

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111418\
 Data File : VD060388.D
 Acq On : 14 Nov 2018 19:30
 Operator : JC/SY
 Sample : J5918-11
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-01(10-12)

Quant Time: Nov 15 05:43:54 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	6.37	168	1683154	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	7.41	114	2261730	50.00	ug/l	-0.05
63) Chlorobenzene-d5	11.26	117	1856755	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	934871	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	455340	37.78	ug/l	-0.05
Spiked Amount			Recovery	=	75.56%	
35) Dibromofluoromethane	6.29	113	640263	37.96	ug/l	-0.04
Spiked Amount			Recovery	=	75.92%	
50) Toluene-d8	9.42	98	1865050	37.78	ug/l	-0.04
Spiked Amount			Recovery	=	75.56%	
62) 4-Bromofluorobenzene	12.41	95	686423	38.38	ug/l	-0.03
Spiked Amount			Recovery	=	76.76%	

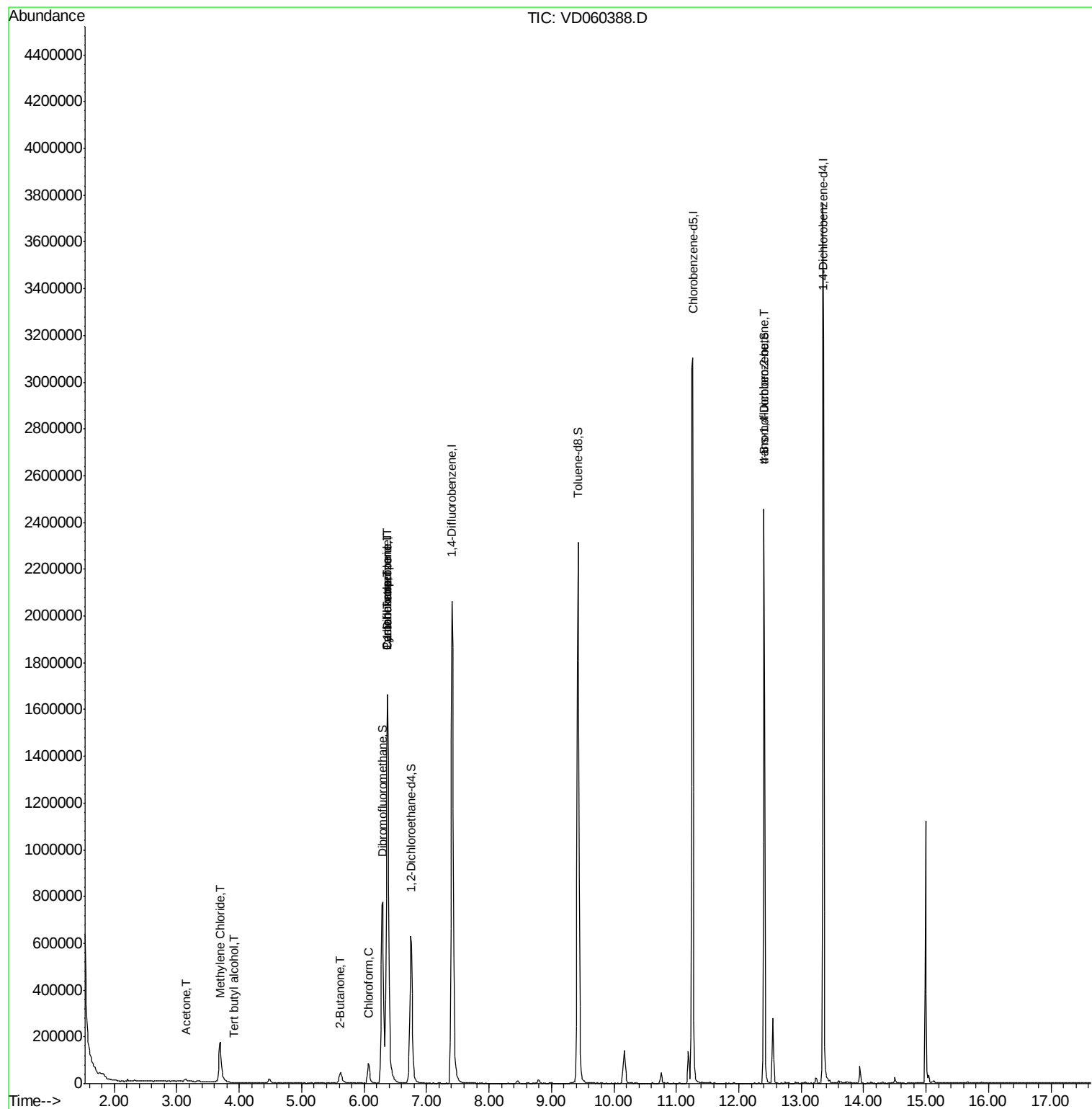
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	2464	Below Cal		87
11) Tert butyl alcohol	3.92	59	1284	2.595	ug/l #	70
16) Acetone	3.14	43	19804	9.473	ug/l #	89
20) Methylene Chloride	3.69	84	114841	6.193	ug/l	99
25) 2-Butanone	5.63	43	5527	1.272	ug/l #	60
30) Chloroform	6.07	83	87805	2.917	ug/l	95
31) Cyclohexane	6.37	56	29178	1.014	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	115656	5.176	ug/l #	46
38) Carbon Tetrachloride	6.37	117	130039	6.274	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.41	75	276155	86.736	ug/l #	15
89) n-Butylbenzene	13.63	91	1332	Below Cal	#	84

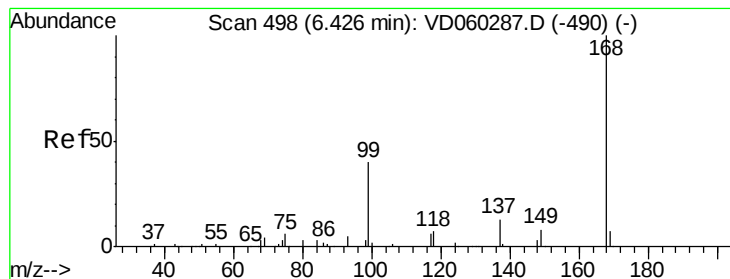
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111418\
Data File : VD060388.D
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FDSB-01(10-12)

Quant Time: Nov 15 05:43:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.05 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Instrument :

MSVOA_D

ClientSampleId :

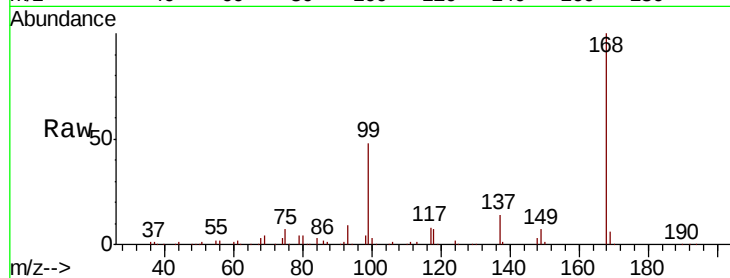
FDSB-01(10-12)

