Recovery	=	81.26%	
35) Dibromofluoromethane	6.32	113	522501	39.23	ug/l	0.02
Spiked Amount			Recovery	=	78.46%	
50) Toluene-d8	9.46	98	1365785	37.00	ug/l	0.02
Spiked Amount			Recovery	=	74.00%	
62) 4-Bromofluorobenzene	12.43	95	525308	37.25	ug/l	0.02
Spiked Amount			Recovery	=	74.50%	

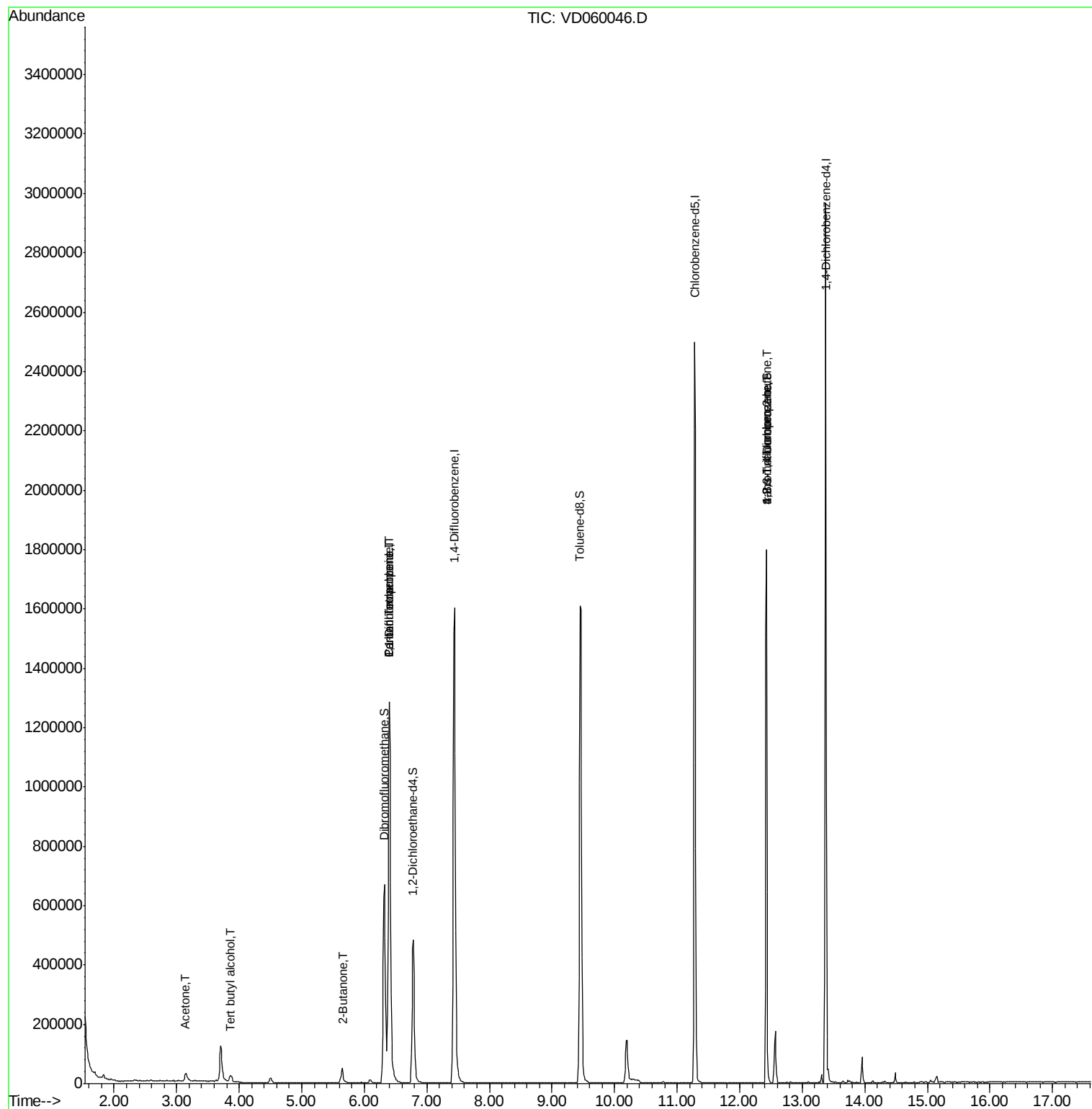
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.86	59	18190	22.97	ug/l	# 74
16) Acetone	3.14	43	53889	28.45	ug/l	95
20) Methylene Chloride	3.70	84	70347	Below	Cal	98
25) 2-Butanone	5.64	43	5264	1.03	ug/l	# 61
36) 1,1-Dichloropropene	6.40	75	93060	5.50	ug/l	# 47
38) Carbon Tetrachloride	6.40	117	98939	6.26	ug/l	# 16
51) 4-Methyl-2-Pentanone	9.45	43	8058	Below	Cal	# 1
59) 2-Hexanone	10.49	43	185	Below	Cal	# 30
76) 1,2,3-Trichloropropane	12.42	75	193333	17.89	ug/l	# 44
81) trans-1,4-Dichloro-2-buten	12.42	75	215870	66.18	ug/l	# 15
89) n-Butylbenzene	13.65	91	821	Below	Cal	# 72
91) 1,2-Dichlorobenzene	13.66	146	803	Below	Cal	73

