

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
 Data File : VD060313.D
 Acq On : 9 Nov 2018 15:41
 Operator : VA/AP
 Sample : J5269-09
 Misc : 6.74g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

Quant Time: Nov 12 01:35:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1397553	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.45	114	1963016	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1598085	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	837029	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	536208	53.58	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	107.16%	
35) Dibromofluoromethane	6.32	113	723186	49.41	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.82%	
50) Toluene-d8	9.45	98	2034478	47.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.43	95	757337	48.79	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.58%	

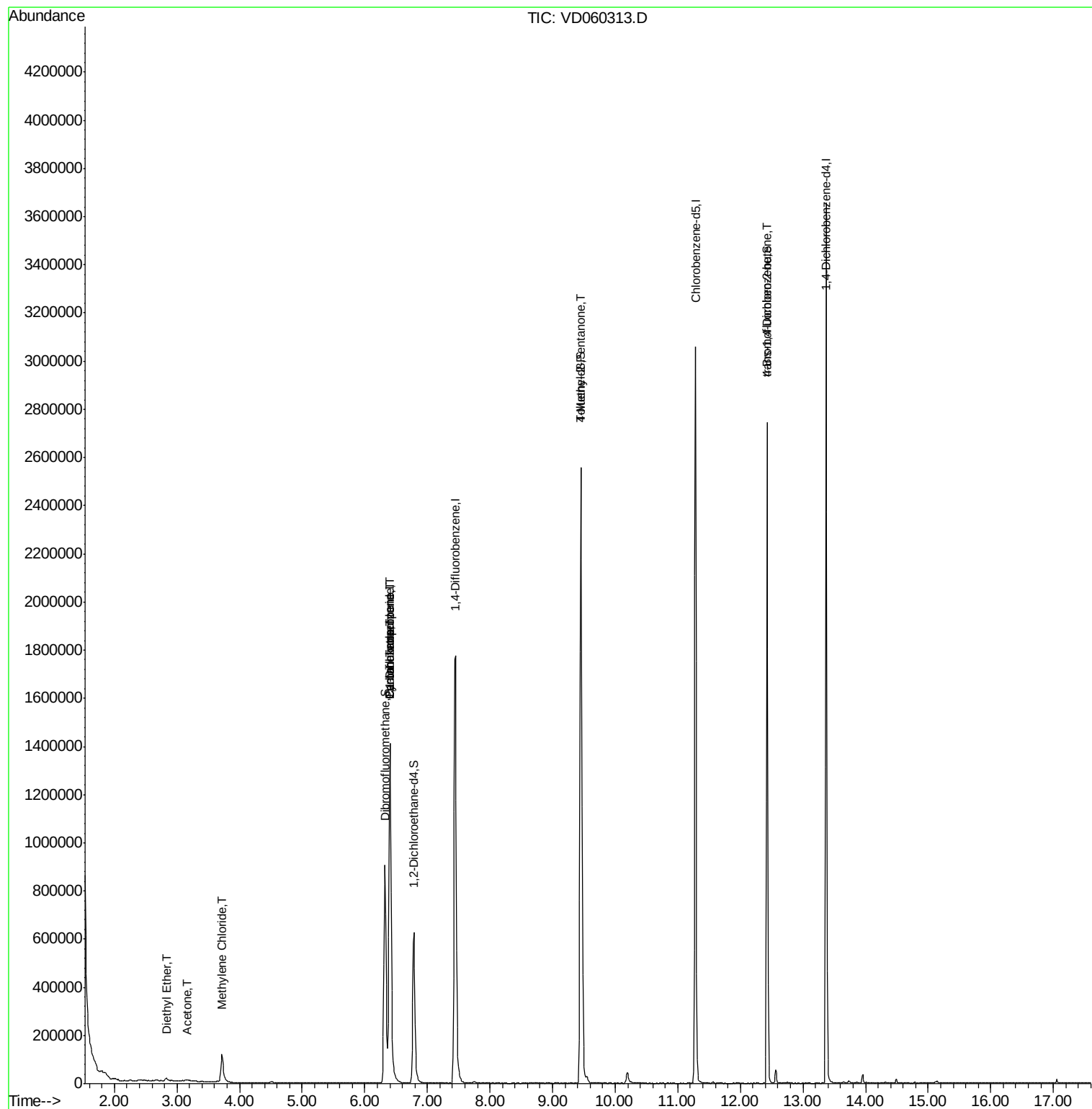
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	714	Below Cal	#	41
8) Diethyl Ether	2.82	74	4004	1.735	ug/l	83
16) Acetone	3.17	43	9937	5.725	ug/l #	90
20) Methylene Chloride	3.72	84	72234	4.691	ug/l	97
31) Cyclohexane	6.40	56	25228	1.056	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	94622	4.879	ug/l #	47
38) Carbon Tetrachloride	6.40	117	107193	5.958	ug/l #	16
51) 4-Methyl-2-Pentanone	9.45	43	12152	1.666	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.43	75	308648	108.274	ug/l #	15
89) n-Butylbenzene	13.65	91	1568	Below Cal		95

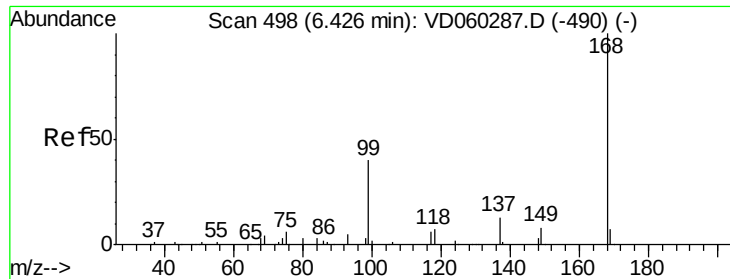
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD110918\
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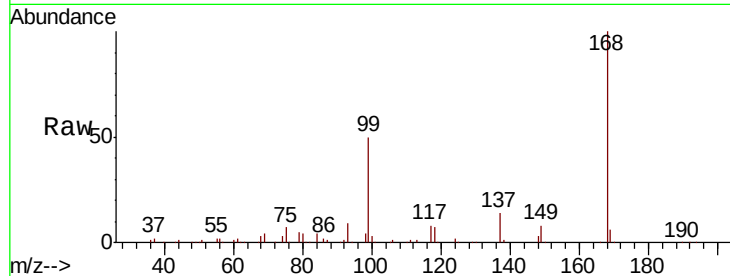


