

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060441.D
 Acq On : 21 Nov 2018 14:36
 Operator : JC/SY
 Sample : J5967-06
 Misc : 5.09g/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(16-18)

Quant Time: Nov 22 03:33:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1623776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2263796	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1725342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	862894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	554598	47.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.40%	
35) Dibromofluoromethane	6.33	113	807179	47.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.64%	
50) Toluene-d8	9.46	98	2332528	47.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	12.43	95	819775	45.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.58%	

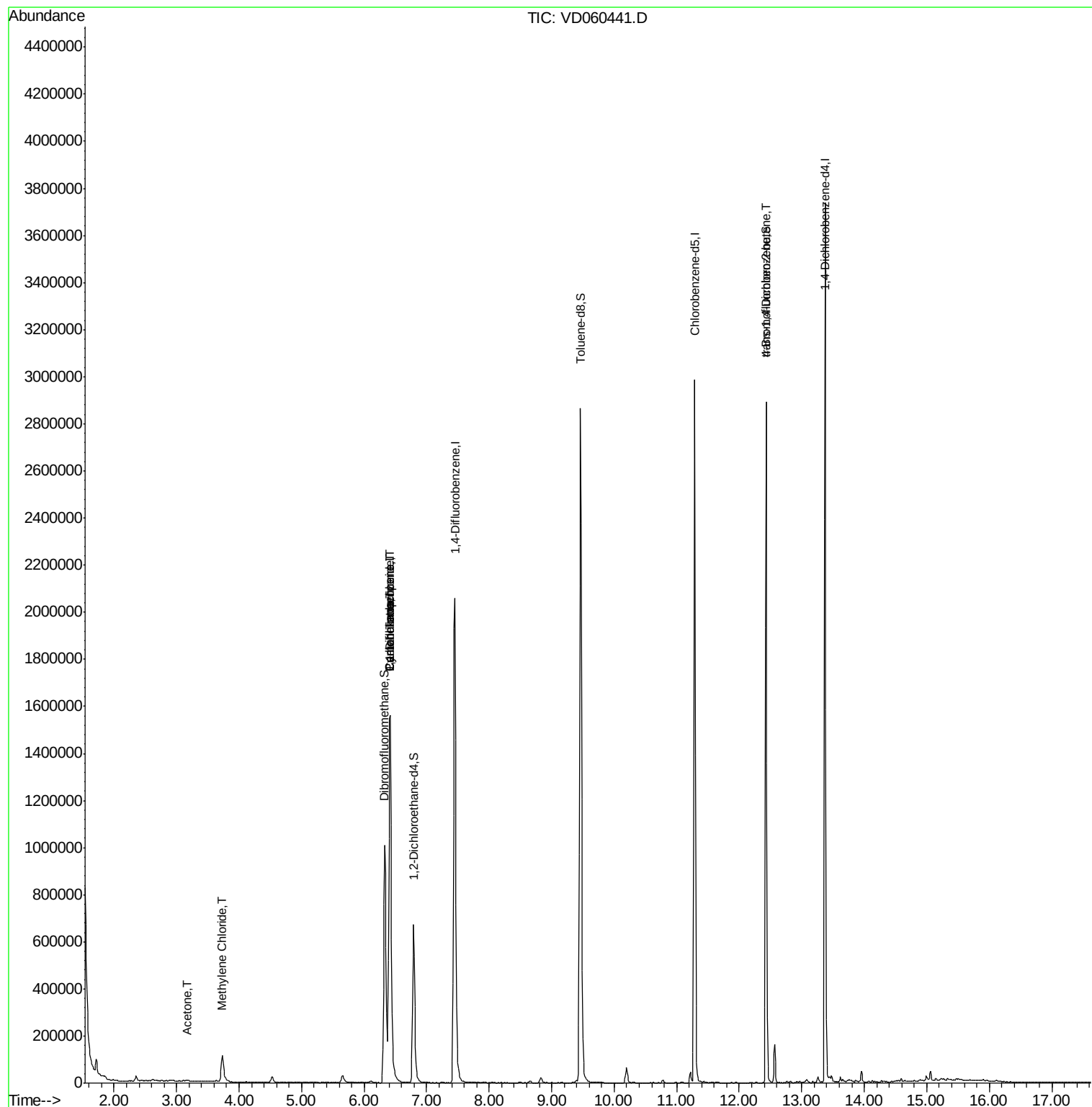
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	1494	Below Cal	#	41
16) Acetone	3.17	43	10035	4.976	ug/l	98
20) Methylene Chloride	3.73	84	74961	4.190	ug/l	95
31) Cyclohexane	6.41	56	30828	1.111	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	111493	4.985	ug/l #	47
38) Carbon Tetrachloride	6.41	117	127618	6.151	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.43	75	326305	111.036	ug/l #	15
89) n-Butylbenzene	13.65	91	581	Below Cal	#	80

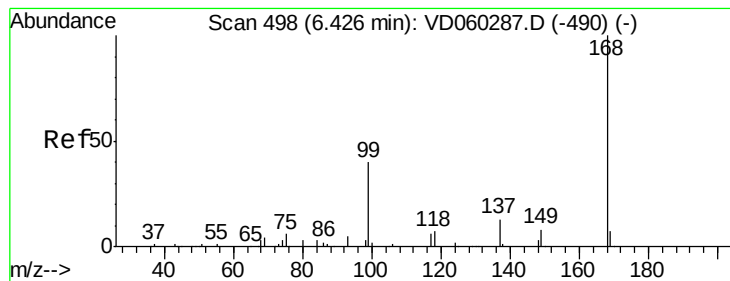
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FDSB-13(16-18)