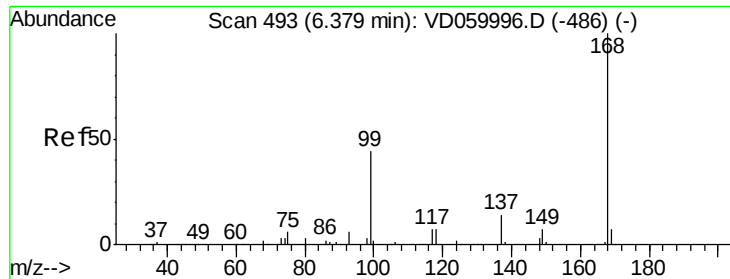
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091918\
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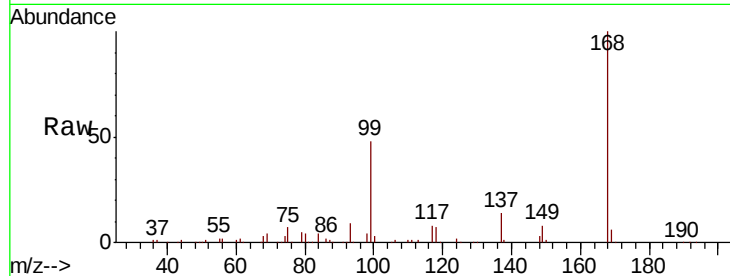


#1

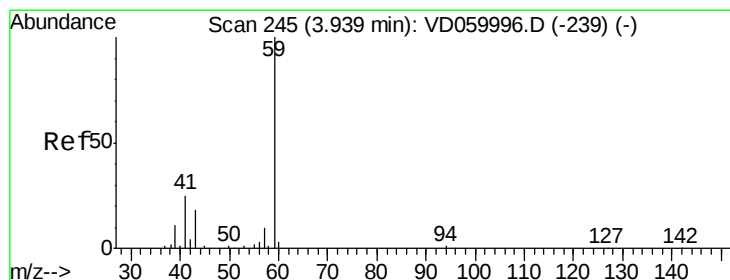
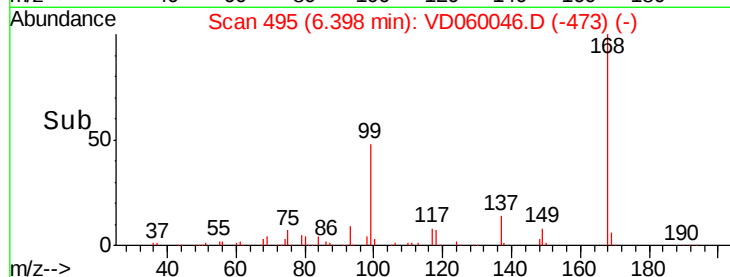
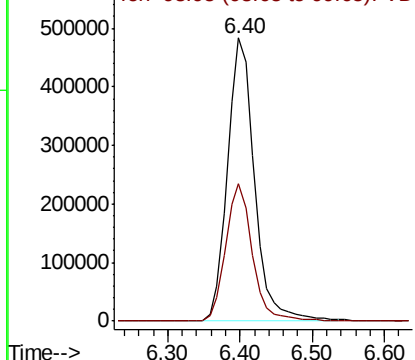
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. 0.02 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:168 Resp: 1258266
 Ion Ratio Lower Upper
 168 100
 99 48.5 38.5 57.7



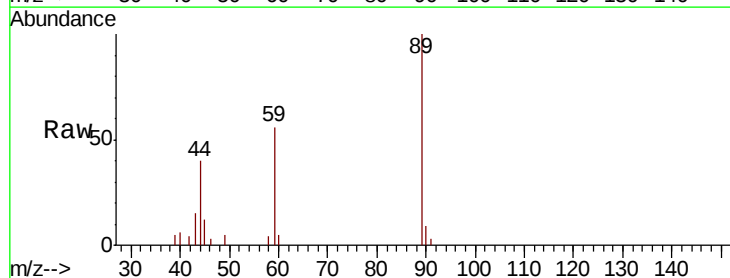
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



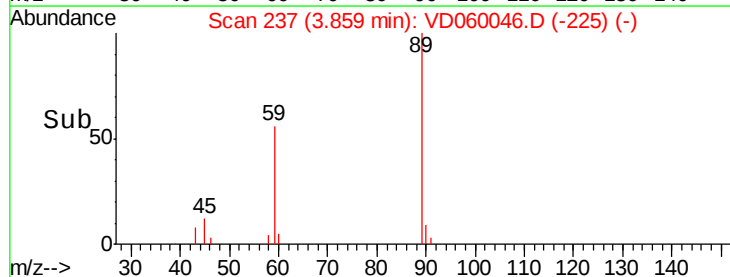
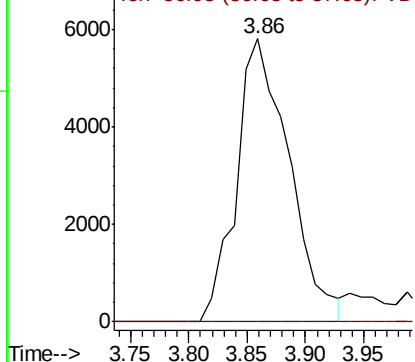
#11

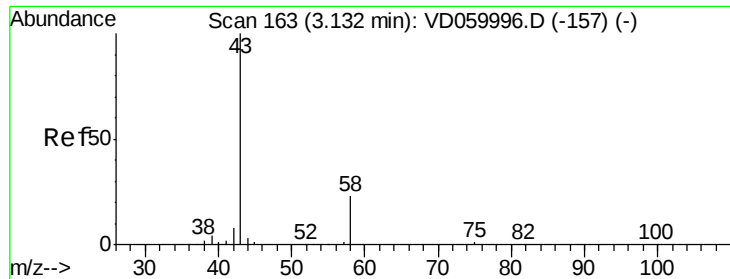
Tert butyl alcohol
 Concen: 22.97 ug/l
 RT: 3.86 min Scan# 237
 Delta R.T. -0.08 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Tgt Ion: 59 Resp: 18190
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 28.45 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

