

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
 Data File : VD061882.D
 Acq On : 18 Apr 2019 19:00
 Operator : VA/AP
 Sample : K2203-11
 Misc : 7.06g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-B

Quant Time: Apr 18 19:24:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

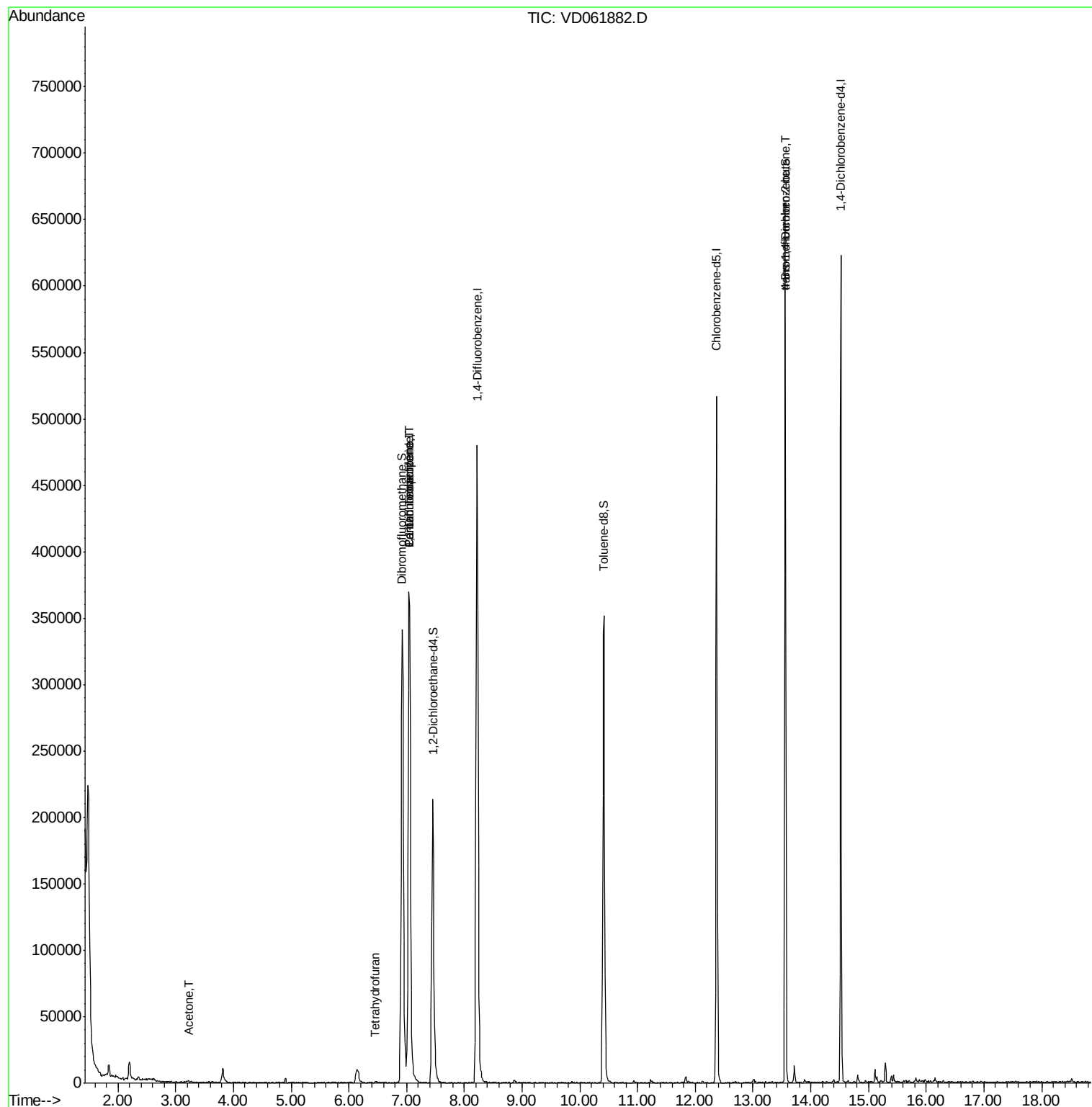
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	378131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	577027	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	314360	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	146636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	216058	68.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.36%	
35) Dibromofluoromethane	6.92	113	310127	71.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	142.28%	
50) Toluene-d8	10.42	98	312406	30.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	60.48%	
62) 4-Bromofluorobenzene	13.56	95	195140	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
Target Compounds						
5) Bromomethane	2.16	94	827	Below Cal	#	12
16) Acetone	3.22	43	2692	3.447 ug/l	#	50
20) Methylene Chloride	3.81	84	7617	Below Cal		97
29) Tetrahydrofuran	6.46	42	474	1.094 ug/l	#	30
36) 1,1-Dichloropropene	7.04	75	26677	5.658 ug/l	#	47
38) Carbon Tetrachloride	7.05	117	37148	6.239 ug/l	#	15
81) trans-1,4-Dichloro-2-buten	13.56	75	75449	116.169 ug/l	#	16

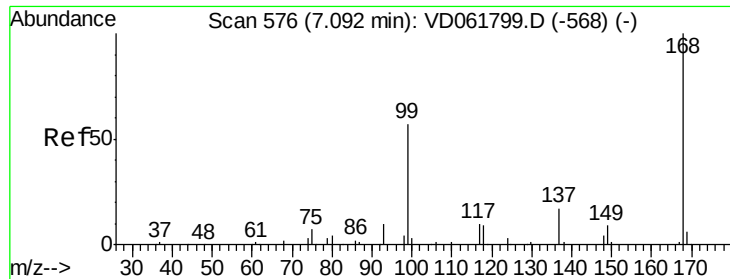
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041819\
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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