Quant Time: Nov 22 03:33:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

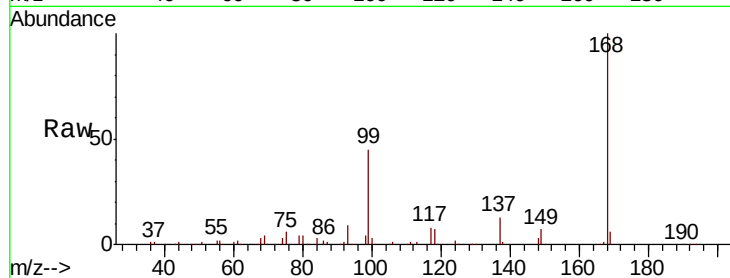
FDSB-13(16-18)

Tgt Ion:168 Resp: 1623776

Ion Ratio Lower Upper

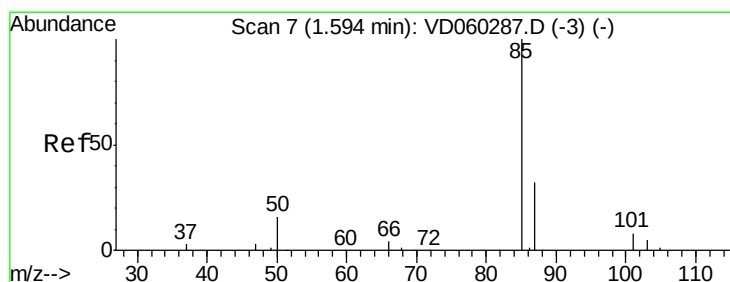
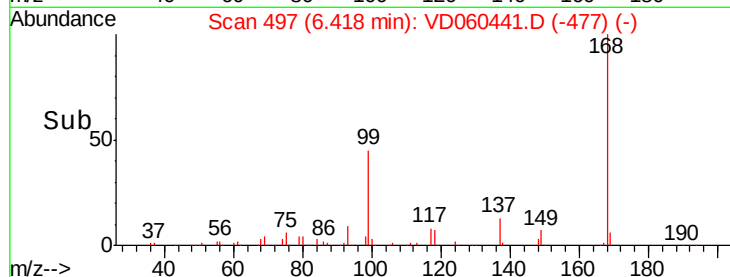
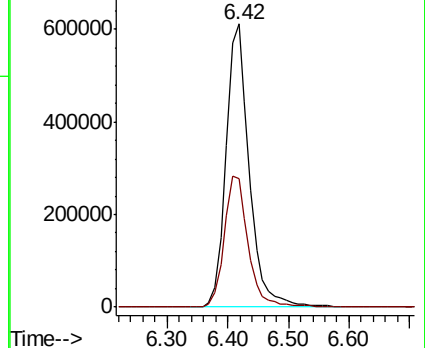
168 100

99 45.4 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: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060441.D

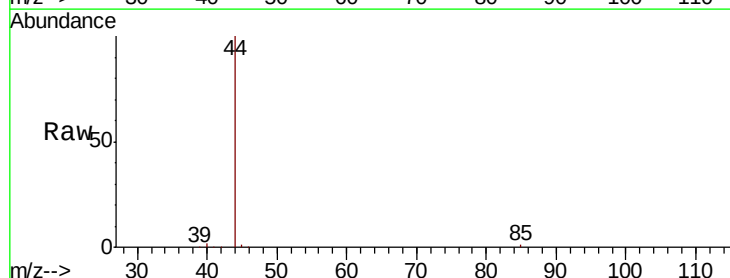
Acq: 21 Nov 2018 14:36

Tgt Ion: 85 Resp: 1494

Ion Ratio Lower Upper

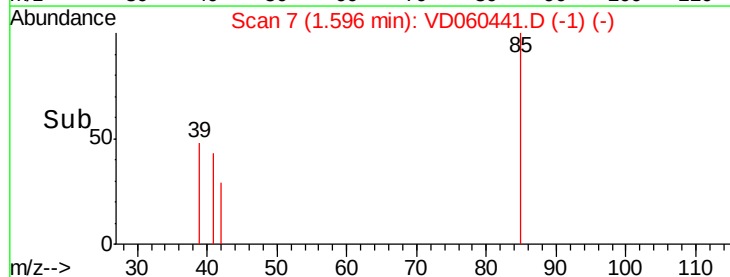
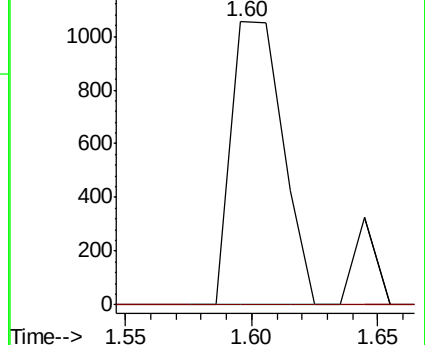
85 100

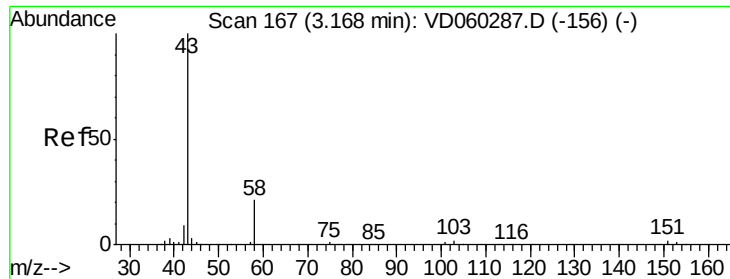
87 0.0 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 4.976 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