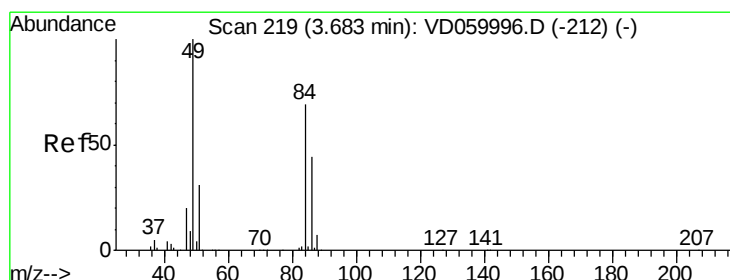
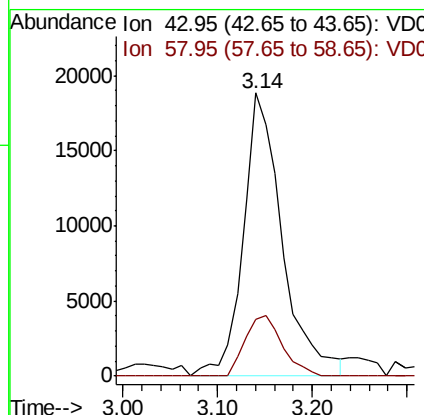
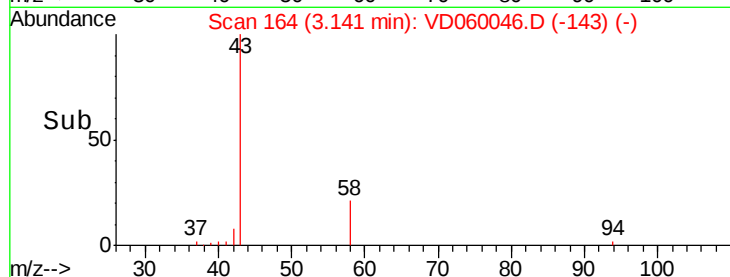
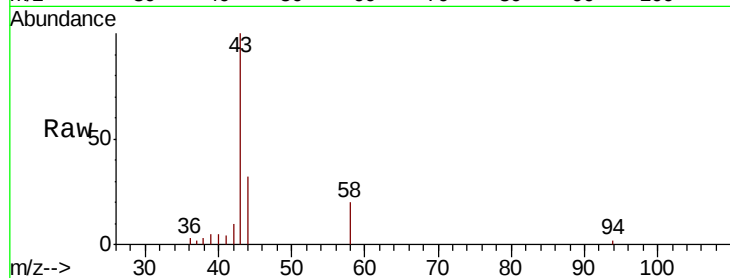
ClientSampleId :

Tot Ion: 43 Resp: 53889

Ion Ratio Lower Upper

43 100

58 20.2 18.1 27.1



#20

Methylene Chloride

Concen: Below Cal

RT: 3.70 min Scan# 221

Delta R.T. 0.02 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Tgt Ion: 84 Resp: 70347

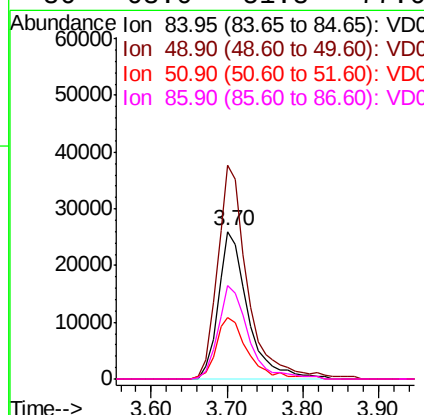
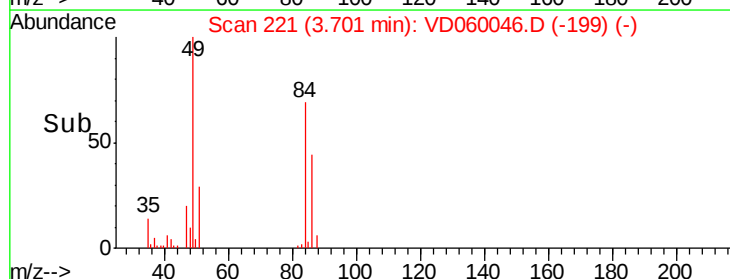
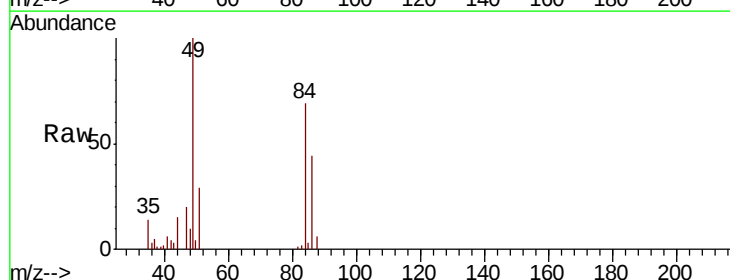
Ion Ratio Lower Upper

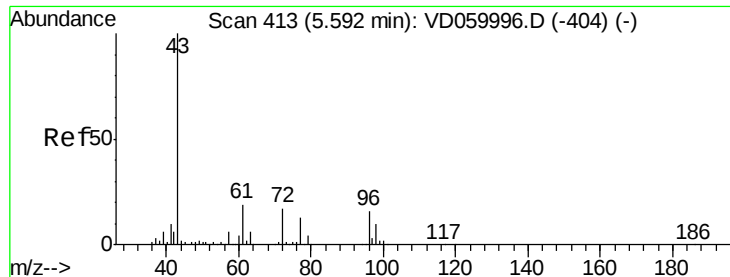
84 100

49 144.5 116.6 175.0

51 41.5 35.9 53.9

86 63.0 51.8 77.6





#25

2-Butanone

Concen: 1.03 ug/l

RT: 5.64 min Scan# 418

Delta R.T. 0.05 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

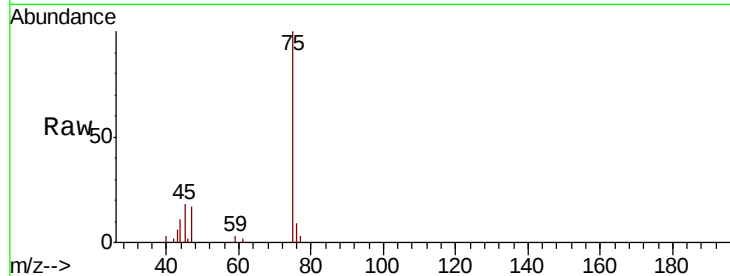
ClientSampled :