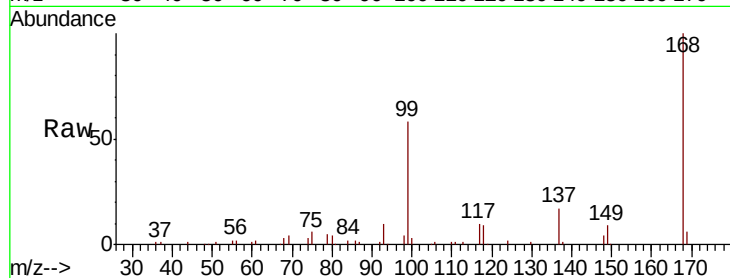
SU-01-041519-B

Tgt Ion: 168 Resp: 378131

Ion Ratio Lower Upper

168 100

99 57.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

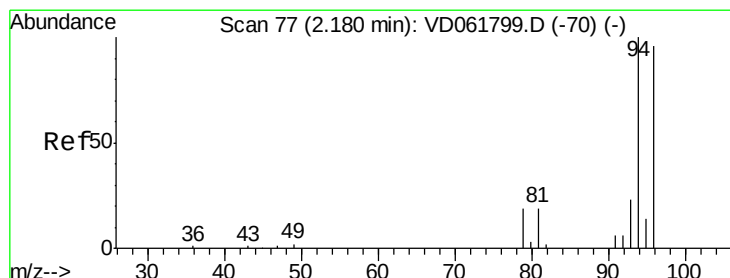
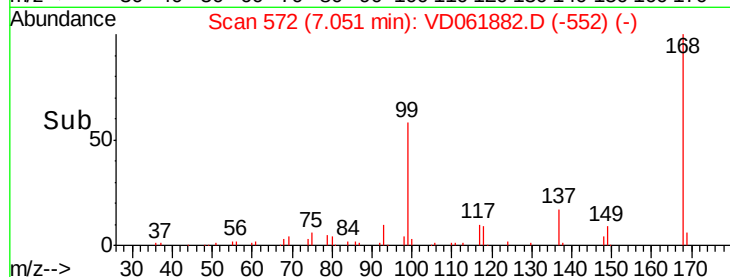
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

