

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058370.D
 Acq On : 24 Jun 2018 14:29
 Operator : VA/AP
 Sample : J3671-12
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 25 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	792468	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.70	114	1082363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	865460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	467553	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	436491	54.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	109.06%	
35) Dibromofluoromethane	5.56	113	452085	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
50) Toluene-d8	8.72	98	1012650	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.94	95	437349	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.34	85	415	Below Cal	#	43
3) Chloromethane	1.48	50	1347	Below Cal	#	43
4) Vinyl Chloride	1.56	62	321162	77.363	ug/l	98
5) Bromomethane	1.81	94	180	Below Cal		88
6) Chloroethane	1.75	64	262	1.552	ug/l #	41
11) Tert butyl alcohol	3.27	59	645	2.443	ug/l #	78
12) 1,1-Dichloroethene	2.56	96	16999	6.244	ug/l	93
13) Acrolein	2.56	56	198	1.314	ug/l #	11
16) Acetone	2.61	43	56626	51.728	ug/l #	90
18) Methyl Acetate	2.95	43	2800	1.199	ug/l #	65
20) Methylene Chloride	3.08	84	27027	5.186	ug/l #	87
21) trans-1,2-Dichloroethene	3.39	96	21202	7.125	ug/l	90
24) 1,1-Dichloroethane	3.98	63	40613	2.995	ug/l #	95
25) 2-Butanone	4.87	43	6302	2.641	ug/l #	1
27) cis-1,2-Dichloroethene	4.82	96	8196240	1102.299	ug/l	95
29) Tetrahydrofuran	5.20	42	2209	1.739	ug/l #	67
30) Chloroform	5.33	83	21294	1.488	ug/l #	83
31) Cyclohexane	5.66	56	25583	Below Cal	#	4
36) 1,1-Dichloropropene	5.66	75	62826	5.868	ug/l #	50
37) Ethyl Acetate	4.87	43	6302	1.033	ug/l #	1
38) Carbon Tetrachloride	5.66	117	70013	6.581	ug/l #	15
40) Benzene	6.03	78	52411	2.055	ug/l	94
44) Trichloroethene	7.04	130	10242509	1337.324	ug/l	91
55) 1,1,2-Trichloroethane	9.47	97	9677	1.883	ug/l #	80
64) Tetrachloroethene	9.53	164	250898	34.454	ug/l	97
65) Chlorobenzene	10.73	112	385596	23.819	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.94	75	205430	123.388	ug/l #	1
82) 4-Chlorotoluene	12.33	91	1298	Below Cal	#	45
87) 1,3-Dichlorobenzene	12.84	146	17867	1.227	ug/l	95
88) 1,4-Dichlorobenzene	12.93	146	52800	3.715	ug/l	91
91) 1,2-Dichlorobenzene	13.20	146	137036	11.063	ug/l	97
95) Naphthalene	14.52	128	29098	1.865	ug/l	99

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Response via : Initial Calibration

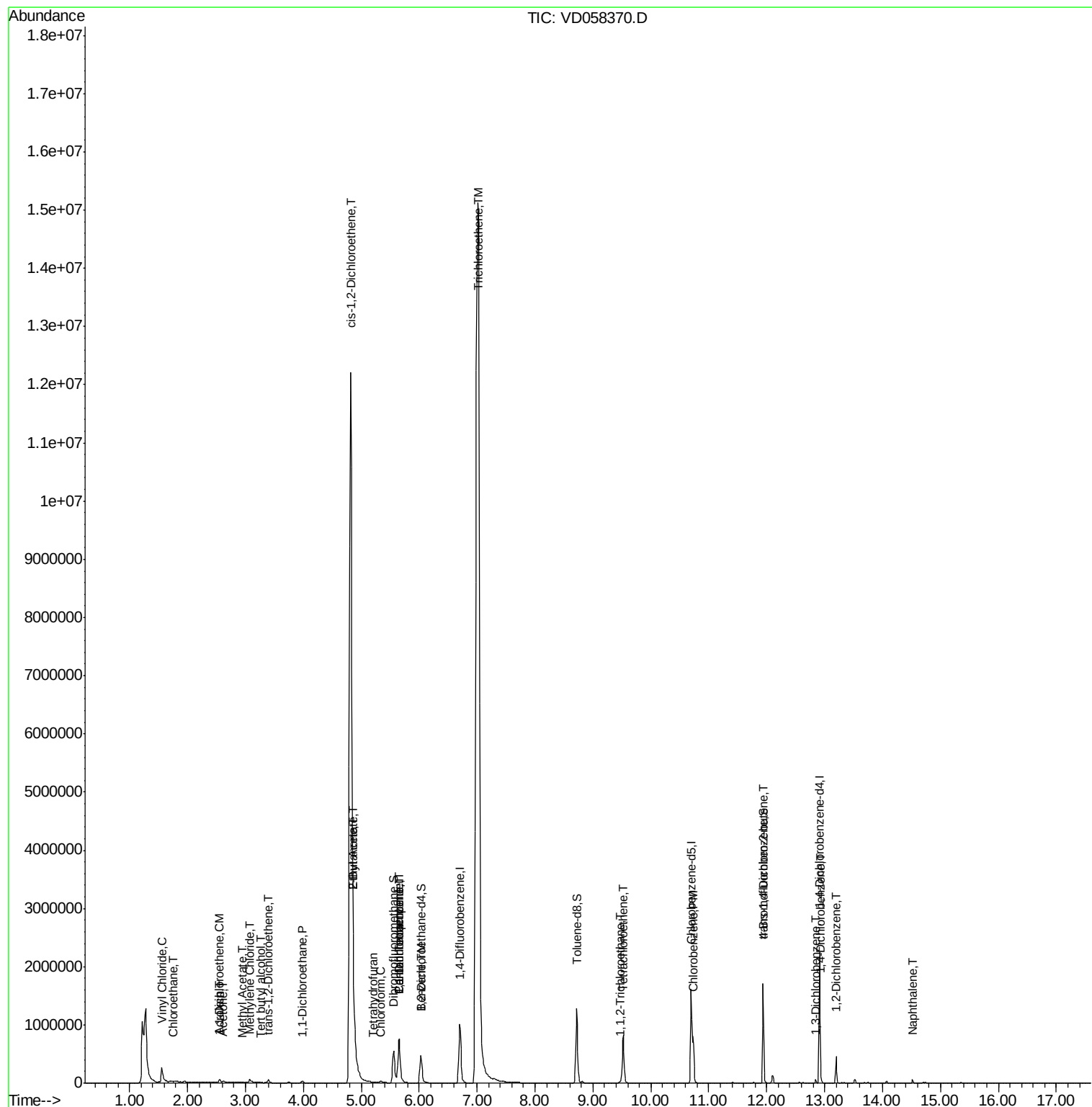
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