#1

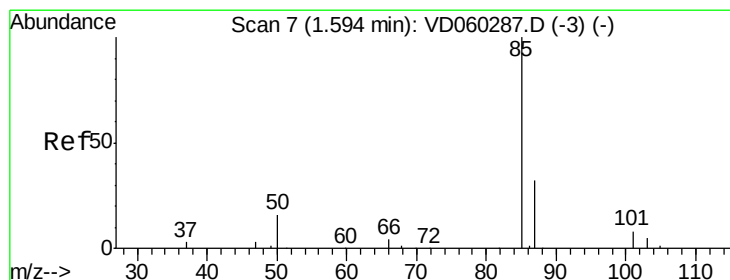
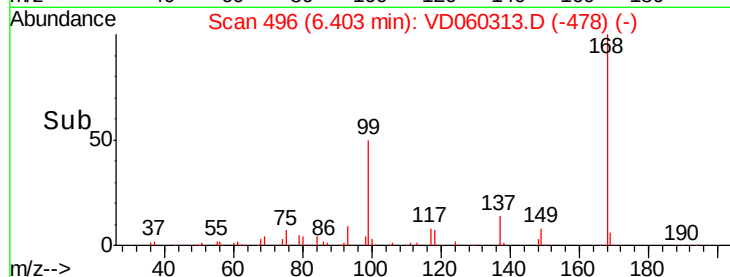
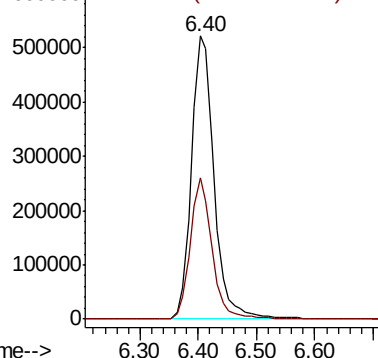
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

Tgt Ion:168 Resp: 1397553
 Ion Ratio Lower Upper
 168 100
 99 49.8 39.8 59.8



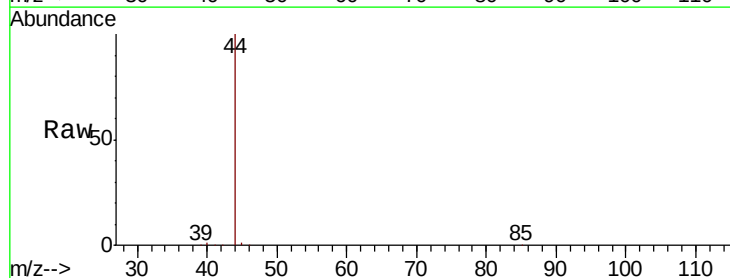
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



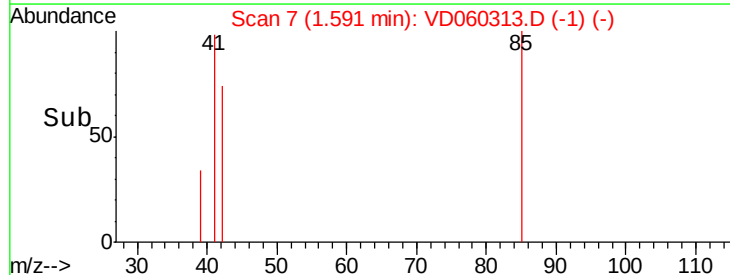
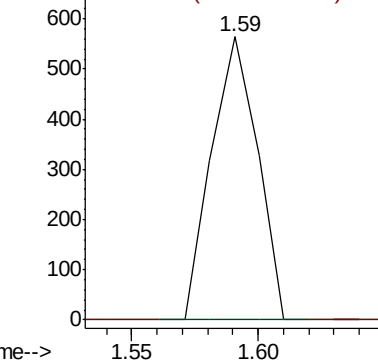
#2

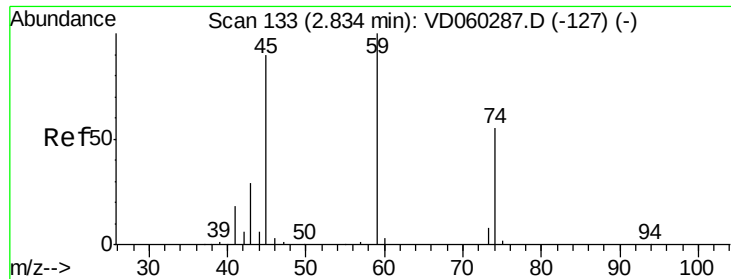
Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.59 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Tgt Ion: 85 Resp: 714
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC
 Ion 86.90 (86.60 to 87.60): VDC





#8

Diethyl Ether

Concen: 1.735 ug/l

RT: 2.82 min Scan# 132

Delta R.T. -0.01 min

Lab File: VD060313.D

Acq: 9 Nov 2018 15:41

Instrument :

MSVOA_D

ClientSampleId :

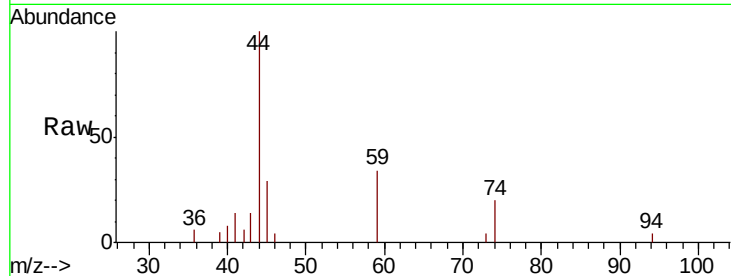
SB-12-D

Tgt Ion: 74 Resp: 4004

Ion Ratio Lower Upper

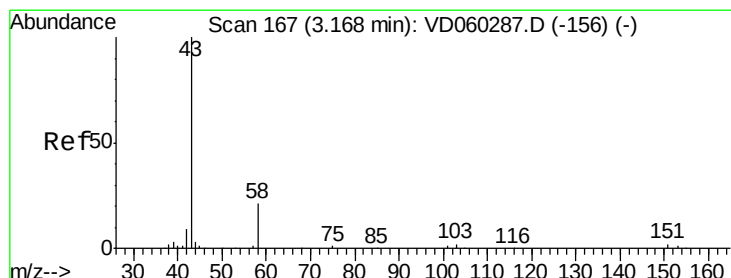
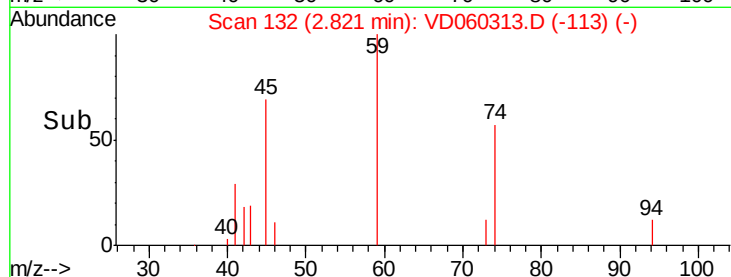
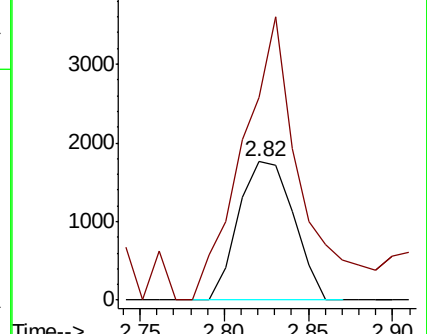
74 100