Tot Ion:168 Resp: 1683154

Ion Ratio Lower Upper

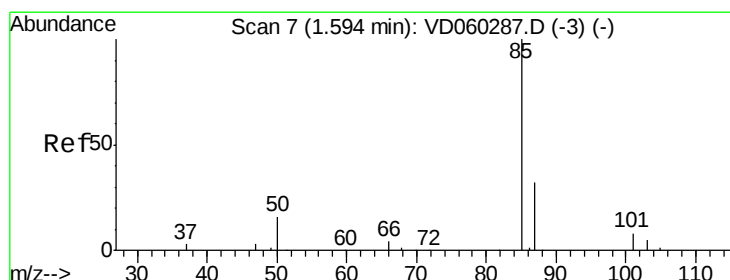
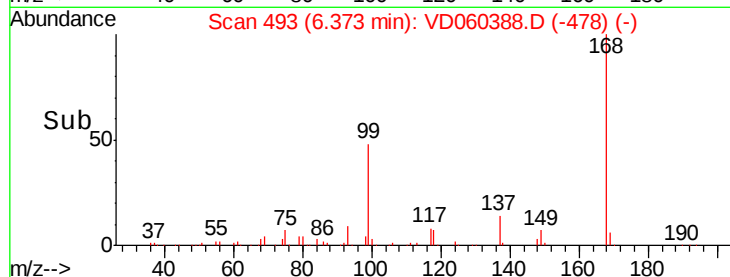
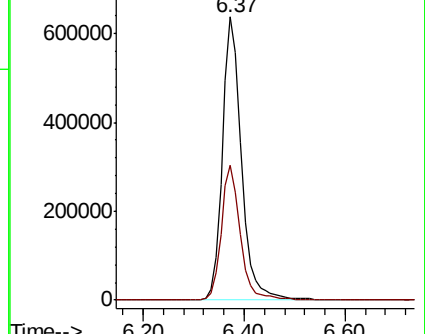
168 100

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



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.58 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060388.D

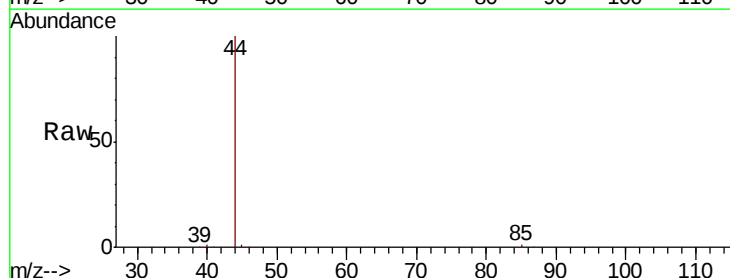
Acq: 14 Nov 2018 19:30

Tgt Ion: 85 Resp: 2464

Ion Ratio Lower Upper

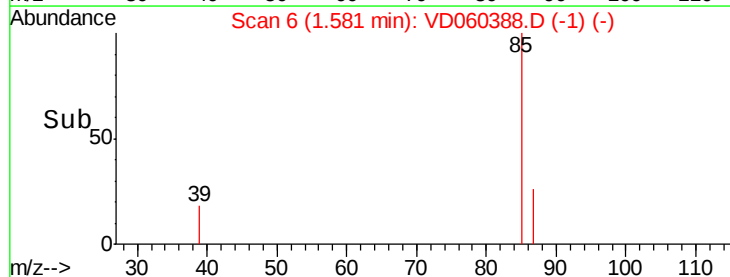
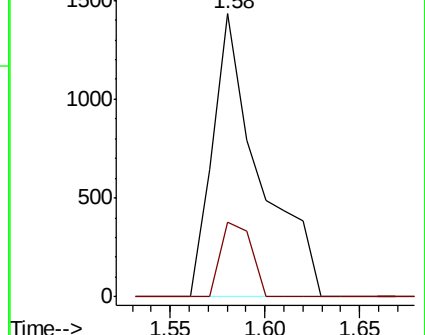
85 100

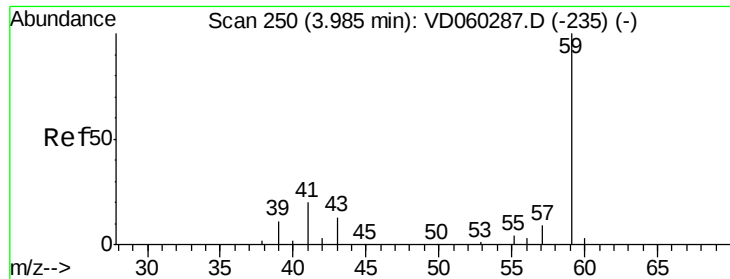
87 26.3 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC



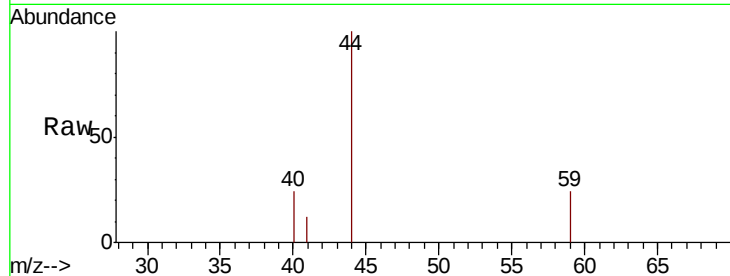


#11

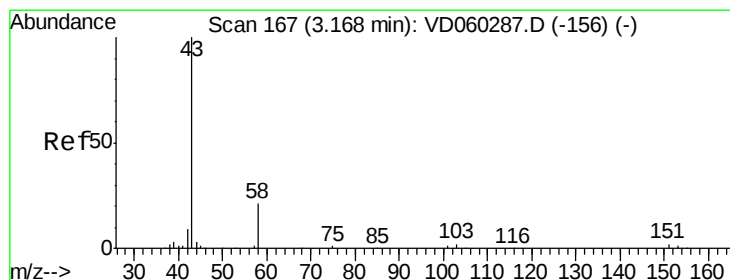
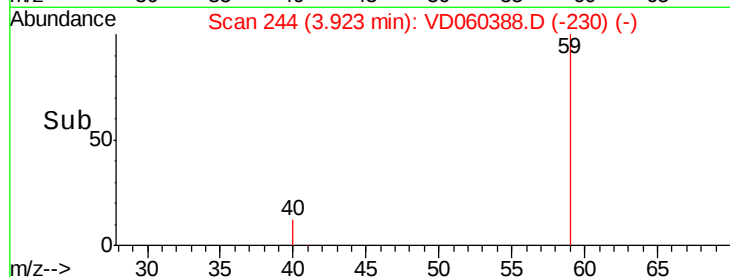
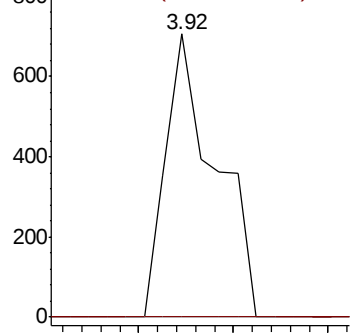
Tert butyl alcohol
 Concen: 2.595 ug/l
 RT: 3.92 min Scan# 244
 Delta R.T. -0.06 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-01(10-12)