Tot Ion: 43 Resp: 5264

Ion Ratio Lower Upper

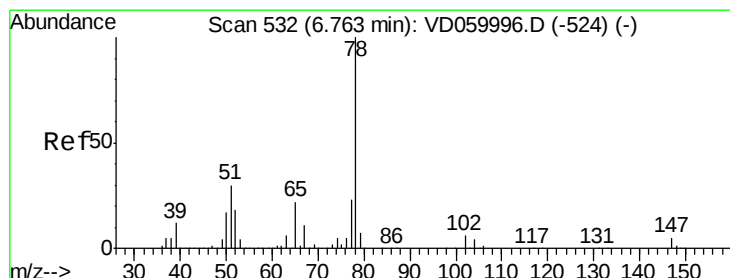
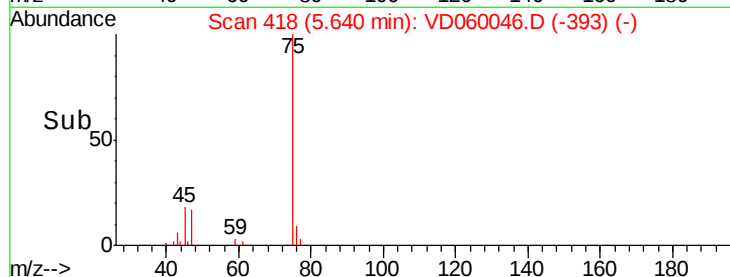
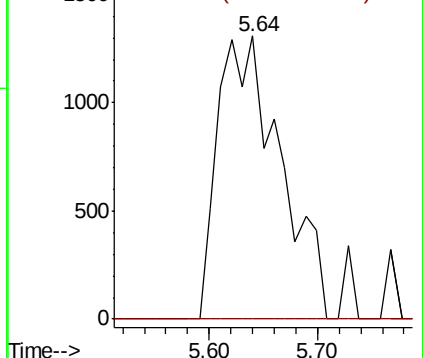
43 100

72 0.0 13.6 20.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060046.D

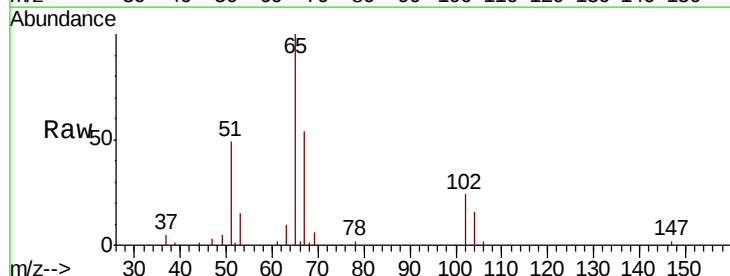
Acq: 19 Sep 2018 17:39

Tgt Ion: 65 Resp: 398628

Ion Ratio Lower Upper

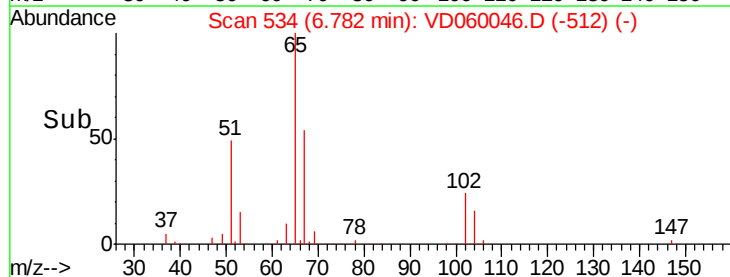
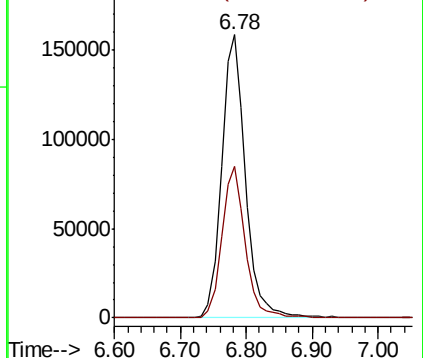
65 100

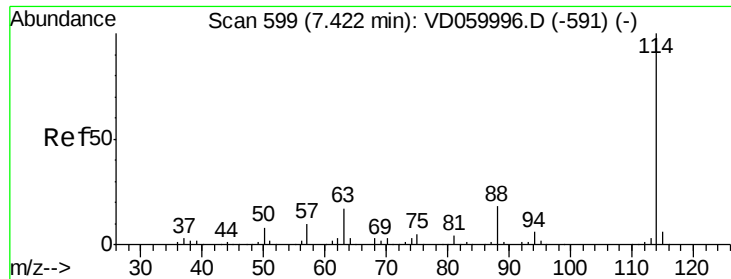
67 53.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