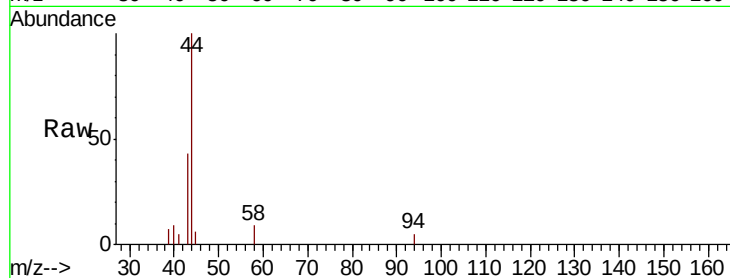
FDSB-13(16-18)

Tgt Ion: 43 Resp: 10035

Ion Ratio Lower Upper

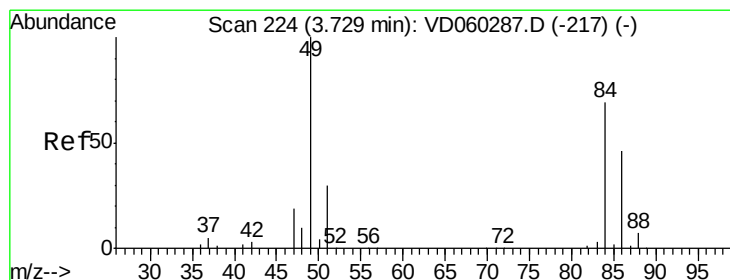
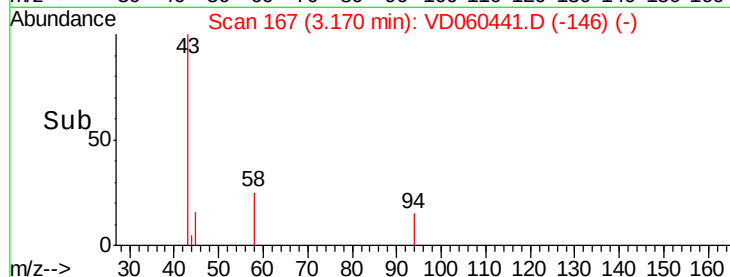
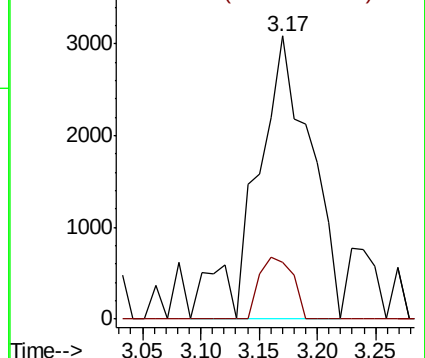
43 100

58 20.1 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: 4.190 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Tgt Ion: 84 Resp: 74961

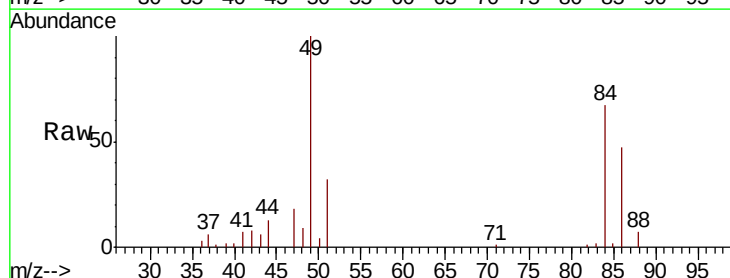
Ion Ratio Lower Upper

84 100

49 150.3 115.6 173.4

51 47.6 35.6 53.4

86 70.1 52.3 78.5

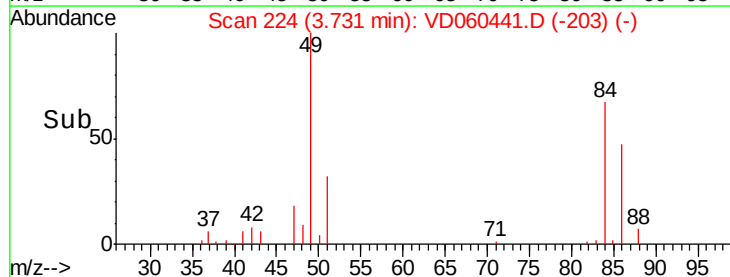
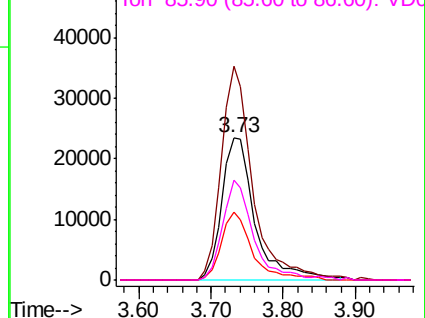


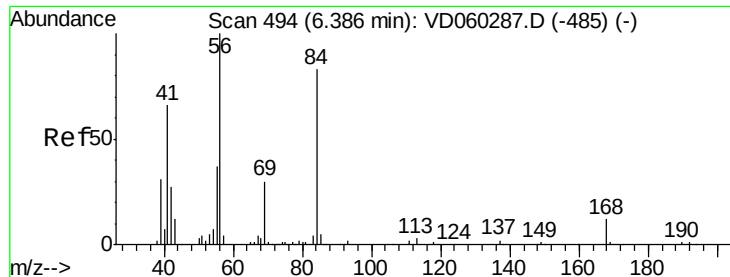
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

