

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061886.D
 Acq On : 18 Apr 2019 20:57
 Operator : VA/AP
 Sample : K2453-01
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OILY-STONES

Quant Time: Apr 19 01:03:26 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	7.04	168	119038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	210306	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	190262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	80466	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	97107	97.34	ug/l	0.00
Spiked Amount			Recovery	=	194.68%	
35) Dibromofluoromethane	6.92	113	117608	74.02	ug/l	0.00
Spiked Amount			Recovery	=	148.04%	
50) Toluene-d8	10.41	98	209924	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
62) 4-Bromofluorobenzene	13.56	95	95233	62.41	ug/l	0.00
Spiked Amount			Recovery	=	124.82%	

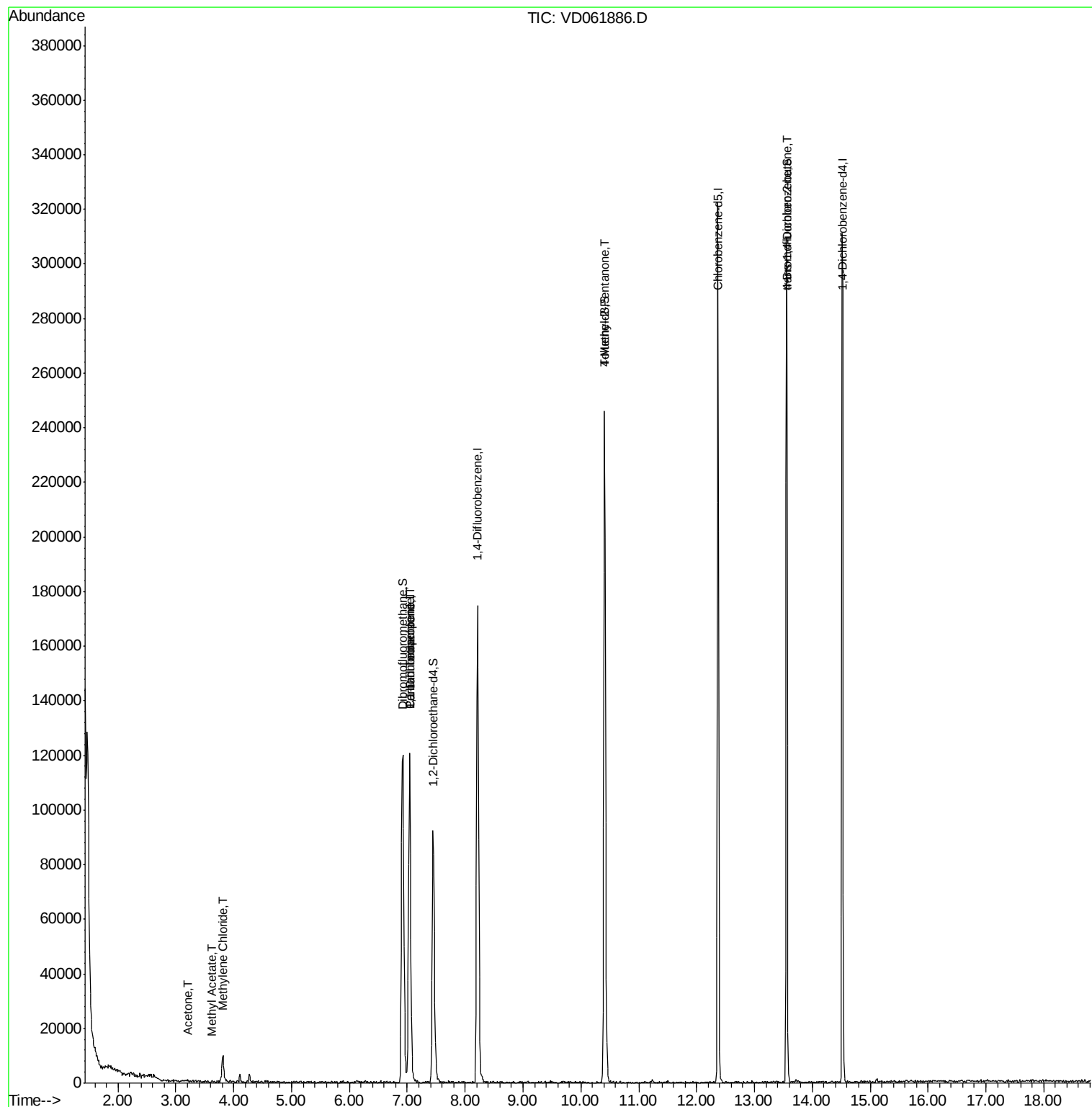
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.13	94	193	Below Cal	#	12
16) Acetone	3.20	43	715	2.908	ug/l #	50
18) Methyl Acetate	3.62	43	637	1.293	ug/l #	53
20) Methylene Chloride	3.81	84	6736	1.018	ug/l #	93
36) 1,1-Dichloropropene	7.03	75	7980	4.643	ug/l #	40
38) Carbon Tetrachloride	7.04	117	11050	5.092	ug/l #	12
51) 4-Methyl-2-Pentanone	10.41	43	833	1.316	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	35833	100.989	ug/l #	16

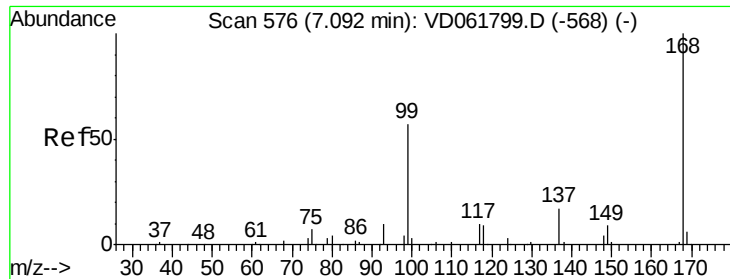
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
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: 7.04 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

