

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
 Data File : VD061846.D
 Acq On : 17 Apr 2019 11:58
 Operator : VA/AP
 Sample : VD0417SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBL01

Quant Time: Apr 17 12:22:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	627250	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	978886	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.36	117	766473	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	361934	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	298296	56.74	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	113.48%	
35) Dibromofluoromethane	6.92	113	436227	58.99	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	117.98%	
50) Toluene-d8	10.40	98	1053939	60.15	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	120.30%	
62) 4-Bromofluorobenzene	13.55	95	379510	53.43	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	106.86%	

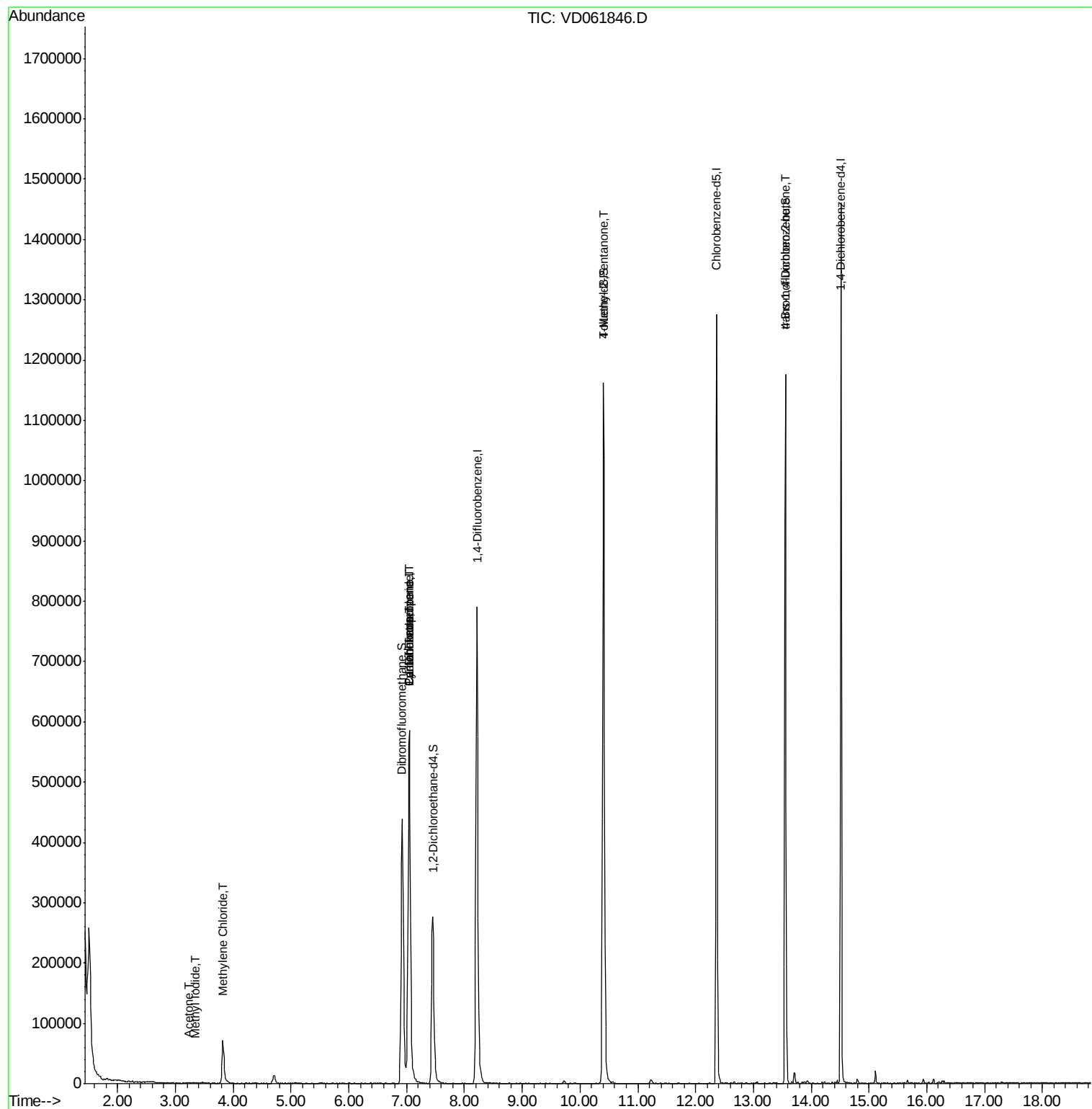
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.17	94	936	Below Cal	#	12
10) Methyl Iodide	3.34	142	1975	3.679	ug/l #	37
16) Acetone	3.22	43	2244	1.732	ug/l #	50
20) Methylene Chloride	3.82	84	52578	3.938	ug/l #	96
31) Cyclohexane	7.05	56	11443	1.437	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	47471	5.935	ug/l #	47
38) Carbon Tetrachloride	7.05	117	60149	5.955	ug/l #	16
51) 4-Methyl-2-Pentanone	10.41	43	4634	1.573	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	142932	89.934	ug/l #	16

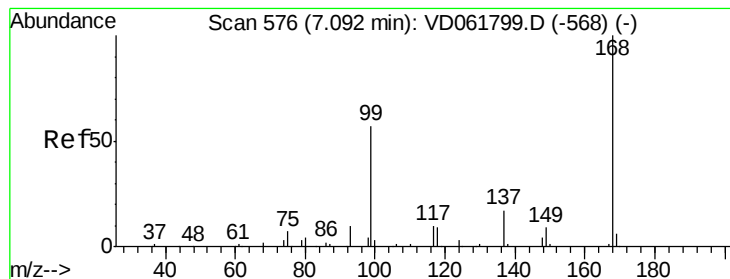
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD041719\
Data File : VD061846.D
Acq On : 17 Apr 2019 11:58
Operator : VA/AP
Sample : VD0417SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Quant Time: Apr 17 12:22:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.04 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