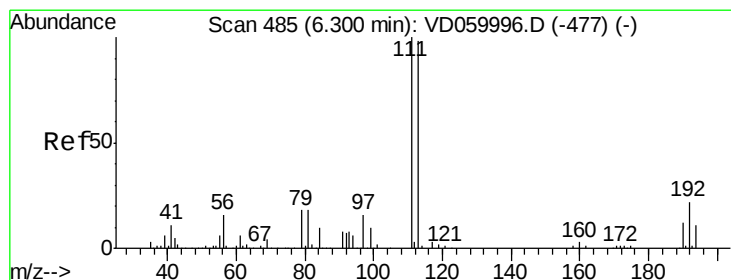
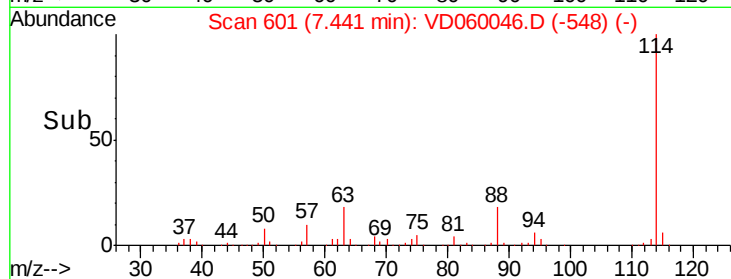
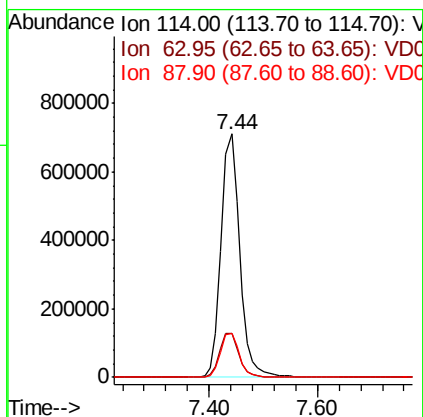
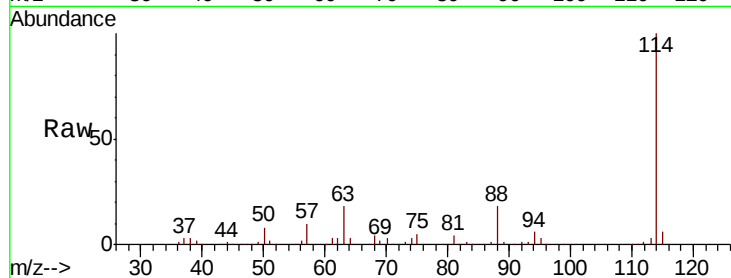




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

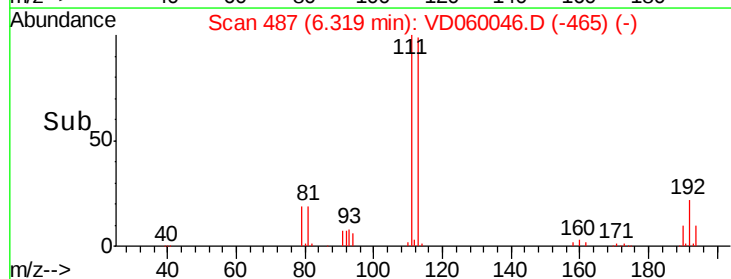
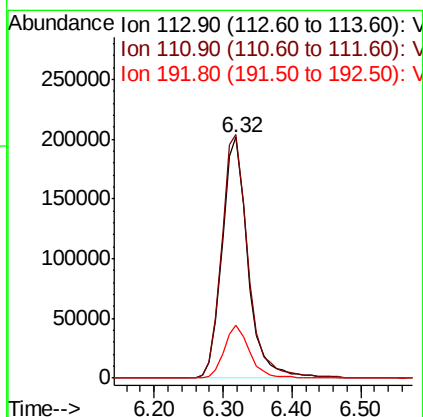
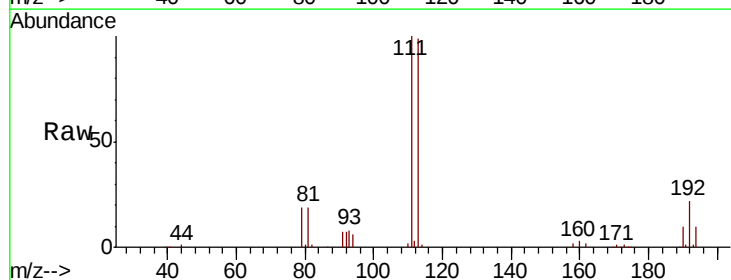
Instrument :
 MSVOA_D
 ClientSampleID :

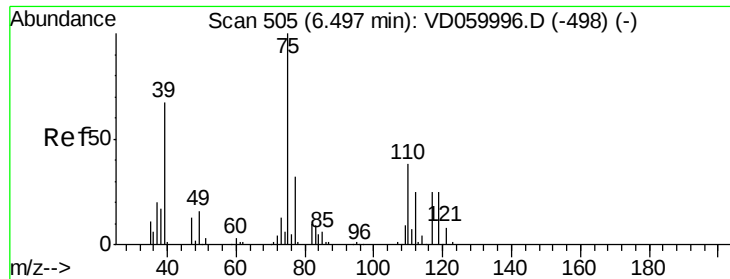
Tot Ion:114 Resp: 1704750
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.4
 88 18.0 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Tgt Ion:113 Resp: 522501
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.3 121.9
 192 21.9 18.1 27.1

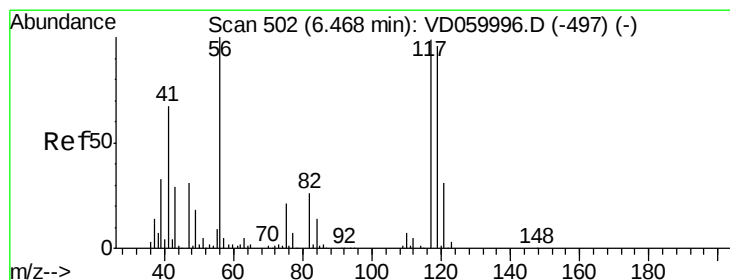
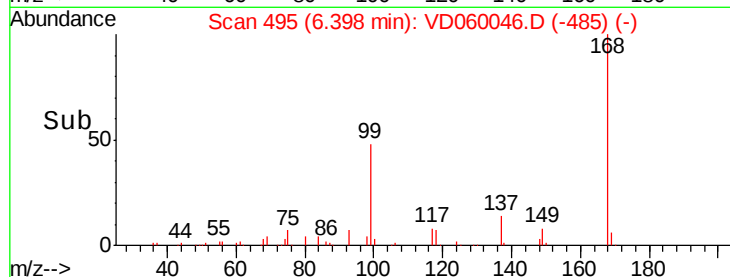
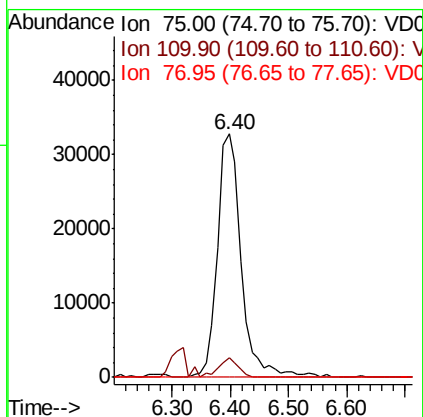
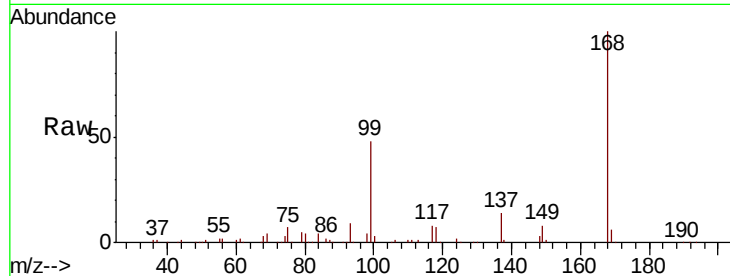




