

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121818\
 Data File : VD060629.D
 Acq On : 18 Dec 2018 18:59
 Operator : VA/AP
 Sample : J6445-06RE
 Misc : 4.47g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EB05_1.5-3.5RE

Quant Time: Dec 19 02:49:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

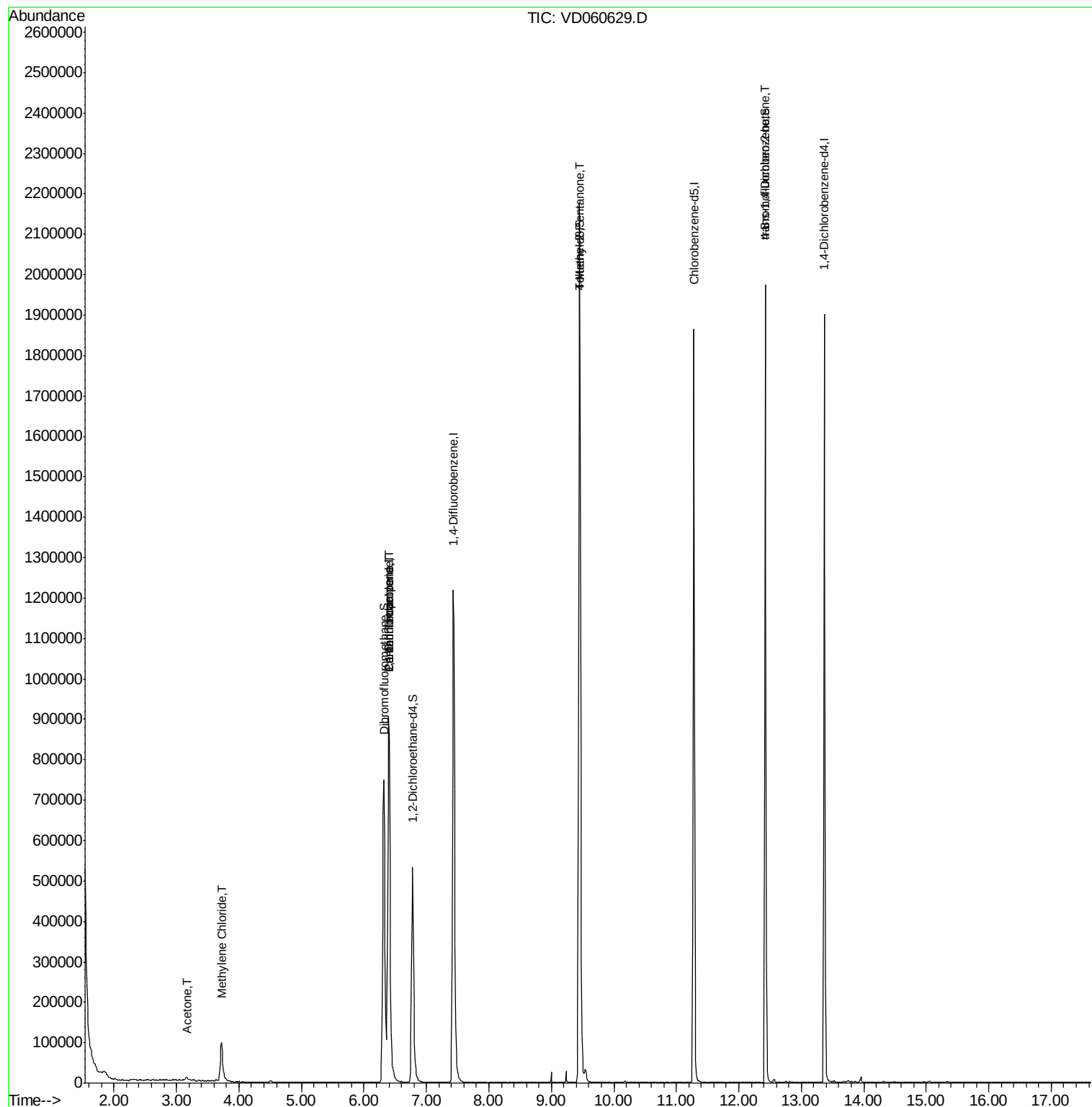
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	872434	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	1259428	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	956136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	422086	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	448986	72.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	145.22%	
35) Dibromofluoromethane	6.32	113	590624	63.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	127.70%	
50) Toluene-d8	9.45	98	1666169	62.24	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	124.48%	
62) 4-Bromofluorobenzene	12.42	95	506990	52.93	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	105.86%	
Target Compounds						
16) Acetone	3.16	43	16696	16.844	ug/l	96
20) Methylene Chloride	3.72	84	61751	2.539	ug/l	97
31) Cyclohexane	6.39	56	15754	Below Cal	#	1
36) 1,1-Dichloropropene	6.40	75	66922	5.436	ug/l #	47
38) Carbon Tetrachloride	6.40	117	67538	6.111	ug/l #	15
51) 4-Methyl-2-Pentanone	9.45	43	9926	2.421	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.42	75	223920	167.874	ug/l #	14

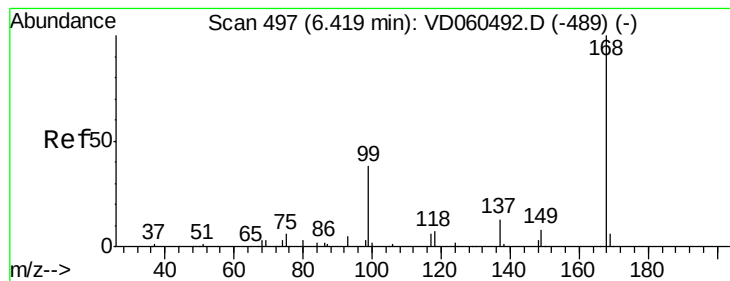
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121818\
Data File : VD060629.D
Acq On : 18 Dec 2018 18:59
Operator : VA/AP
Sample : J6445-06RE
Misc : 4.47g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
EB05_1.5-3.5RE