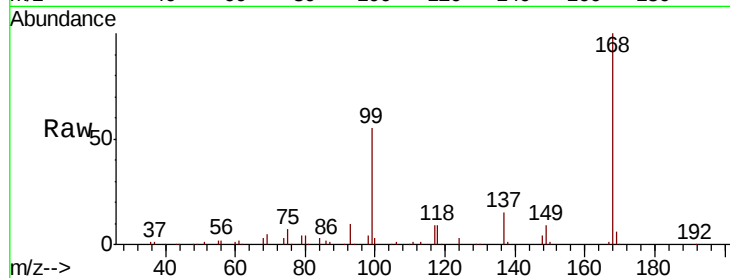
VD0417SBL01

Tgt Ion:168 Resp: 627250

Ion Ratio Lower Upper

168 100

99 55.0 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

250000

200000

150000

100000

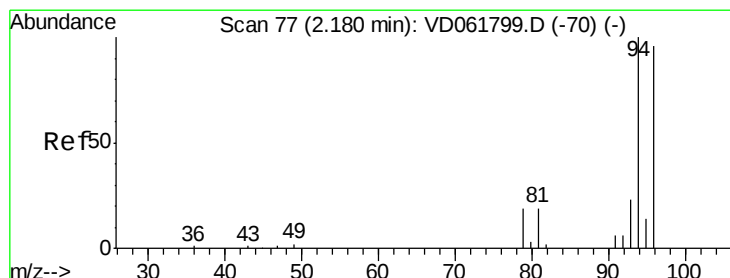
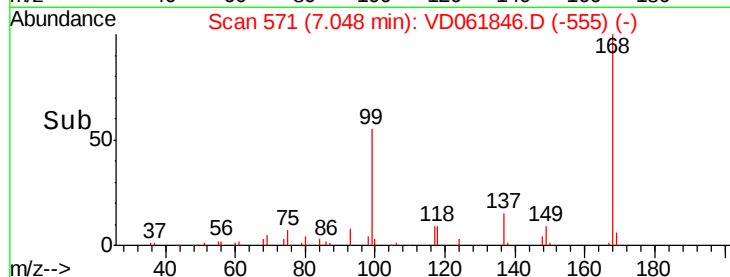
50000

0

Time-->

7.00

7.20



#5

Bromomethane

Concen: Below Cal

RT: 2.17 min Scan# 76

Delta R.T. -0.00 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

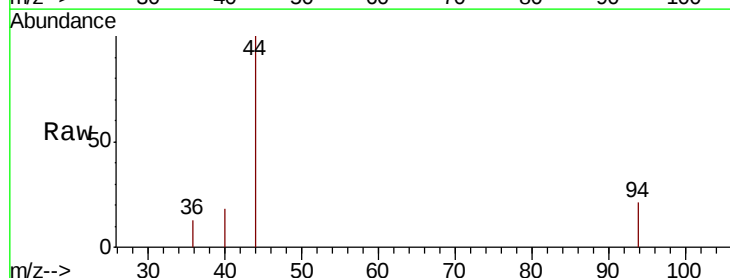
Tgt Ion: 94 Resp: 936

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

600

400

200

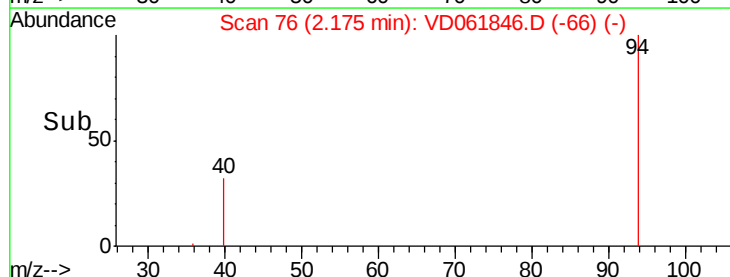
0

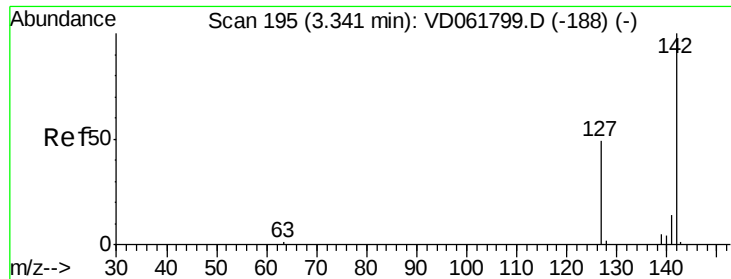
Time-->

2.10

2.15

2.20

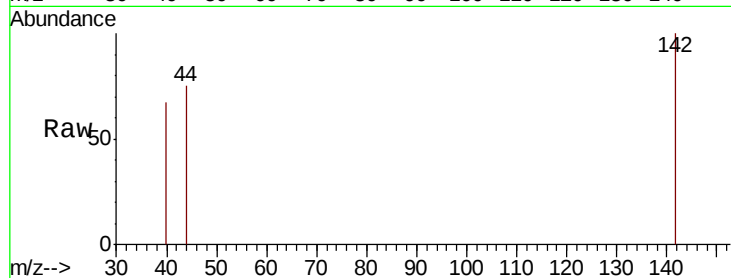




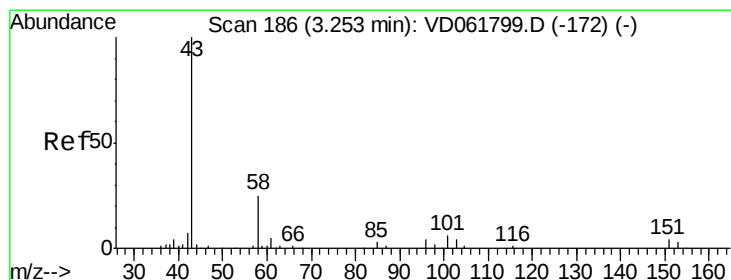
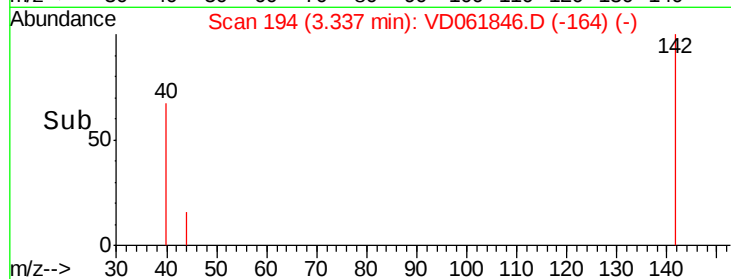
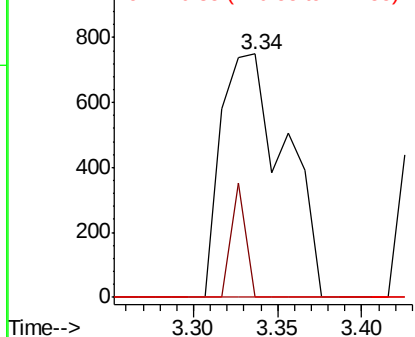
#10
Methyl Iodide
Concen: 3.679 ug/l
RT: 3.34 min Scan# 194
Delta R.T. -0.00 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Tgt Ion: 142 Resp: 1975
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