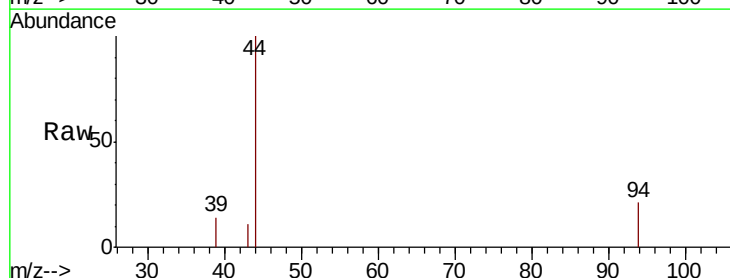
Tgt Ion: 94 Resp: 827

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

800

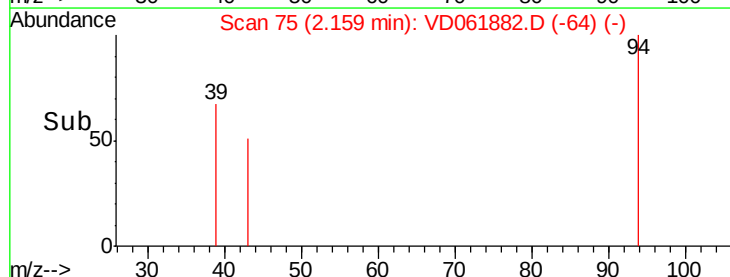
600

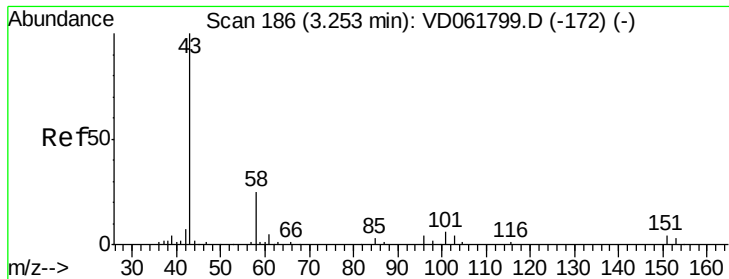
400

200

0

Time-->





#16

Acetone

Concen: 3.447 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

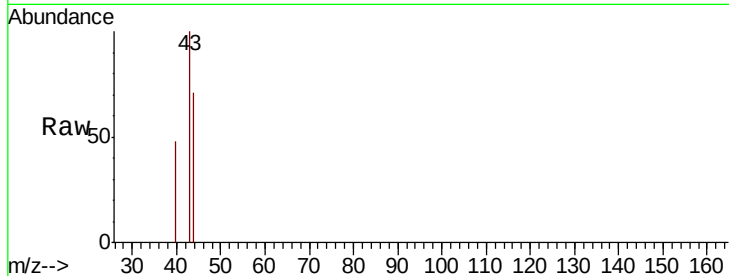
SU-01-041519-B

Tgt Ion: 43 Resp: 2692

Ion Ratio Lower Upper

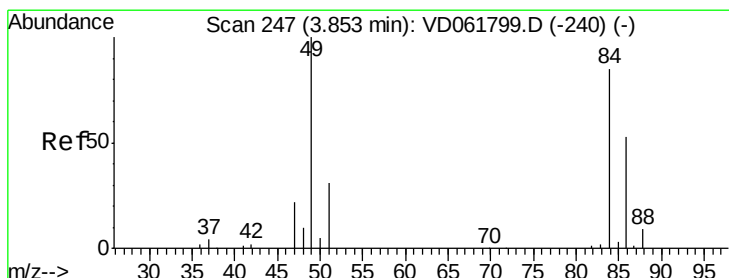
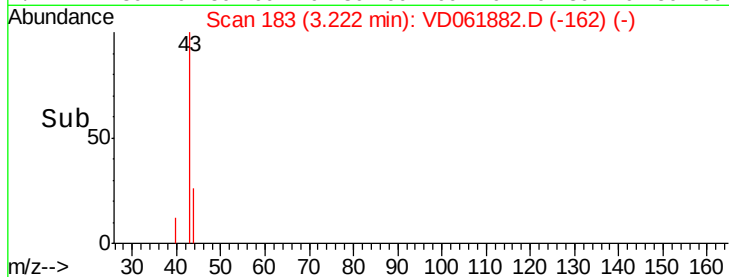
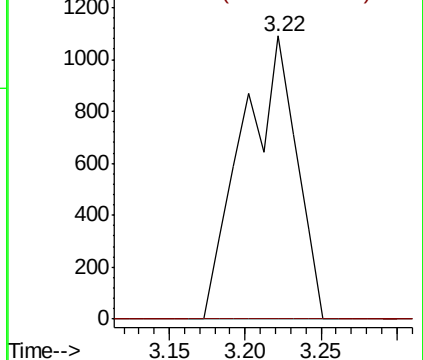
43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 3.81 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Tgt Ion: 84 Resp: 7617

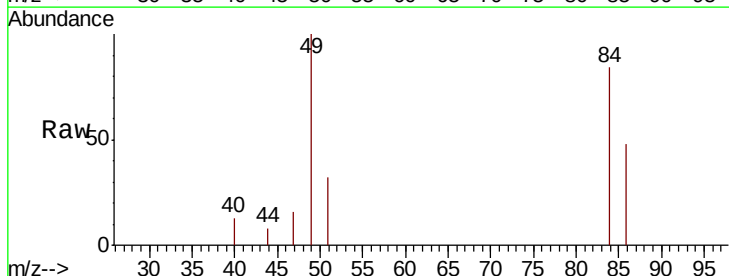
Ion Ratio Lower Upper

84 100

49 118.7 94.0 141.0

51 37.6 29.0 43.4

86 57.4 49.8 74.6

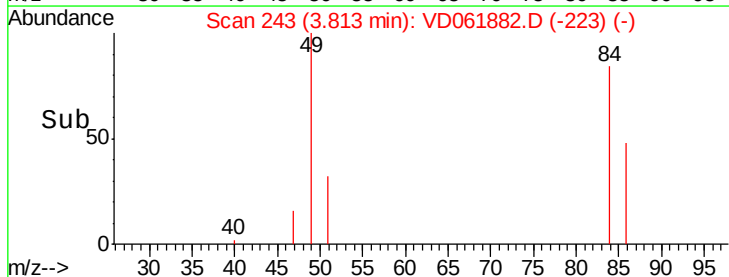
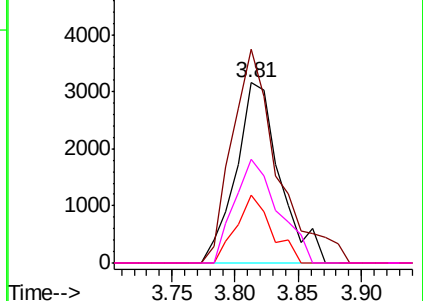


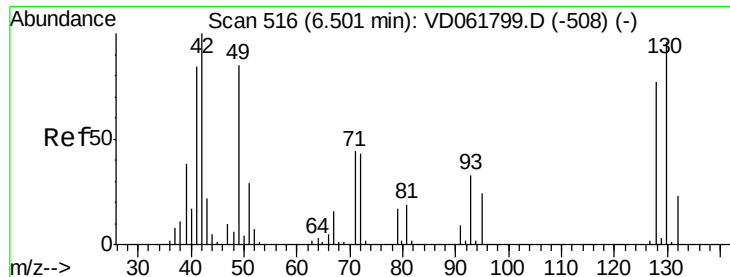
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#29

Tetrahydrofuran

Concen: 1.094 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.01 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

SU-01-041519-B

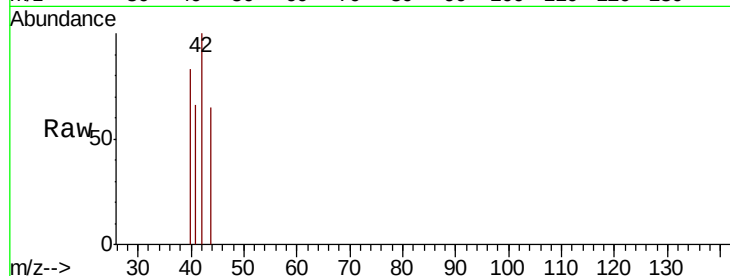
Tgt Ion: 42 Resp: 474

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 0.0 36.7 55.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