Quant Time: Dec 19 02:49:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

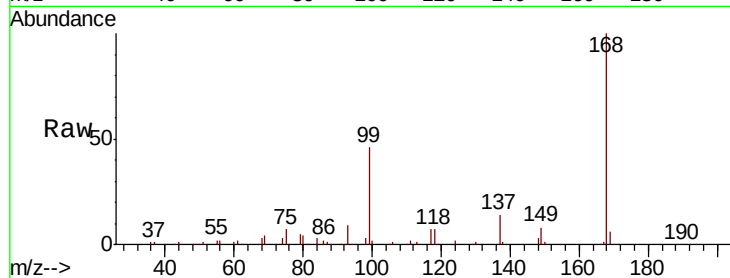
EB05_1.5-3.5RE

Tot Ion:168 Resp: 872434

Ion Ratio Lower Upper

168 100

99 45.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.41

300000

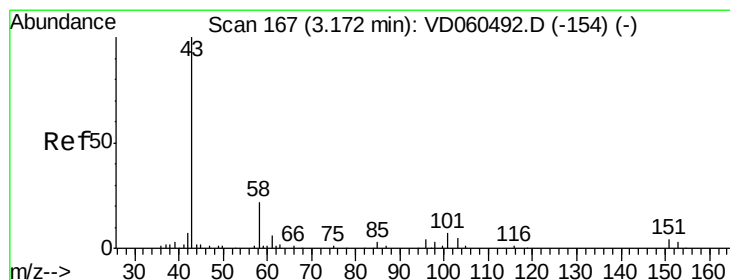
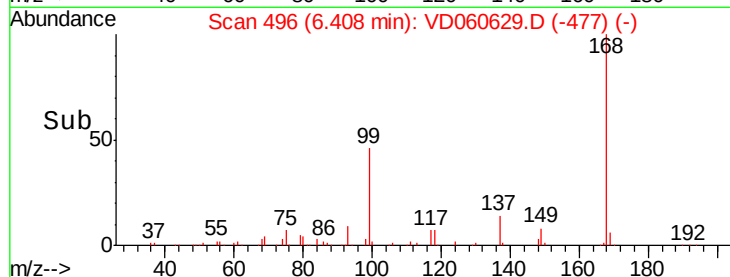
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#16

Acetone

Concen: 16.844 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060629.D

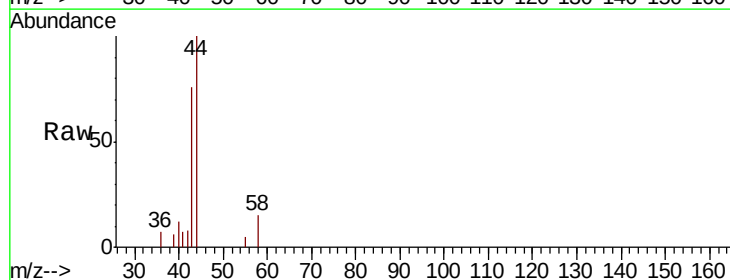
Acq: 18 Dec 2018 18:59

Tgt Ion: 43 Resp: 16696

Ion Ratio Lower Upper

43 100

58 19.8 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 57.95 (57.65 to 58.65): V