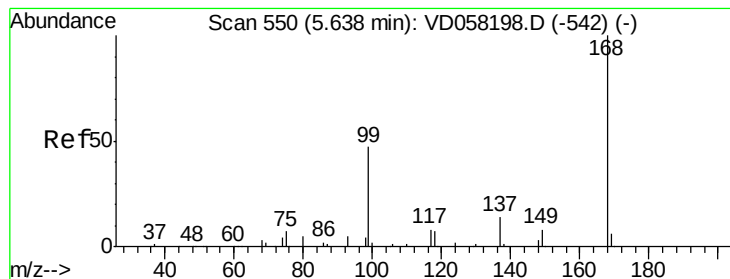
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058370.D
Acq On : 24 Jun 2018 14:29
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.02 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

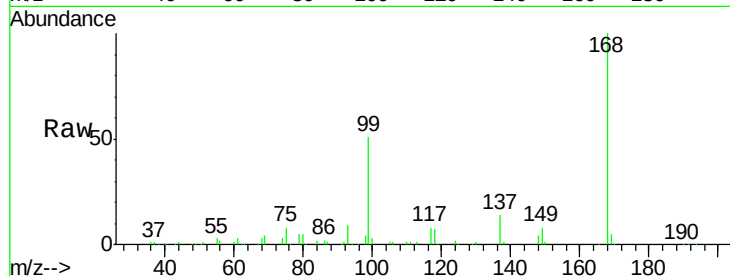
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 792468

Ion Ratio Lower Upper

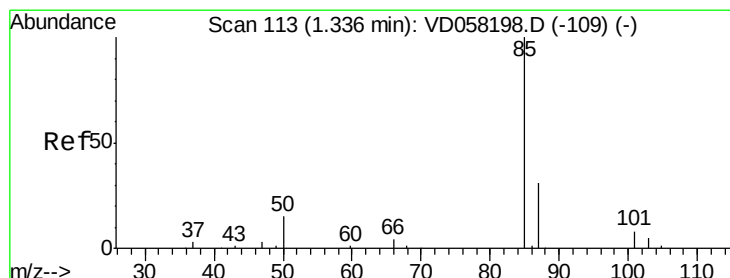
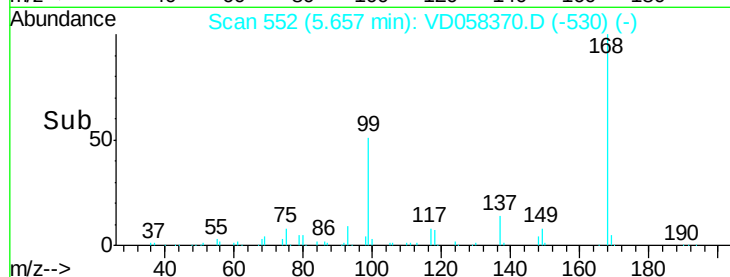
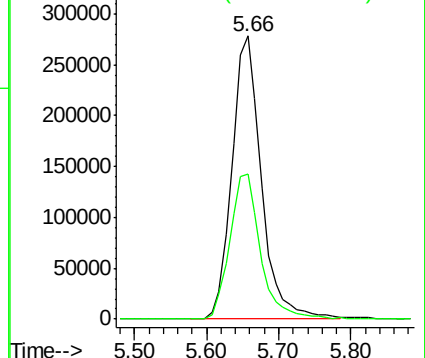
168 100