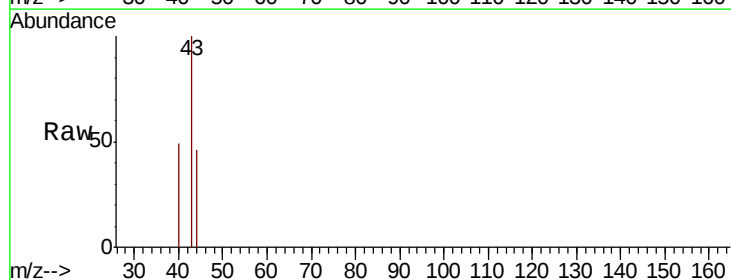


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

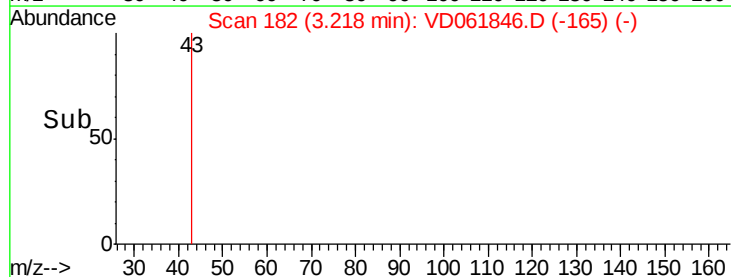
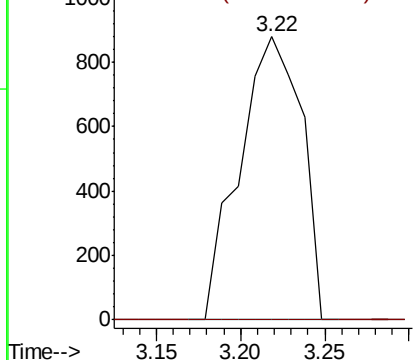


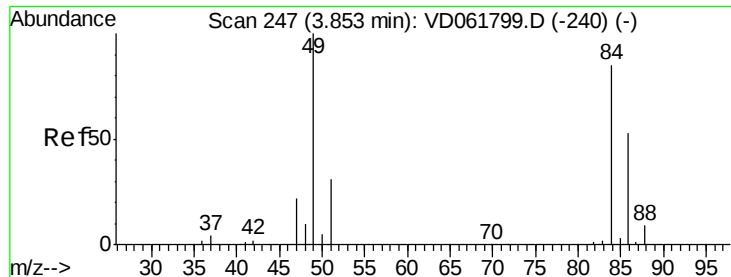
#16
Acetone
Concen: 1.732 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.03 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Tgt Ion: 43 Resp: 2244
Ion Ratio Lower Upper
43 100
58 0.0 19.9 29.9#



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

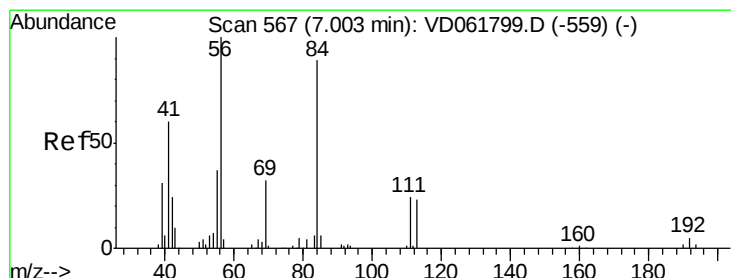
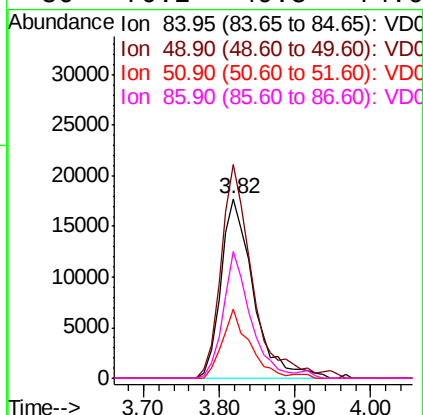
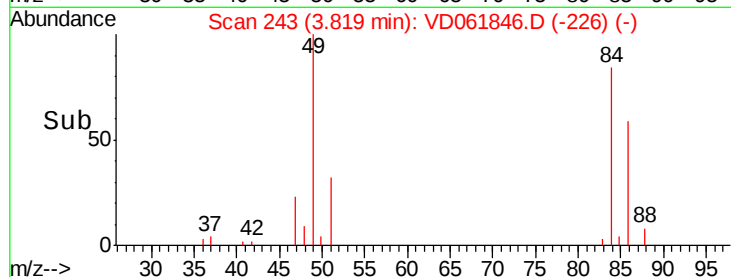
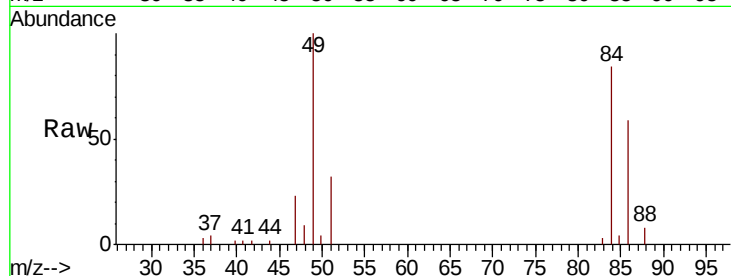




#20
Methylene Chloride
Concen: 3.938 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.03 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