3.16

5000

4000

3000

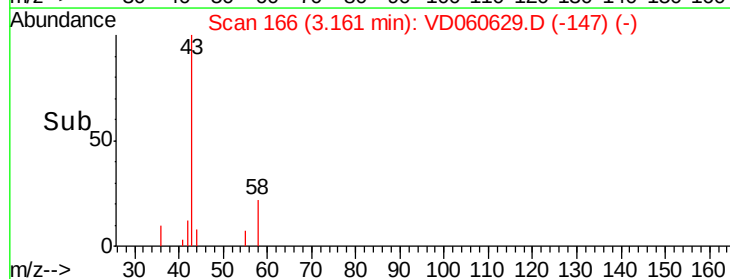
2000

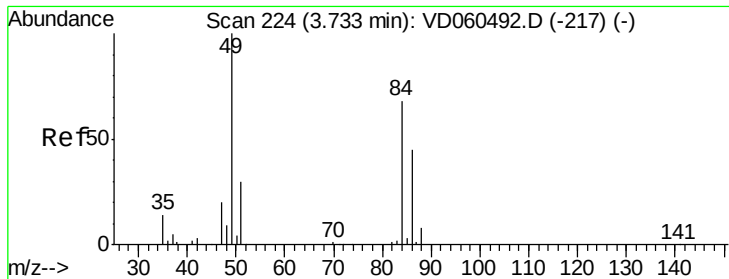
1000

0

3.00 3.10 3.20 3.30

Time-->

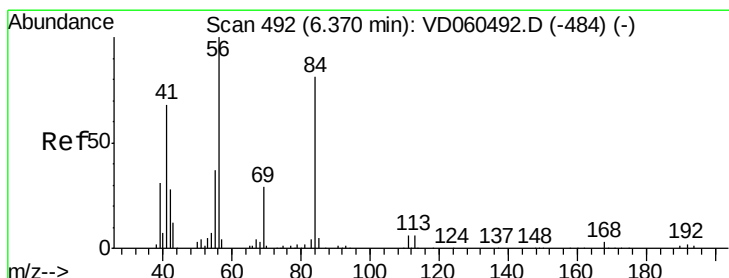
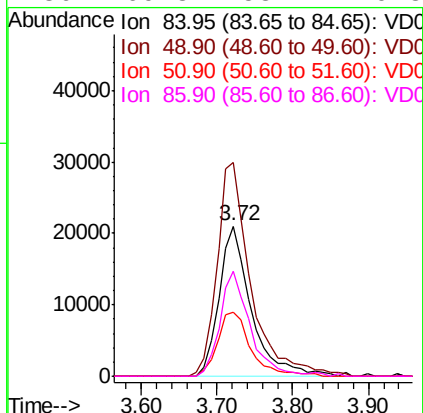
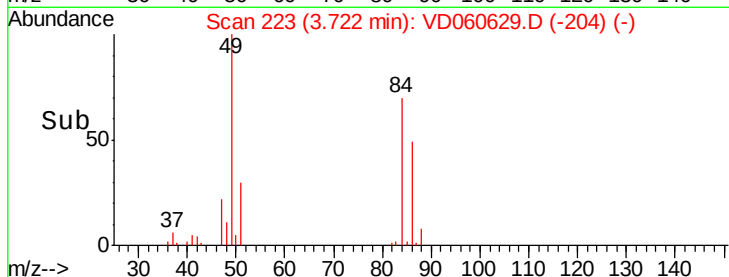
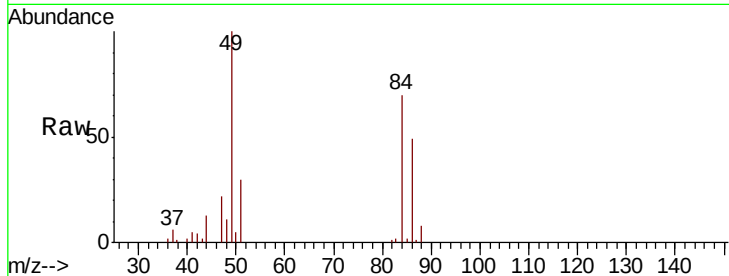




#20
Methylene Chloride
Concen: 2.539 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

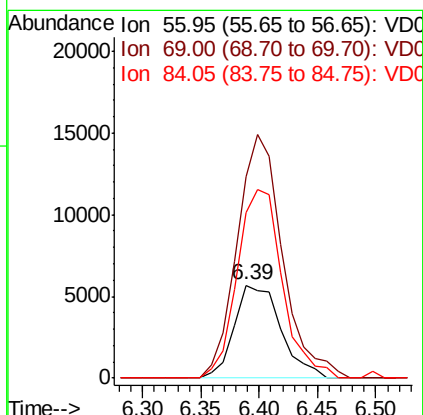
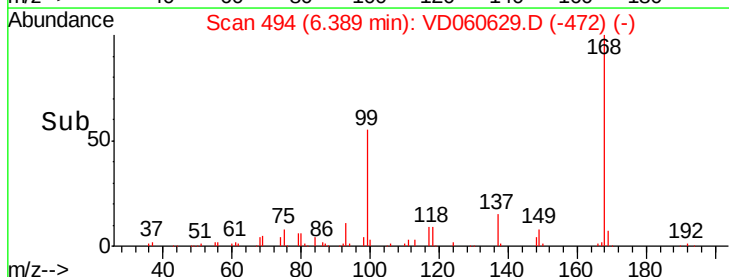
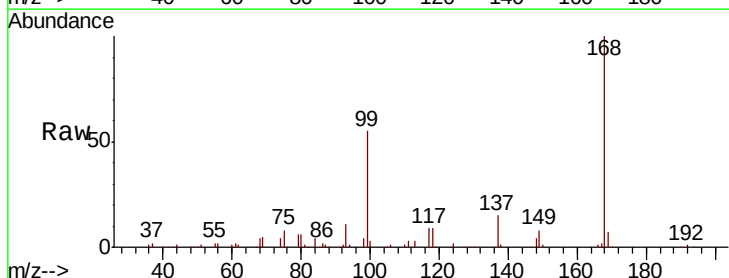
Instrument :
MSVOA_D
ClientSampleId :
EB05_1.5-3.5RE

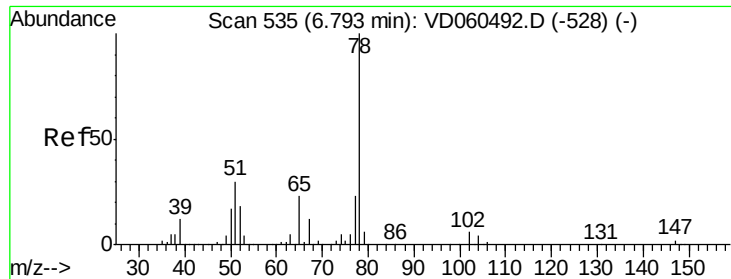
Tot Ion:	84	Resp:	61751
Ion	Ratio	Lower	Upper
84	100		
49	142.5	117.2	175.8
51	42.7	35.3	52.9
86	69.8	53.2	79.8



#31
Cyclohexane
Concen: Below Cal
RT: 6.39 min Scan# 494
Delta R.T. 0.02 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

Tgt Ion:	56	Resp:	15754
Ion	Ratio	Lower	Upper
56	100		
69	217.3	22.8	34.2#
84	178.0	65.1	97.7#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.01 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