Tot Ion: 59 Resp: 1284
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#



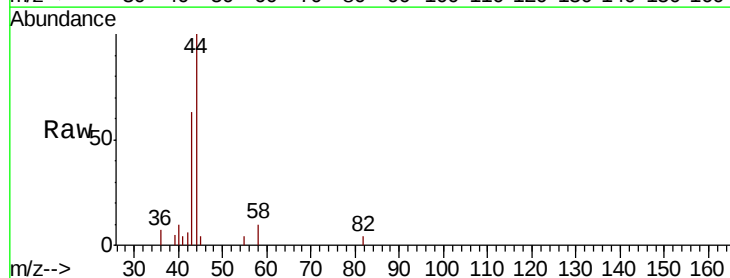
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



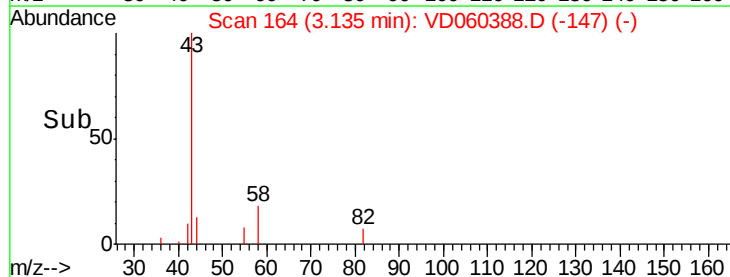
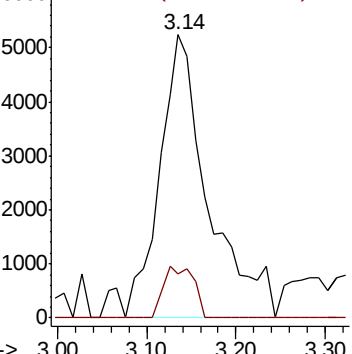
#16

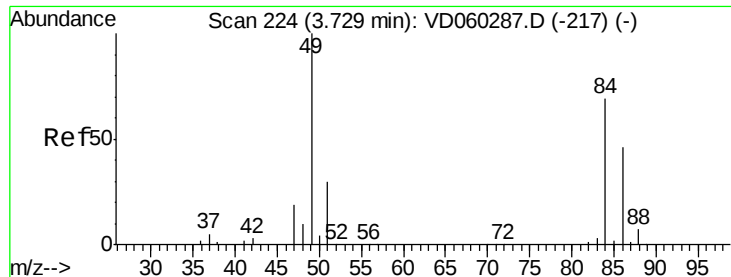
Acetone
 Concen: 9.473 ug/l
 RT: 3.14 min Scan# 164
 Delta R.T. -0.03 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

Tgt Ion: 43 Resp: 19804
 Ion Ratio Lower Upper
 43 100
 58 15.8 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 57.95 (57.65 to 58.65): VDC

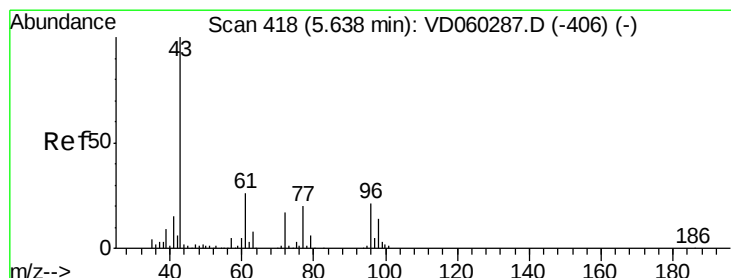
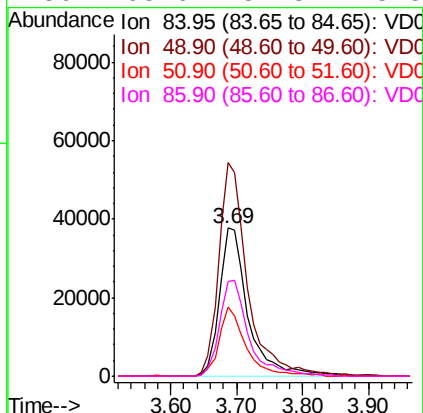
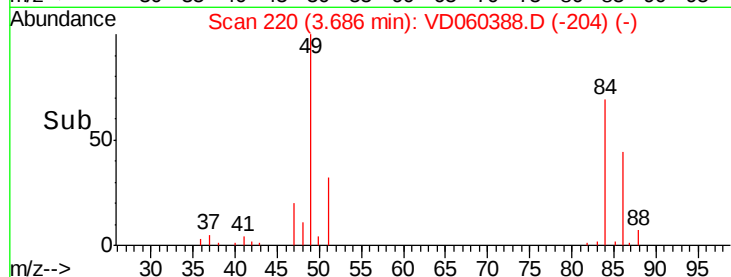
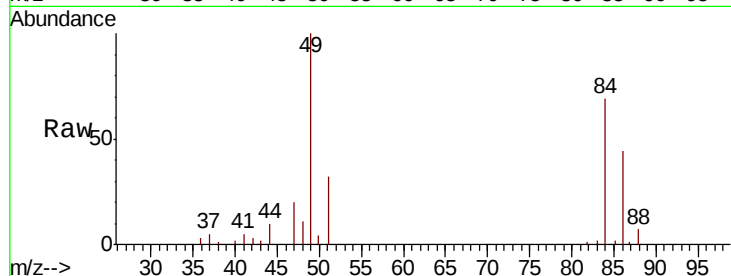




#20
Methylene Chloride
Concen: 6.193 ug/l
RT: 3.69 min Scan# 220
Delta R.T. -0.04 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