45 146.8 84.8 254.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#16

Acetone

Concen: 5.725 ug/l

RT: 3.17 min Scan# 167

Delta R.T. -0.00 min

Lab File: VD060313.D

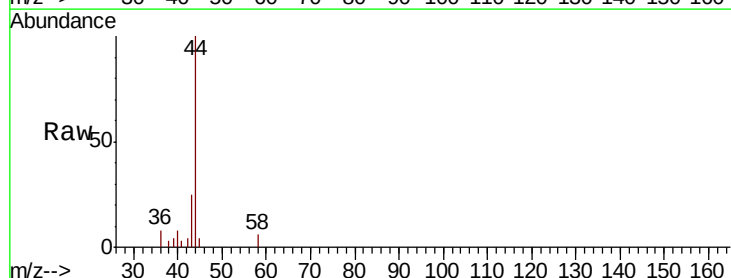
Acq: 9 Nov 2018 15:41

Tgt Ion: 43 Resp: 9937

Ion Ratio Lower Upper

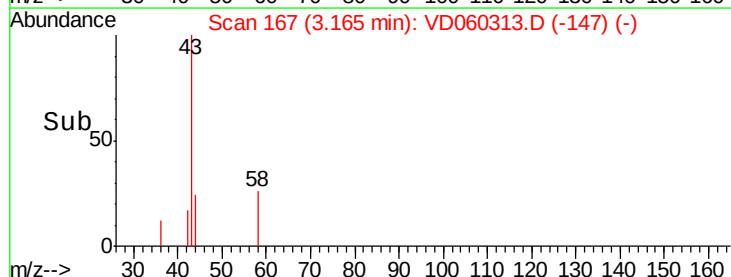
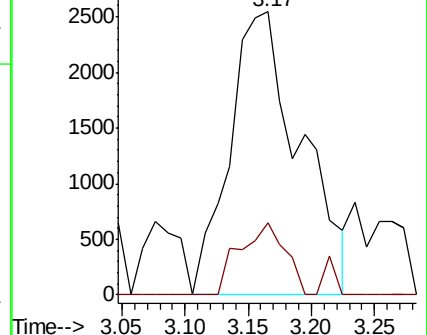
43 100

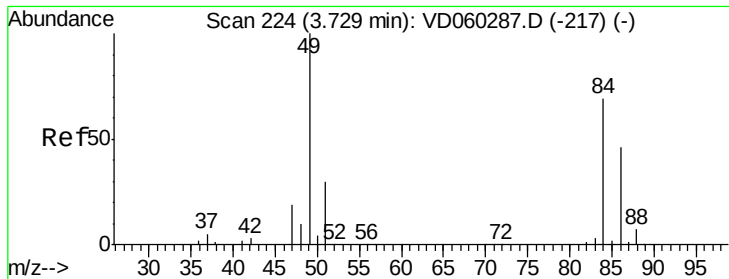
58 25.7 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

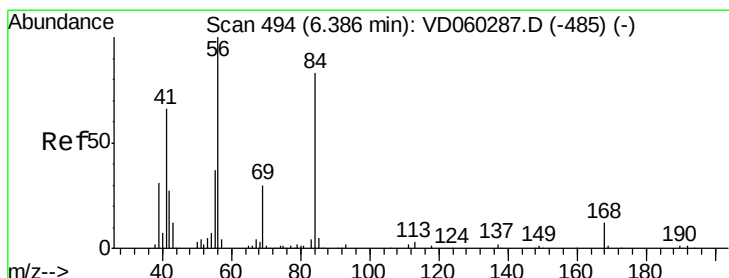
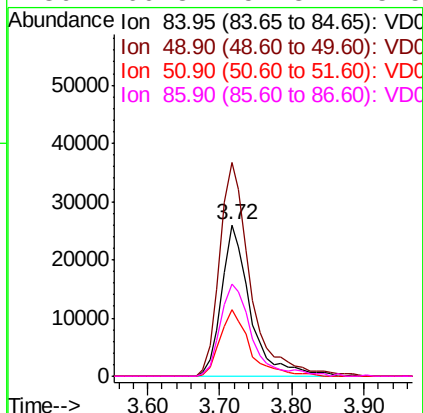
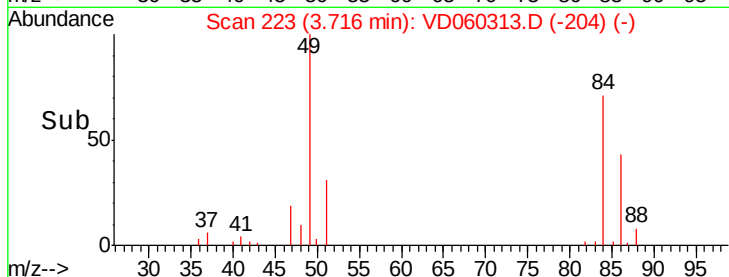
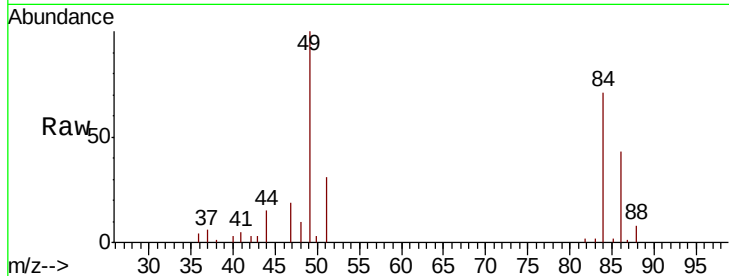