99 51.2 41.1 61.7



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: 1.34 min Scan# 113

Delta R.T. 0.00 min

Lab File: VD058370.D

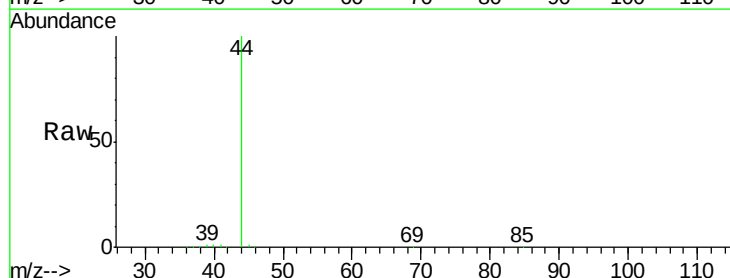
Acq: 24 Jun 2018 14:29

Tgt Ion: 85 Resp: 415

Ion Ratio Lower Upper

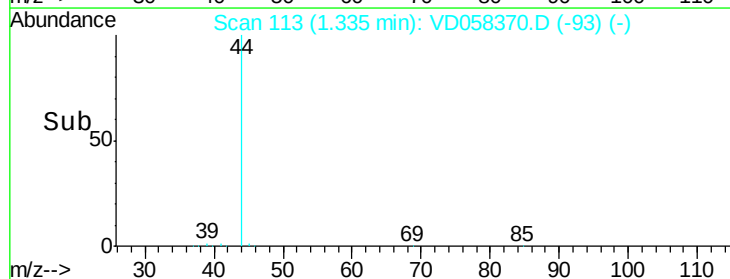
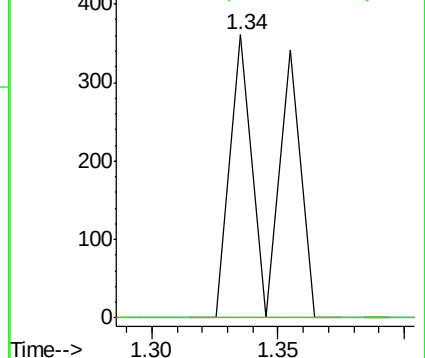
85 100

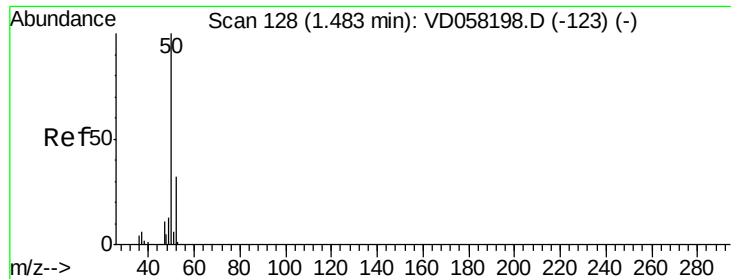
87 0.0 15.7 47.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: Below Cal

RT: 1.48 min Scan# 128

Delta R.T. -0.00 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

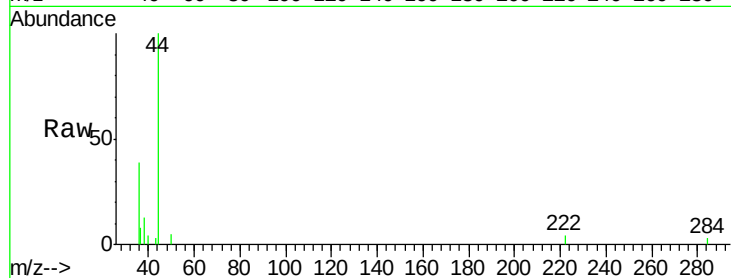
ClientSampleId :

Tot Ion: 50 Resp: 1347

Ion Ratio Lower Upper

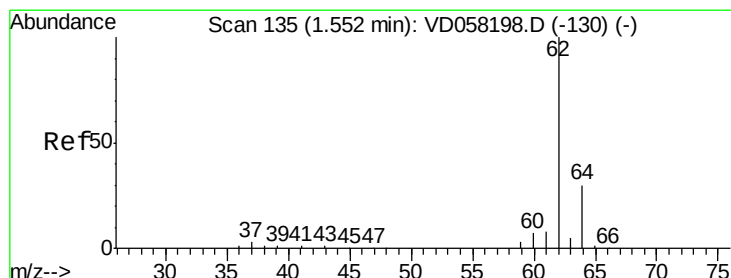
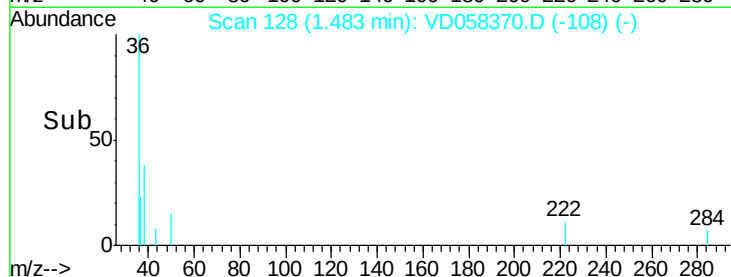
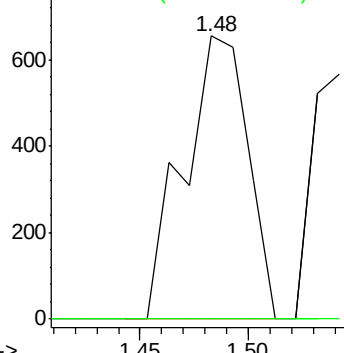
50 100

52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 77.363 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.01 min