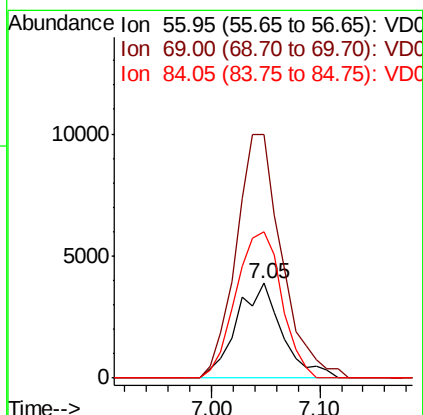
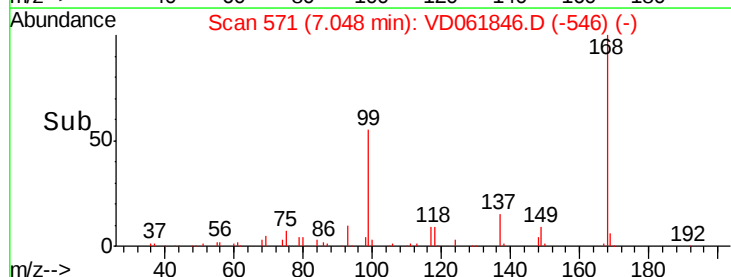
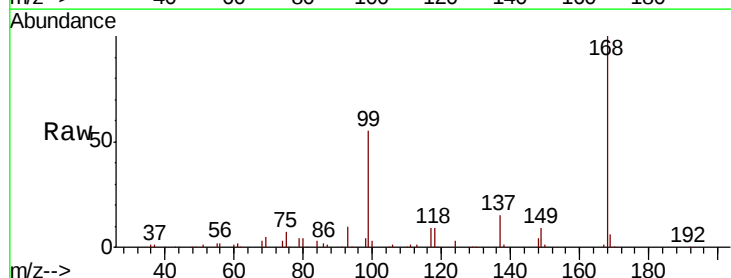
Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

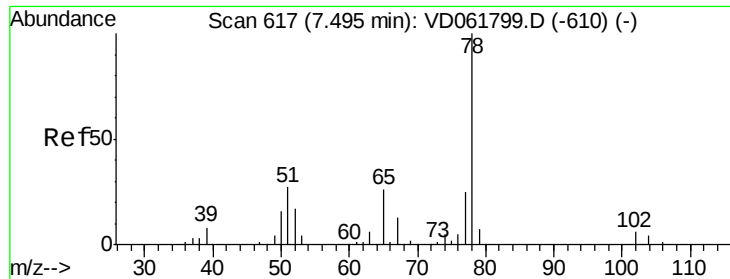
Tgt Ion: 84 Resp: 52578
Ion Ratio Lower Upper
84 100
49 118.8 94.0 141.0
51 38.3 29.0 43.4
86 70.2 49.8 74.6



#31
Cyclohexane
Concen: 1.437 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.04 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Tgt Ion: 56 Resp: 11443
Ion Ratio Lower Upper
56 100
69 257.1 25.8 38.6#
84 154.8 72.2 108.4#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.04 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

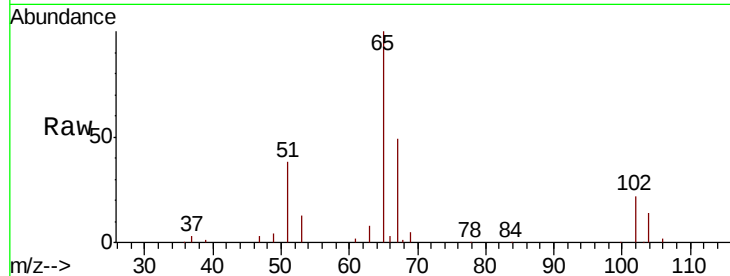
VD0417SBL01

Tgt Ion: 65 Resp: 298296

Ion Ratio Lower Upper

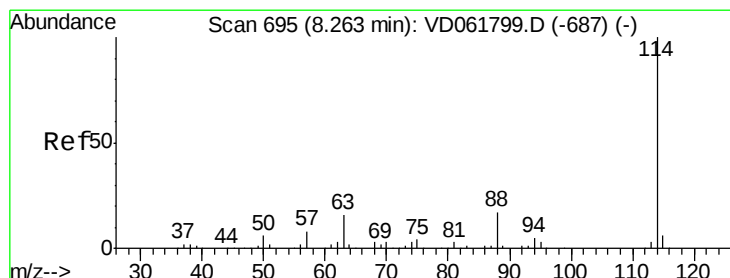
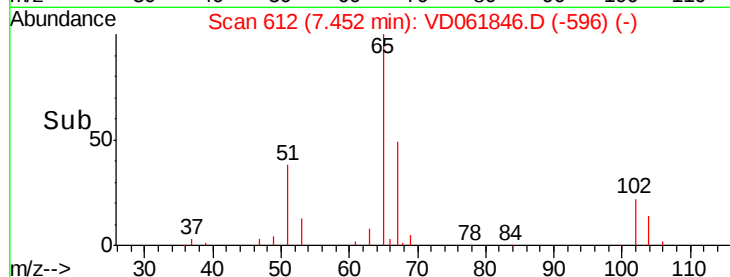
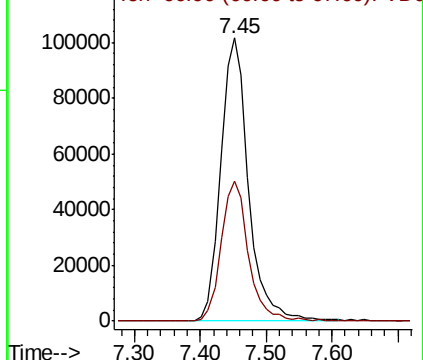
65 100

