

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
 Data File : VD060442.D
 Acq On : 21 Nov 2018 15:05
 Operator : JC/SY
 Sample : J5967-04RE
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(16-18)

Quant Time: Nov 22 03:33:39 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	6.41	168	1540861	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	2161606	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1708439	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	886405	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	575801	52.19	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	104.38%	
35) Dibromofluoromethane	6.32	113	762304	47.29	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	94.58%	
50) Toluene-d8	9.46	98	2166215	45.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.44	95	799238	46.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.50%	

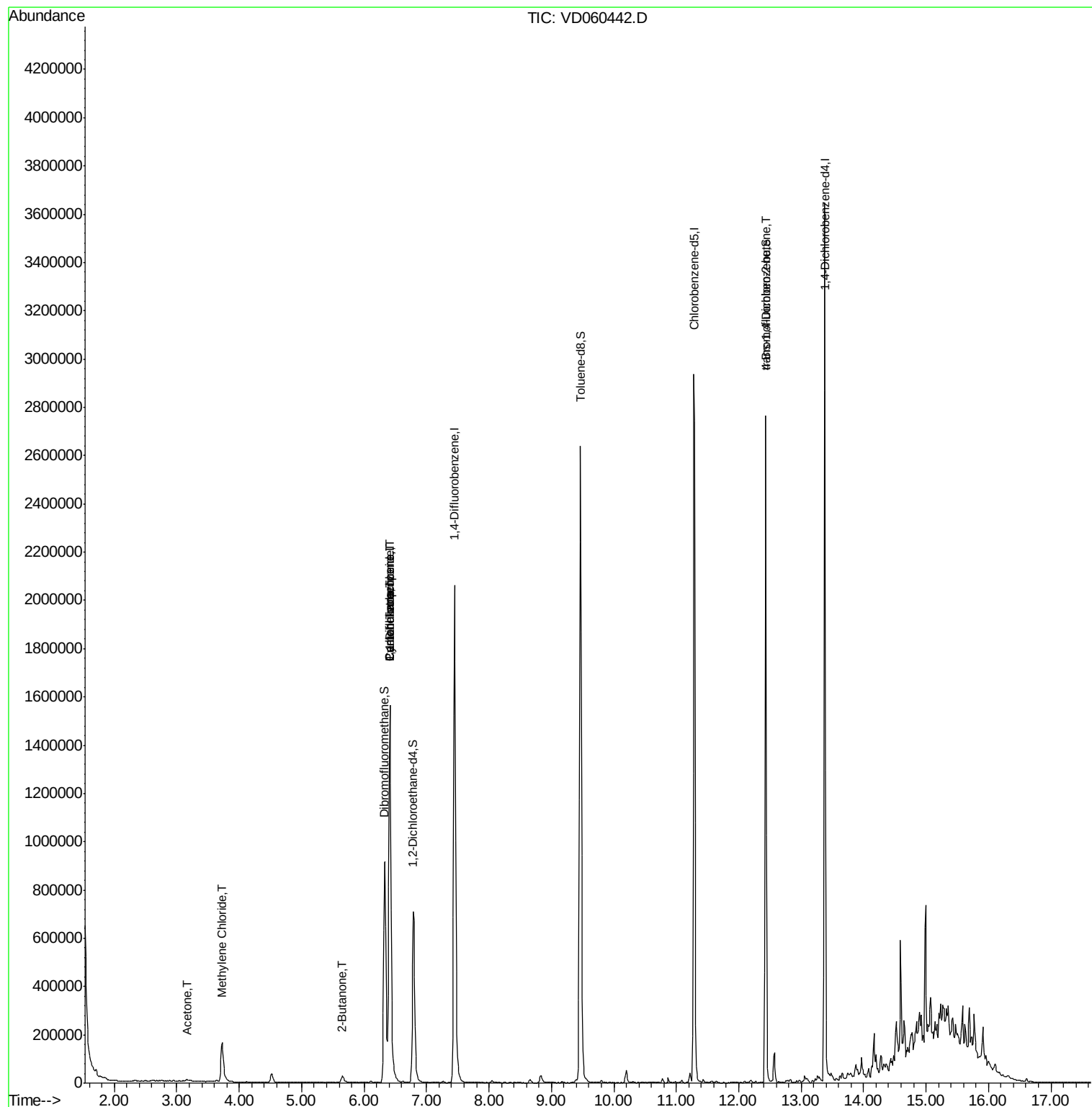
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	1508	Below Cal	#	41
16) Acetone	3.16	43	12902	6.742	ug/l	93
20) Methylene Chloride	3.73	84	108178	6.372	ug/l	98
25) 2-Butanone	5.64	43	4468	1.123	ug/l	# 60
31) Cyclohexane	6.41	56	29384	1.115	ug/l	# 1
36) 1,1-Dichloropropene	6.41	75	107329	5.026	ug/l	# 47
38) Carbon Tetrachloride	6.41	117	118048	5.959	ug/l	# 15
81) trans-1,4-Dichloro-2-buten	12.44	75	320771	106.258	ug/l	# 15
89) n-Butylbenzene	13.66	91	5677	Below Cal		89

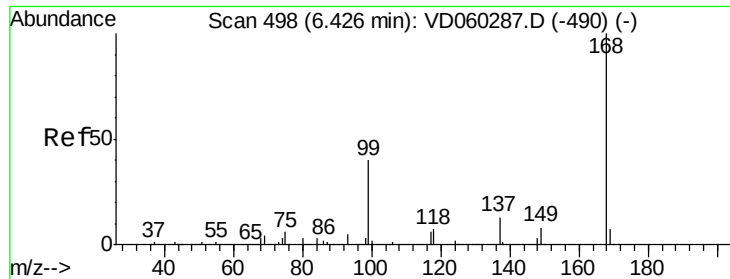
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD112118\
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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: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