Lab File: VD058370.D

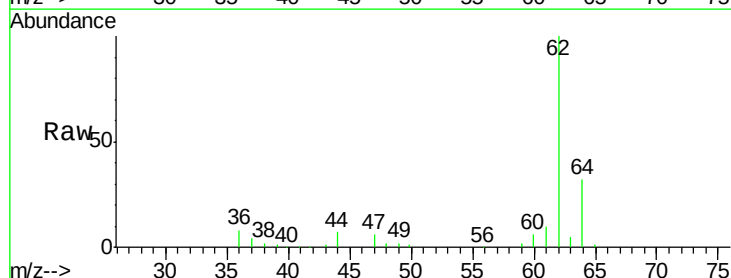
Acq: 24 Jun 2018 14:29

Tgt Ion: 62 Resp: 321162

Ion Ratio Lower Upper

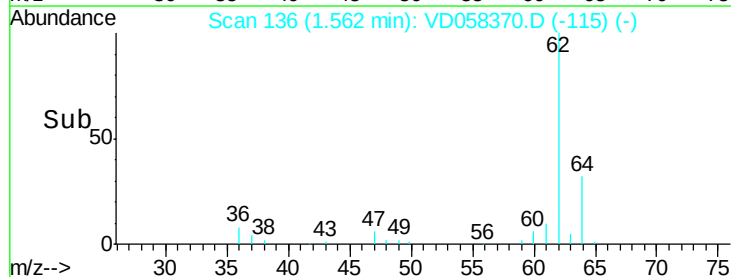
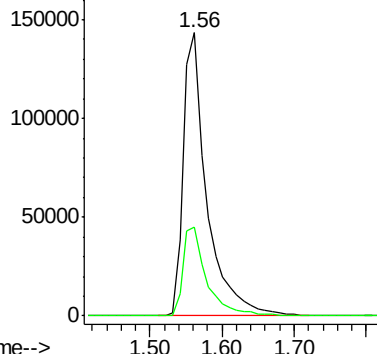
62 100

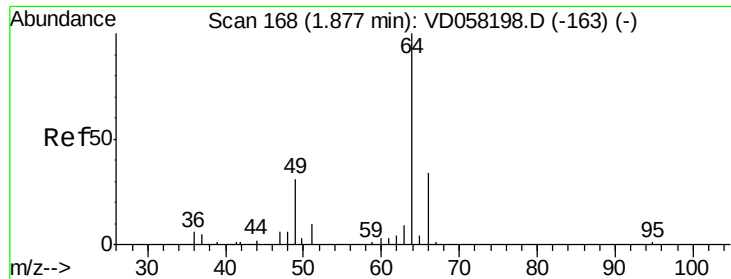
64 31.5 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#6

Chloroethane

Concen: 1.552 ug/l

RT: 1.75 min Scan# 155

Delta R.T. -0.13 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

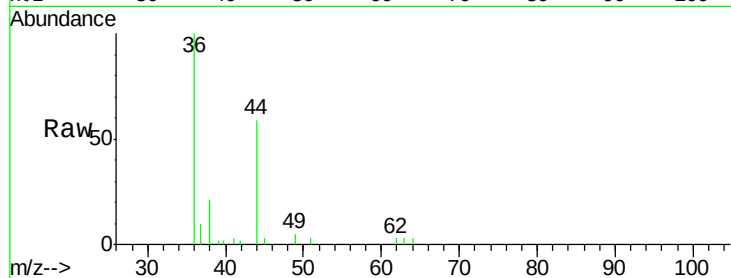
ClientSampleId :

Tot Ion: 64 Resp: 262

Ion Ratio Lower Upper

64 100

66 0.0 27.3 40.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

1.75

400

300

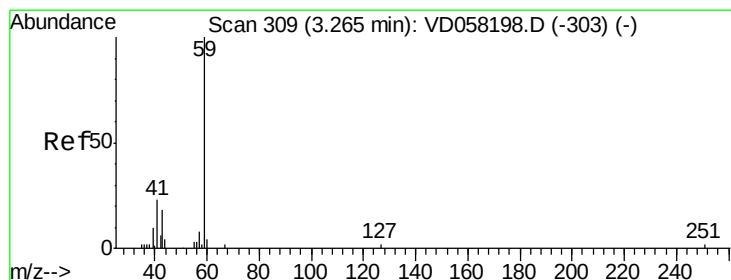
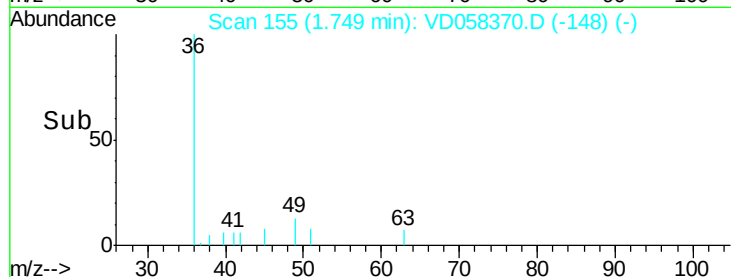
200