#36
 1,1-Dichloropropene
 Concen: 5.50 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

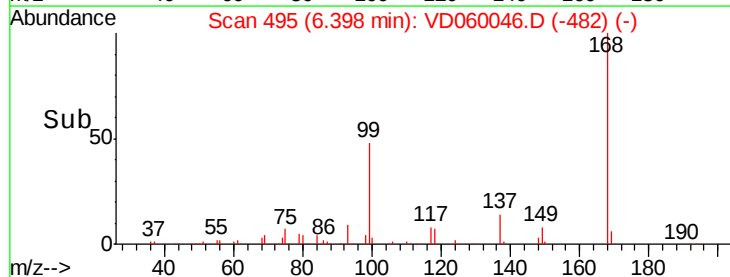
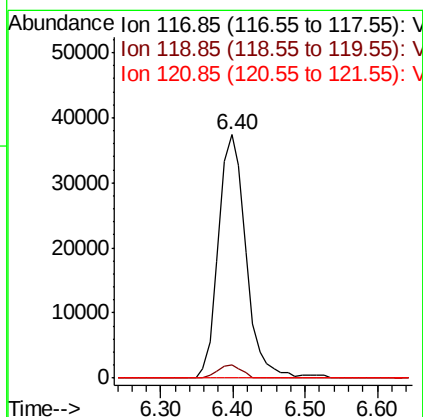
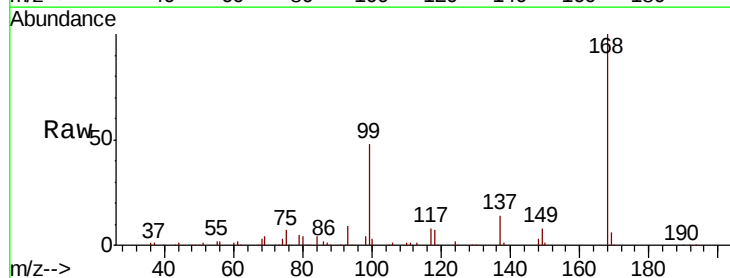
Instrument :
 MSVOA_D
 ClientSampleId :

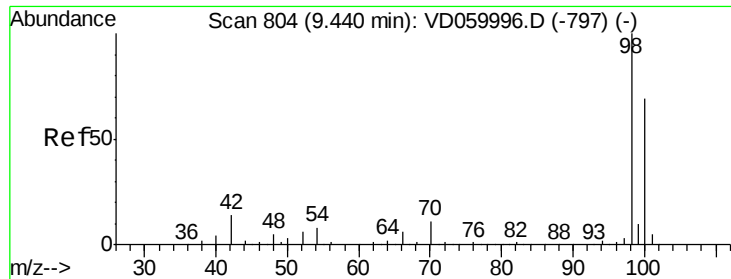
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.9	56.9#
77	0.0	25.3	37.9#



#38
 Carbon Tetrachloride
 Concen: 6.26 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.07 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.7	115.1#
121	0.0	24.9	37.3#

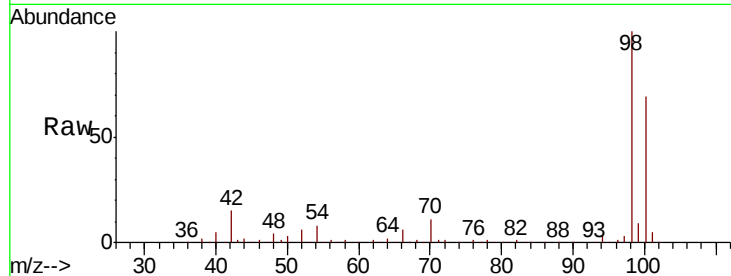




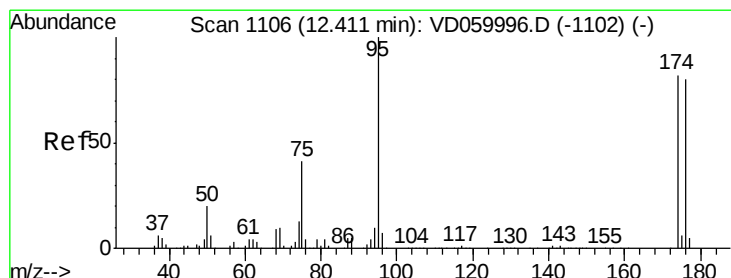
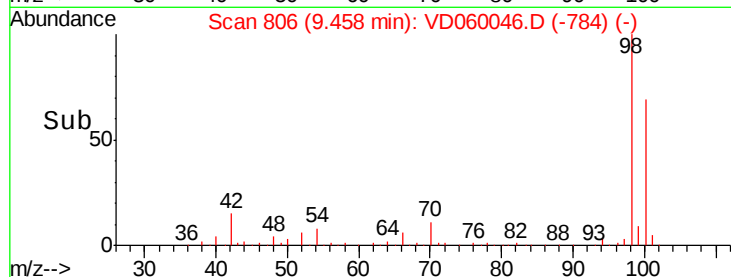
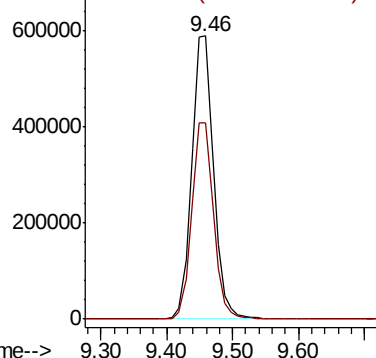
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060046.D
Acq: 19 Sep 2018 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1365785
Ion Ratio Lower Upper
98 100
100 69.4 55.8 83.6