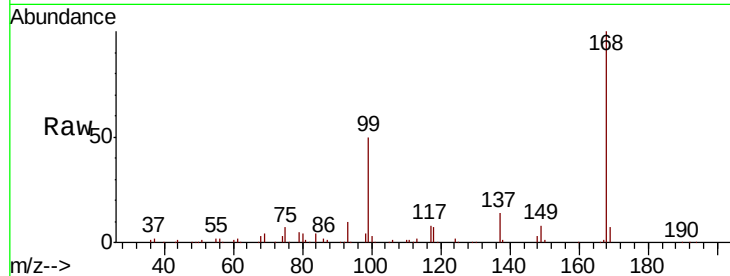




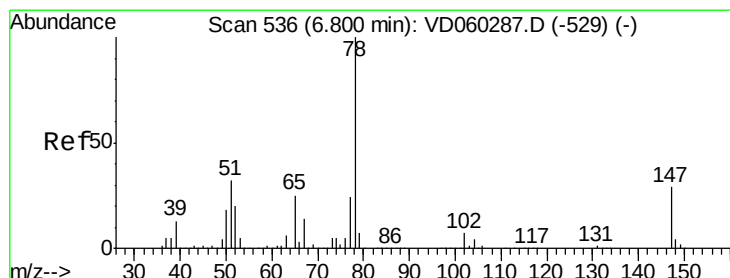
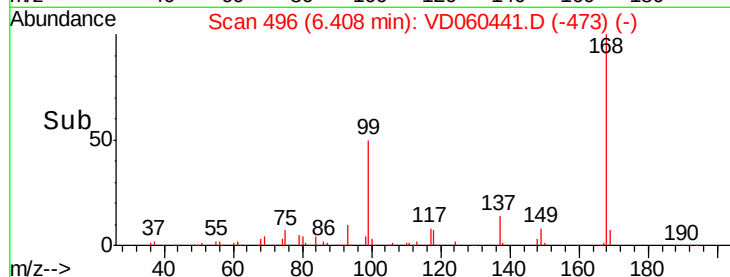
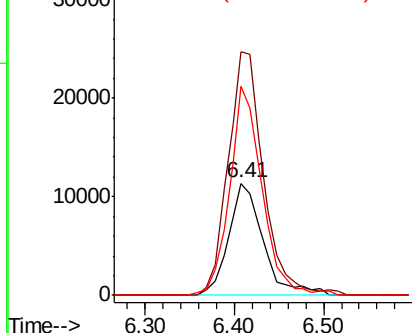
#31
Cyclohexane
Concen: 1.111 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion: 56 Resp: 30828
Ion Ratio Lower Upper
56 100
69 217.1 22.2 33.2#
84 186.8 63.0 94.4#

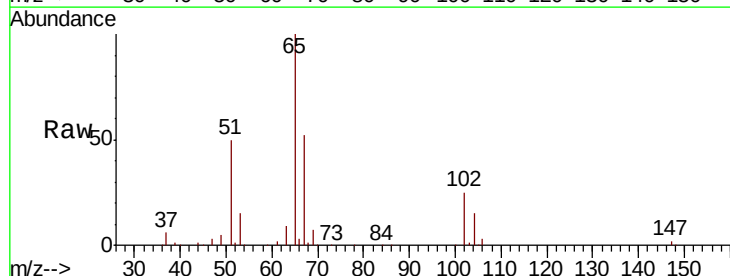


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

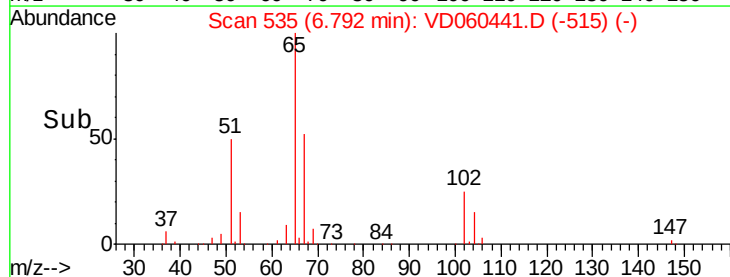
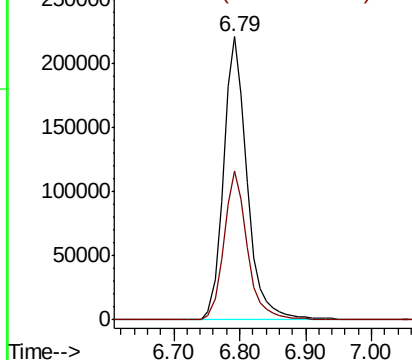


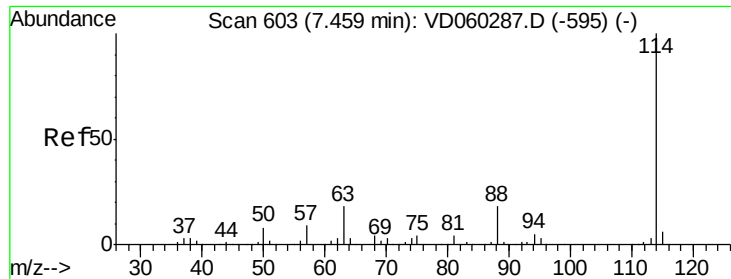
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 65 Resp: 554598
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.8