6.46

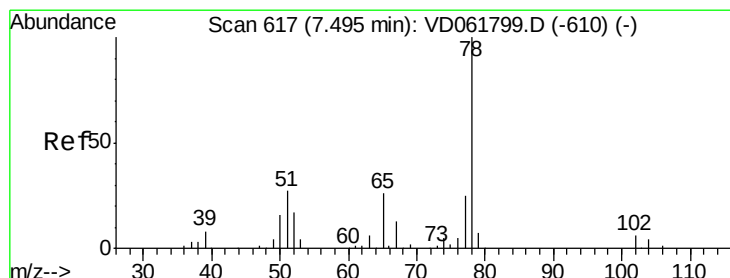
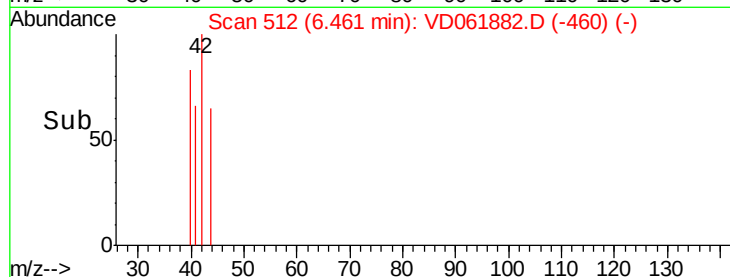
400

200

0

6.45 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD061882.D

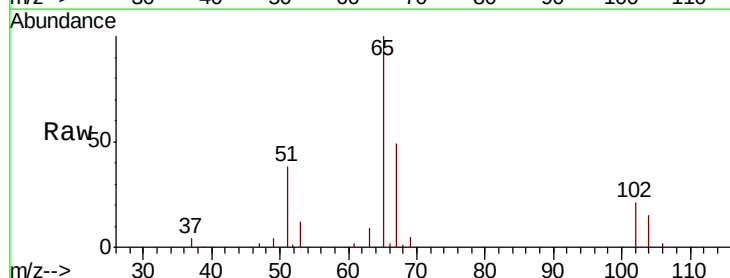
Acq: 18 Apr 2019 19:00

Tgt Ion: 65 Resp: 216058

Ion Ratio Lower Upper

65 100

67 48.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

60000

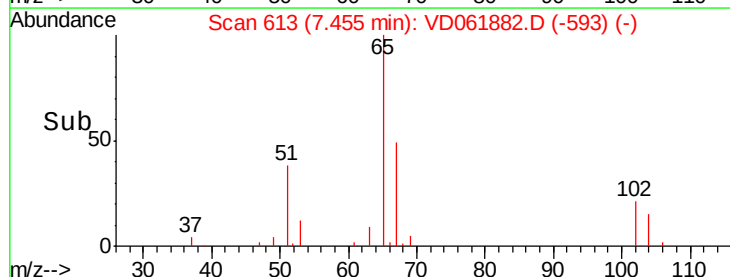
40000

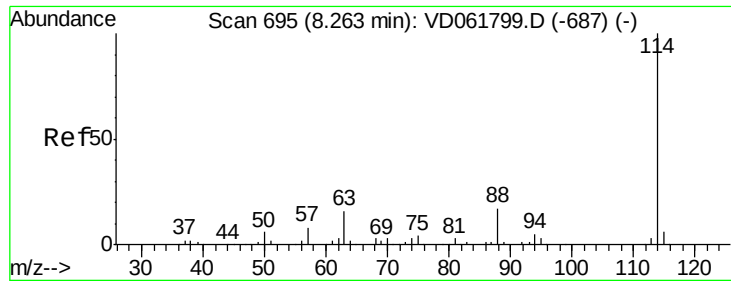
20000

0

7.30 7.40 7.50 7.60

Time-->

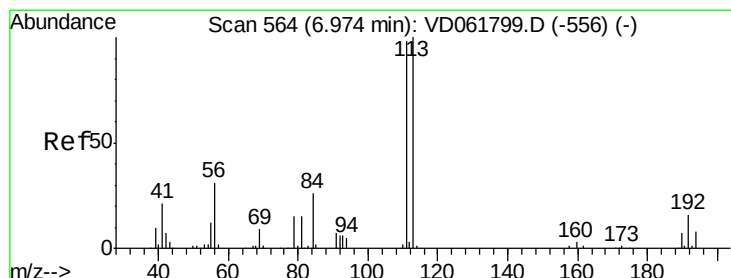
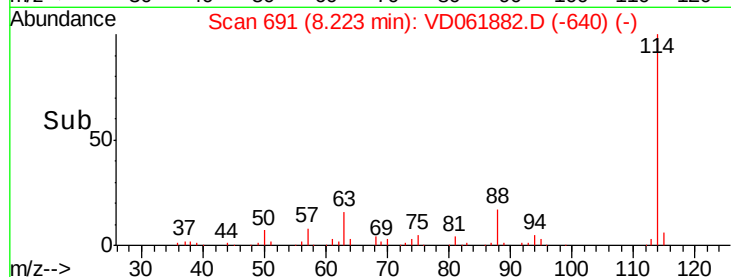
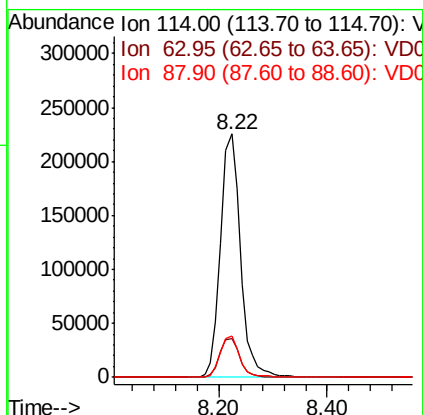
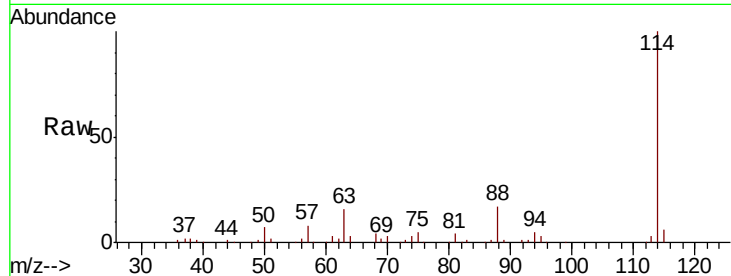