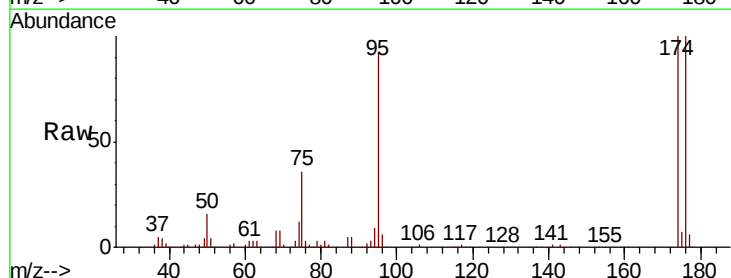


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

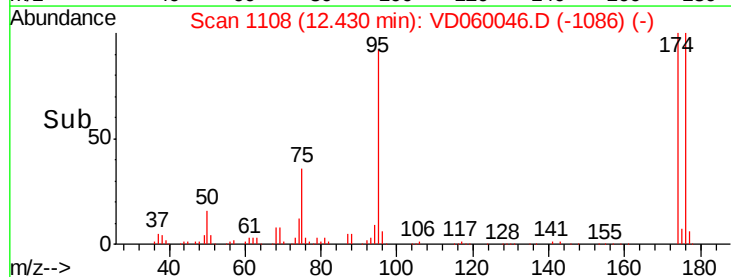
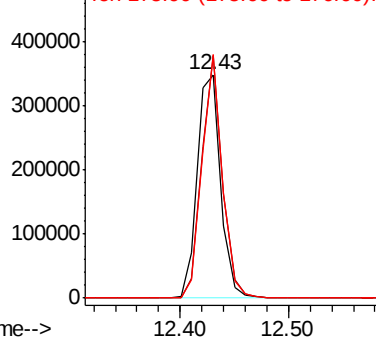


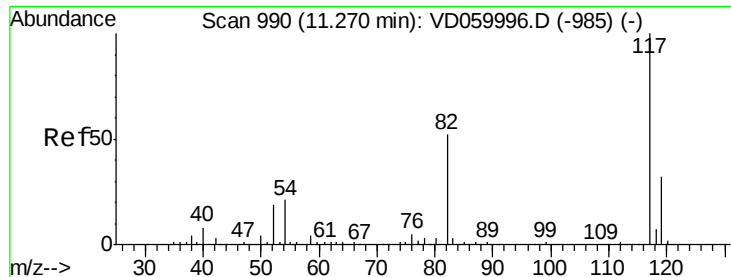
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.02 min
Lab File: VD060046.D
Acq: 19 Sep 2018 17:39

Tgt Ion: 95 Resp: 525308
Ion Ratio Lower Upper
95 100
174 108.7 0.0 165.0
176 109.0 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

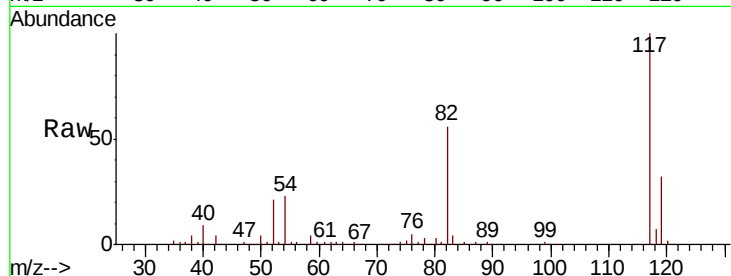




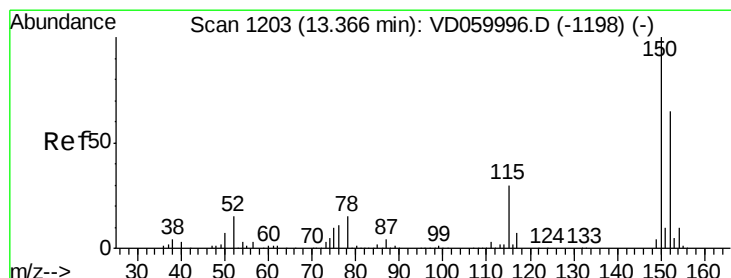
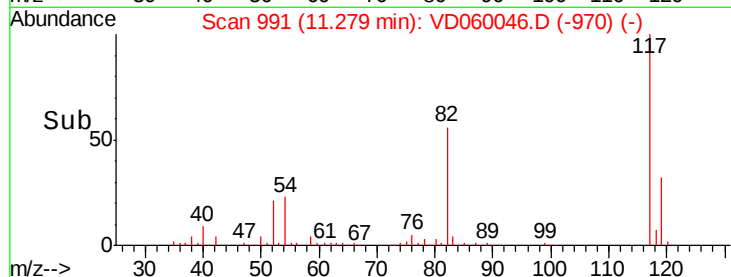
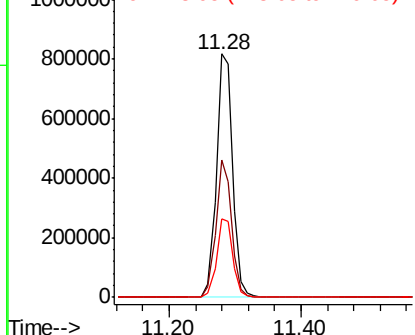
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060046.D
Acq: 19 Sep 2018 17:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 1385092
Ion Ratio Lower Upper
117 100
82 56.2 41.7 62.5
119 32.2 26.0 39.0