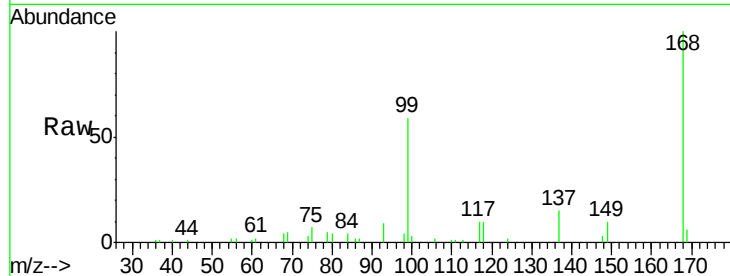
OILY-STONES

Tot Ion:168 Resp: 119038

Ion Ratio Lower Upper

168 100

99 58.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

40000

30000

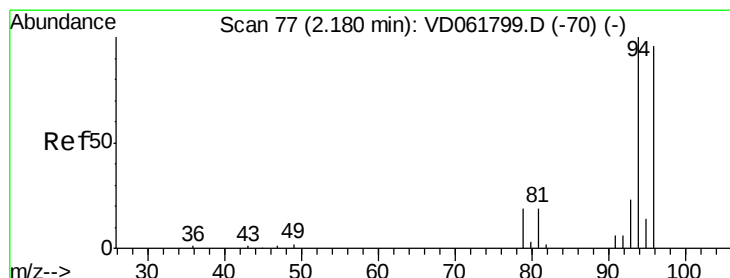
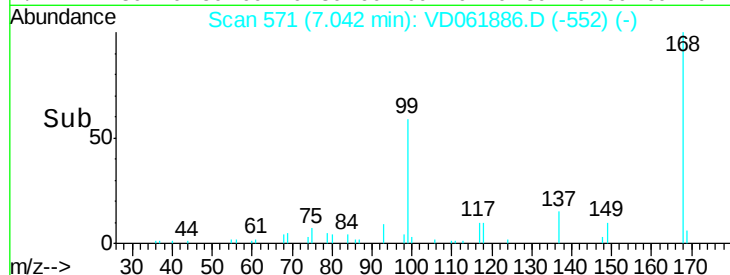
20000