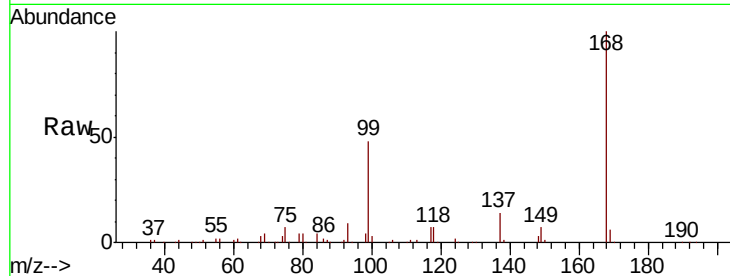
FDSB-14(16-18)

Tgt Ion:168 Resp: 1540861

Ion Ratio Lower Upper

168 100

99 47.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

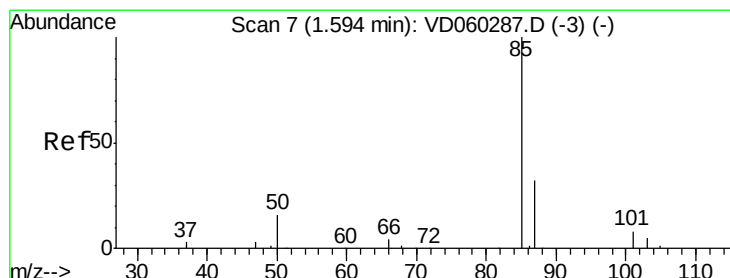
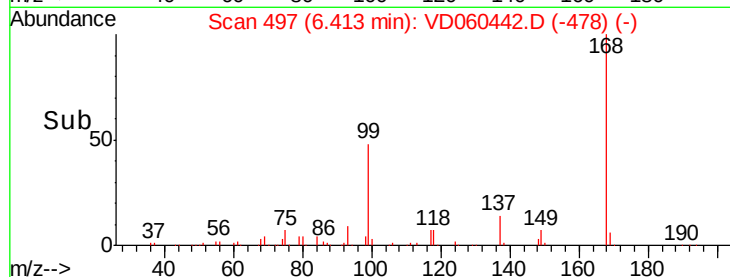
600000

400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060442.D

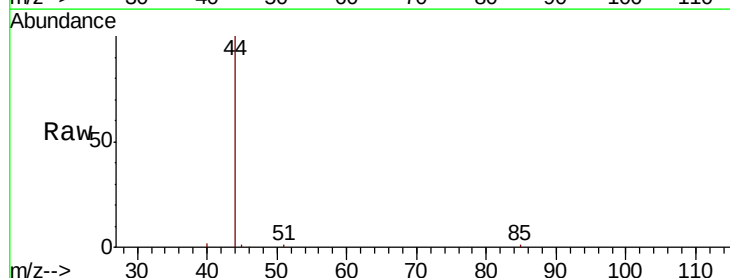
Acq: 21 Nov 2018 15:05

Tgt Ion: 85 Resp: 1508

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

1.60

1000

800

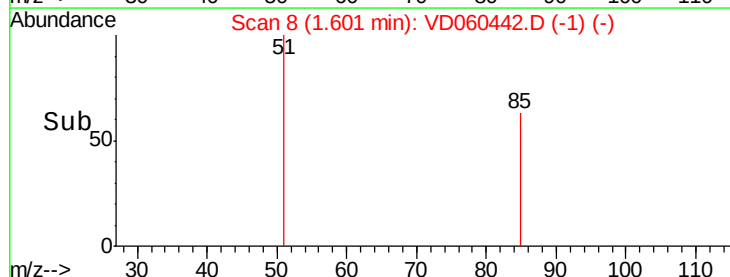
600

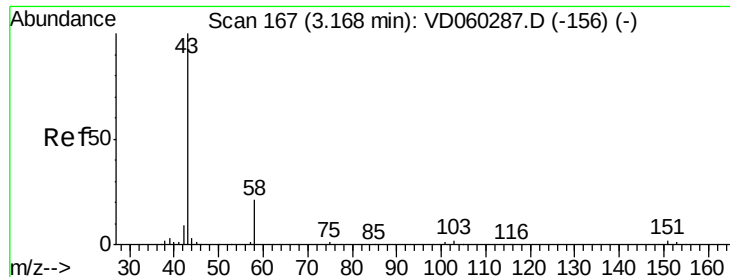
400

200

0

Time-->





#16

Acetone

Concen: 6.742 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.01 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

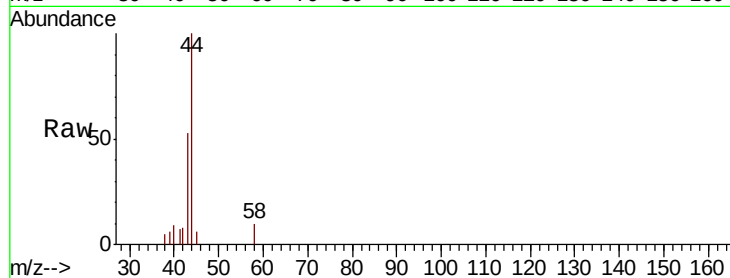
FDSB-14(16-18)