100

0

1.74 1.76

Time-->



#11

Tert butyl alcohol

Concen: 2.443 ug/l

RT: 3.27 min Scan# 310

Delta R.T. 0.01 min

Lab File: VD058370.D

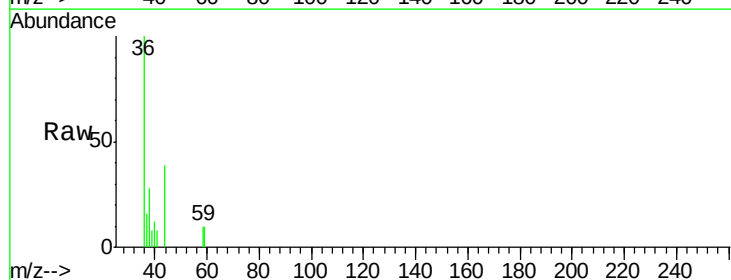
Acq: 24 Jun 2018 14:29

Tgt Ion: 59 Resp: 645

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.27

800

600

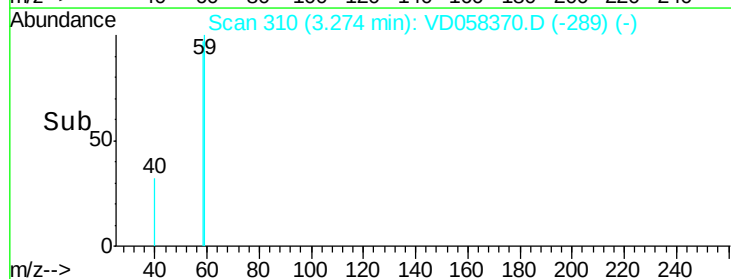
400

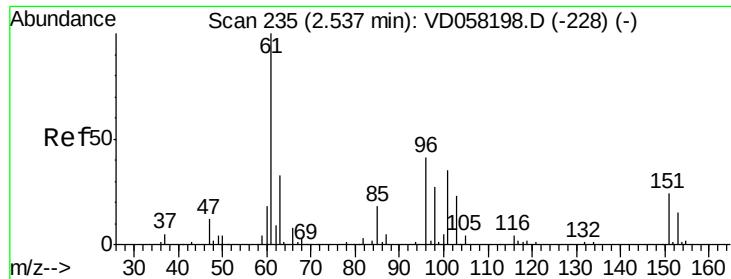
200

0

3.24 3.26 3.28 3.30 3.32

Time-->

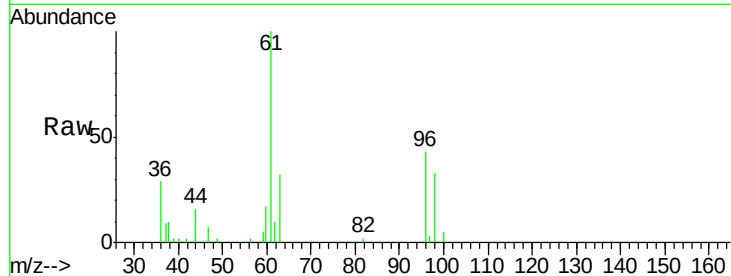




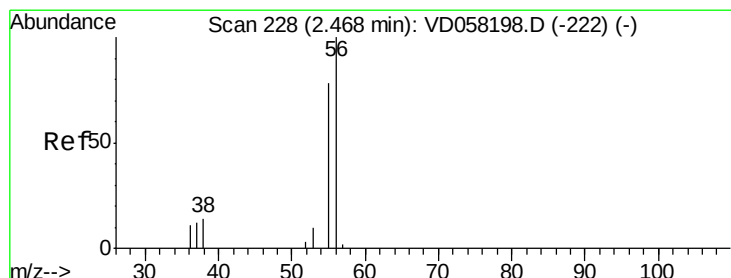
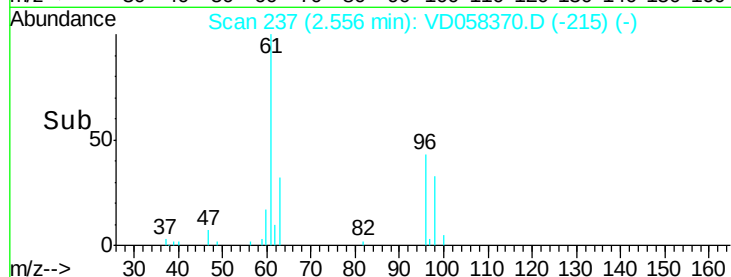
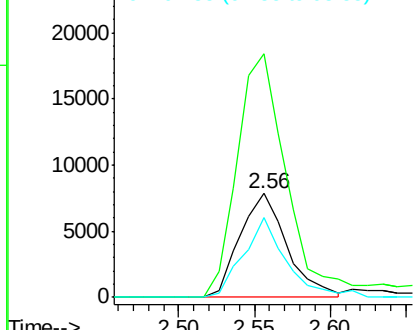
#12
 1,1-Dichloroethene
 Concen: 6.244 ug/l
 RT: 2.56 min Scan# 237
 Delta R.T. 0.02 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 96 Resp: 16999
 Ion Ratio Lower Upper
 96 100
 61 234.7 193.9 290.9
 98 77.5 51.7 77.5