67 49.5 0.0 98.0



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: 8.22 min Scan# 690

Delta R.T. -0.04 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

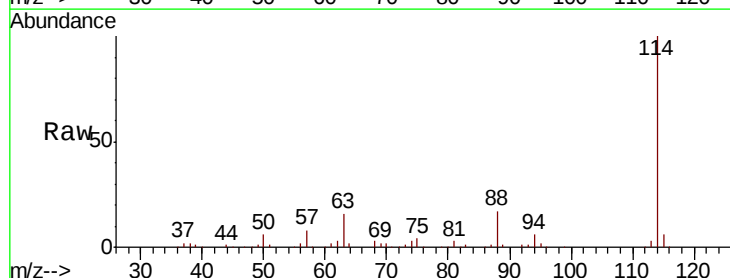
Tgt Ion: 114 Resp: 978886

Ion Ratio Lower Upper

114 100

63 16.3 0.0 32.4

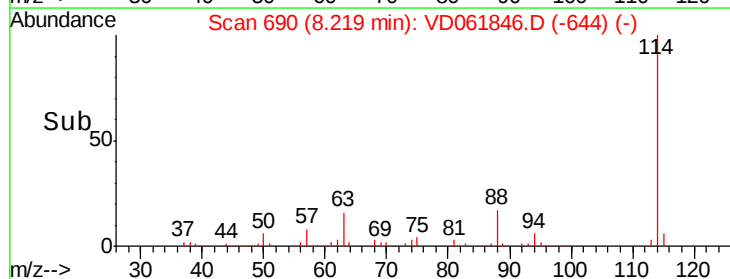
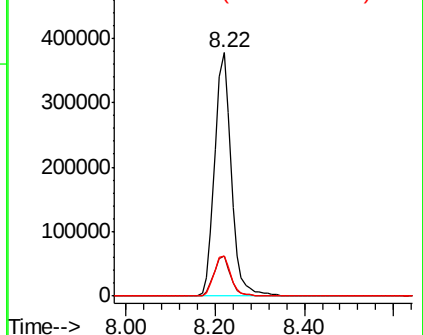
88 16.7 0.0 33.6

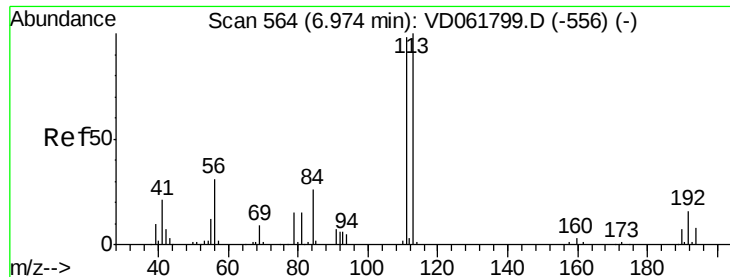


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

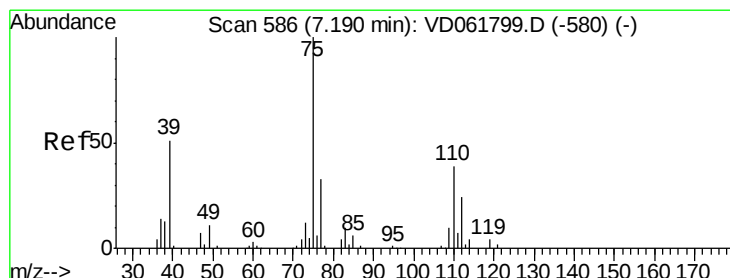
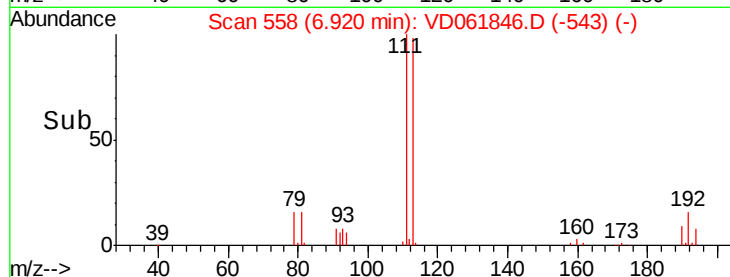
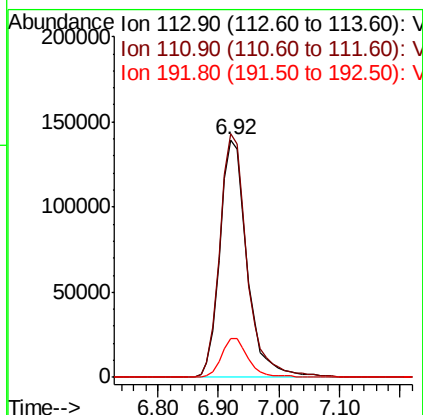
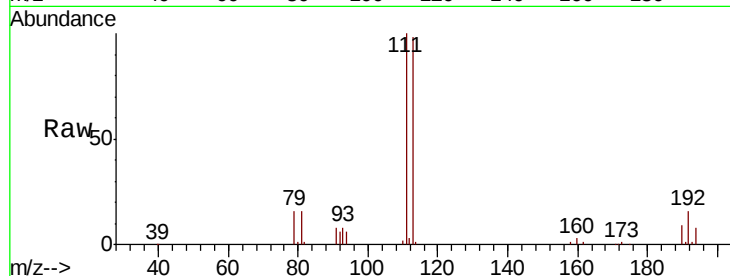




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: VD061846.D
 Acq: 17 Apr 2019 11:58

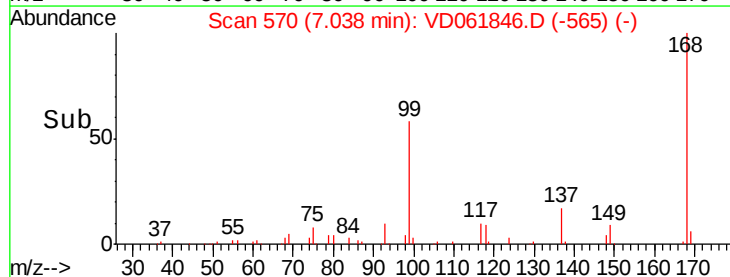
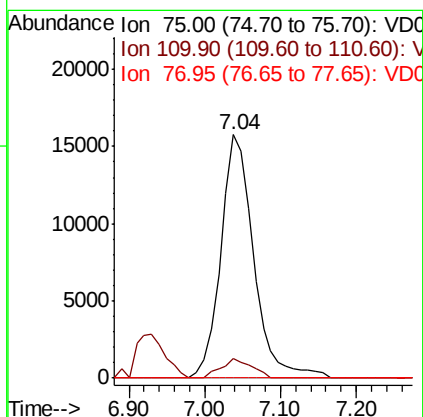
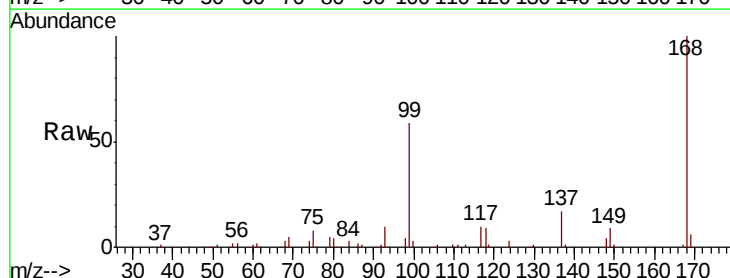
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0417SBL01