10000

0

6.90 7.00 7.10 7.20

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.13 min Scan# 72

Delta R.T. -0.02 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

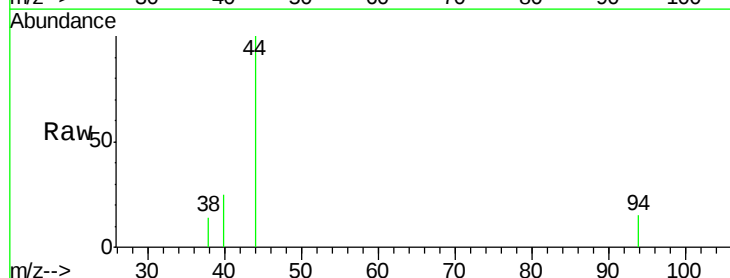
Tgt Ion: 94 Resp: 193

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

2.13

400

300

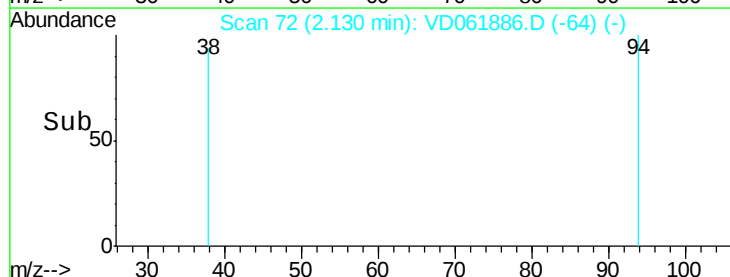
200

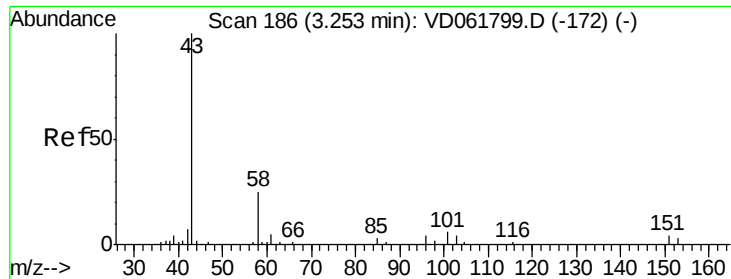
100

0

2.12 2.13 2.14

Time-->





#16

Acetone

Concen: 2.908 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

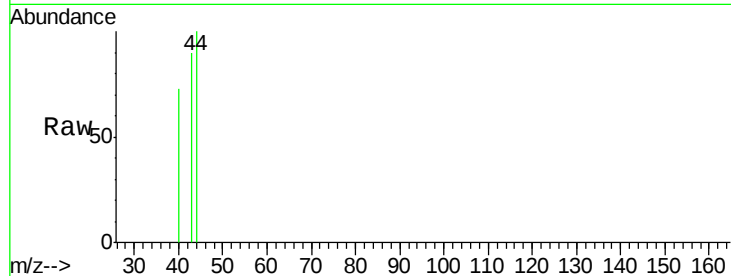
OILY-STONES

Tot Ion: 43 Resp: 715

Ion Ratio Lower Upper

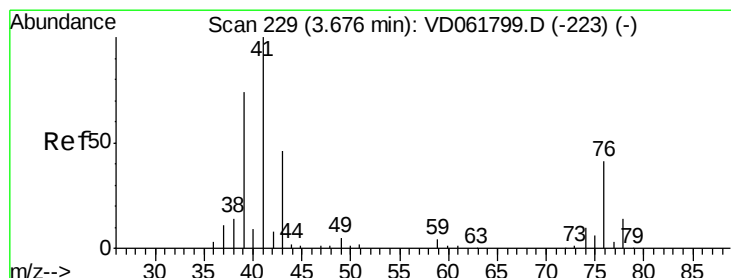
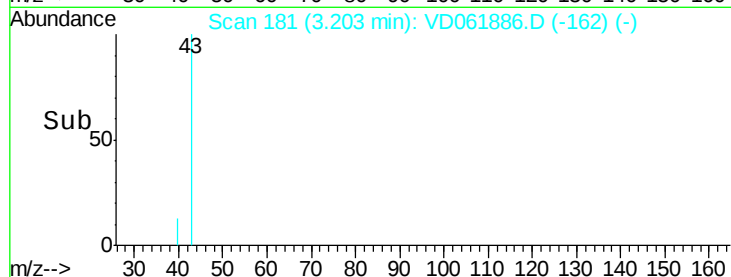
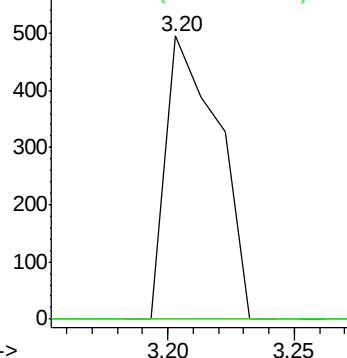
43 100

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



#18

Methyl Acetate

Concen: 1.293 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.02 min

Lab File: VD061886.D

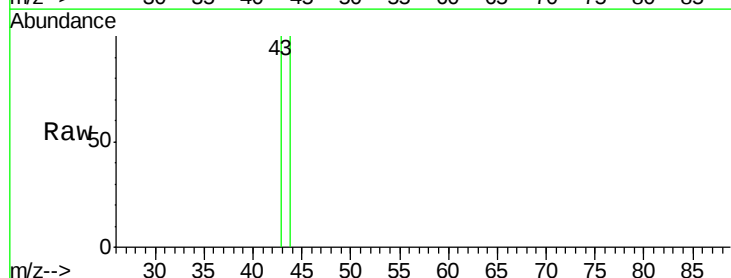
Acq: 18 Apr 2019 20:57

Tgt Ion: 43 Resp: 637

Ion Ratio Lower Upper

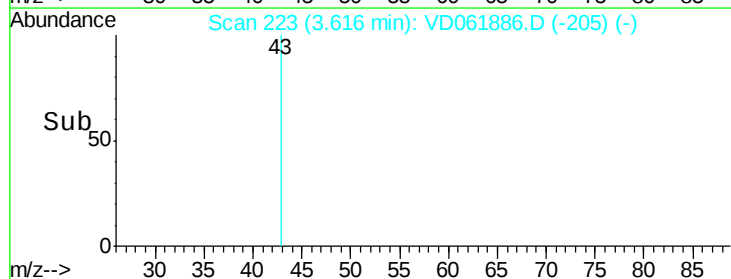
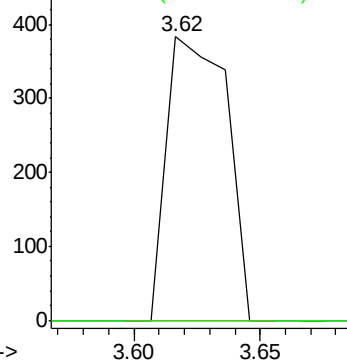
43 100

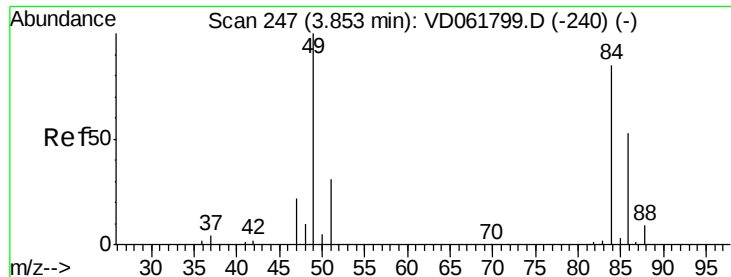
74 0.0 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

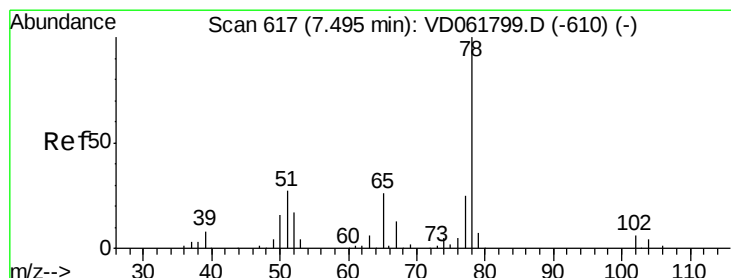
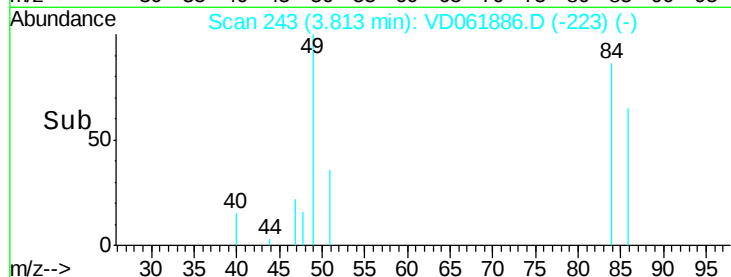
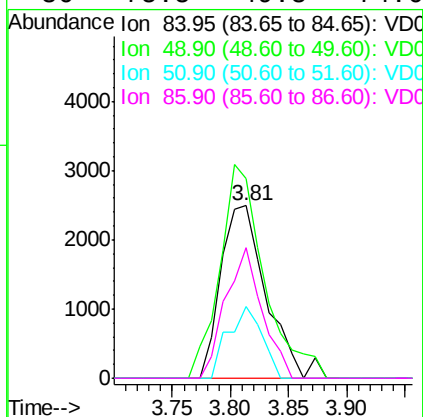
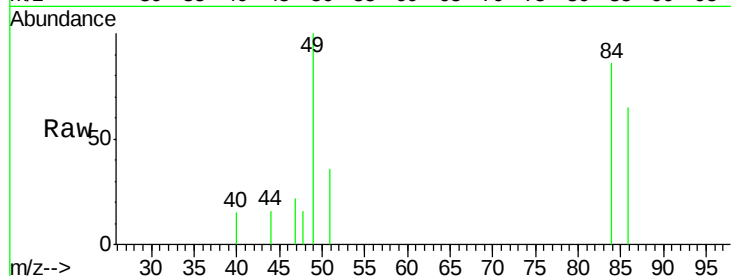