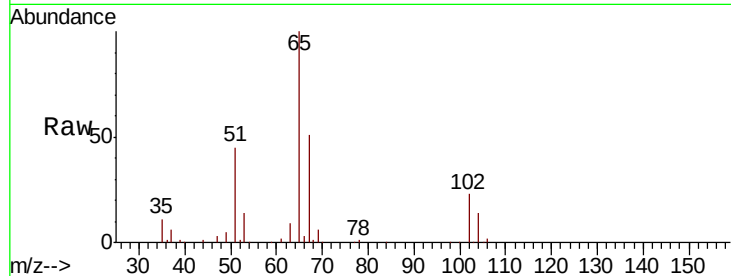
EB05_1.5-3.5RE

Tot Ion: 65 Resp: 448986

Ion Ratio Lower Upper

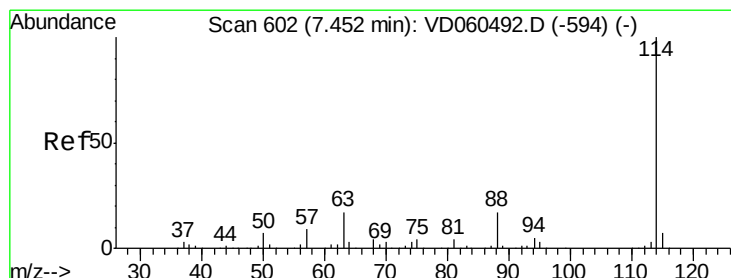
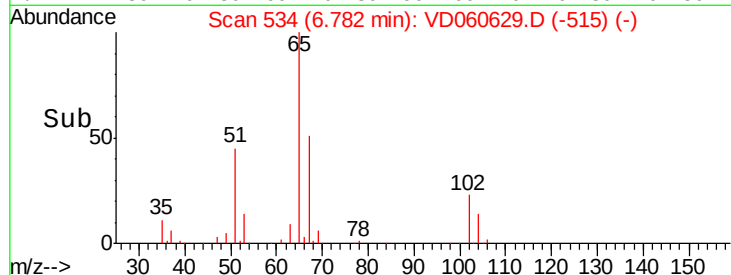
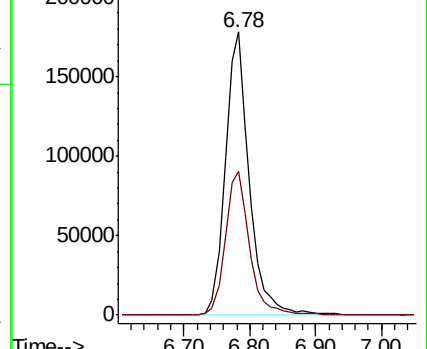
65 100

67 50.7 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. -0.02 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

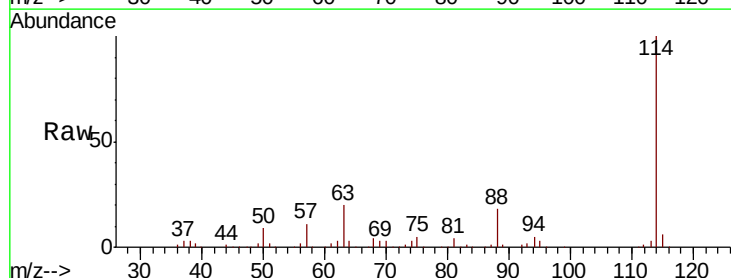
Tgt Ion:114 Resp: 1259428

Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.2

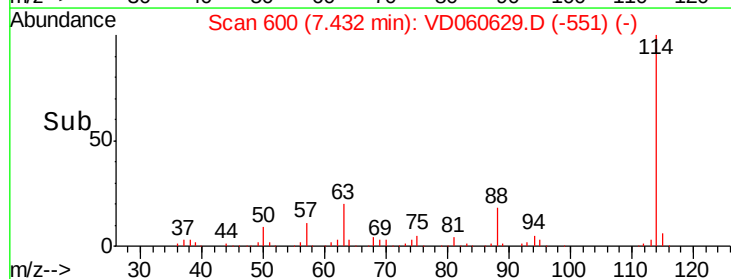
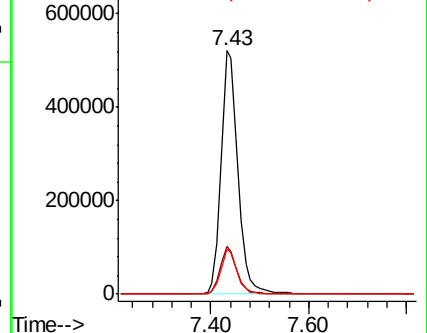
88 18.3 0.0 35.0