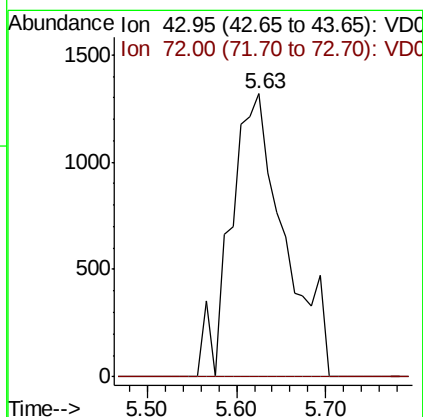
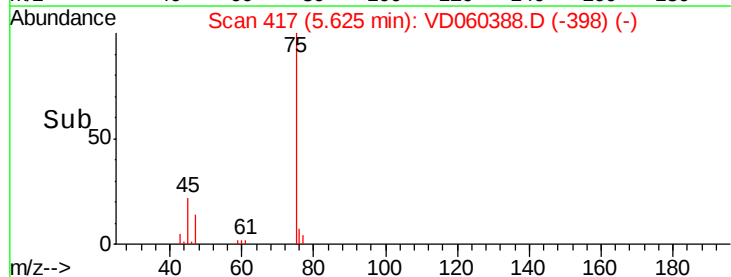
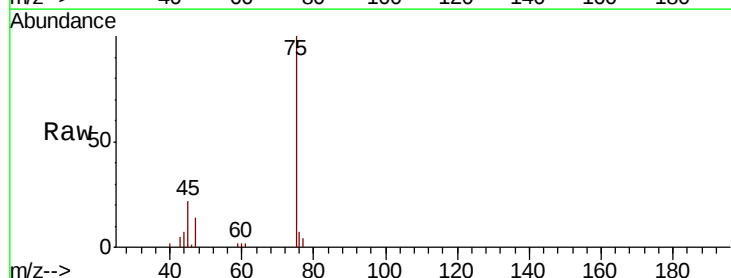
Instrument :
MSVOA_D
ClientSampleId :
FDSB-01(10-12)

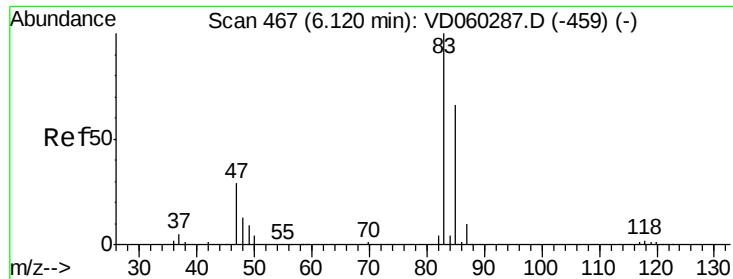
Tot Ion: 84 Resp: 114841
Ion Ratio Lower Upper
84 100
49 144.3 115.6 173.4
51 46.3 35.6 53.4
86 63.6 52.3 78.5



#25
2-Butanone
Concen: 1.272 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Tgt Ion: 43 Resp: 5527
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#

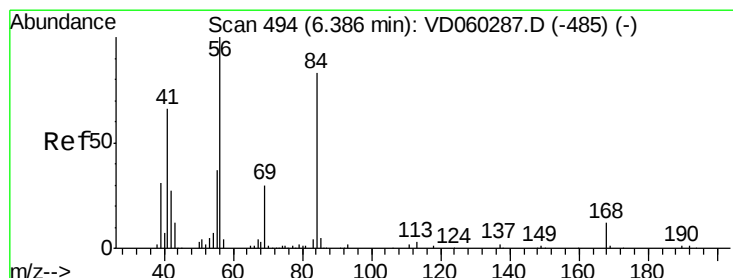
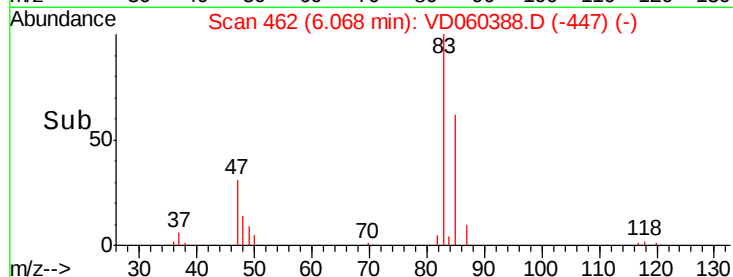
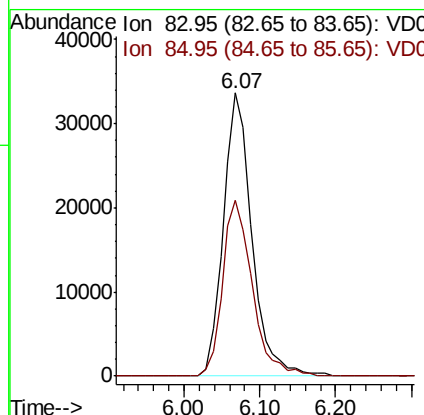
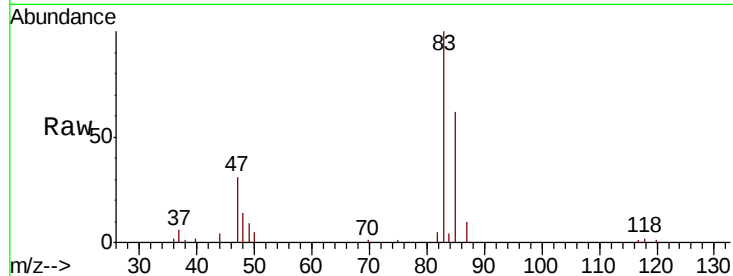




#30
Chloroform
Concen: 2.917 ug/l
RT: 6.07 min Scan# 462
Delta R.T. -0.05 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

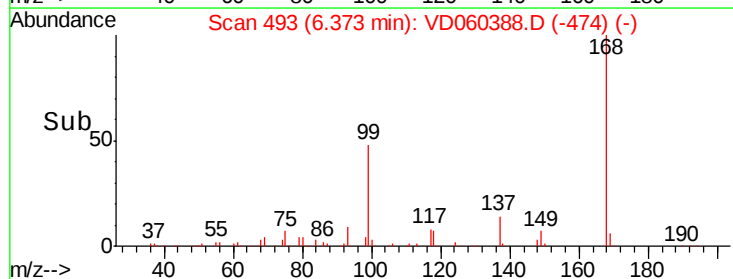
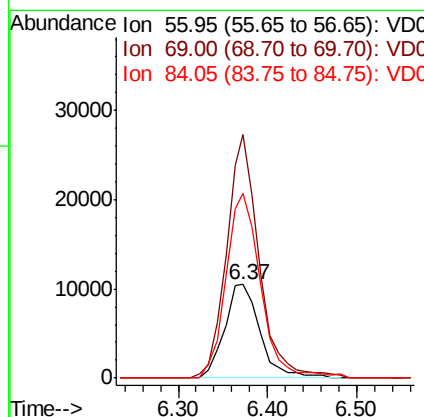
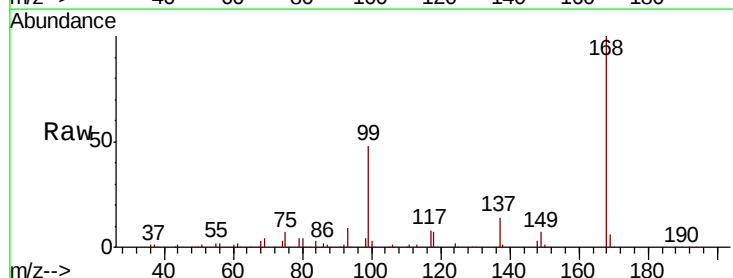
Instrument :
MSVOA_D
ClientSampleId :
FDSB-01(10-12)