#20
Methylene Chloride
Concen: 4.691 ug/l
RT: 3.72 min Scan# 223
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

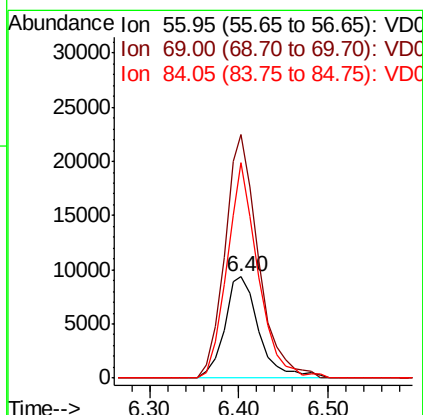
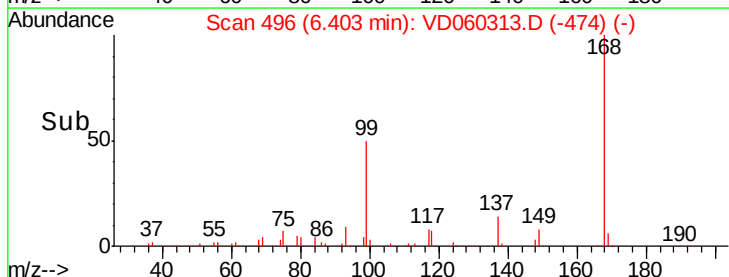
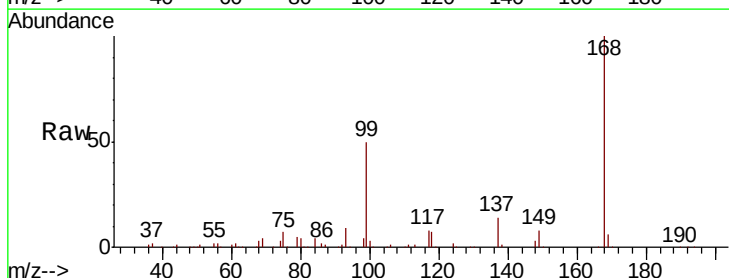
Instrument :
MSVOA_D
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SB-12-D

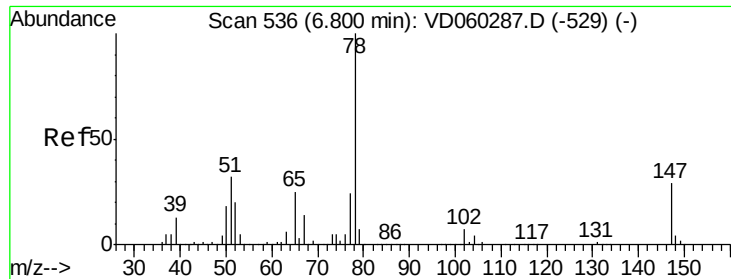
Tgt Ion:	84	Resp:	72234
Ion	Ratio	Lower	Upper
84	100		
49	140.9	115.6	173.4
51	44.3	35.6	53.4
86	60.8	52.3	78.5



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Tgt Ion:	56	Resp:	25228
Ion	Ratio	Lower	Upper
56	100		
69	240.2	22.2	33.2#
84	212.2	63.0	94.4#

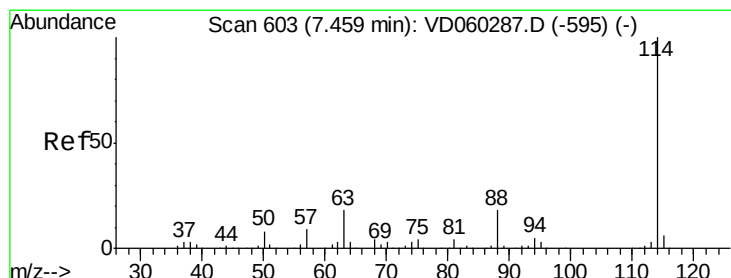
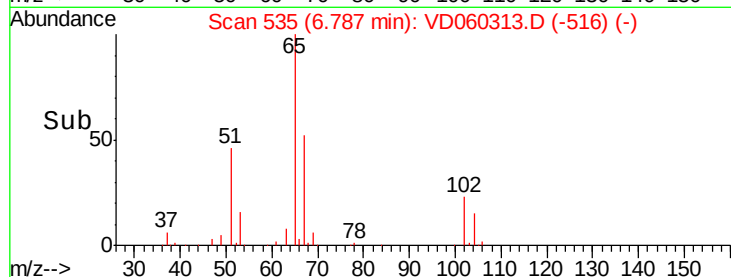
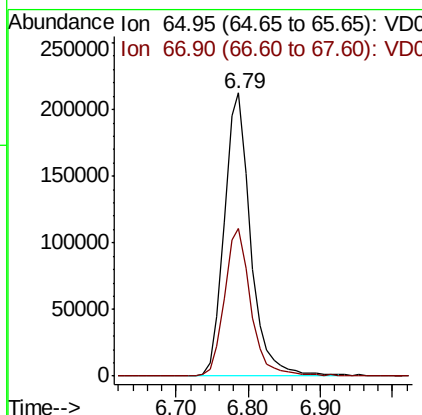
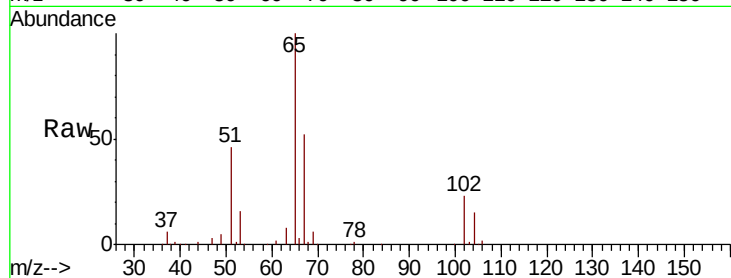