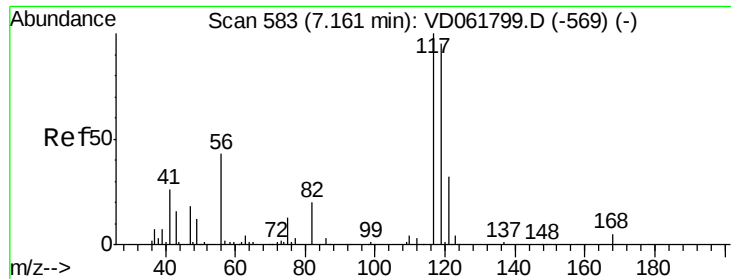
Tgt Ion: 113 Resp: 436227
 Ion Ratio Lower Upper
 113 100
 111 102.4 78.5 117.7
 192 16.4 13.0 19.4



#36
 1,1-Dichloropropene
 Concen: 5.935 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.15 min
 Lab File: VD061846.D
 Acq: 17 Apr 2019 11:58

Tgt Ion: 75 Resp: 47471
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.1 57.1#
 77 0.0 25.6 38.4#

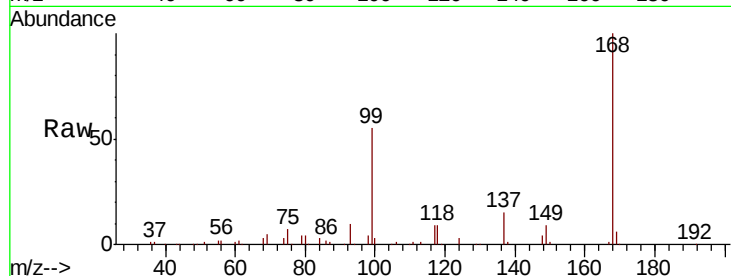




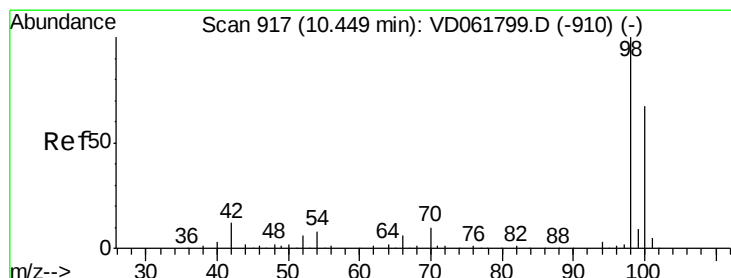
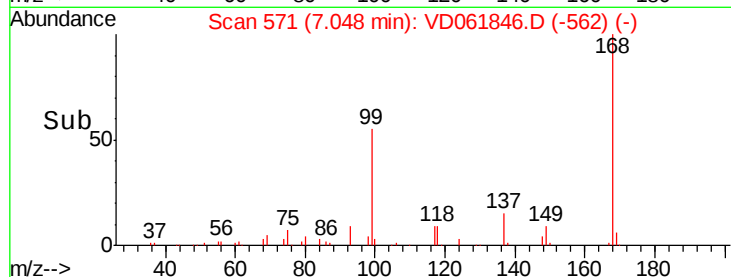
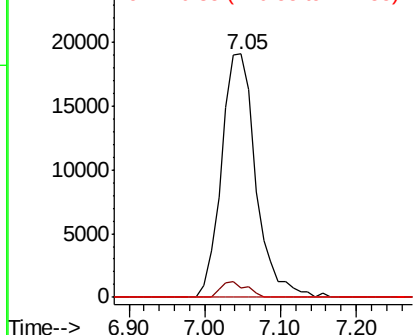
#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.11 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Tgt Ion:117 Resp: 60149
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.8#
121 0.0 25.9 38.9#

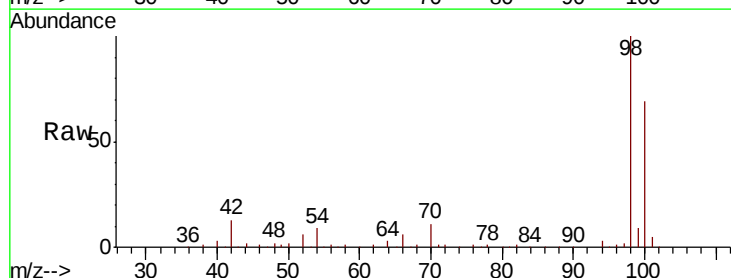


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

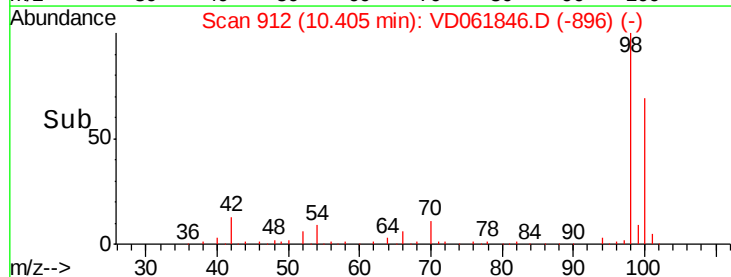
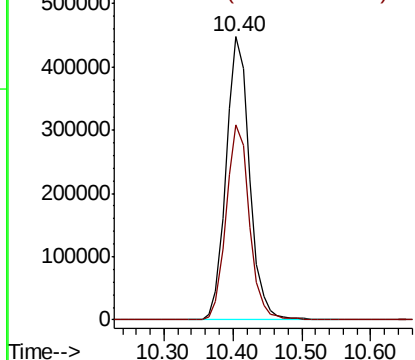