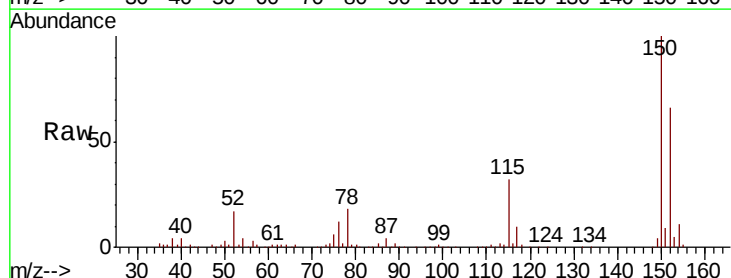


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

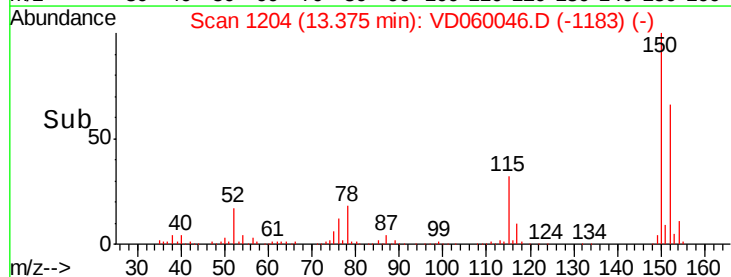
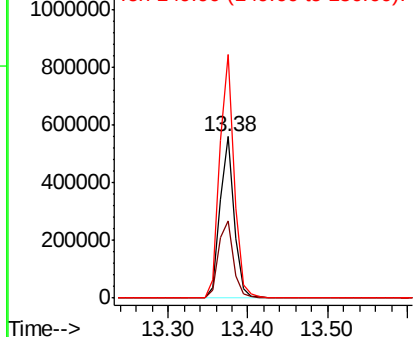


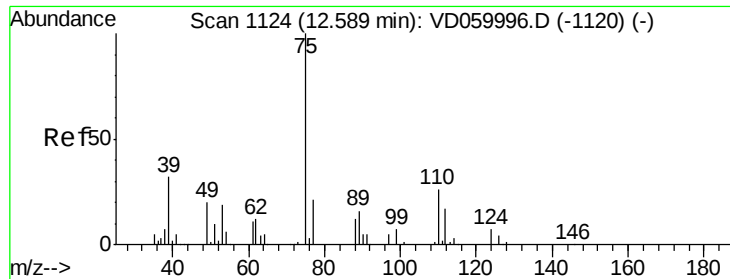
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060046.D
Acq: 19 Sep 2018 17:39

Tgt Ion:152 Resp: 707510
Ion Ratio Lower Upper
152 100
115 48.0 24.6 73.8
150 151.0 0.0 313.4



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: 17.89 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.17 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

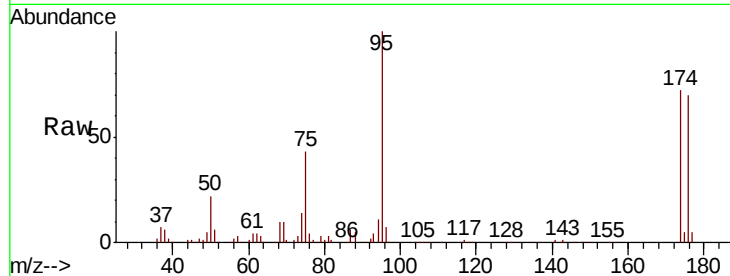
ClientSampleId :

Tot Ion: 75 Resp: 193333

Ion Ratio Lower Upper

75 100

77 1.3 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.42

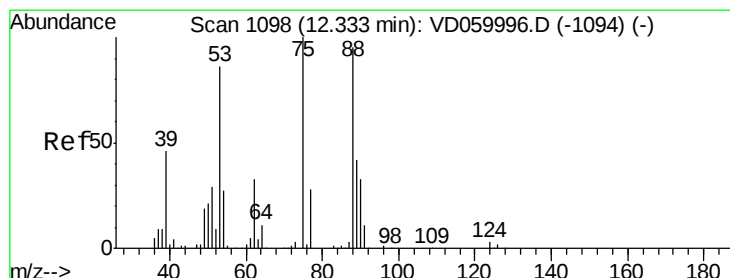
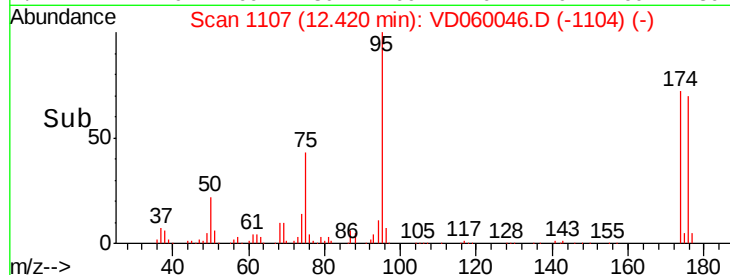
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 66.18 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

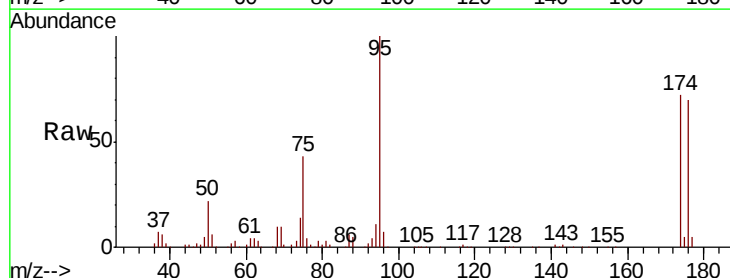
Tgt Ion: 75 Resp: 215870

Ion Ratio Lower Upper

75 100

53 0.0 68.4 102.6#

89 0.0 33.8 50.6#



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

12.42

150000

100000

50000

0

Time-->