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

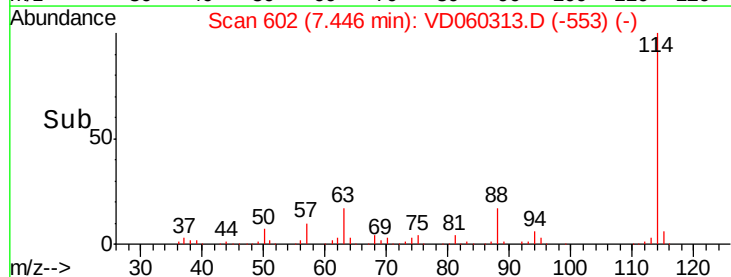
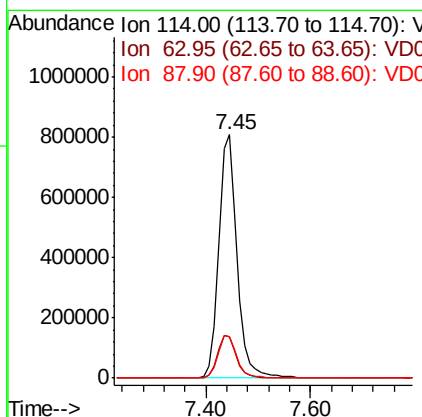
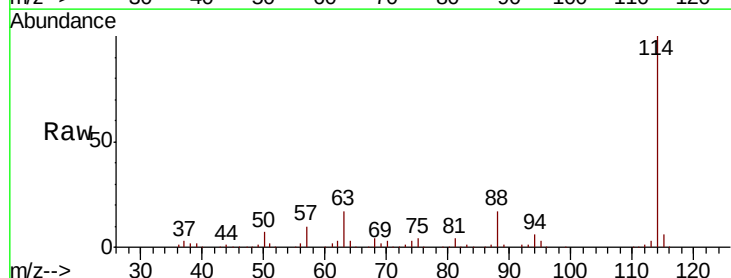
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-D

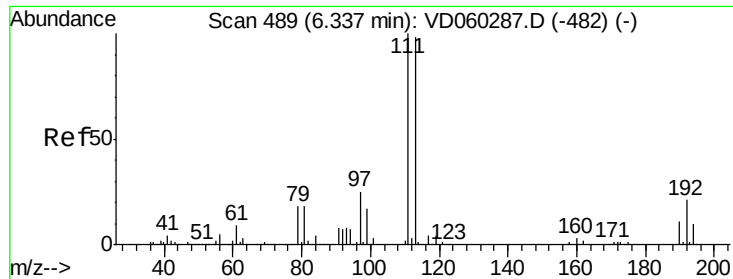
Tgt Ion: 65 Resp: 536208
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060313.D
 Acq: 9 Nov 2018 15:41

Tgt Ion: 114 Resp: 1963016
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.0
 88 17.2 0.0 35.4

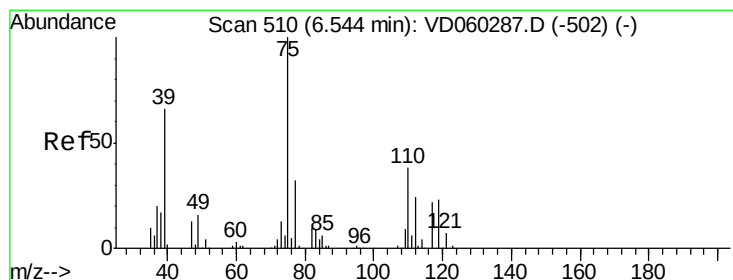
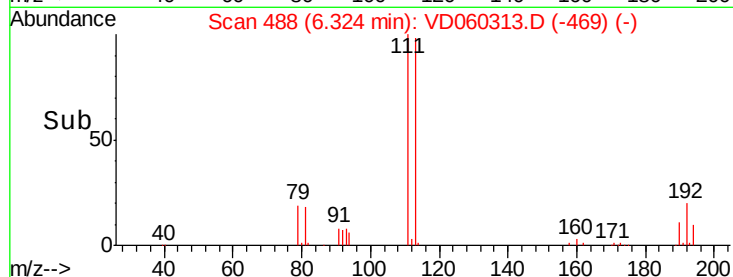
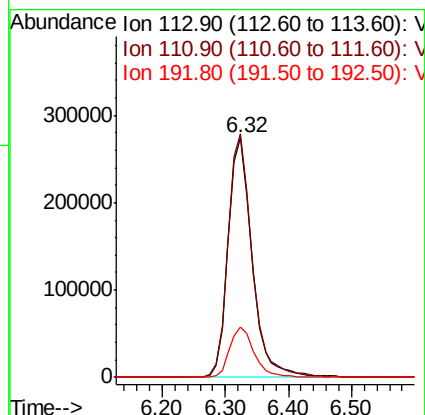
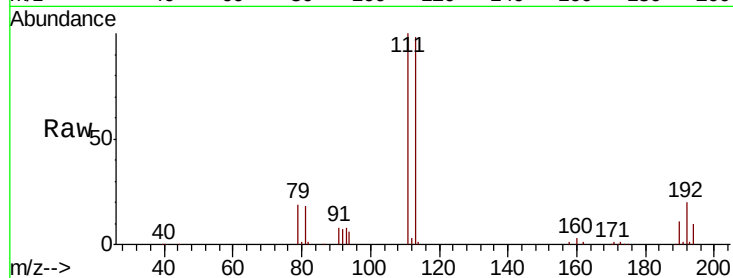




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.32 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

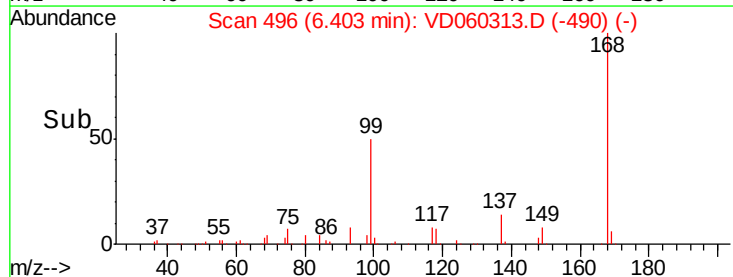
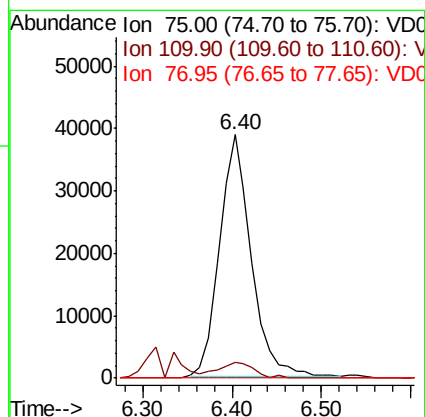
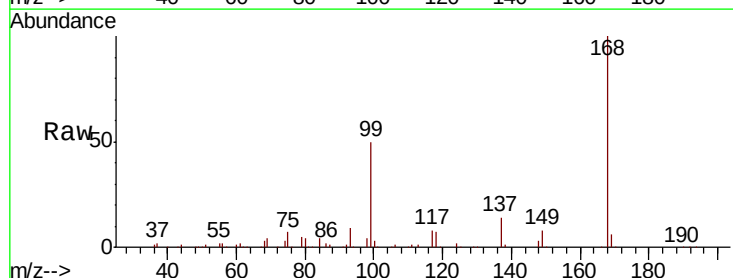
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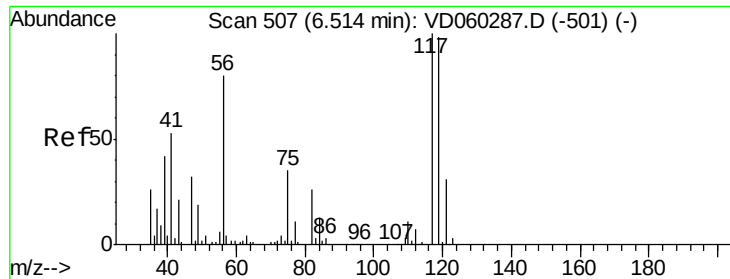
Tgt Ion: 113 Resp: 723186
Ion Ratio Lower Upper
113 100
111 101.6 81.6 122.4
192 20.8 16.5 24.7