#20
Methylene Chloride
Concen: 1.018 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.00 min
Lab File: VD061886.D
Acq: 18 Apr 2019 20:57

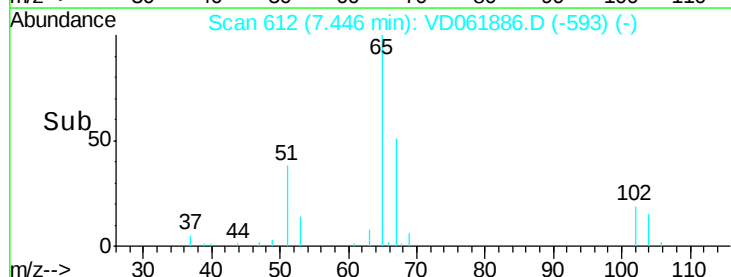
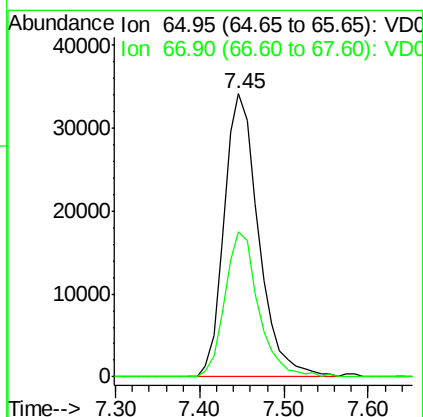
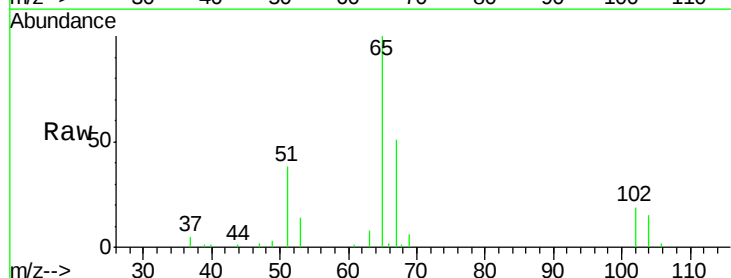
Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

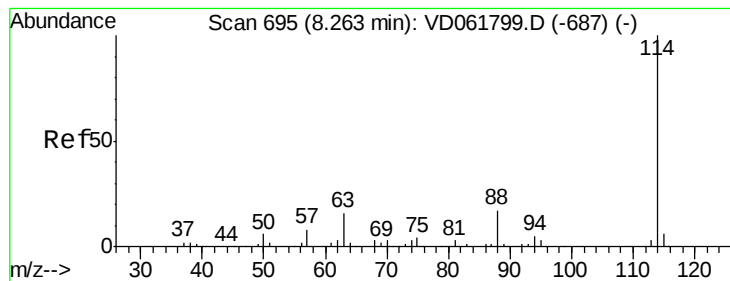
Tot Ion: 84 Resp: 6736
Ion Ratio Lower Upper
84 100
49 115.8 94.0 141.0
51 42.0 29.0 43.4
86 75.5 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061886.D
Acq: 18 Apr 2019 20:57

Tgt Ion: 65 Resp: 97107
Ion Ratio Lower Upper
65 100
67 51.5 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

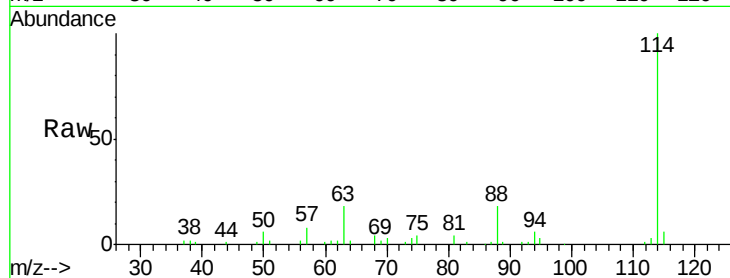
Tot Ion:114 Resp: 210306

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

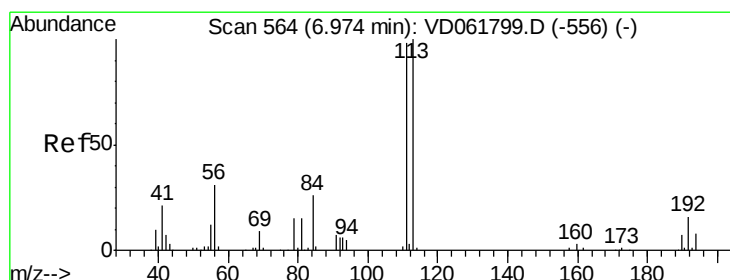
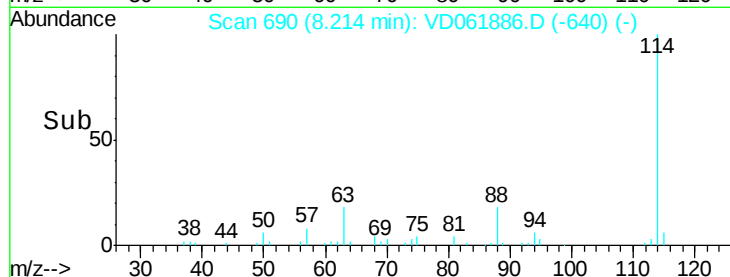
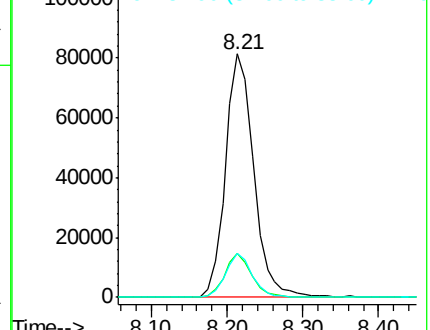
88 18.3 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