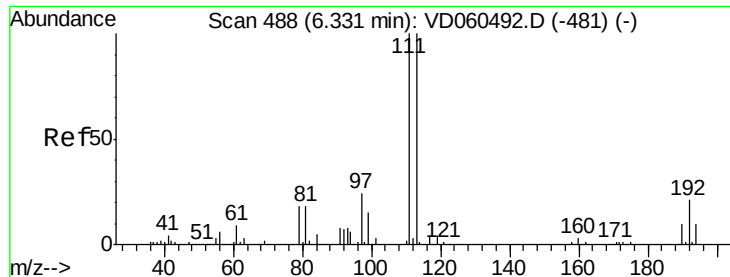


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

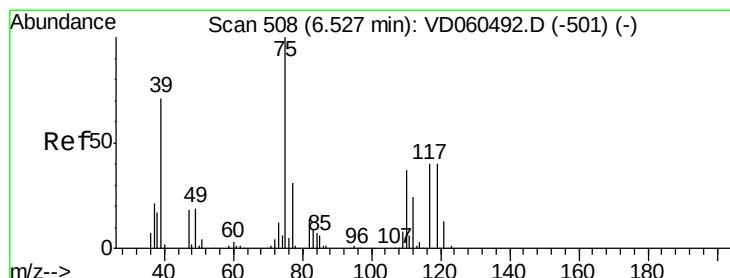
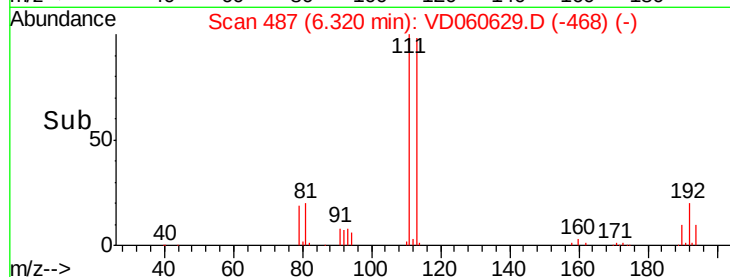
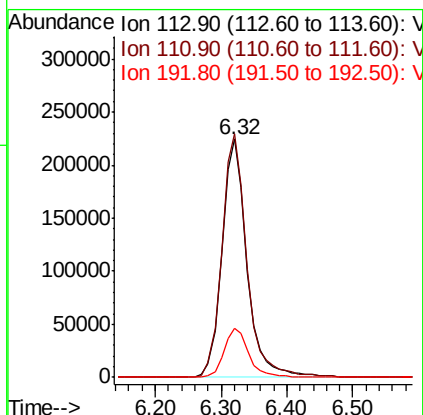
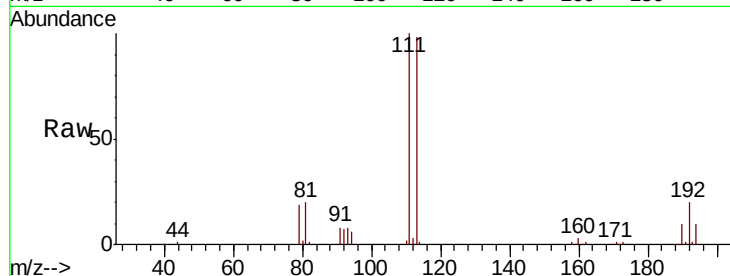




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: VD060629.D
 Acq: 18 Dec 2018 18:59

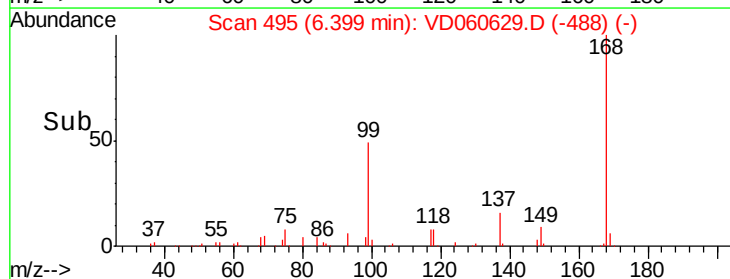
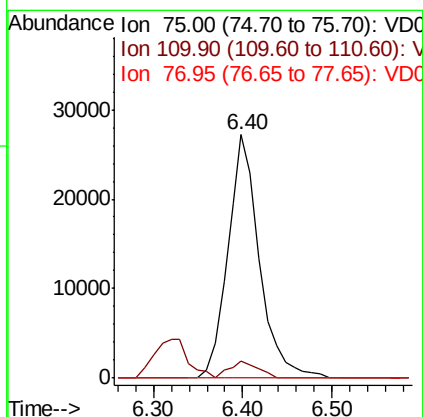
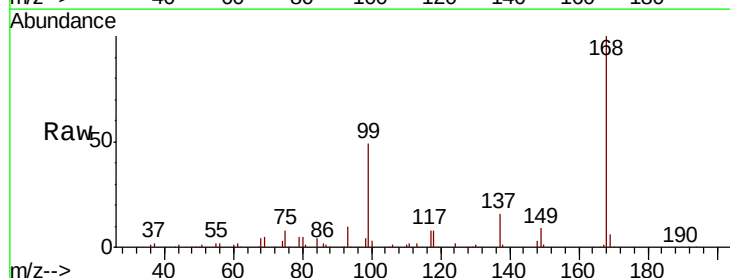
Instrument :
 MSVOA_D
 ClientSampleId :
 EB05_1.5-3.5RE

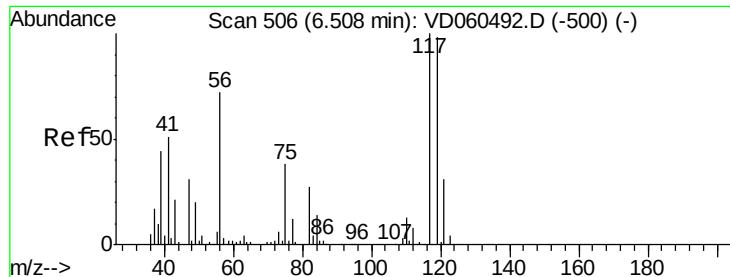
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.2	120.4
192	20.4	16.6	24.8



#36
 1,1-Dichloropropene
 Concen: 5.436 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. -0.13 min
 Lab File: VD060629.D
 Acq: 18 Dec 2018 18:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.8	18.3	54.8#
77	0.0	24.6	37.0#