#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.14 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Tgt Ion: 75 Resp: 94622
Ion Ratio Lower Upper
75 100
110 6.7 18.0 54.0#
77 0.0 25.6 38.4#

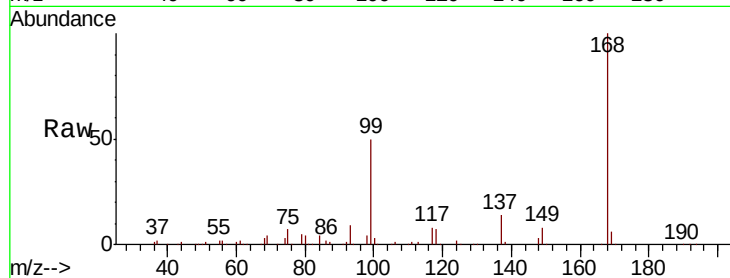




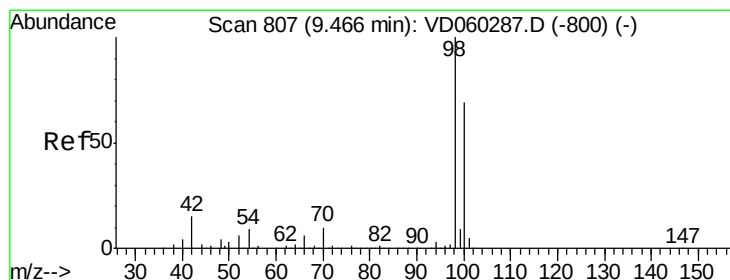
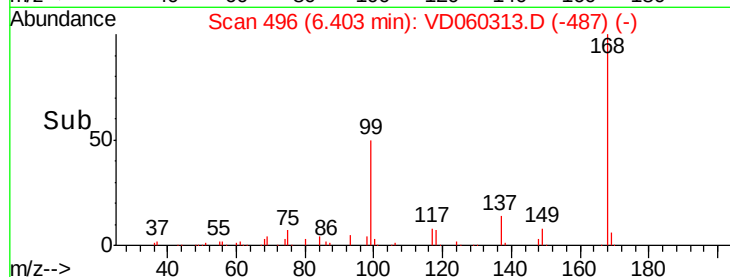
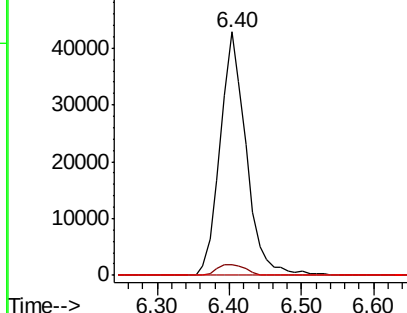
#38
Carbon Tetrachloride
Concen: 5.958 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.11 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Instrument :
MSVOA_D
ClientSampleId :
SB-12-D

Tgt Ion:117 Resp: 107193
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 24.3 36.5#

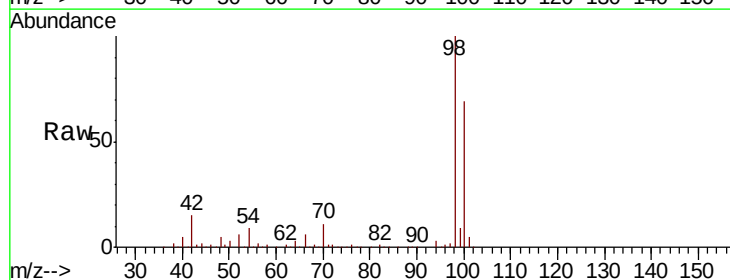


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

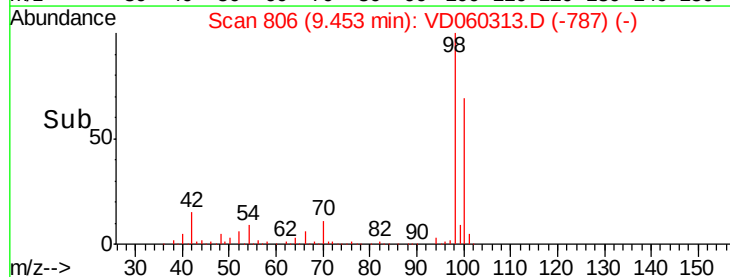
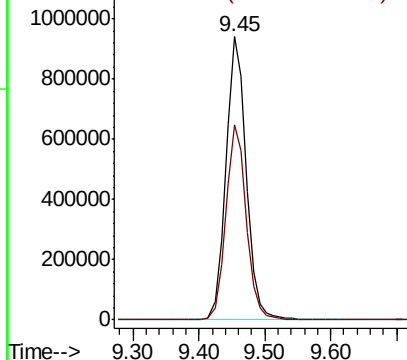


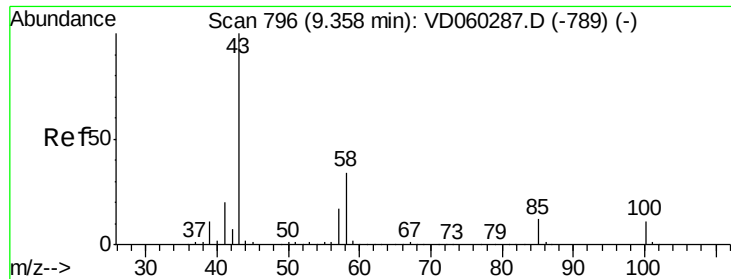
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Tgt Ion: 98 Resp: 2034478
Ion Ratio Lower Upper
98 100
100 69.0 55.2 82.8