Tgt Ion: 43 Resp: 12902

Ion Ratio Lower Upper

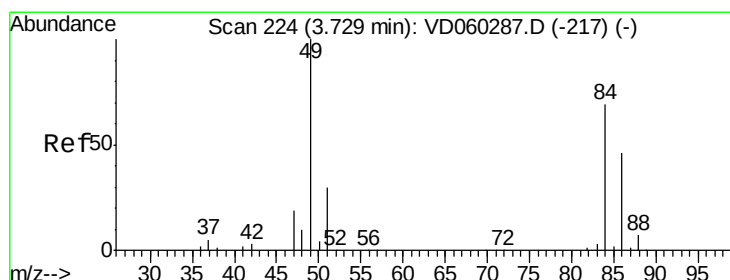
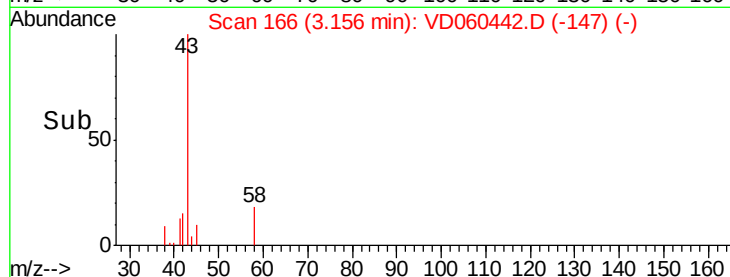
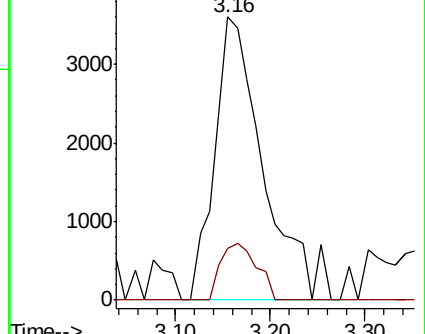
43 100

58 18.0 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: 6.372 ug/l

RT: 3.73 min Scan# 224

Delta R.T. -0.00 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Tgt Ion: 84 Resp: 108178

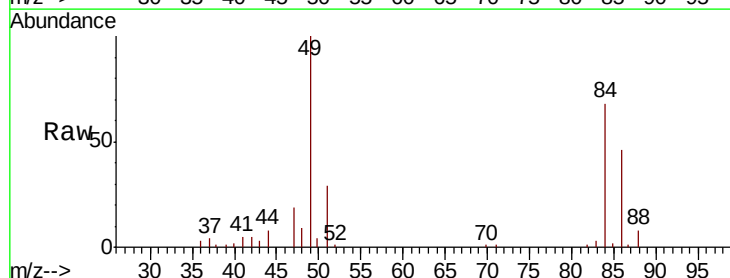
Ion Ratio Lower Upper

84 100

49 146.6 115.6 173.4

51 42.8 35.6 53.4

86 68.0 52.3 78.5

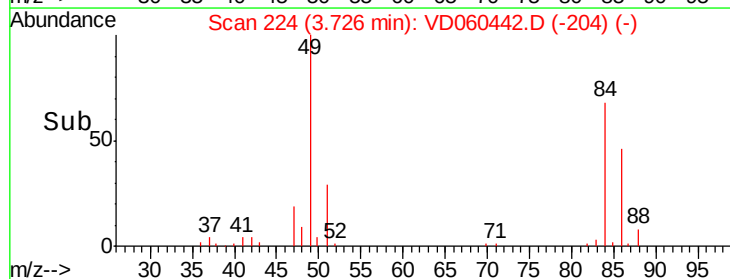
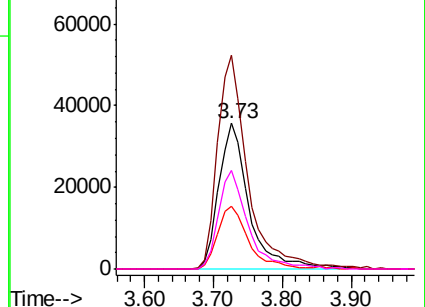


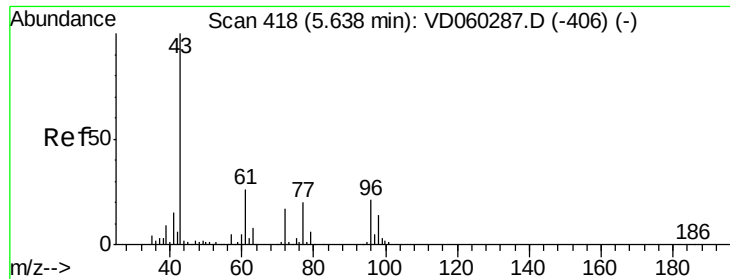
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 1.123 ug/l

RT: 5.64 min Scan# 418

Delta R.T. -0.00 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

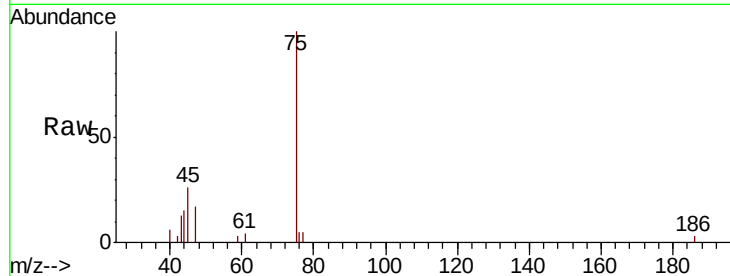
FDSB-14(16-18)

Tgt Ion: 43 Resp: 4468

Ion Ratio Lower Upper

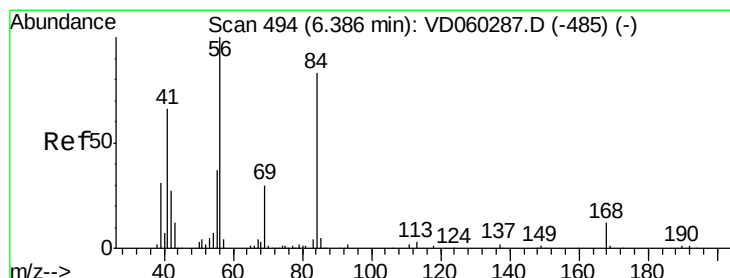
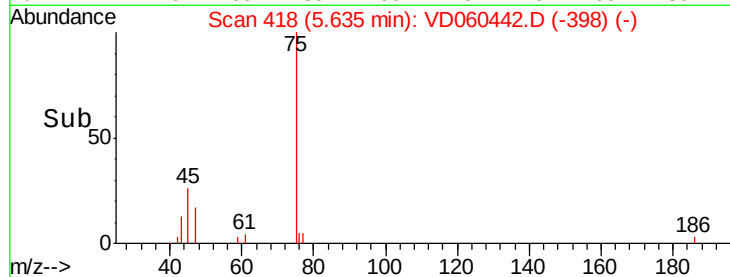
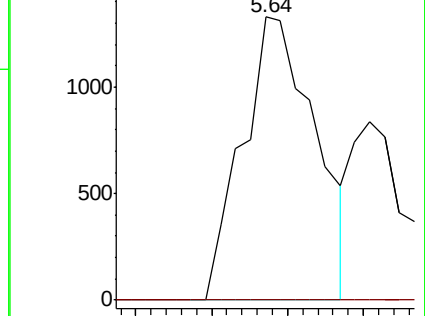
43 100