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

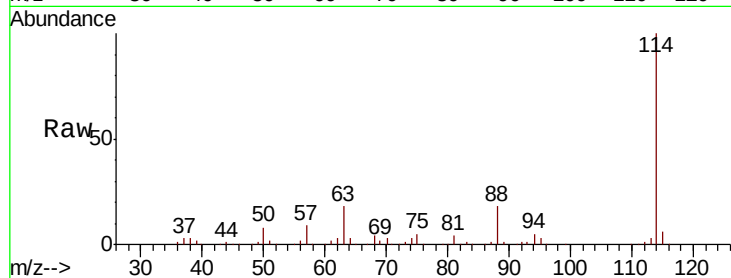




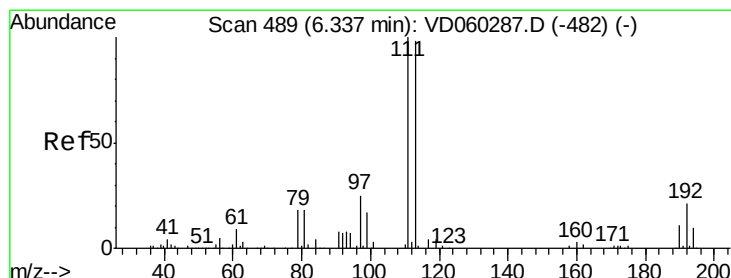
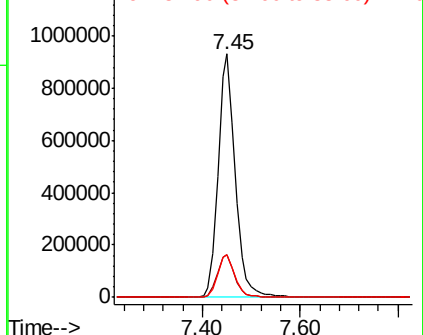
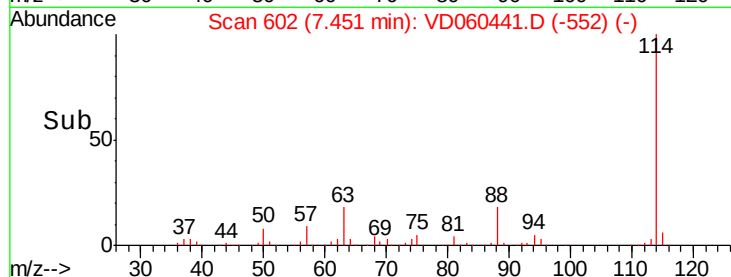
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(16-18)

Tgt Ion:114 Resp: 2263796
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 34.0
 88 17.7 0.0 35.4

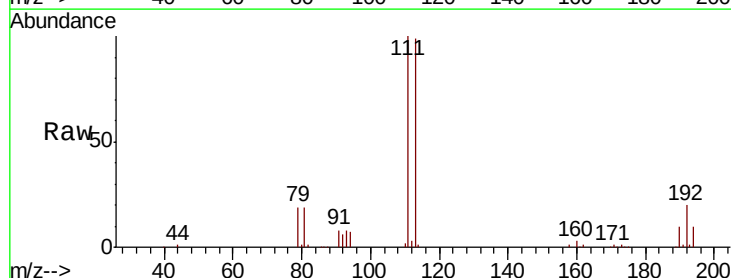


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

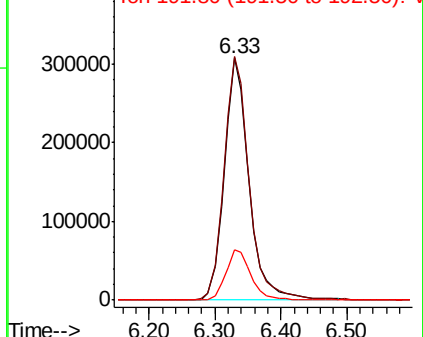
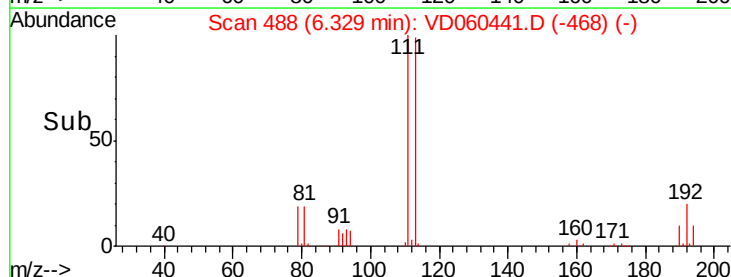


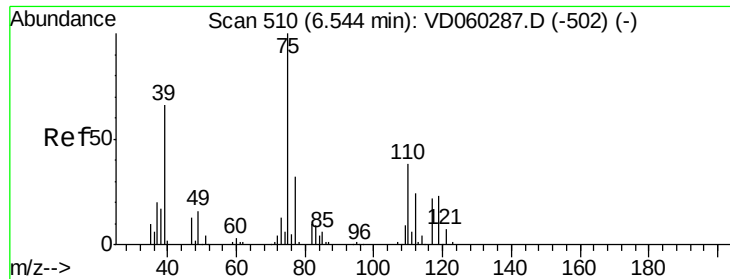
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

Tgt Ion:113 Resp: 807179
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.6 122.4
 192 20.6 16.5 24.7



Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

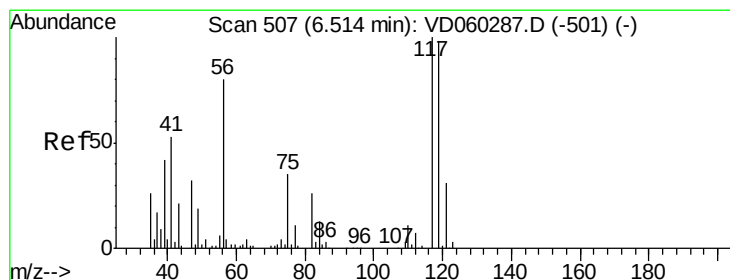
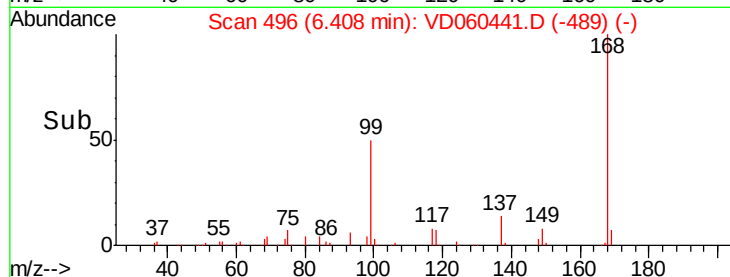
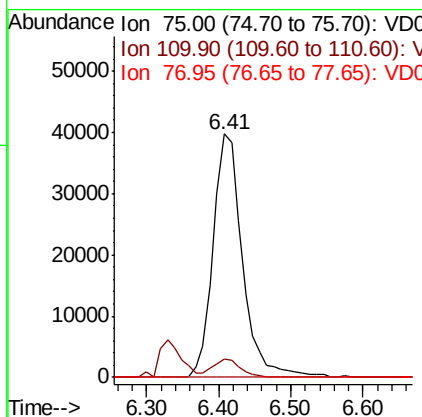
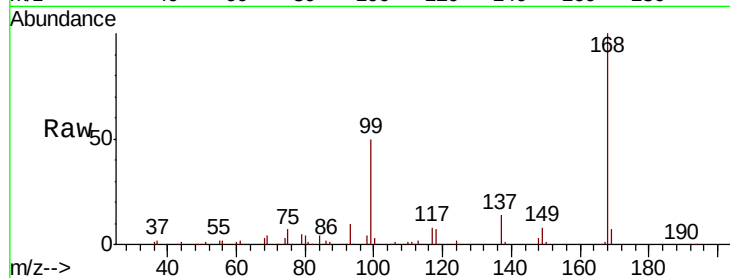




#36
 1,1-Dichloropropene
 Concen: 4.985 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.14 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

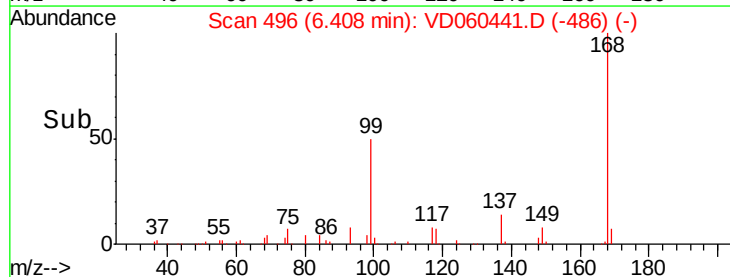
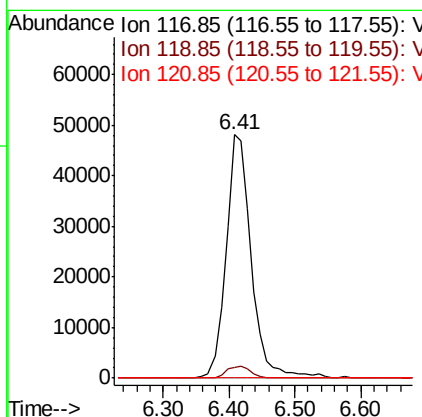
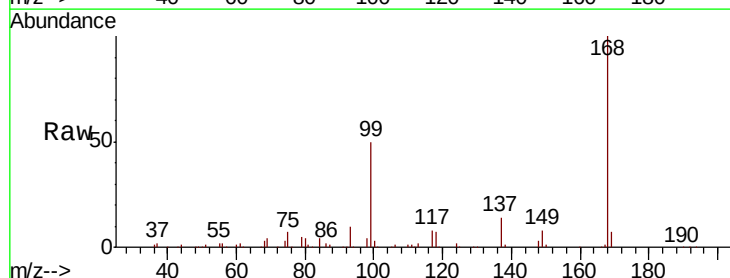
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-13(16-18)

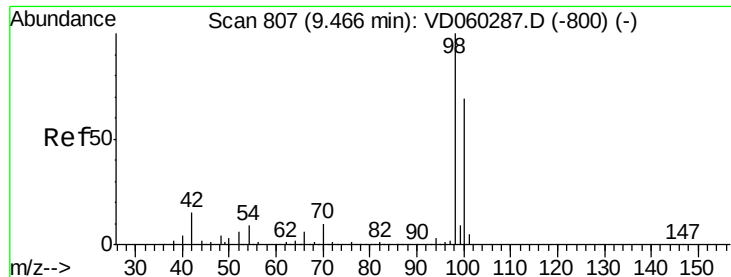
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.151 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.11 min
 Lab File: VD060441.D
 Acq: 21 Nov 2018 14:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.6	115.0#
121	0.0	24.3	36.5#

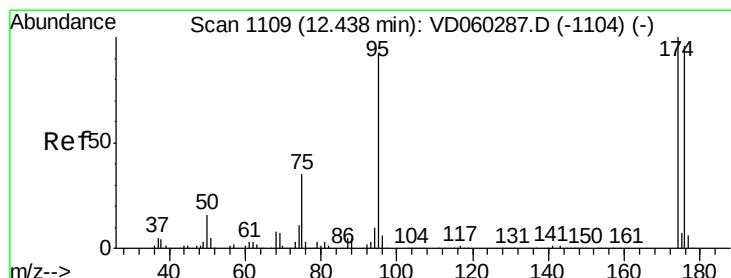
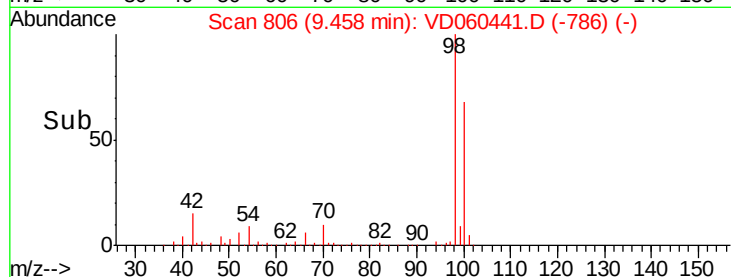
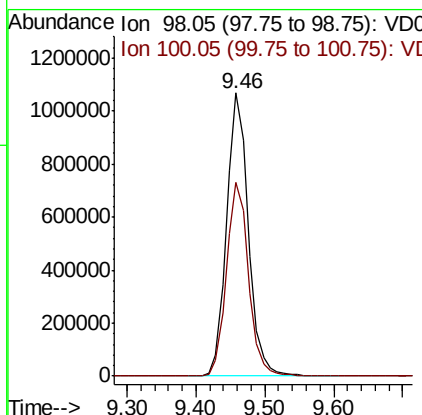
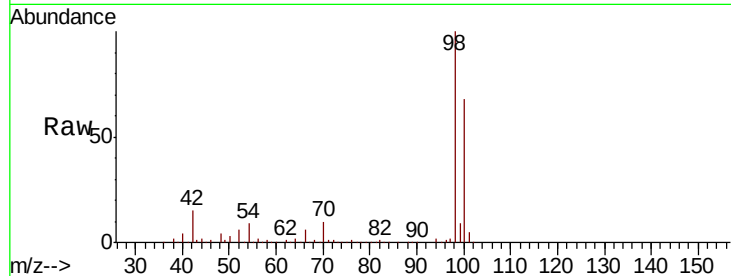