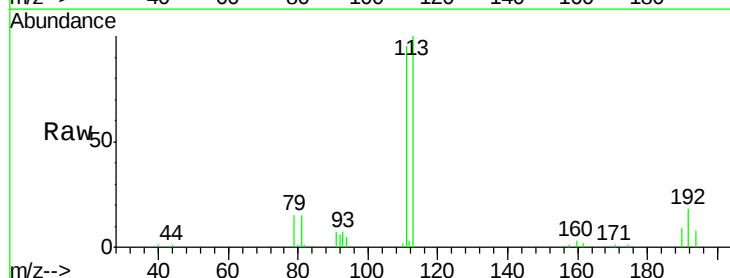
Tgt Ion:113 Resp: 117608

Ion Ratio Lower Upper

113 100

111 95.4 78.5 117.7

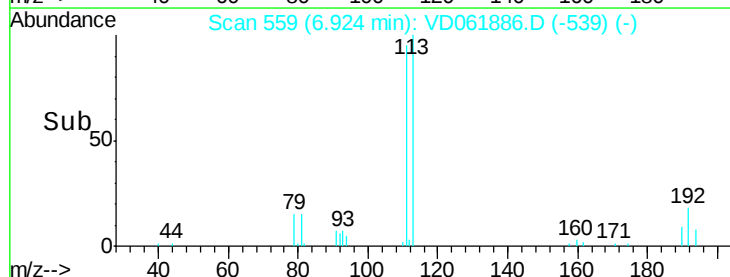
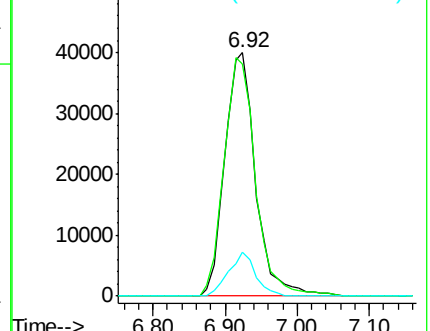
192 18.0 13.0 19.4

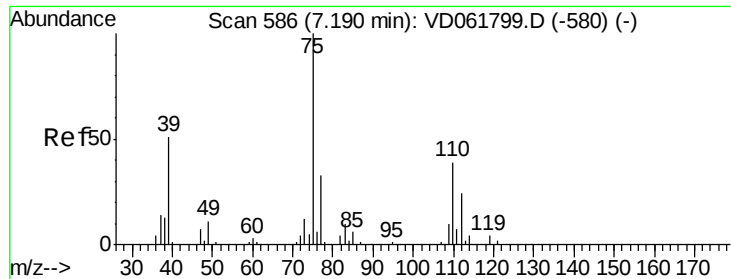


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

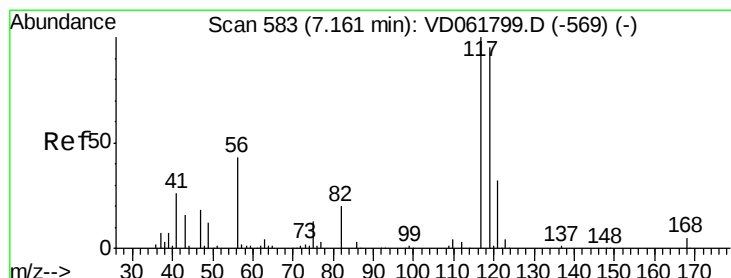
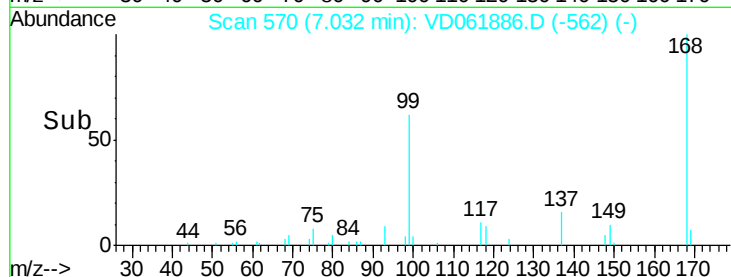
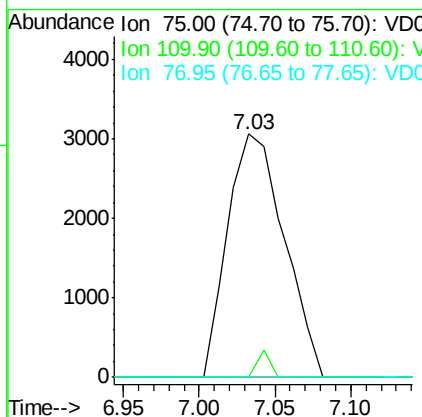
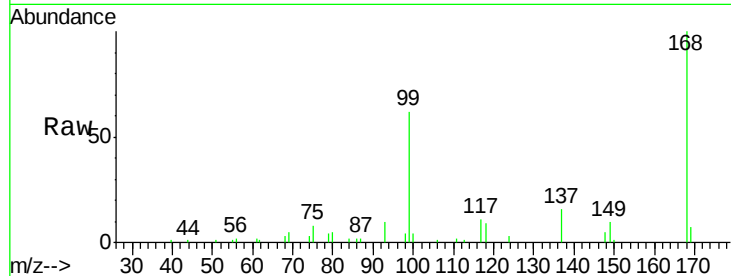