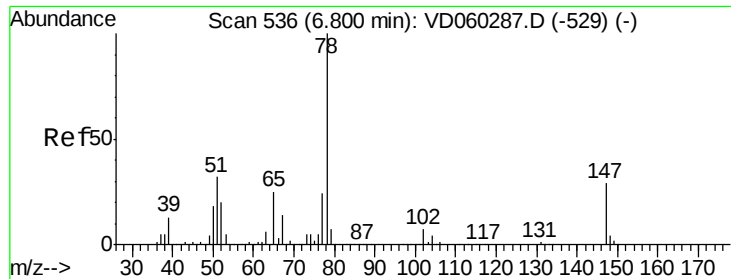
Tot Ion: 83 Resp: 87805
Ion Ratio Lower Upper
83 100
85 61.9 52.5 78.7



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Tgt Ion: 56 Resp: 29178
Ion Ratio Lower Upper
56 100
69 260.7 22.2 33.2#
84 198.3 63.0 94.4#

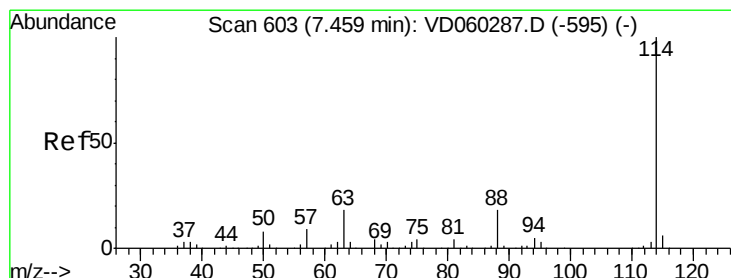
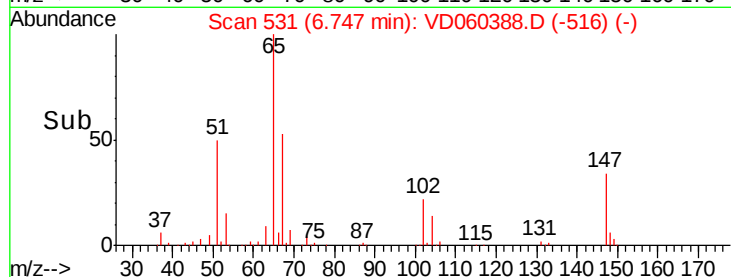
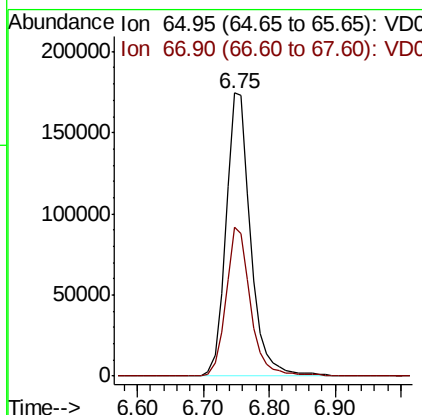
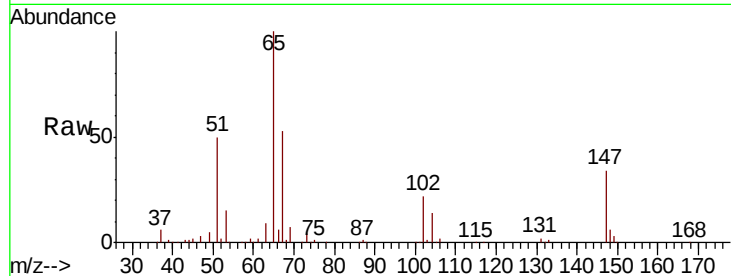




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 531
 Delta R.T. -0.05 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

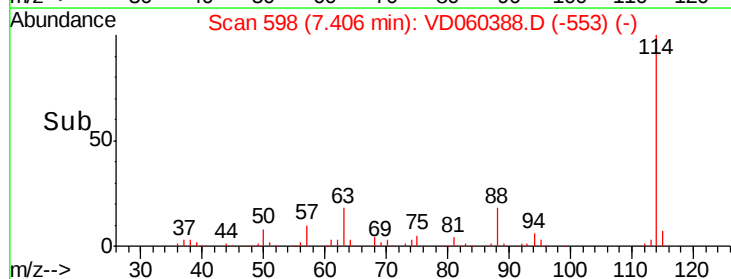
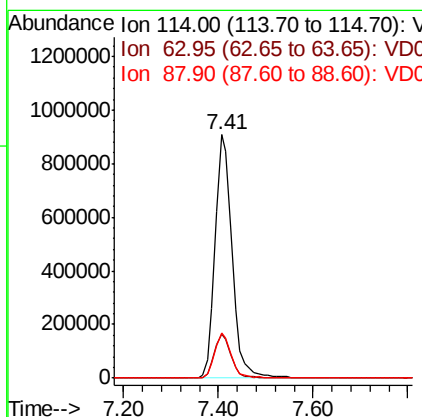
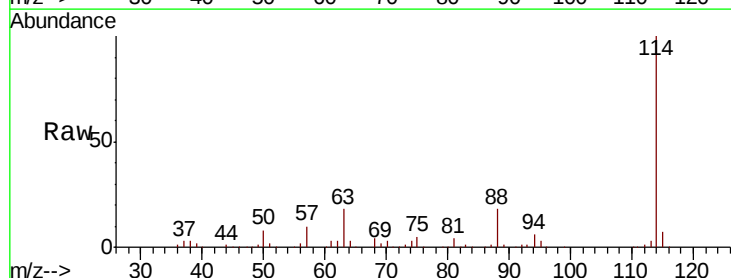
Instrument :
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 FDSB-01(10-12)

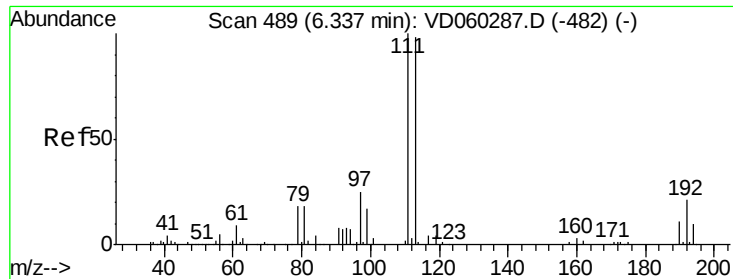
Tot Ion: 65 Resp: 455340
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 598
 Delta R.T. -0.05 min
 Lab File: VD060388.D
 Acq: 14 Nov 2018 19:30

Tgt Ion: 114 Resp: 2261730
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 18.4 0.0 35.4