72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.115 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

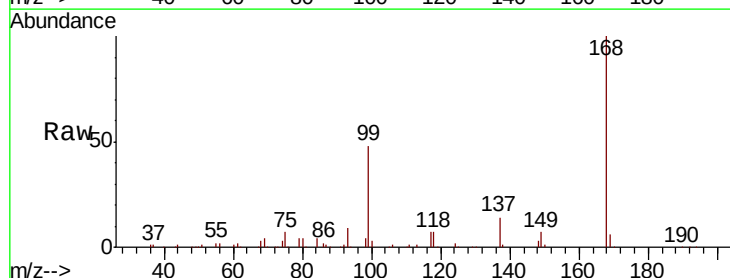
Tgt Ion: 56 Resp: 29384

Ion Ratio Lower Upper

56 100

69 231.0 22.2 33.2#

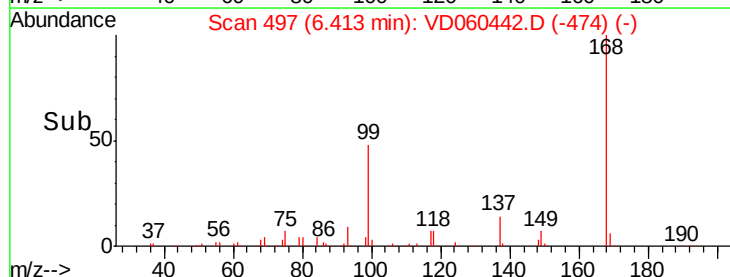
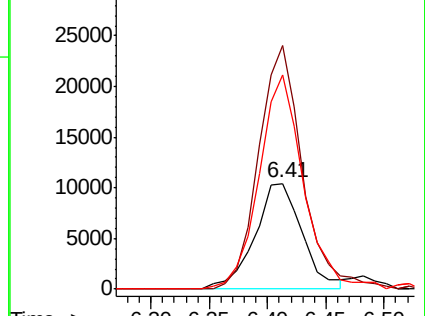
84 202.8 63.0 94.4#

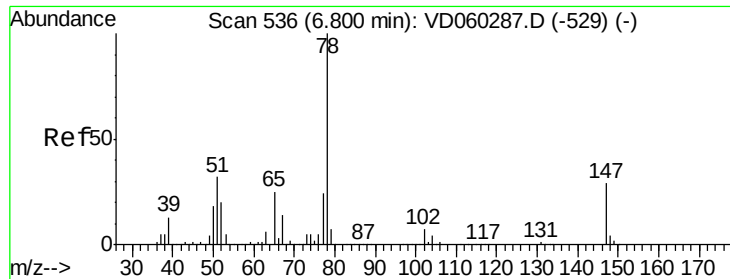


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

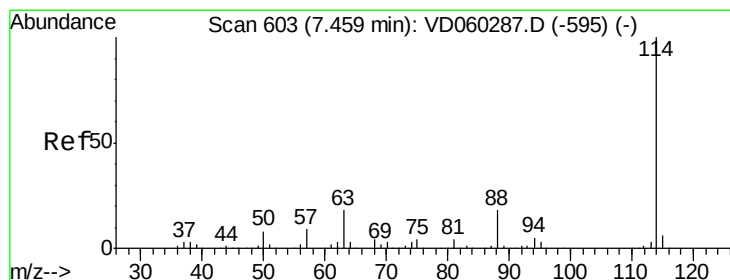
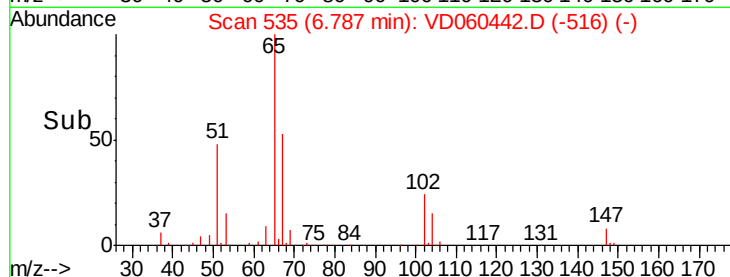
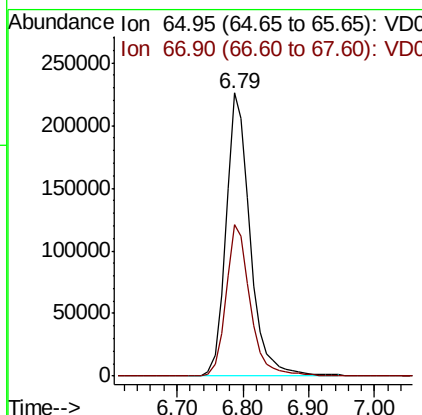
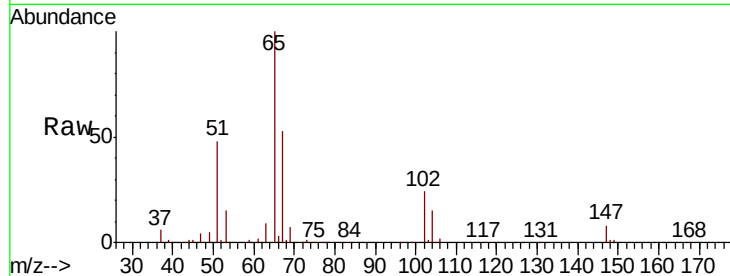