#36
 1,1-Dichloropropene
 Concen: 4.643 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.12 min
 Lab File: VD061886.D
 Acq: 18 Apr 2019 20:57

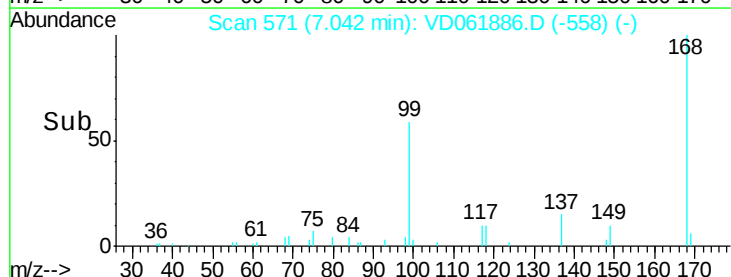
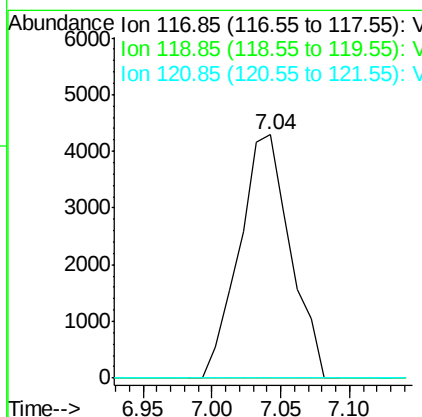
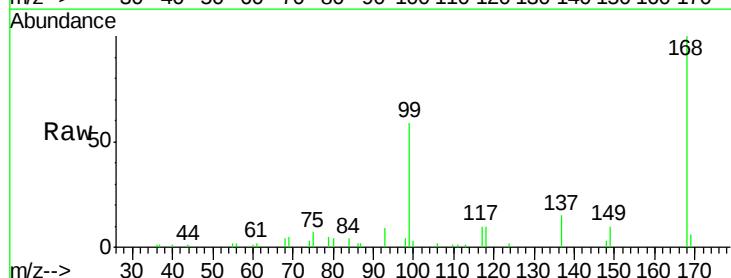
Instrument :
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 OILY-STONES

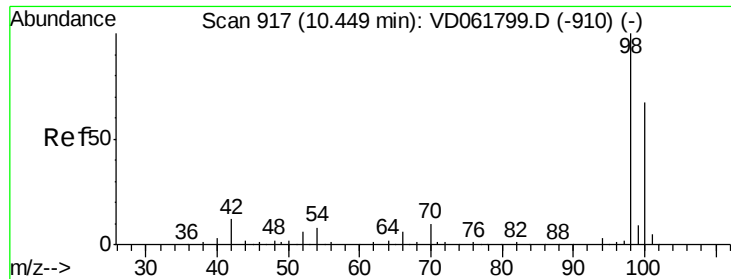
Tot Ion: 75 Resp: 7980
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 5.092 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061886.D
 Acq: 18 Apr 2019 20:57

Tgt Ion: 117 Resp: 11050
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.8 113.8#
 121 0.0 25.9 38.9#

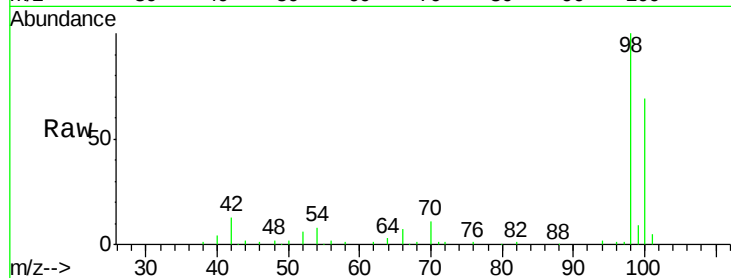




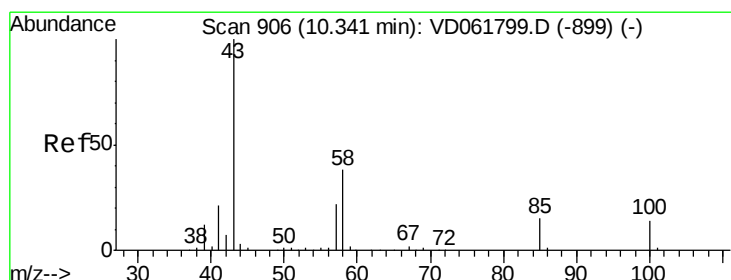
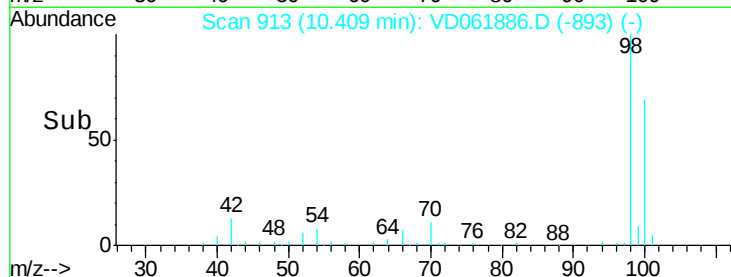
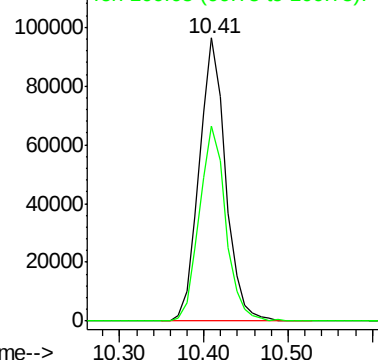
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061886.D
Acq: 18 Apr 2019 20:57