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

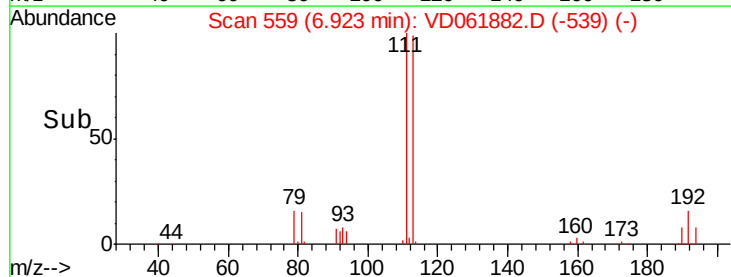
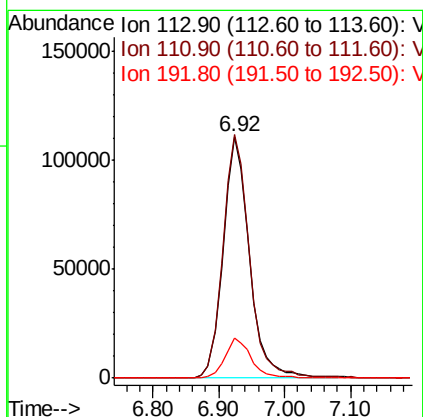
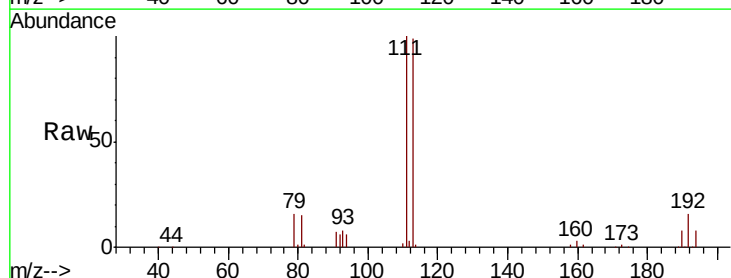
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-B

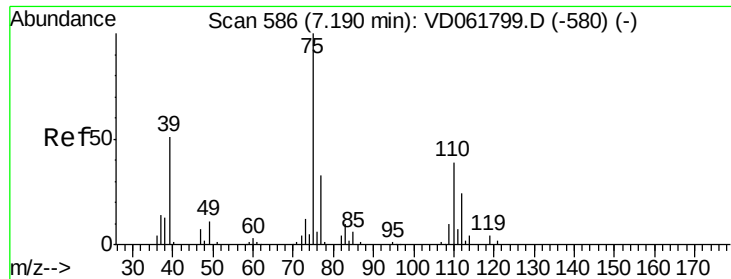
Tgt Ion:114 Resp: 577027
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 32.4
 88 17.1 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

Tgt Ion:113 Resp: 310127
 Ion Ratio Lower Upper
 113 100
 111 101.0 78.5 117.7
 192 16.5 13.0 19.4

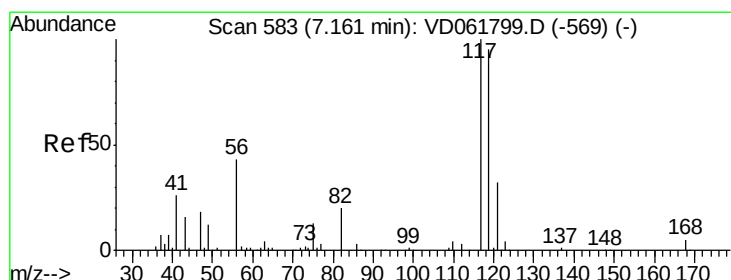
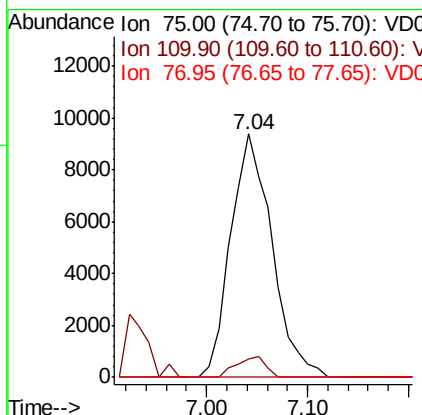
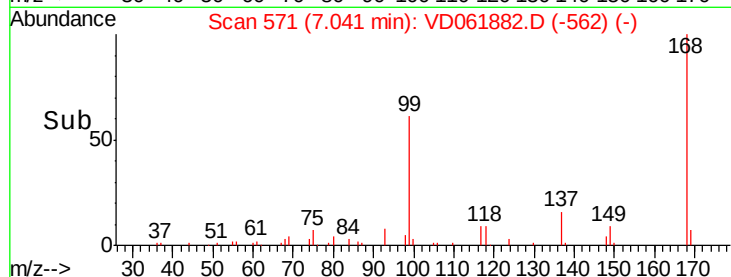
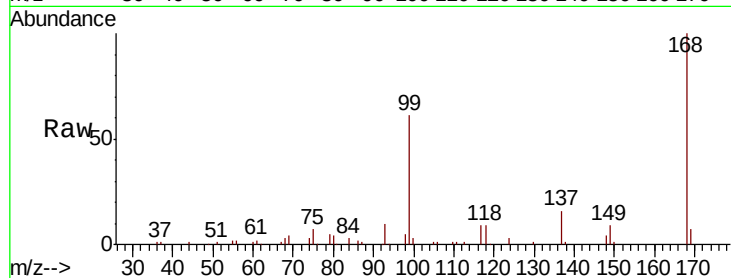