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: 1.666 ug/l

RT: 9.45 min Scan# 806

Delta R.T. 0.10 min

Lab File: VD060313.D

Acq: 9 Nov 2018 15:41

Instrument :

MSVOA_D

ClientSampleId :

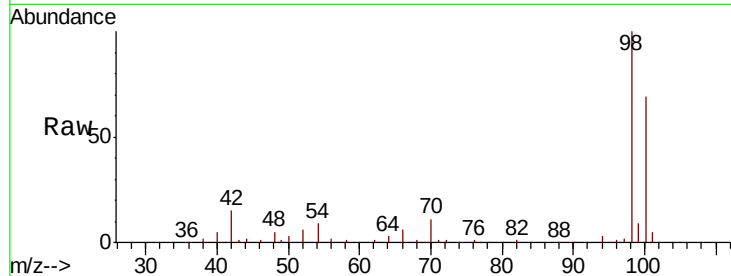
SB-12-D

Tgt Ion: 43 Resp: 12152

Ion Ratio Lower Upper

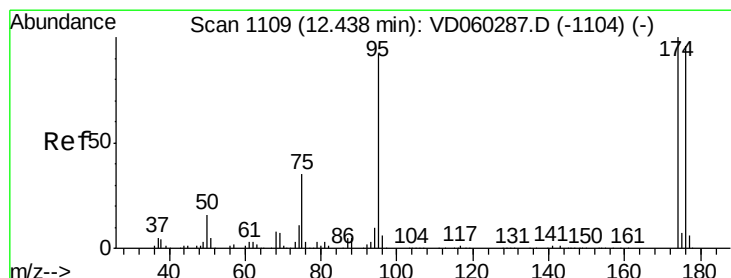
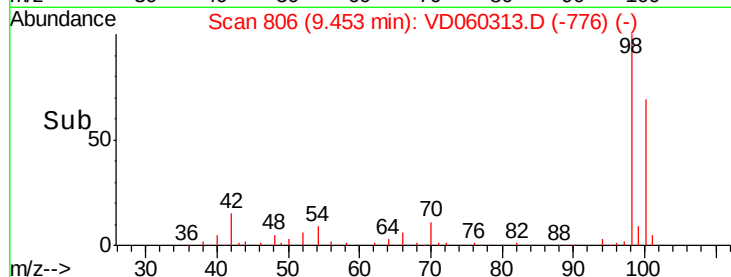
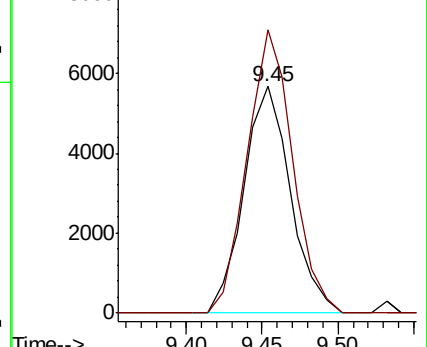
43 100

58 124.8 26.1 39.1#



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: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060313.D

Acq: 9 Nov 2018 15:41

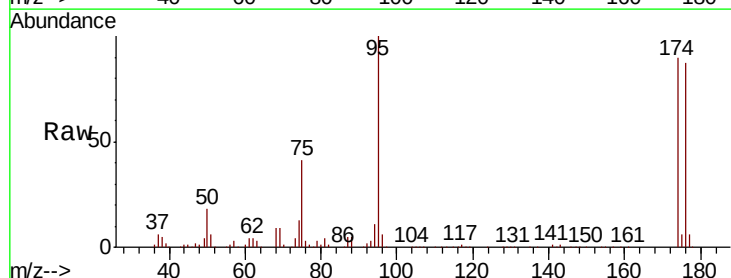
Tgt Ion: 95 Resp: 757337

Ion Ratio Lower Upper

95 100

174 89.5 0.0 160.8

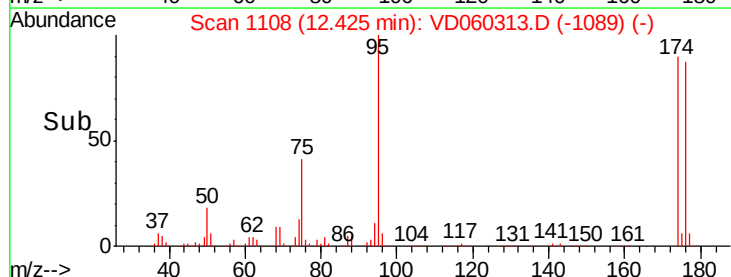
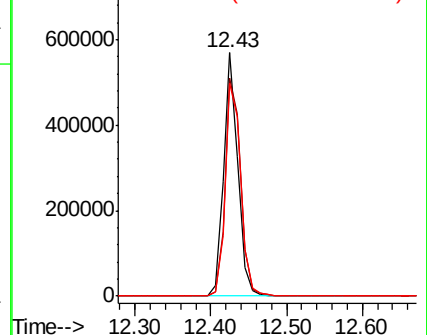
176 87.2 0.0 154.6