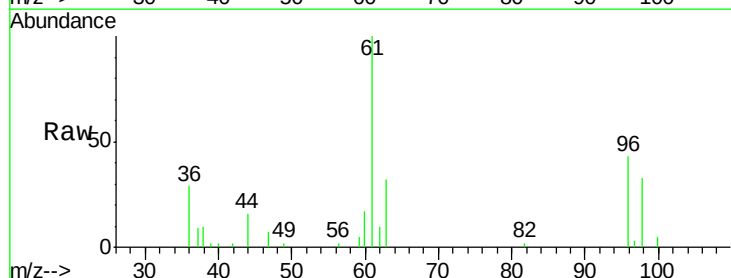


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

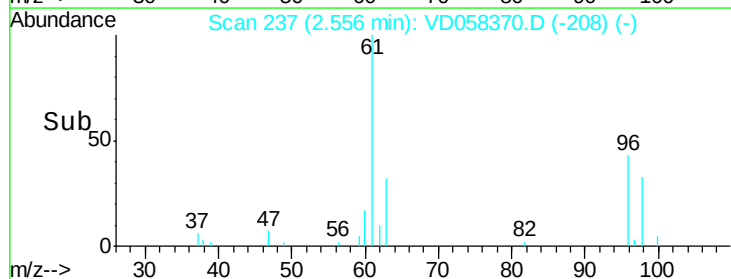
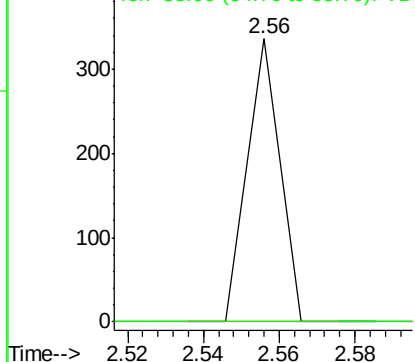


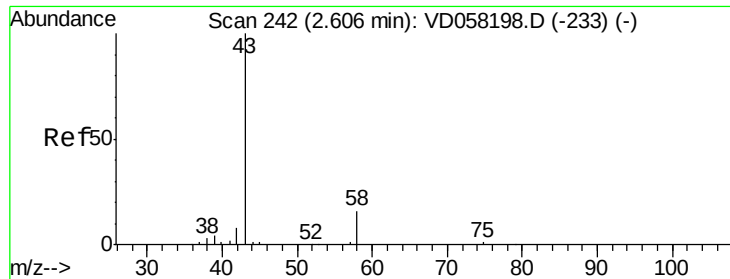
#13
 Acrolein
 Concen: 1.314 ug/l
 RT: 2.56 min Scan# 237
 Delta R.T. 0.09 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Tgt Ion: 56 Resp: 198
 Ion Ratio Lower Upper
 56 100
 55 0.0 62.1 93.1#



Abundance Ion 55.95 (55.65 to 56.65): VDC
 Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 51.728 ug/l

RT: 2.61 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

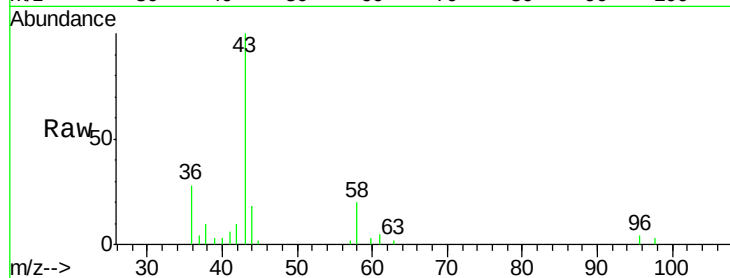
ClientSampleId :

Tot Ion: 43 Resp: 56626

Ion Ratio Lower Upper

43 100

58 20.0 12.7 19.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

2.61

15000

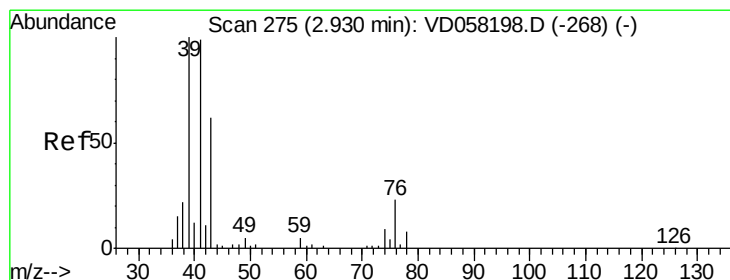
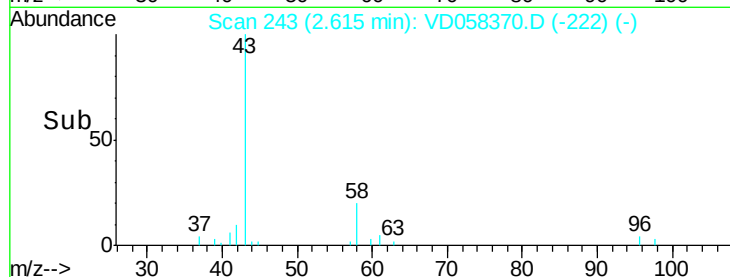
10000