#36
 1,1-Dichloropropene
 Concen: 5.658 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.11 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

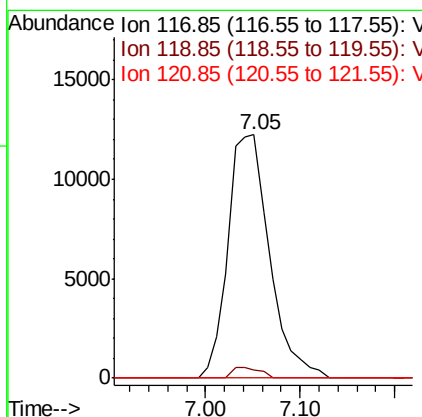
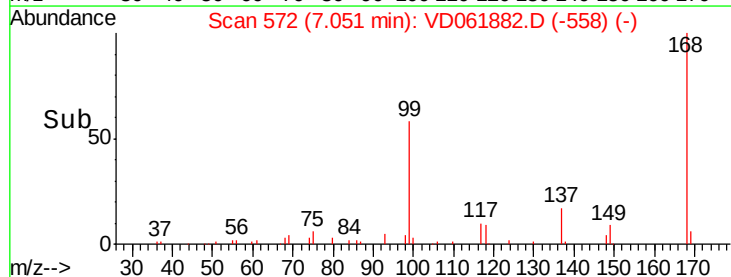
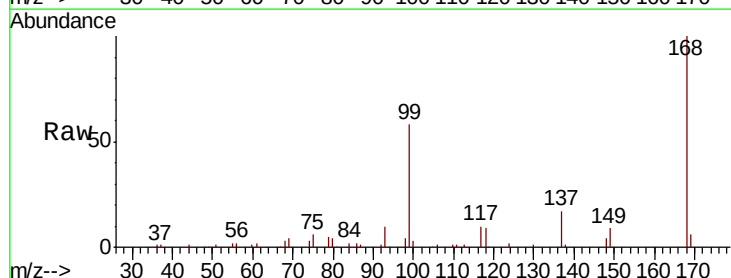
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-B

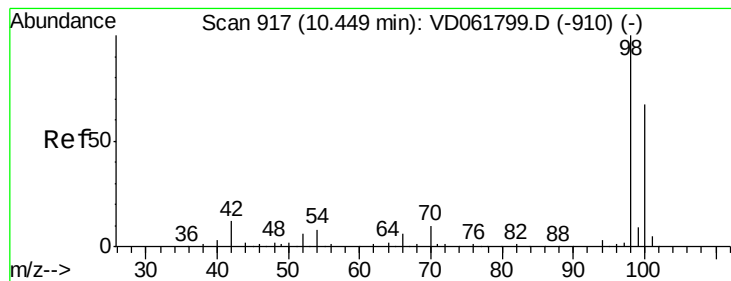
Tgt Ion: 75 Resp: 26677
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.239 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

Tgt Ion: 117 Resp: 37148
 Ion Ratio Lower Upper
 117 100
 119 3.1 75.8 113.8#
 121 0.0 25.9 38.9#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