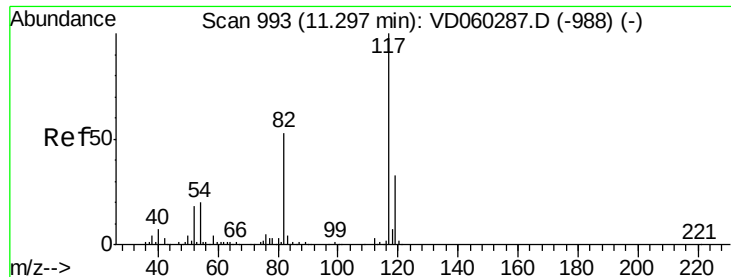


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

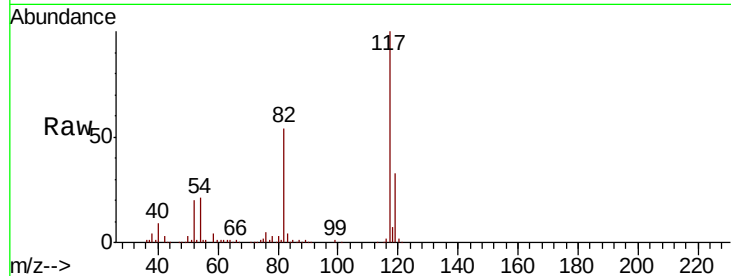




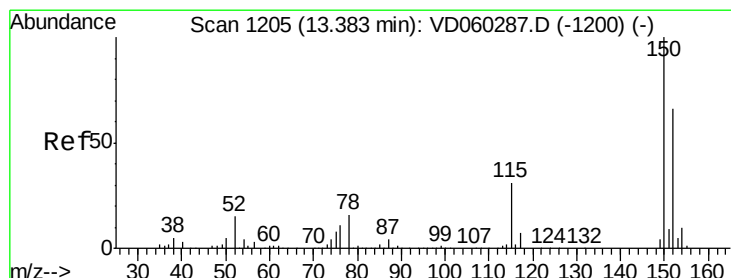
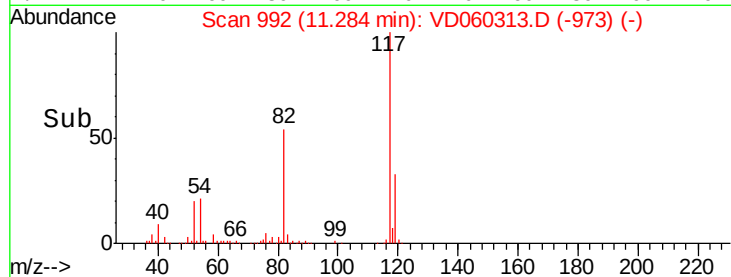
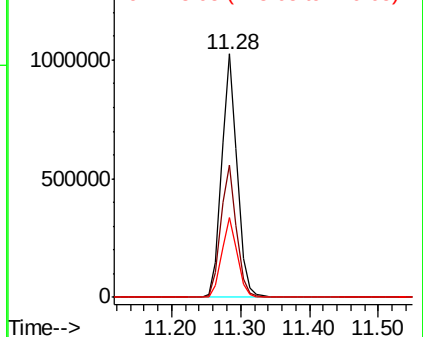
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Instrument :
MSVOA_D
ClientSampleId :
SB-12-D

Tgt Ion:117 Resp: 1598085
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.8 26.1 39.1

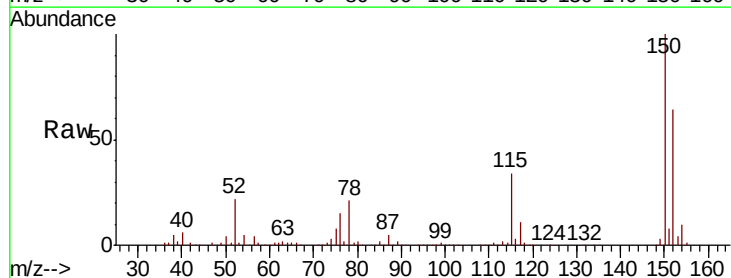


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

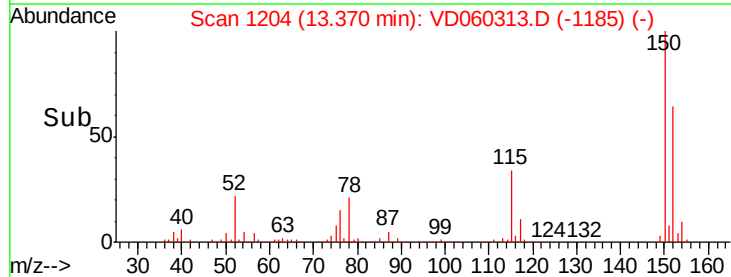
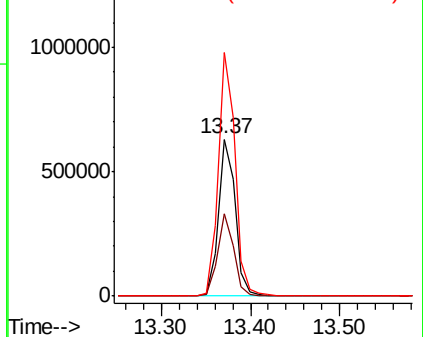


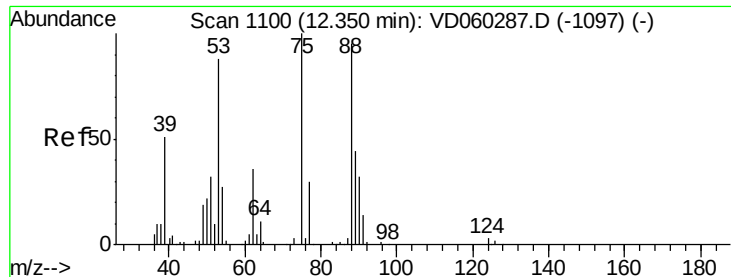
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060313.D
Acq: 9 Nov 2018 15:41

Tgt Ion:152 Resp: 837029
Ion Ratio Lower Upper
152 100
115 52.9 24.1 72.3
150 155.4 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: 108.274 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060313.D

Acq: 9 Nov 2018 15:41

Instrument :

MSVOA_D

ClientSampleId :

SB-12-D

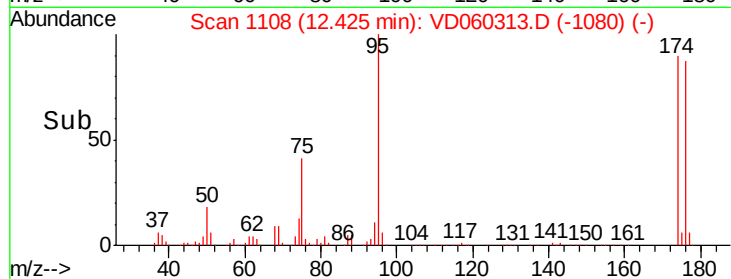
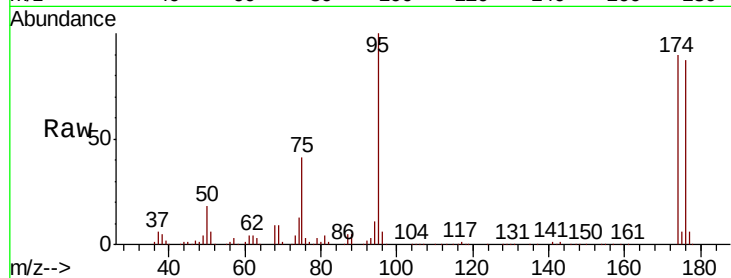
Tgt Ion: 75 Resp: 308648

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