Instrument :
MSVOA_D
ClientSampleId :
OILY-STONES

Tot Ion: 98 Resp: 209924
Ion Ratio Lower Upper
98 100
100 68.9 53.8 80.8

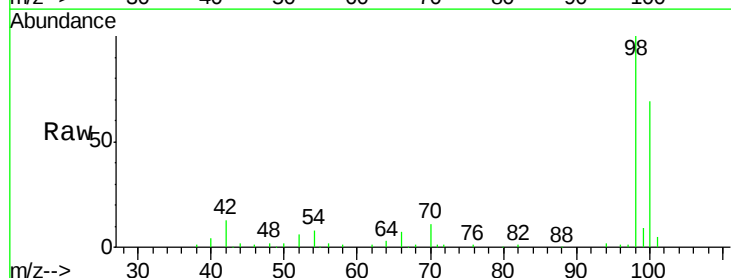


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

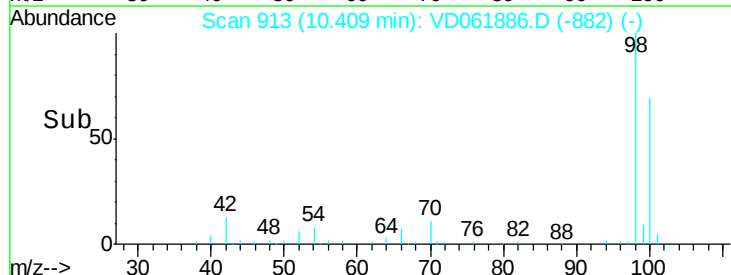
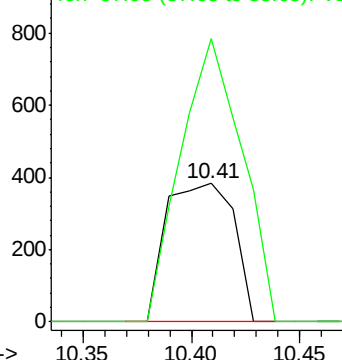


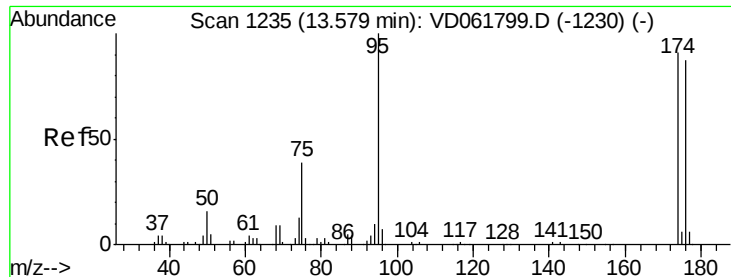
#51
4-Methyl-2-Pentanone
Concen: 1.316 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.11 min
Lab File: VD061886.D
Acq: 18 Apr 2019 20:57

Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 204.7 30.4 45.6#



Abundance Ion 42.95 (42.65 to 43.65): VD061799.D (-899) (-)
Ion 57.95 (57.65 to 58.65): VD061799.D (-899) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

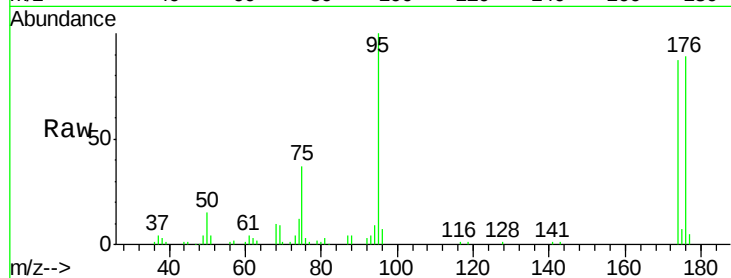
Tot Ion: 95 Resp: 95233

Ion Ratio Lower Upper

95 100

174 87.3 0.0 181.8

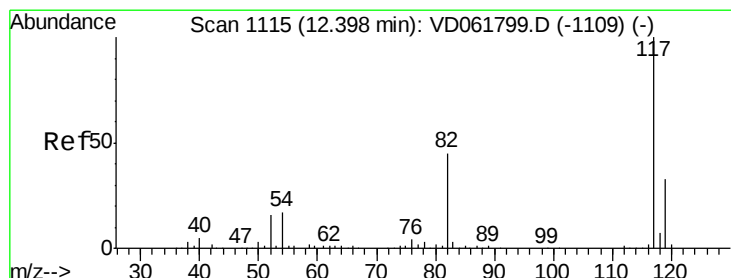
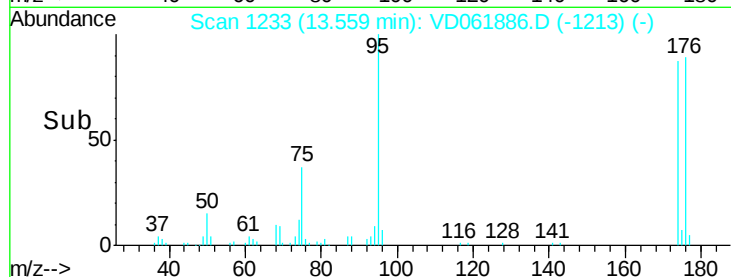
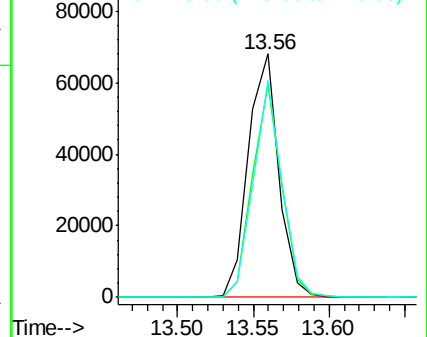
176 88.9 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