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VD060442.D
 Acq: 21 Nov 2018 15:05

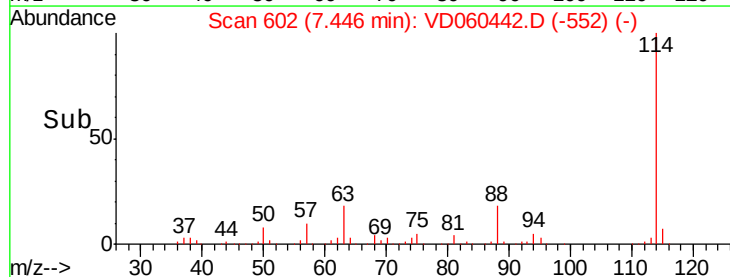
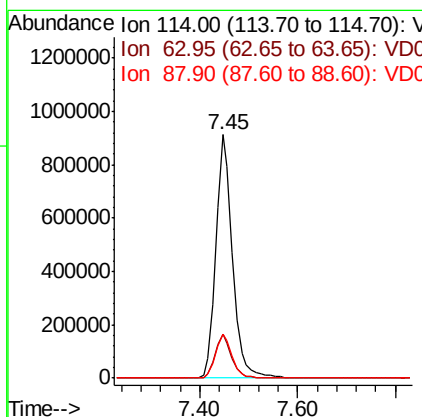
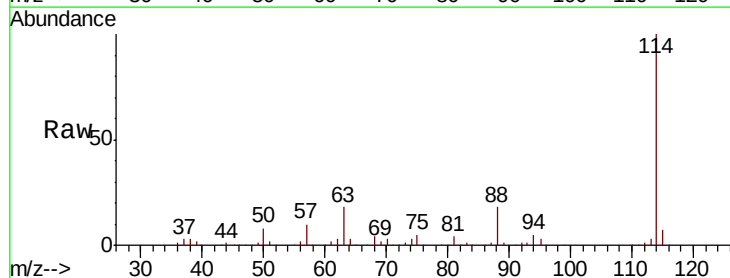
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(16-18)

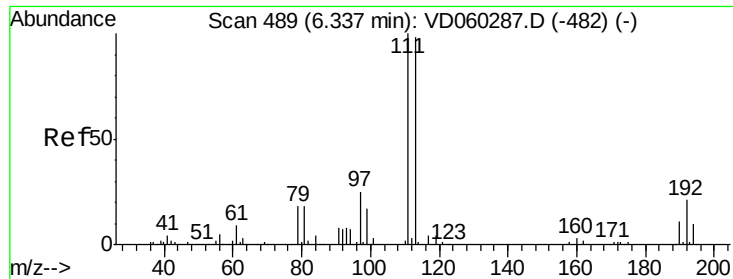
Tgt Ion: 65 Resp: 575801
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060442.D
 Acq: 21 Nov 2018 15:05

Tgt Ion: 114 Resp: 2161606
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.0
 88 18.1 0.0 35.4

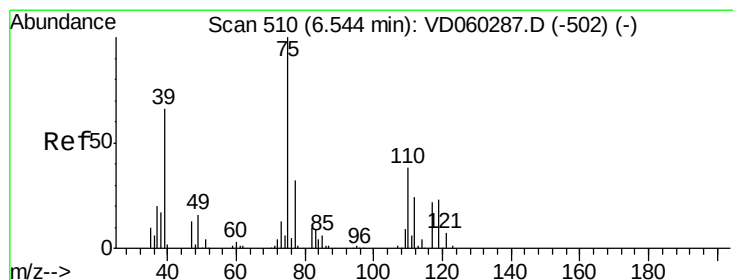
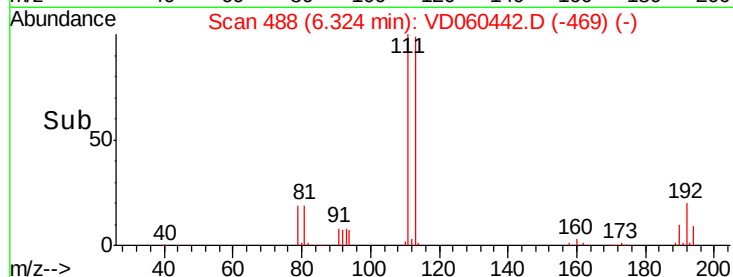
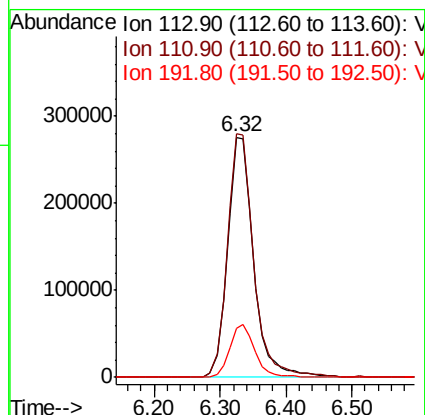
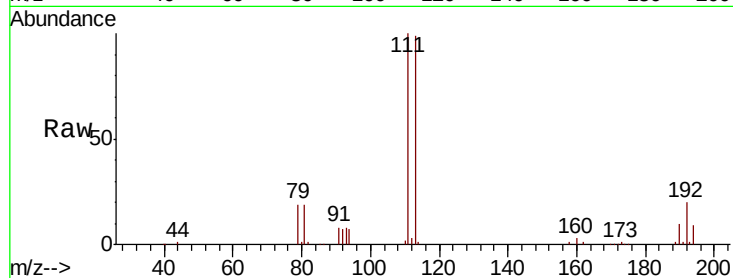




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060442.D
 Acq: 21 Nov 2018 15:05