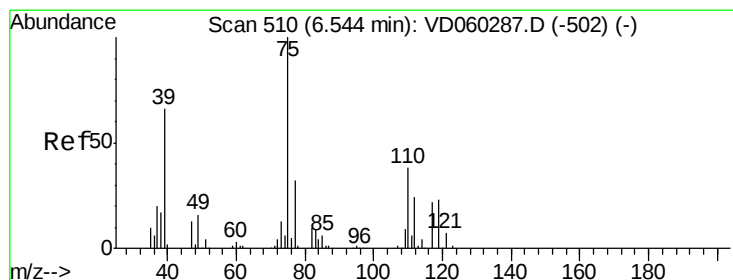
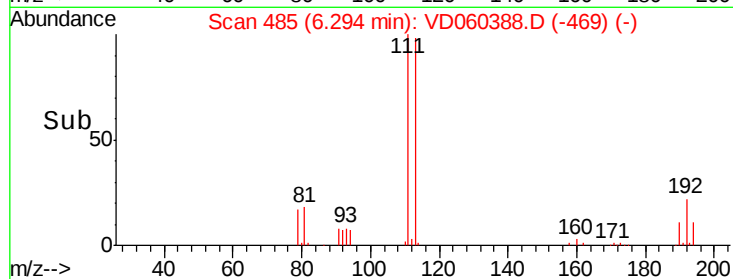
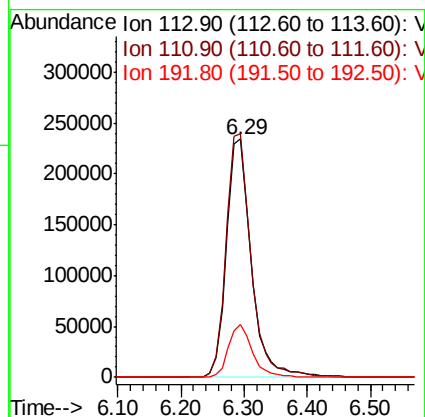
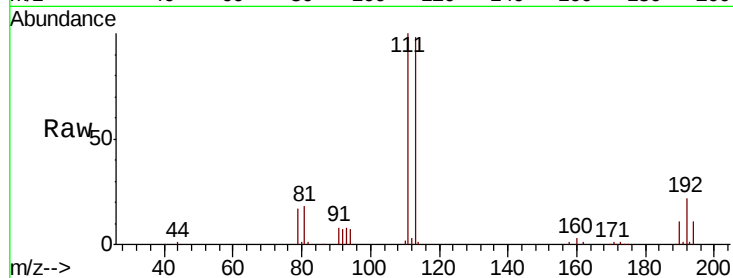




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.29 min Scan# 485
Delta R.T. -0.04 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

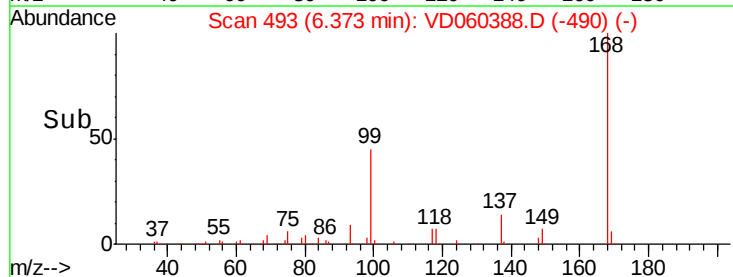
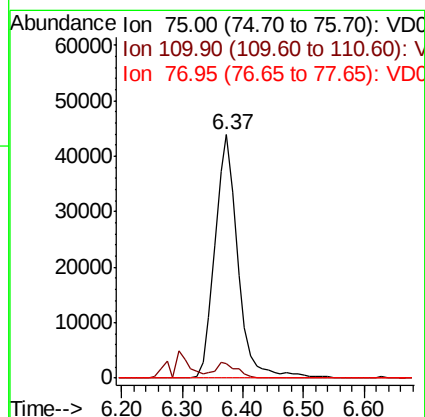
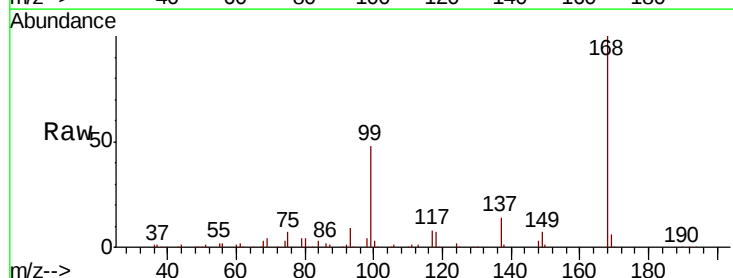
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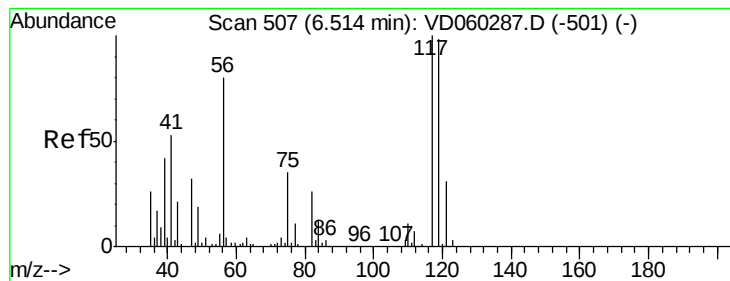
Tot Ion:113 Resp: 640263
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 22.3 16.5 24.7



#36
1,1-Dichloropropene
Concen: 5.176 ug/l
RT: 6.37 min Scan# 493
Delta R.T. -0.17 min
Lab File: VD060388.D
Acq: 14 Nov 2018 19:30

Tgt Ion: 75 Resp: 115656
Ion Ratio Lower Upper
75 100
110 6.0 18.0 54.0#
77 0.0 25.6 38.4#





#38

Carbon Tetrachloride

Concen: 6.274 ug/l

RT: 6.37 min Scan# 493

Delta R.T. -0.14 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Instrument :

MSVOA_D

ClientSampleId :

FDSB-01(10-12)