5000

0

Time-->

2.50 2.60 2.70 2.80



#18

Methyl Acetate

Concen: 1.199 ug/l

RT: 2.95 min Scan# 277

Delta R.T. 0.02 min

Lab File: VD058370.D

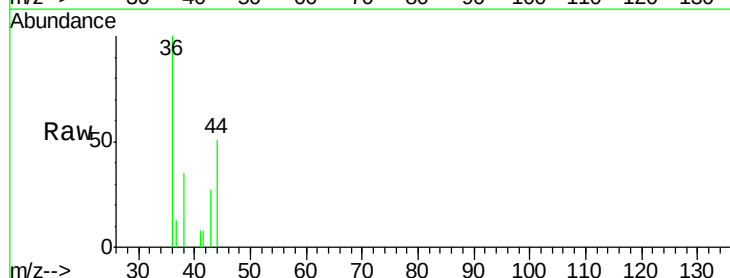
Acq: 24 Jun 2018 14:29

Tgt Ion: 43 Resp: 2800

Ion Ratio Lower Upper

43 100

74 0.0 11.7 17.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

2.95

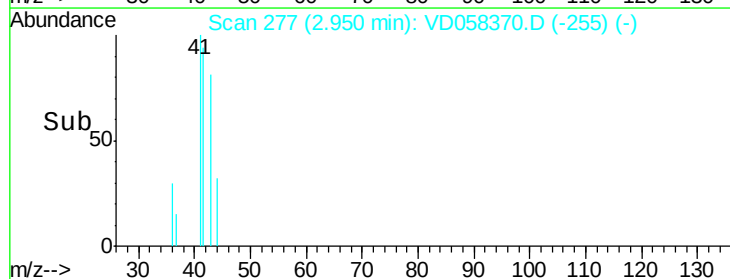
1000

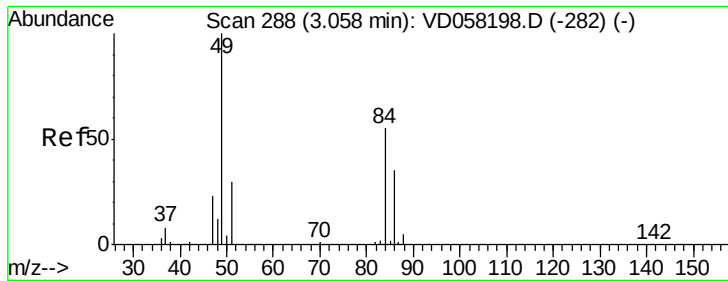
500

0

Time-->

2.90 2.95 3.00

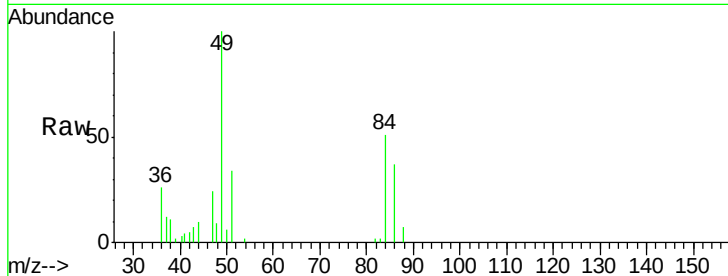




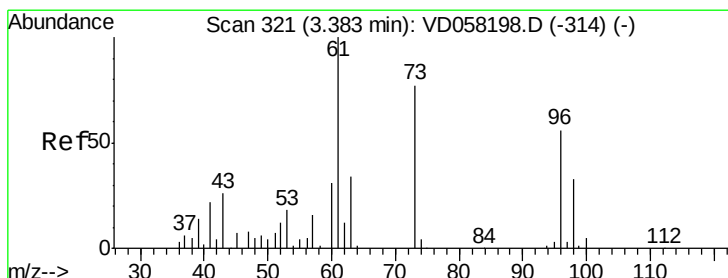
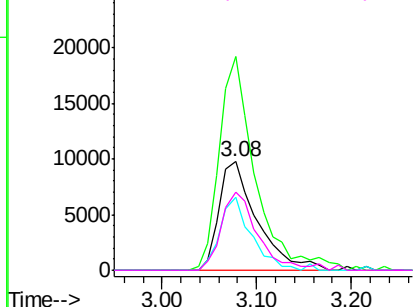
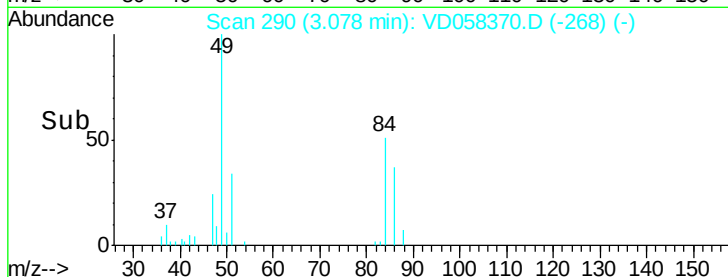
#20
Methylene Chloride
Concen: 5.186 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 27027
Ion Ratio Lower Upper
84 100
49 197.3 145.0 217.6
51 67.4 42.9 64.3#
86 72.4 50.1 75.1

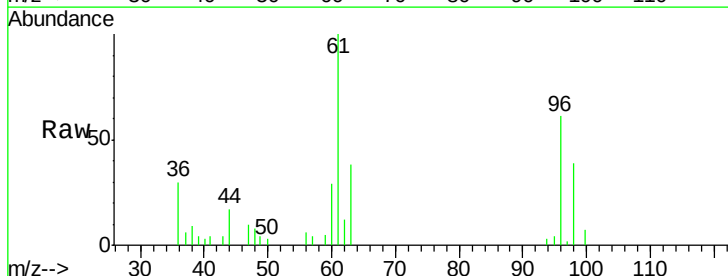


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

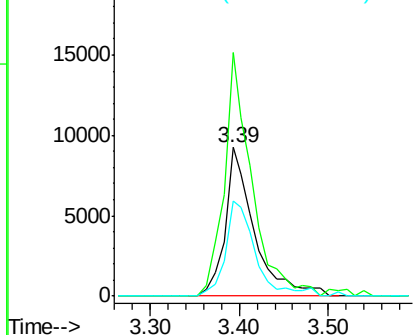
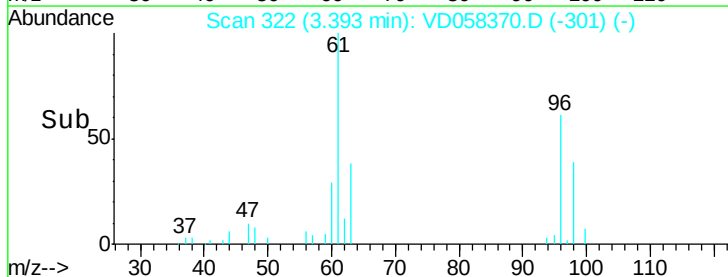