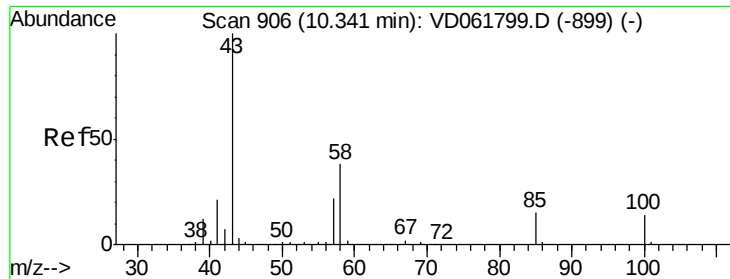
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.04 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Tgt Ion: 98 Resp: 1053939
Ion Ratio Lower Upper
98 100
100 68.8 53.8 80.8



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

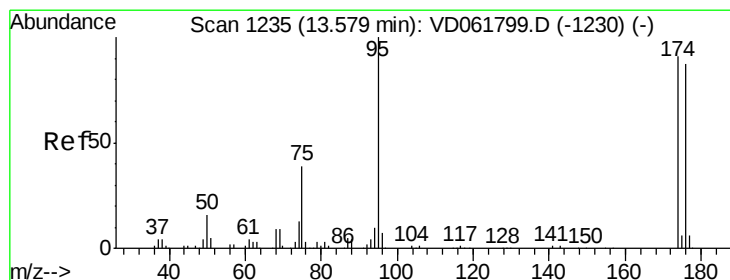
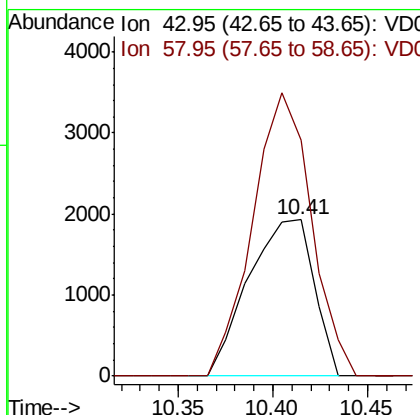
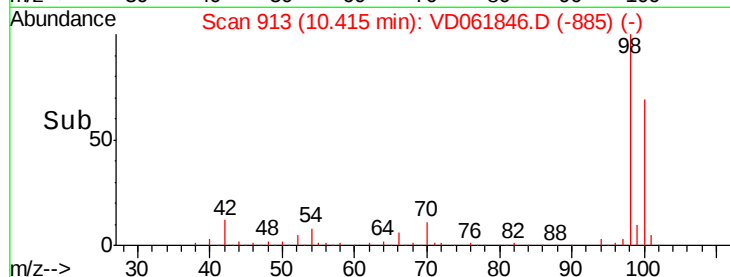
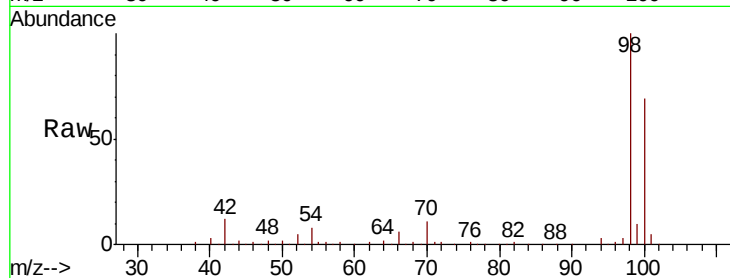




#51
 4-Methyl-2-Pentanone
 Concen: 1.573 ug/l
 RT: 10.41 min Scan# 913
 Delta R.T. 0.07 min
 Lab File: VD061846.D
 Acq: 17 Apr 2019 11:58

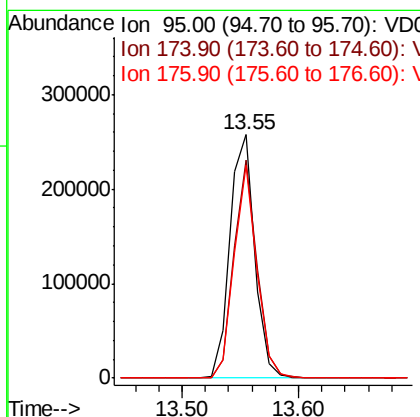
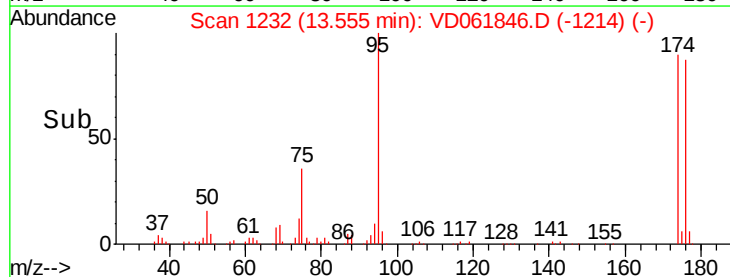
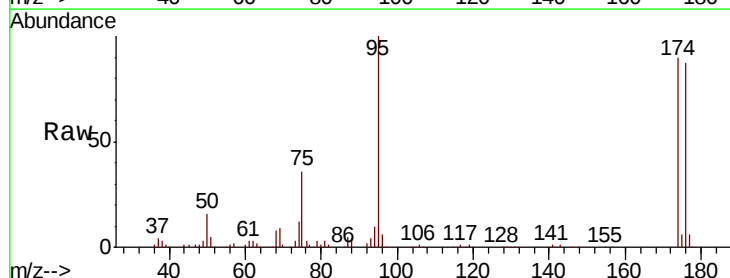
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 ClientSampleId :
 VD0417SBL01