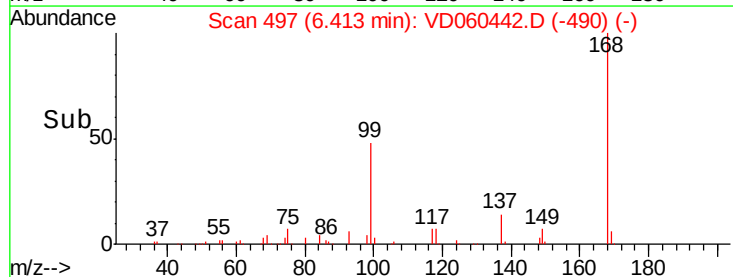
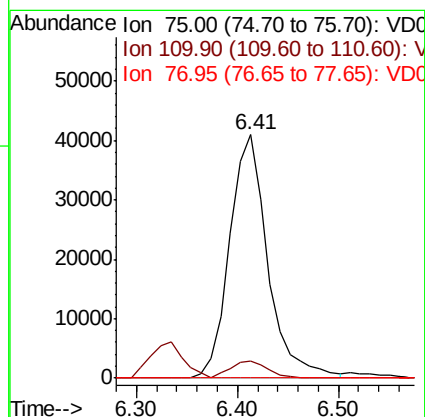
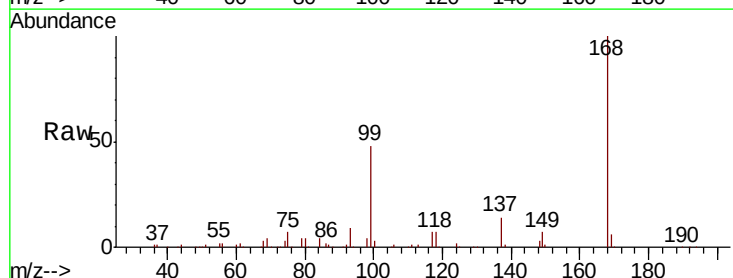
Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(16-18)

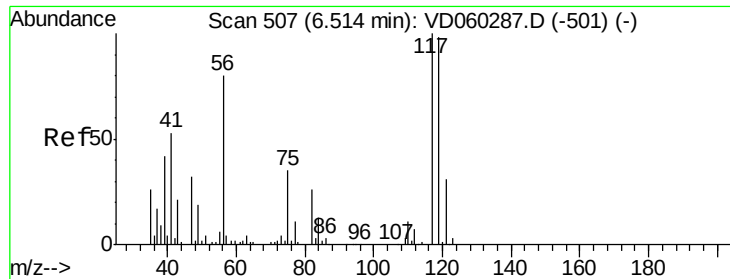
Tgt Ion: 113 Resp: 762304
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.6 122.4
 192 20.2 16.5 24.7



#36
 1,1-Dichloropropene
 Concen: 5.026 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.13 min
 Lab File: VD060442.D
 Acq: 21 Nov 2018 15:05

Tgt Ion: 75 Resp: 107329
 Ion Ratio Lower Upper
 75 100
 110 6.9 18.0 54.0#
 77 0.0 25.6 38.4#

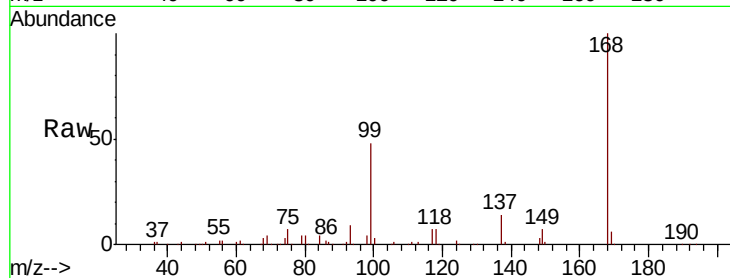




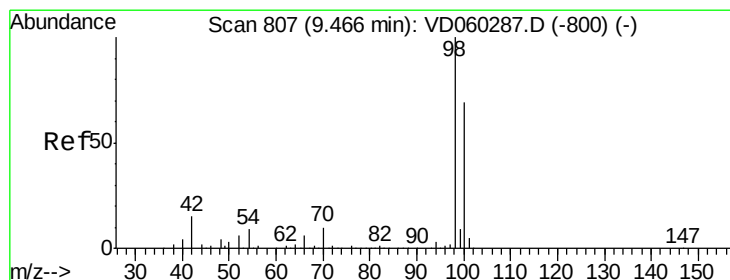
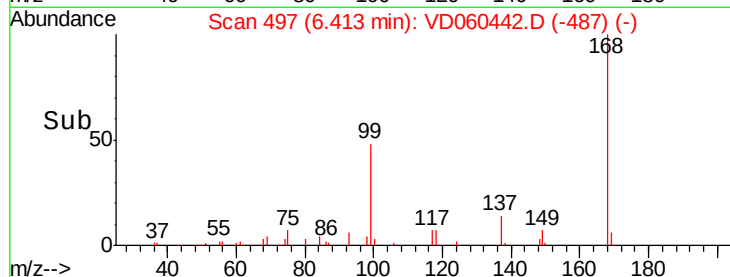
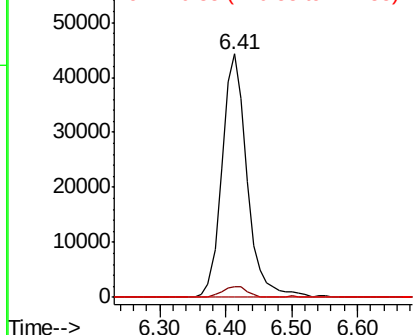
#38
Carbon Tetrachloride
Concen: 5.959 ug/l
RT: 6.41 min Scan# 497
Delta R.T. -0.10 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
FDSB-14(16-18)

Tgt Ion:117 Resp: 118048
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 24.3 36.5#