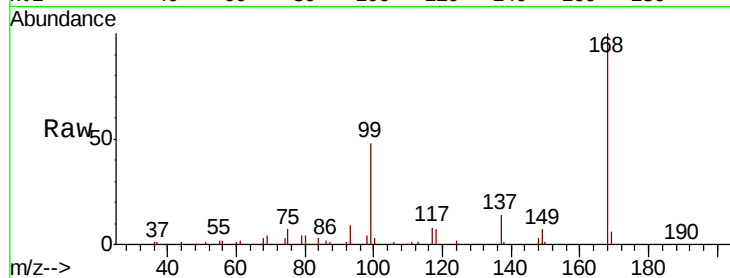
Tot Ion:117 Resp: 130039

Ion Ratio Lower Upper

117 100

119 4.1 76.6 115.0#

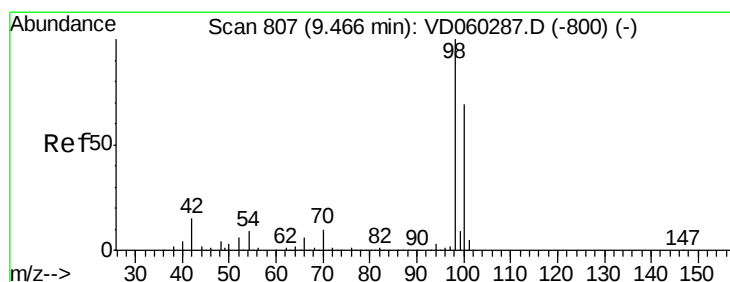
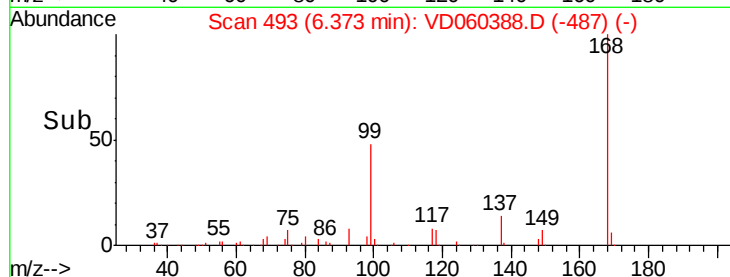
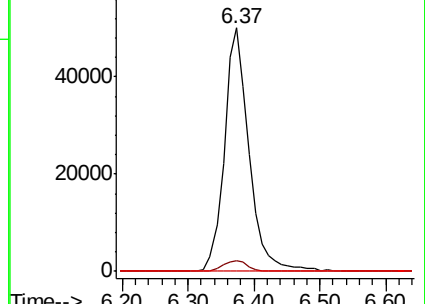
121 0.0 24.3 36.5#



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: 9.42 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060388.D

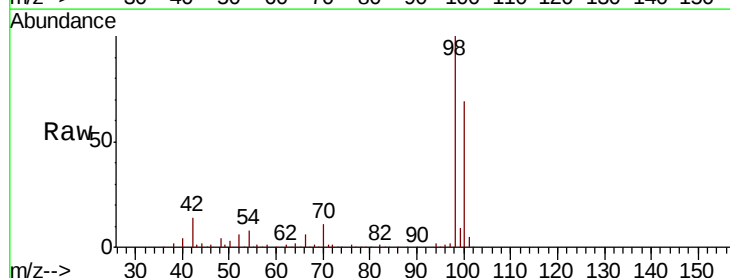
Acq: 14 Nov 2018 19:30

Tgt Ion: 98 Resp: 1865050

Ion Ratio Lower Upper

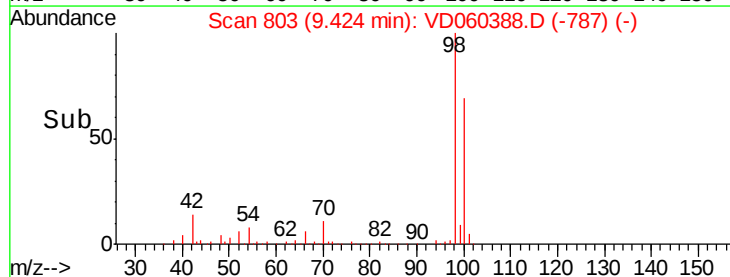
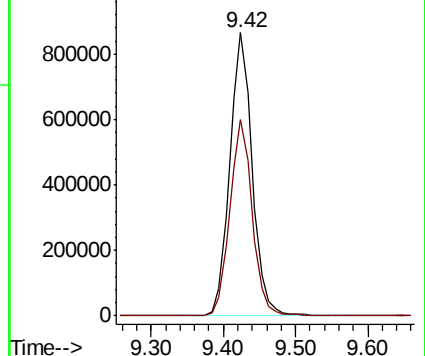
98 100

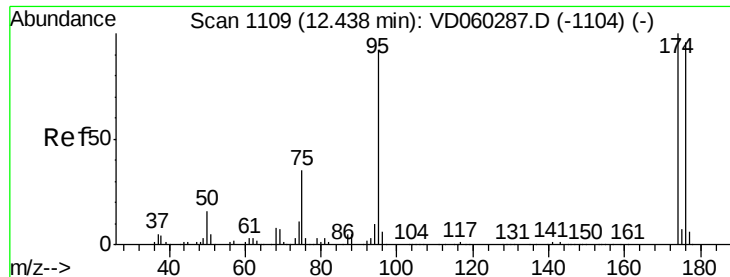
100 69.2 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Instrument :

MSVOA_D

ClientSampleId :

FDSB-01(10-12)

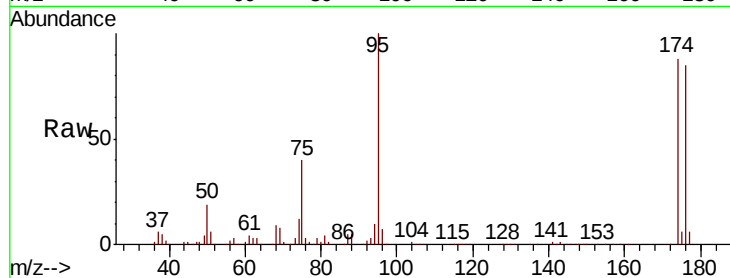
Tot Ion: 95 Resp: 686423

Ion Ratio Lower Upper

95 100

174 87.7 0.0 160.8

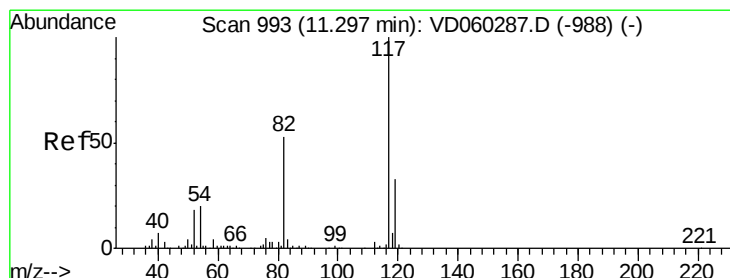
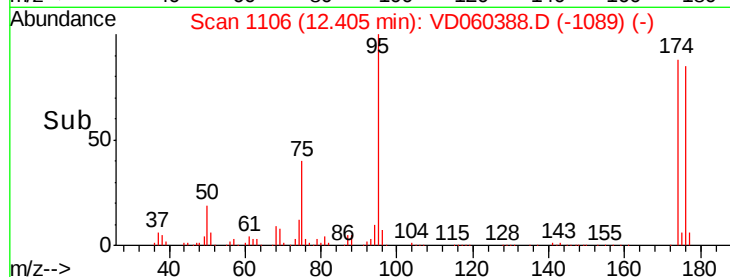
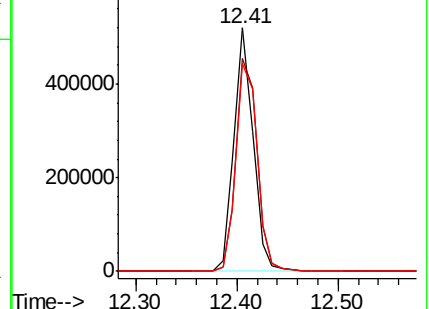
176 85.3 0.0 154.6