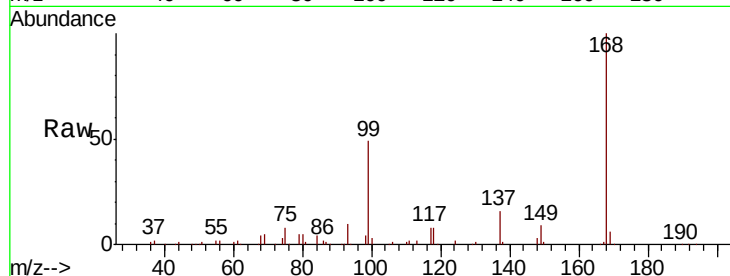




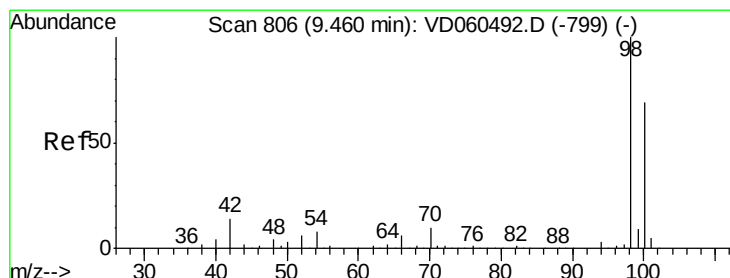
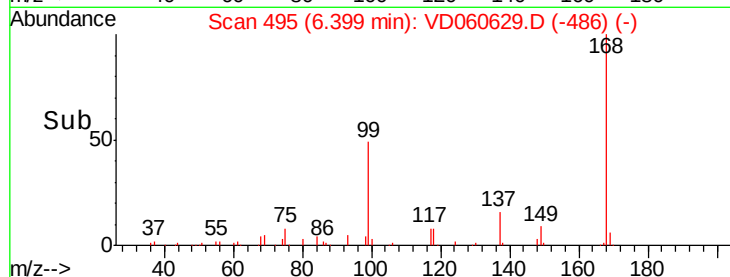
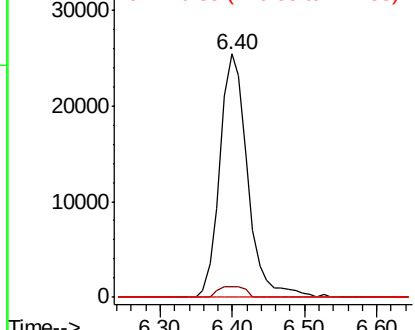
#38
Carbon Tetrachloride
Concen: 6.111 ug/l
RT: 6.40 min Scan# 495
Delta R.T. -0.11 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

Instrument :
MSVOA_D
ClientSampleId :
EB05_1.5-3.5RE

Tot Ion:117 Resp: 67538
Ion Ratio Lower Upper
117 100
119 4.2 76.8 115.2#
121 0.0 24.4 36.6#

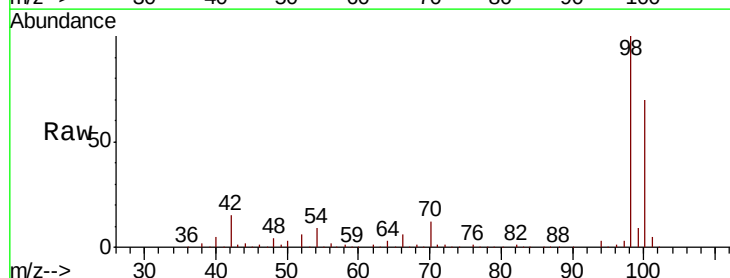


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

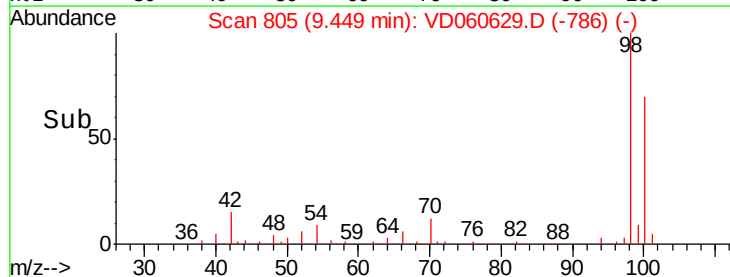
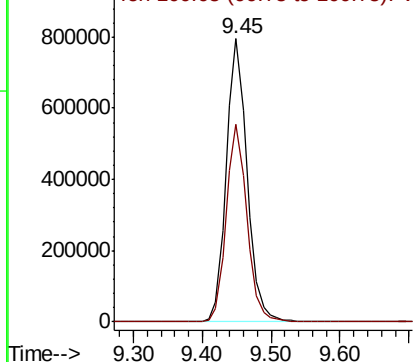


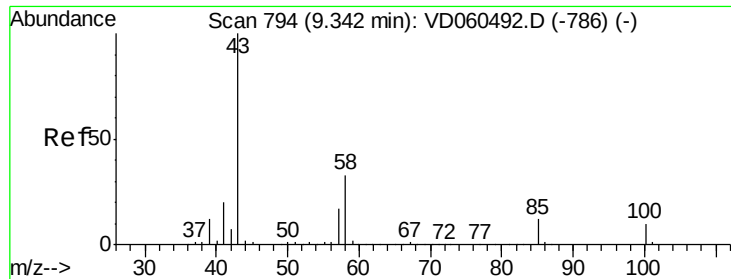
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

Tgt Ion: 98 Resp: 1666169
Ion Ratio Lower Upper
98 100
100 69.7 55.7 83.5



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: 2.421 ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.11 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