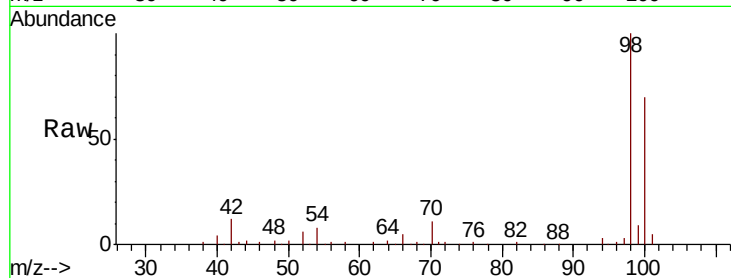
SU-01-041519-B

Tgt Ion: 98 Resp: 312406

Ion Ratio Lower Upper

98 100

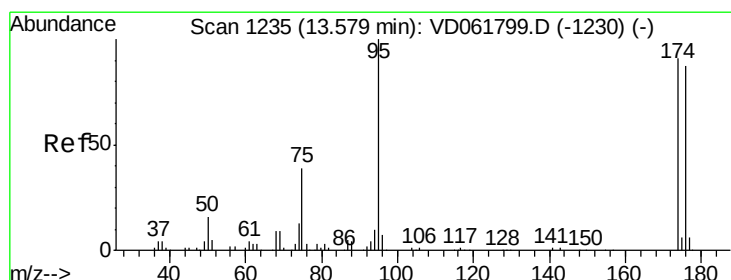
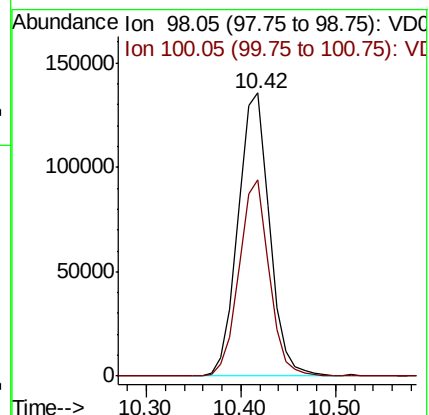
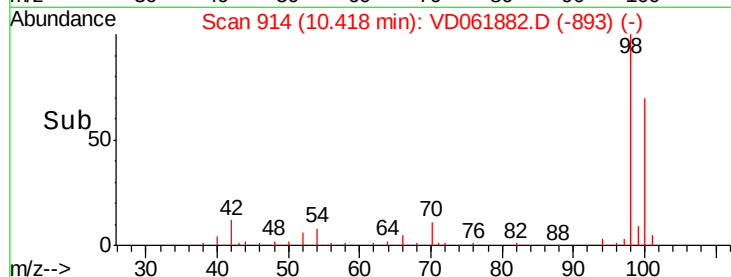
100 69.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.42



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

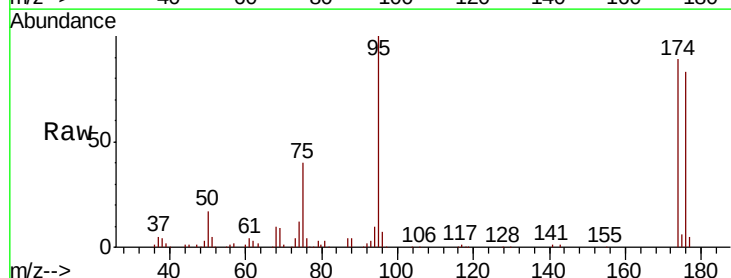
Tgt Ion: 95 Resp: 195140

Ion Ratio Lower Upper

95 100

174 89.2 0.0 181.8

176 83.5 0.0 174.4

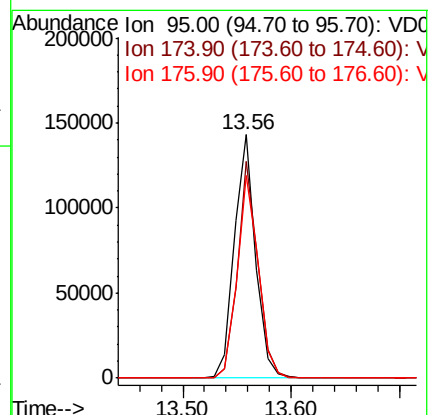
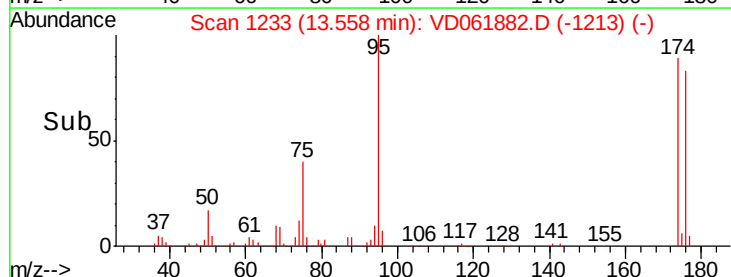


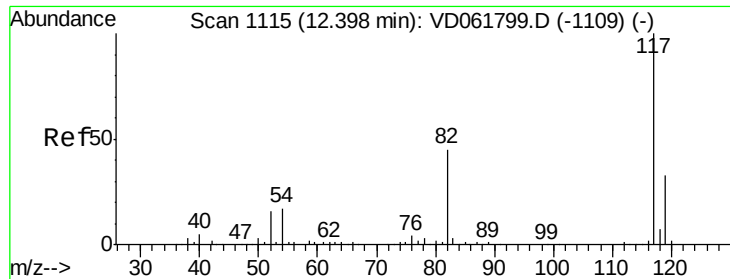
Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