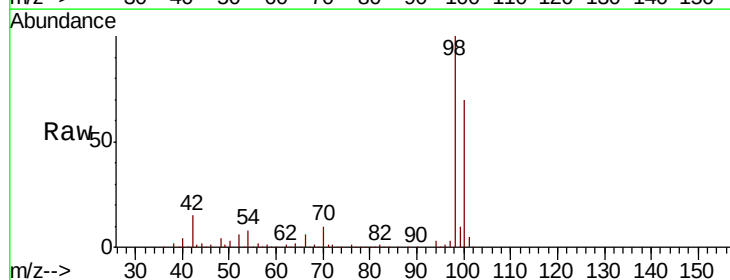


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

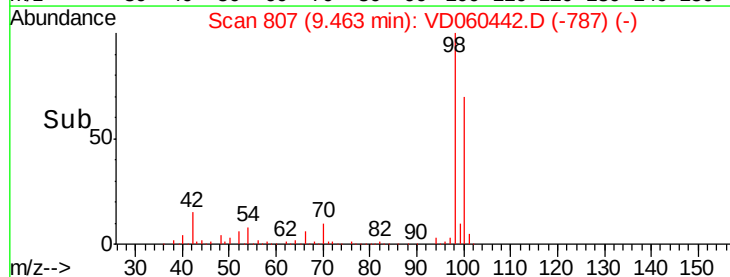
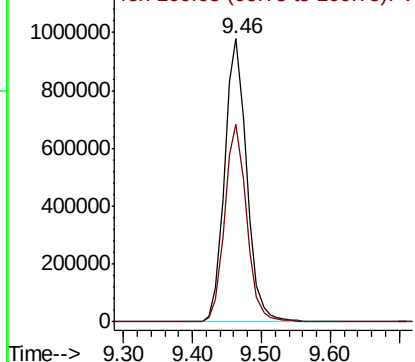


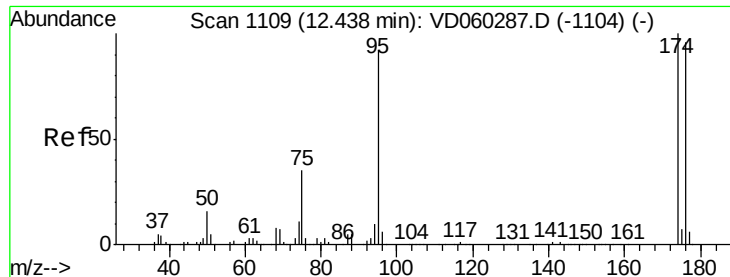
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. -0.00 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

Tgt Ion: 98 Resp: 2166215
Ion Ratio Lower Upper
98 100
100 69.9 55.2 82.8



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

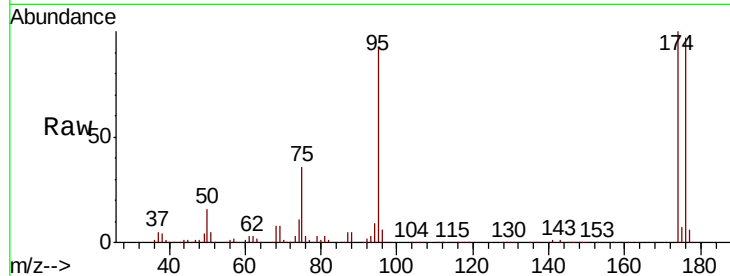




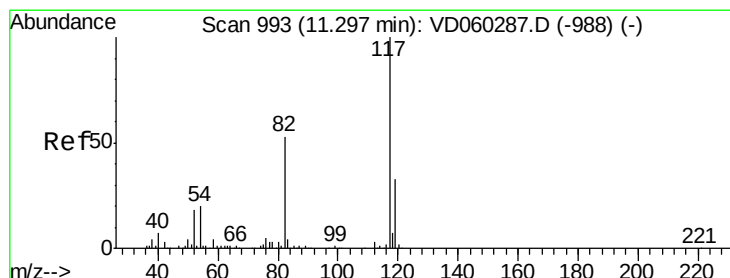
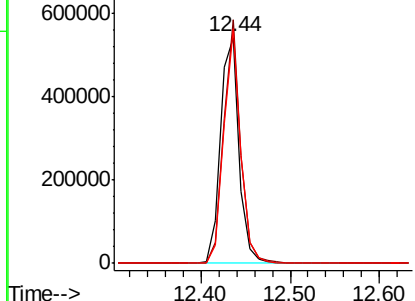
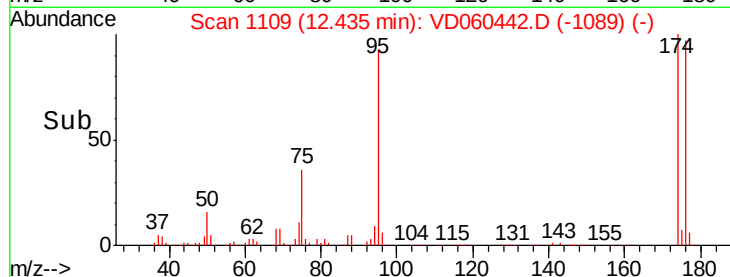
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. -0.00 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

Instrument :
MSVOA_D
ClientSampleId :
FDSB-14(16-18)

Tgt Ion: 95 Resp: 799238
Ion Ratio Lower Upper
95 100
174 107.7 0.0 160.8
176 103.9 0.0 154.6