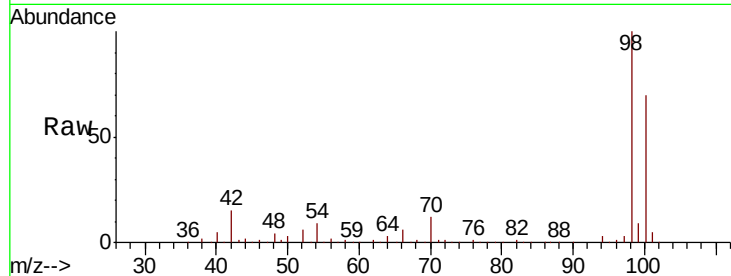
EB05_1.5-3.5RE

Tot Ion: 43 Resp: 9926

Ion Ratio Lower Upper

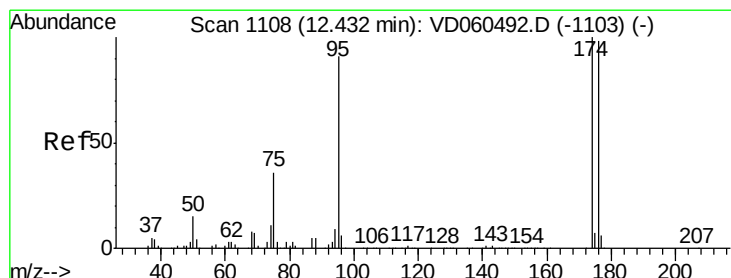
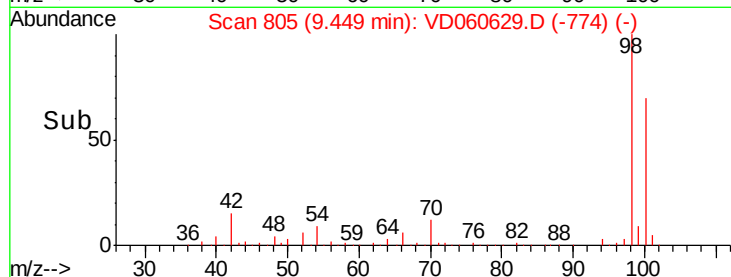
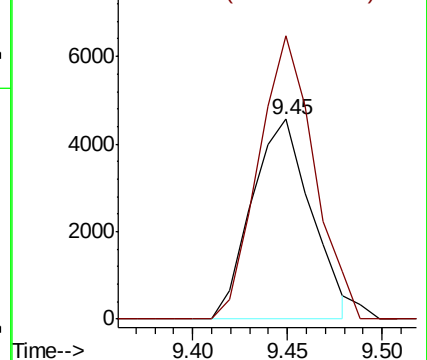
43 100

58 141.7 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: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

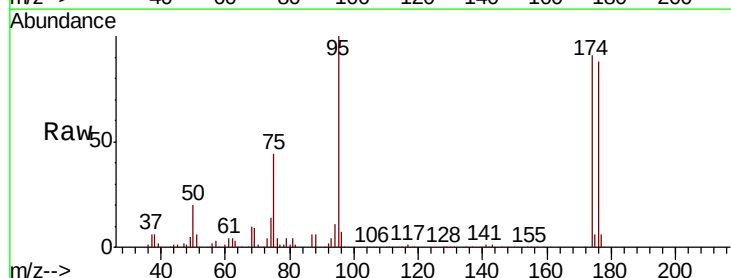
Tgt Ion: 95 Resp: 506990

Ion Ratio Lower Upper

95 100

174 90.7 0.0 219.4

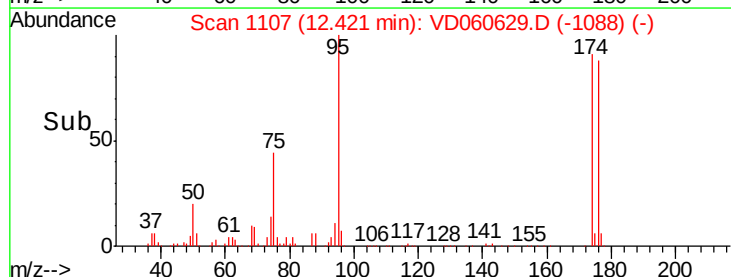
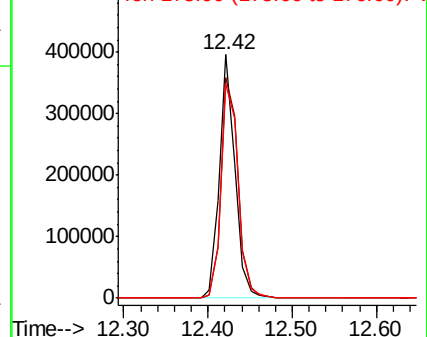
176 87.8 0.0 214.6