13.56

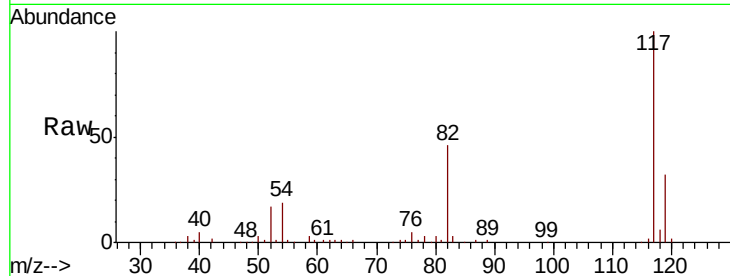




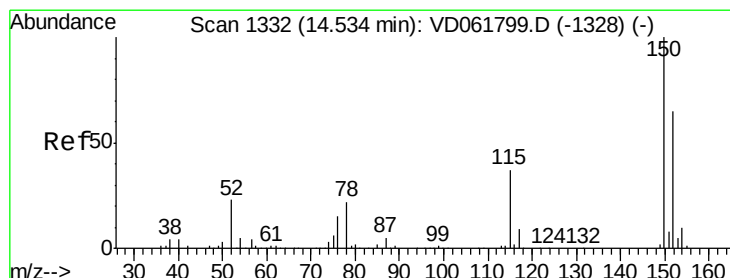
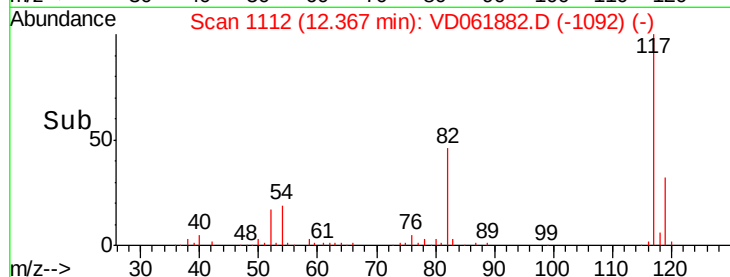
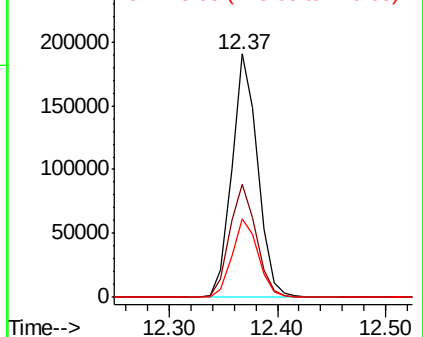
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-041519-B

Tgt Ion:117 Resp: 314360
 Ion Ratio Lower Upper
 117 100
 82 46.4 36.2 54.2
 119 32.1 26.2 39.4

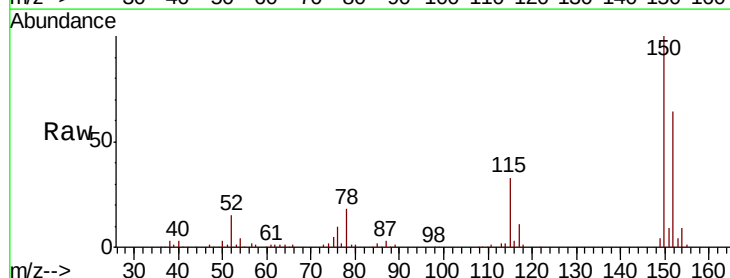


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

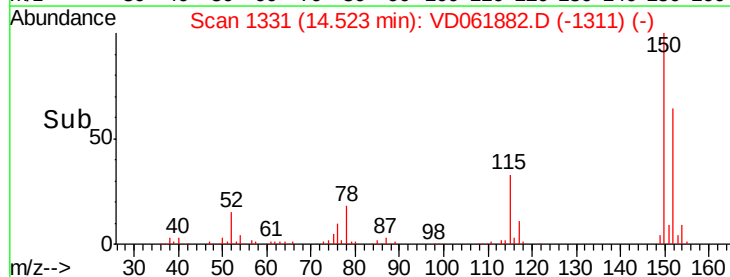
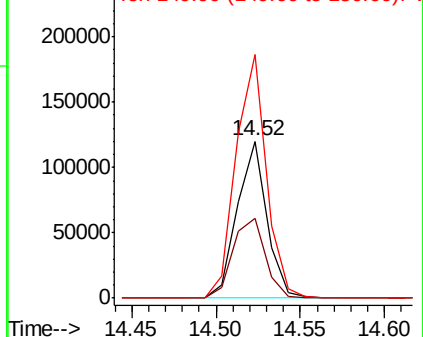


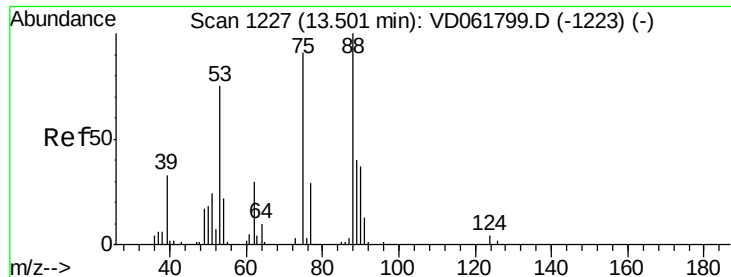
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: VD061882.D
 Acq: 18 Apr 2019 19:00

Tgt Ion:152 Resp: 146636
 Ion Ratio Lower Upper
 152 100
 115 51.2 30.9 92.7
 150 155.5 0.0 314.8



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: 116.169 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061882.D

Acq: 18 Apr 2019 19:00

Instrument :

MSVOA_D

ClientSampleId :

SU-01-041519-B

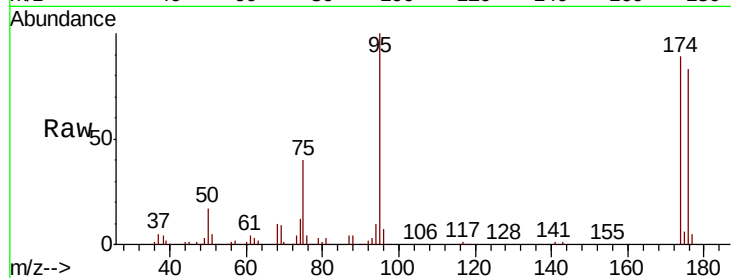
Tgt Ion: 75 Resp: 75449

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