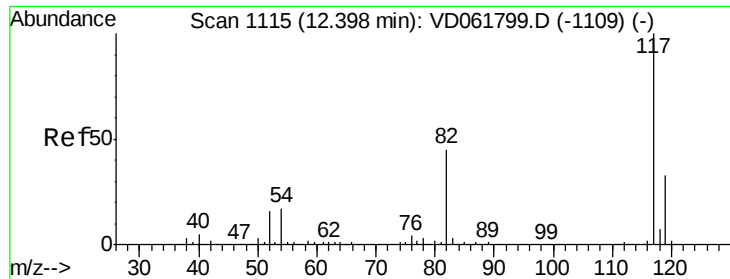
Tgt Ion: 43 Resp: 4634
 Ion Ratio Lower Upper
 43 100
 58 151.3 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.02 min
 Lab File: VD061846.D
 Acq: 17 Apr 2019 11:58

Tgt Ion: 95 Resp: 379510
 Ion Ratio Lower Upper
 95 100
 174 89.5 0.0 181.8
 176 87.3 0.0 174.4

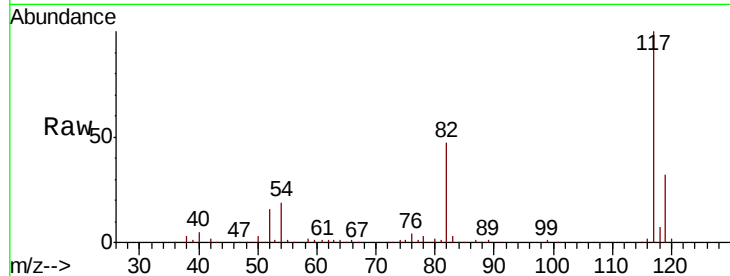




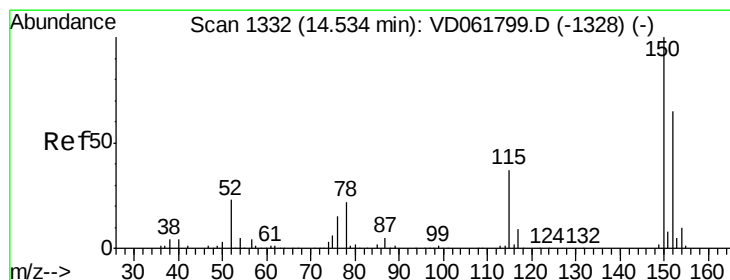
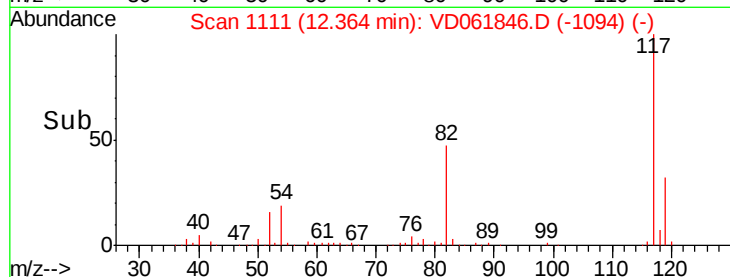
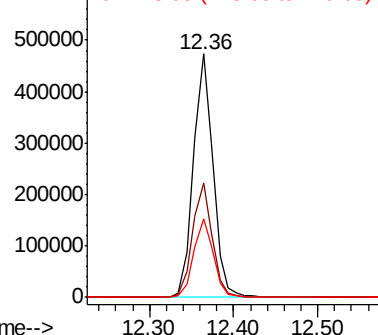
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Instrument :
MSVOA_D
ClientSampleId :
VD0417SBL01

Tgt Ion:117 Resp: 766473
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 32.1 26.2 39.4

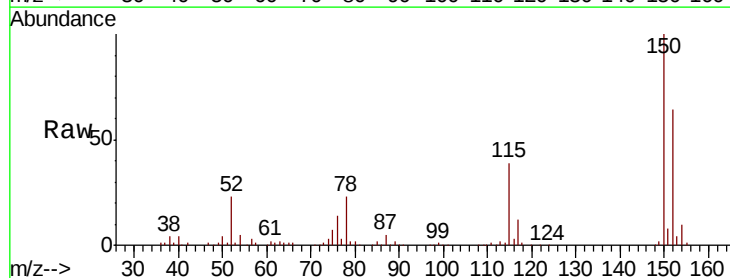


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

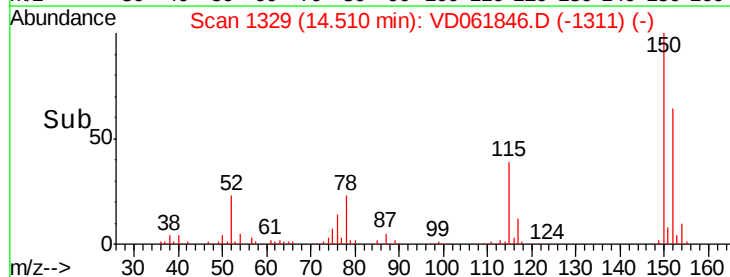
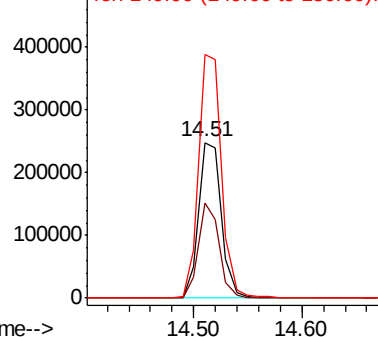


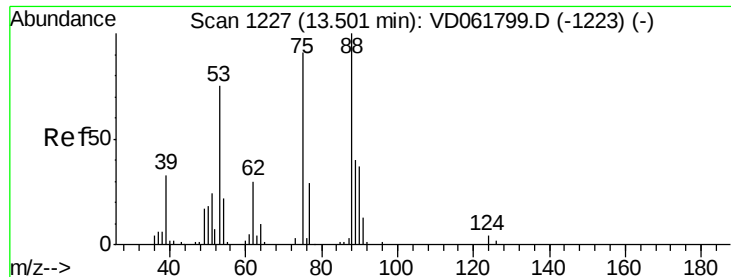
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD061846.D
Acq: 17 Apr 2019 11:58

Tgt Ion:152 Resp: 361934
Ion Ratio Lower Upper
152 100
115 61.4 30.9 92.7
150 156.7 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: 89.934 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.05 min

Lab File: VD061846.D

Acq: 17 Apr 2019 11:58

Instrument :

MSVOA_D

ClientSampleId :

VD0417SBL01

Tgt Ion: 75 Resp: 142932

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