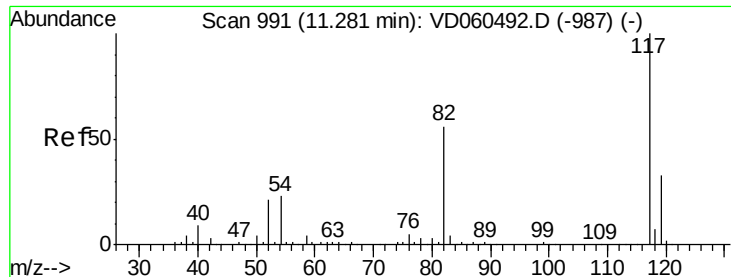


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

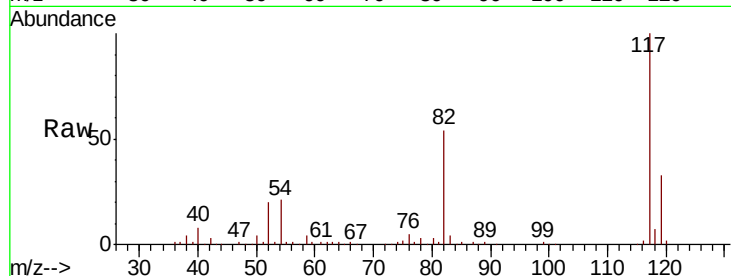




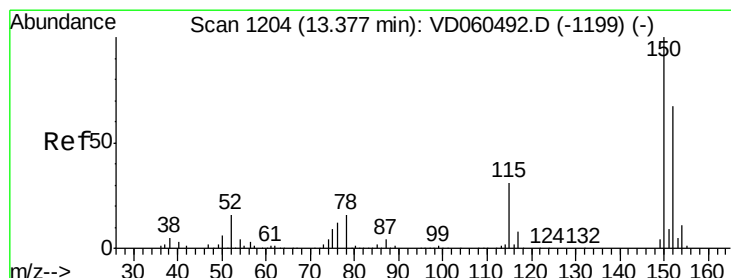
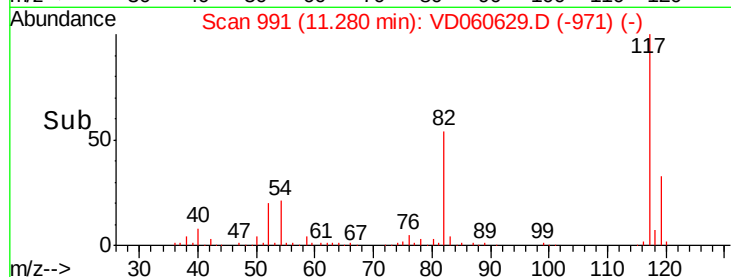
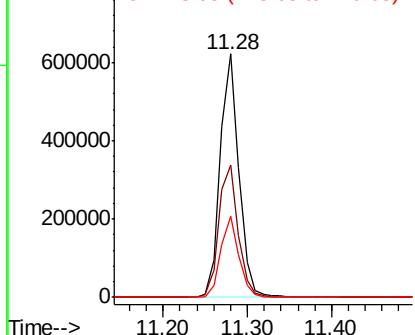
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

Instrument :
MSVOA_D
ClientSampleId :
EB05_1.5-3.5RE

Tot Ion:117 Resp: 956136
Ion Ratio Lower Upper
117 100
82 54.4 45.2 67.8
119 33.2 26.1 39.1

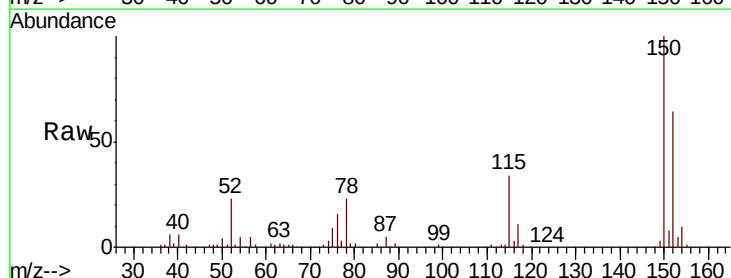


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

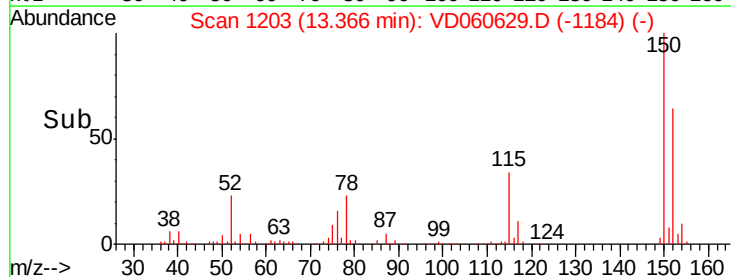
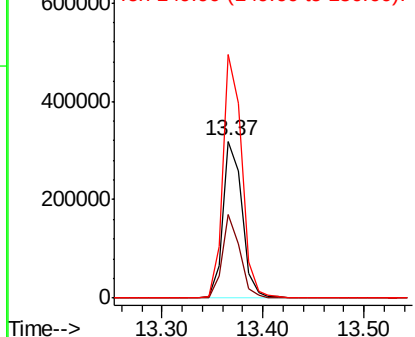


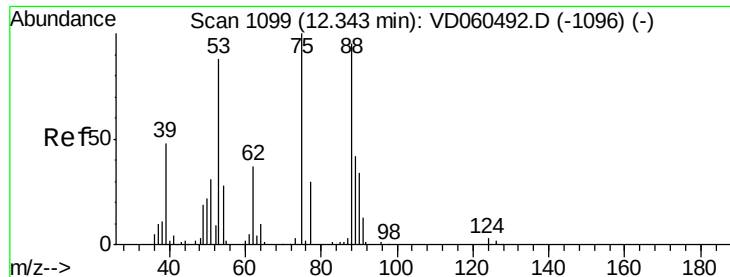
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060629.D
Acq: 18 Dec 2018 18:59

Tgt Ion:152 Resp: 422086
Ion Ratio Lower Upper
152 100
115 53.2 24.6 74.0
150 155.4 0.0 309.0



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: 167.874 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.08 min

Lab File: VD060629.D

Acq: 18 Dec 2018 18:59

Instrument :

MSVOA_D

ClientSampleId :

EB05_1.5-3.5RE

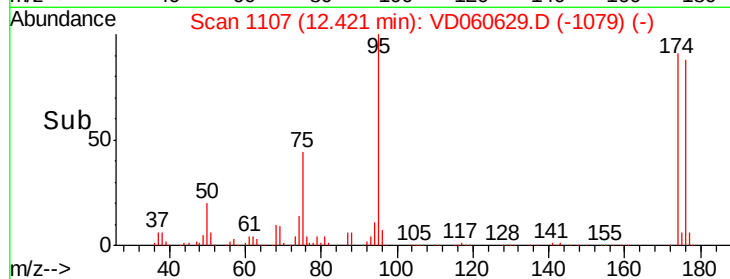
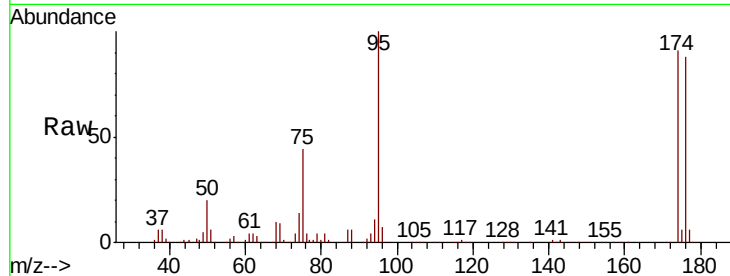
Tot Ion: 75 Resp: 223920

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#



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