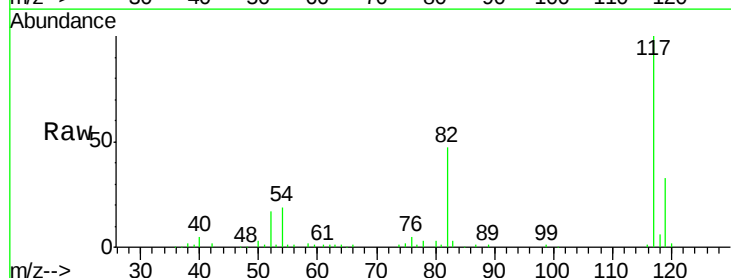
Tgt Ion: 117 Resp: 190262

Ion Ratio Lower Upper

117 100

82 46.5 36.2 54.2

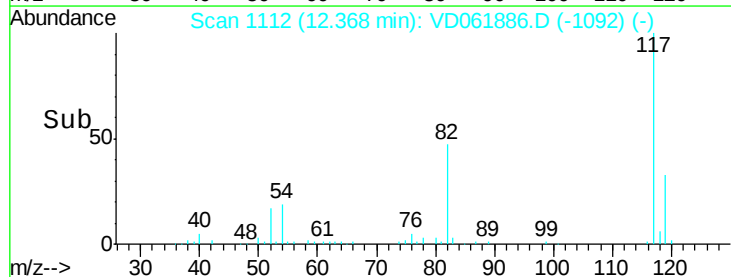
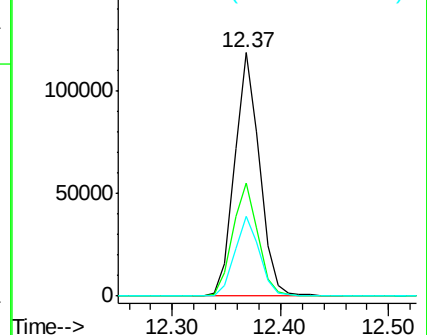
119 32.8 26.2 39.4

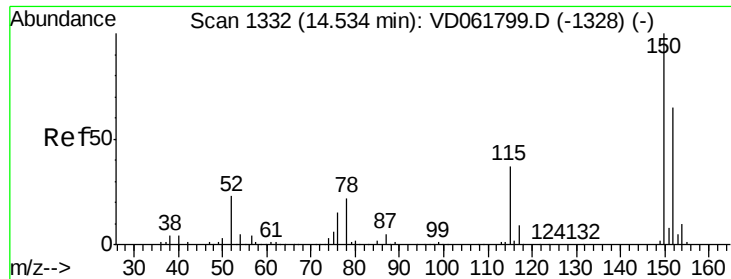


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD061886.D

Acq: 18 Apr 2019 20:57

Instrument :

MSVOA_D

ClientSampleId :

OILY-STONES

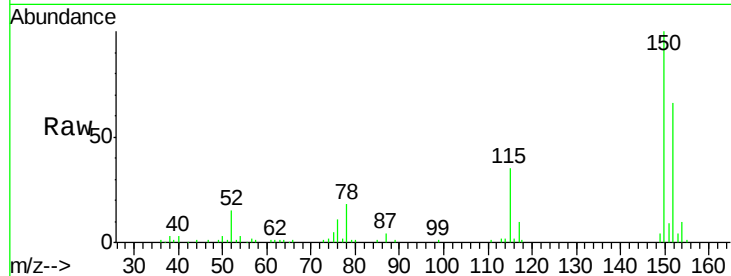
Tot Ion:152 Resp: 80466

Ion Ratio Lower Upper

152 100

115 52.7 30.9 92.7

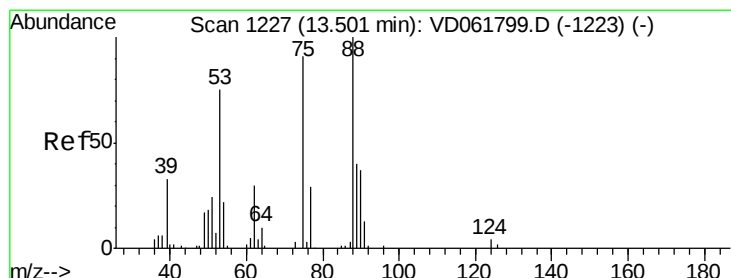
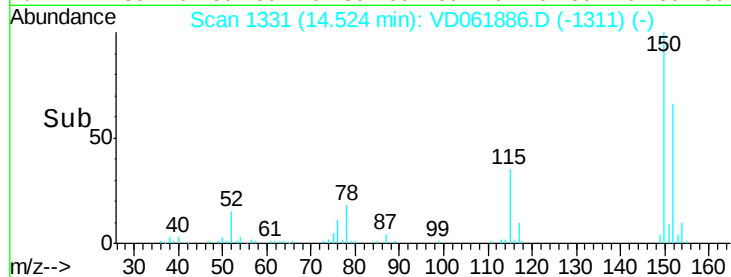
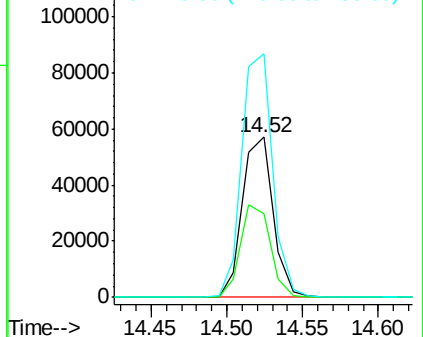
150 152.4 0.0 314.8



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: 100.989 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD061886.D

Acq: 18 Apr 2019 20:57

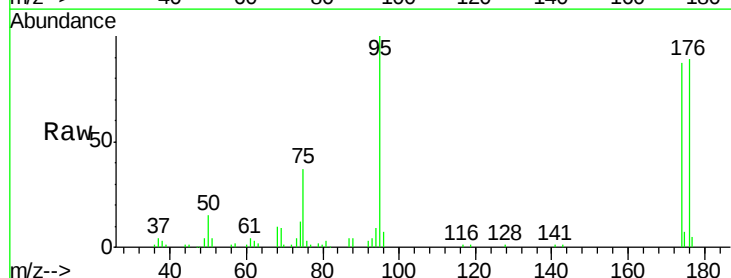
Tgt Ion: 75 Resp: 35833

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