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

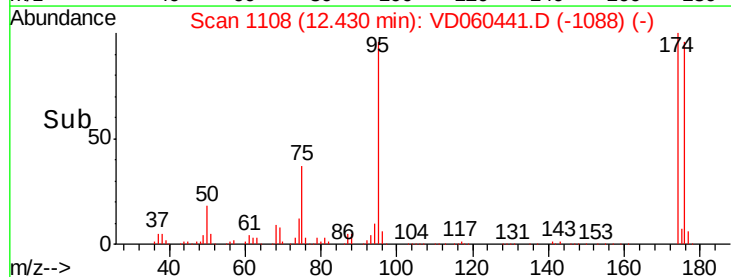
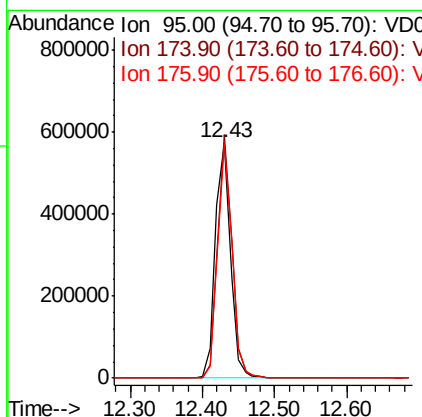
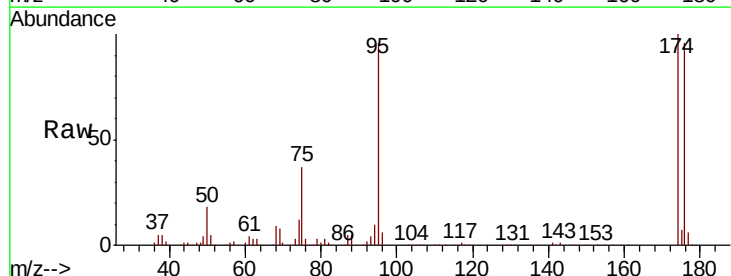
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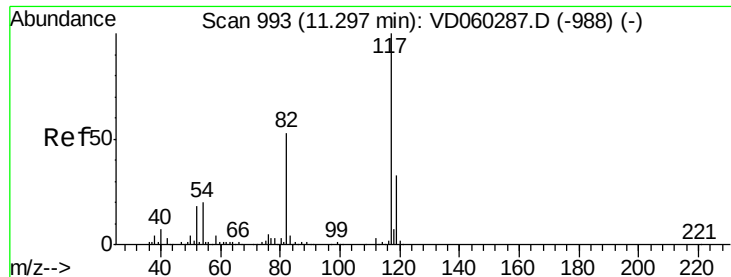
Tgt Ion: 98 Resp: 2332528
Ion Ratio Lower Upper
98 100
100 68.5 55.2 82.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion: 95 Resp: 819775
Ion Ratio Lower Upper
95 100
174 103.7 0.0 160.8
176 99.8 0.0 154.6