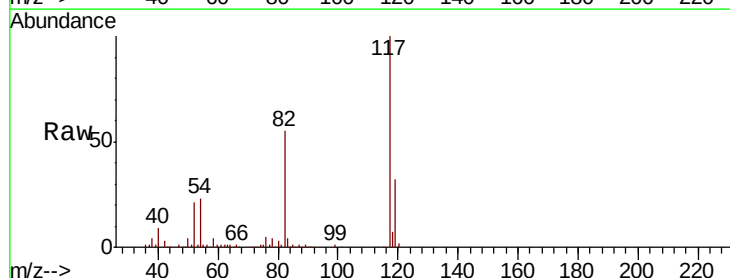


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

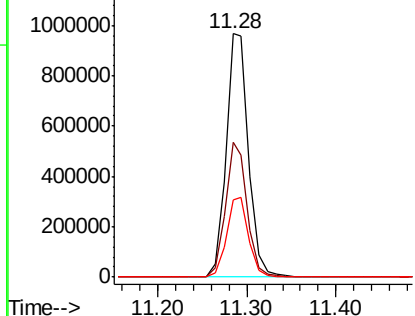
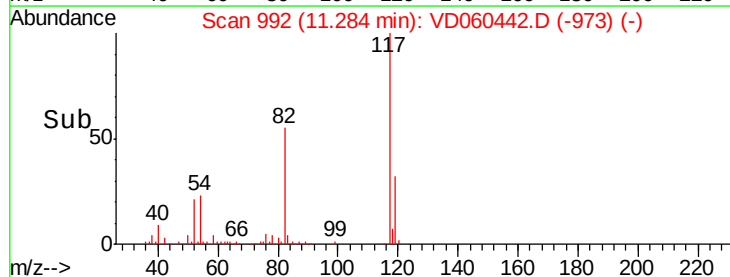


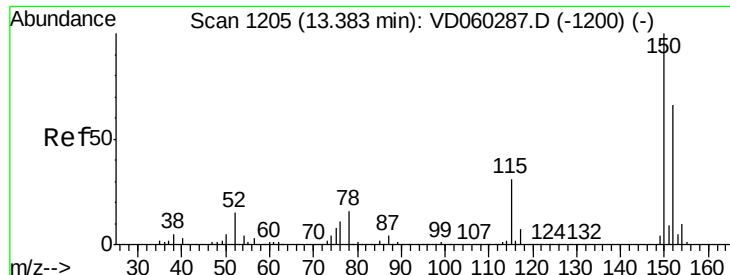
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060442.D
Acq: 21 Nov 2018 15:05

Tgt Ion: 117 Resp: 1708439
Ion Ratio Lower Upper
117 100
82 55.5 43.7 65.5
119 31.7 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# 1205

Delta R.T. -0.00 min

Lab File: VD060442.D

Acq: 21 Nov 2018 15:05

Instrument :

MSVOA_D

ClientSampleId :

FDSB-14(16-18)

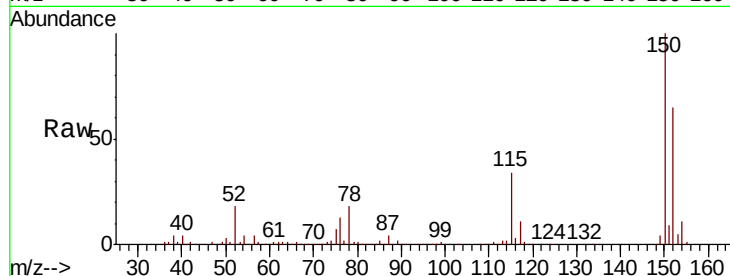
Tgt Ion:152 Resp: 886405

Ion Ratio Lower Upper

152 100

115 51.6 24.1 72.3

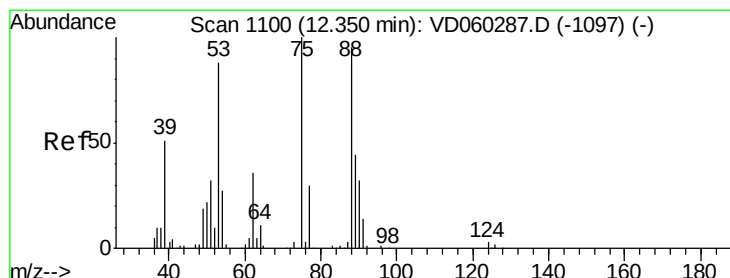
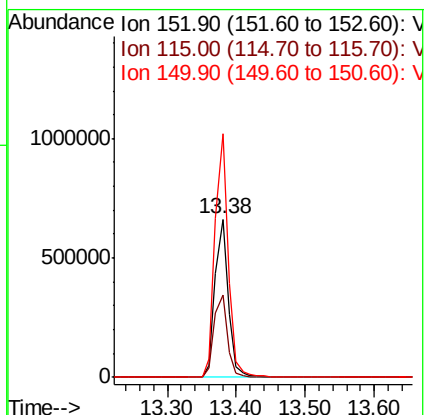
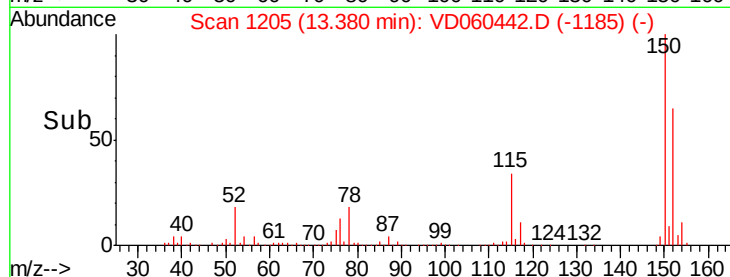
150 153.6 0.0 310.6



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: 106.258 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.09 min

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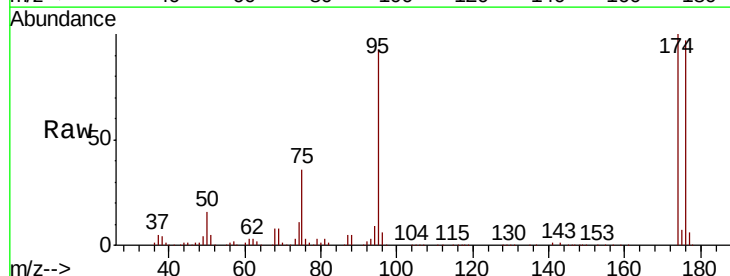
Tgt Ion: 75 Resp: 320771

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