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: 11.26 min Scan# 990

Delta R.T. -0.03 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

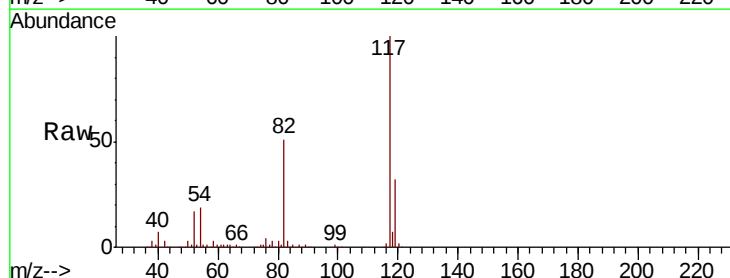
Tgt Ion: 117 Resp: 1856755

Ion Ratio Lower Upper

117 100

82 50.6 43.7 65.5

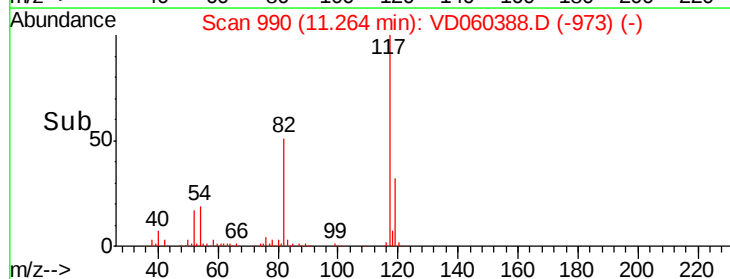
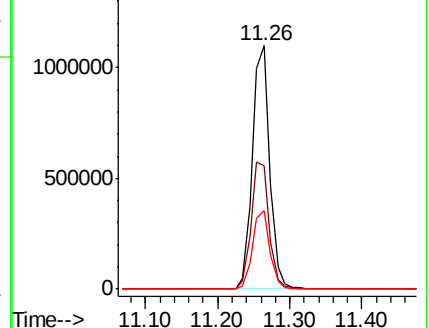
119 32.1 26.1 39.1

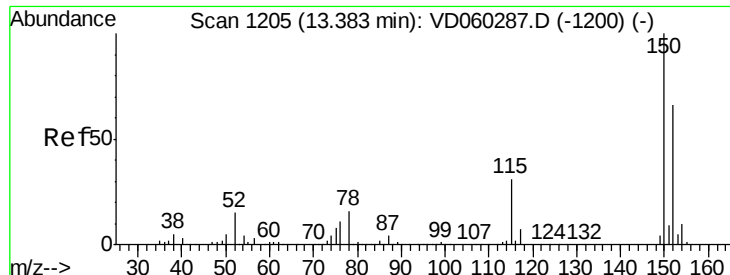


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.35 min Scan# 1202

Delta R.T. -0.03 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

Instrument :

MSVOA_D

ClientSampleId :

FDSB-01(10-12)

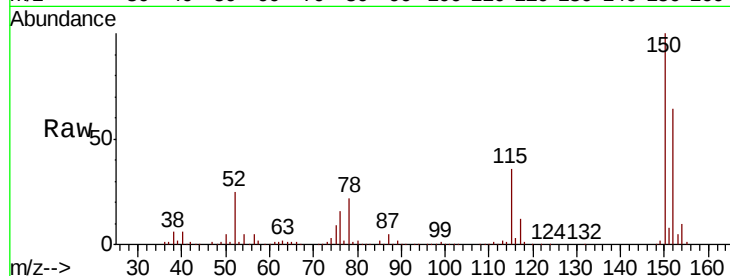
Tot Ion:152 Resp: 934871

Ion Ratio Lower Upper

152 100

115 56.9 24.1 72.3

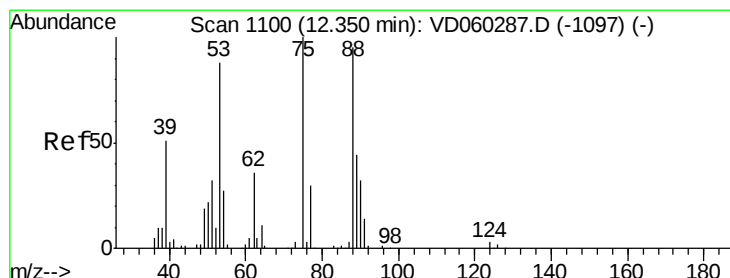
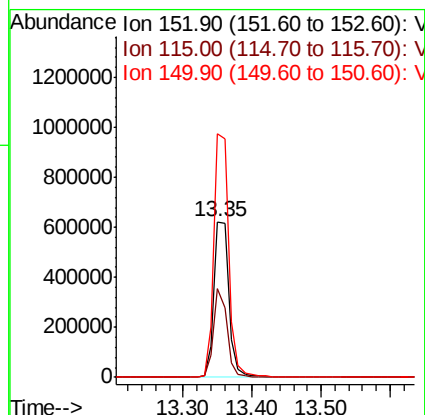
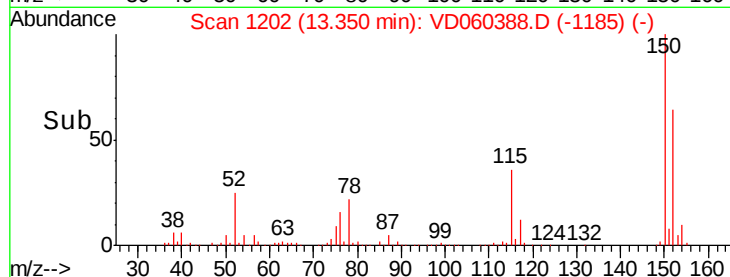
150 156.8 0.0 310.6



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: 86.736 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060388.D

Acq: 14 Nov 2018 19:30

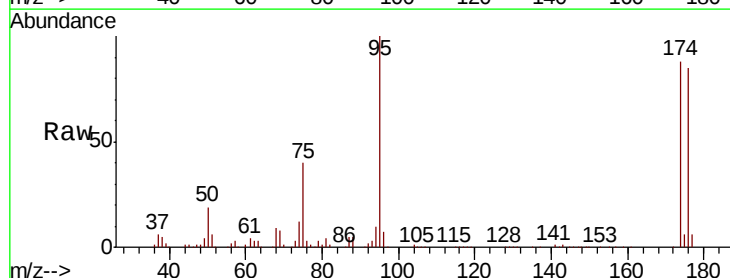
Tgt Ion: 75 Resp: 276155

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