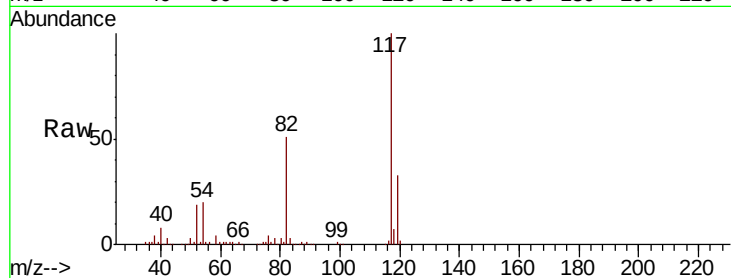




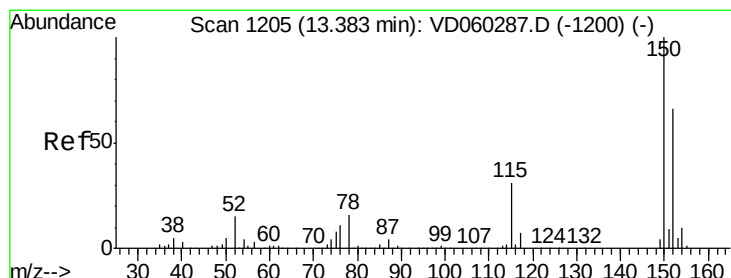
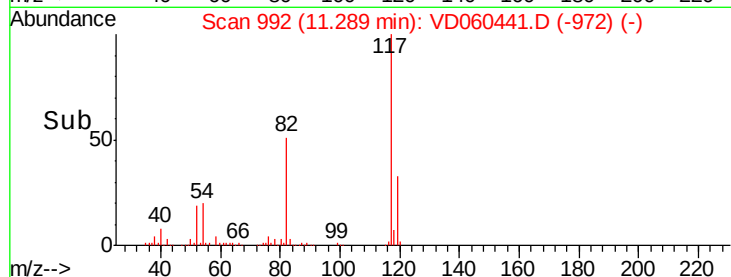
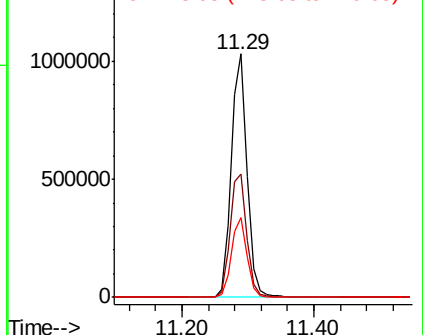
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Instrument :
MSVOA_D
ClientSampleId :
FDSB-13(16-18)

Tgt Ion:117 Resp: 1725342
Ion Ratio Lower Upper
117 100
82 50.9 43.7 65.5
119 32.7 26.1 39.1

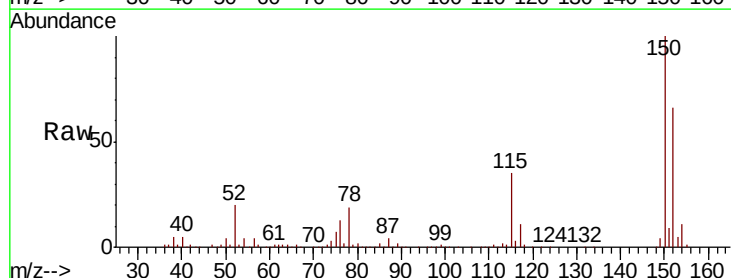


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

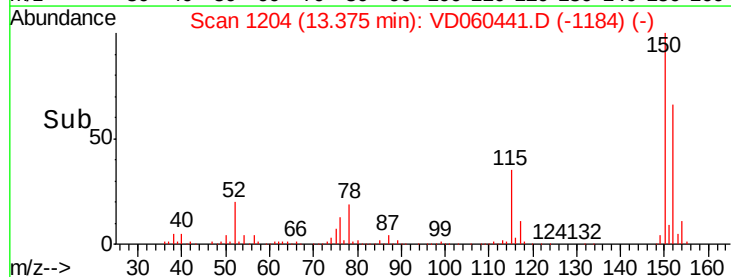
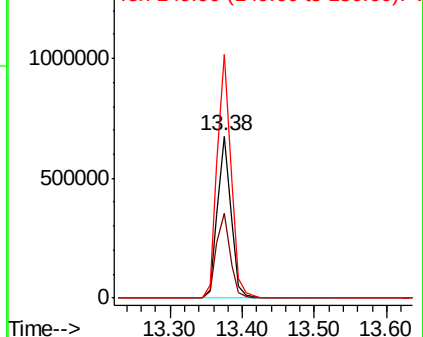


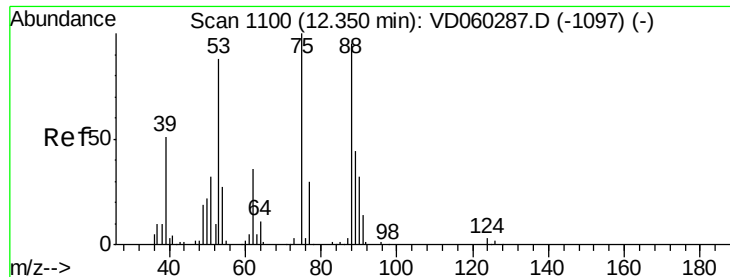
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060441.D
Acq: 21 Nov 2018 14:36

Tgt Ion:152 Resp: 862894
Ion Ratio Lower Upper
152 100
115 52.2 24.1 72.3
150 150.5 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: 111.036 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060441.D

Acq: 21 Nov 2018 14:36

Instrument :

MSVOA_D

ClientSampleId :

FDSB-13(16-18)

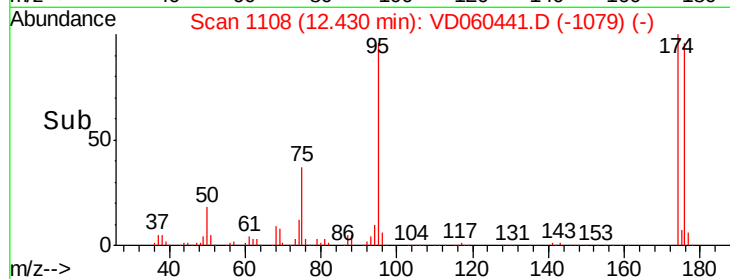
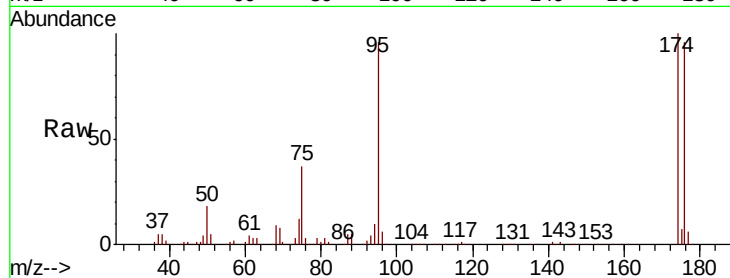
Tgt Ion: 75 Resp: 326305

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

12.43