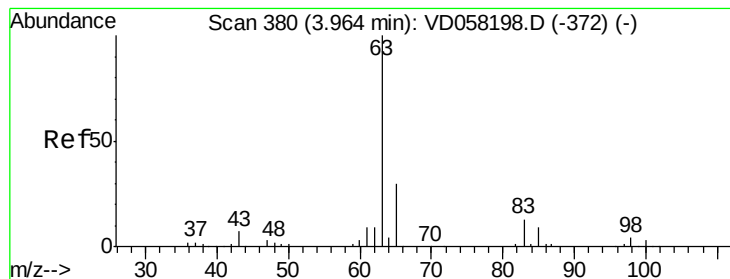
#21
trans-1,2-Dichloroethene
Concen: 7.125 ug/l
RT: 3.39 min Scan# 322
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion: 96 Resp: 21202
Ion Ratio Lower Upper
96 100
61 163.6 143.8 215.6
98 64.0 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#24

1,1-Dichloroethane

Concen: 2.995 ug/l

RT: 3.98 min Scan# 382

Delta R.T. 0.02 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

ClientSampleId :

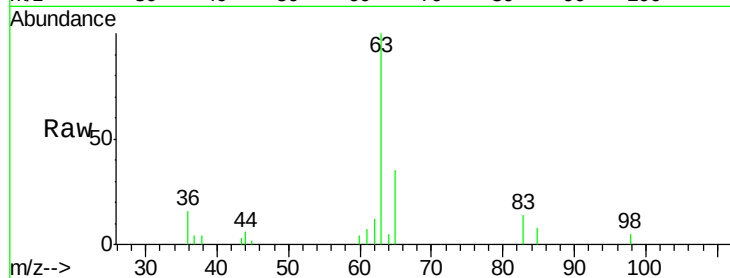
Tot Ion: 63 Resp: 40613

Ion Ratio Lower Upper

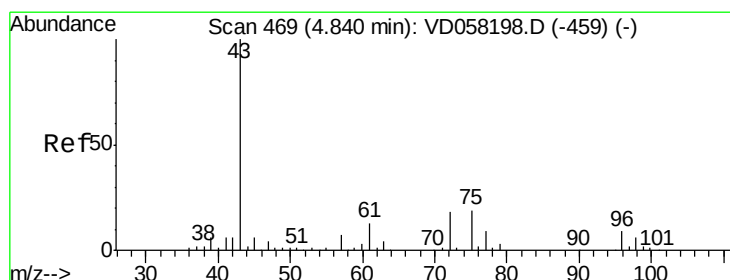
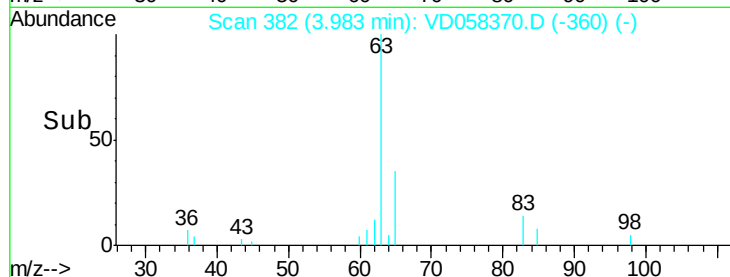
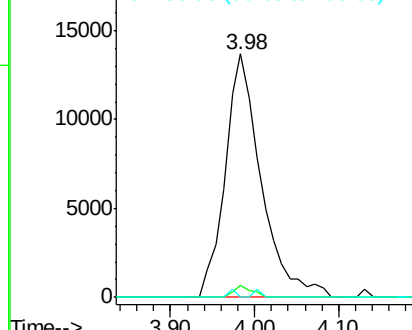
63 100

98 4.7 1.9 5.7

100 0.0 1.3 3.9#



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 97.95 (97.65 to 98.65): VDC
Ion 99.95 (99.65 to 100.65): VDC



#25

2-Butanone

Concen: 2.641 ug/l

RT: 4.87 min Scan# 472

Delta R.T. 0.03 min

Lab File: VD058370.D

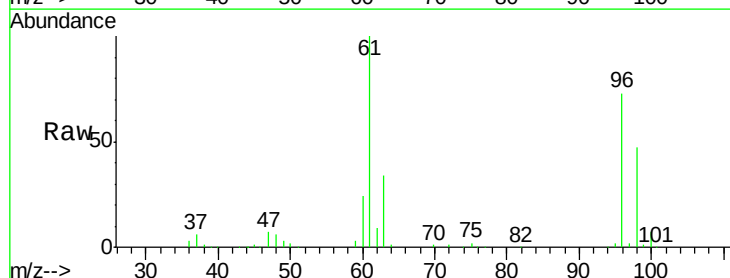
Acq: 24 Jun 2018 14:29

Tgt Ion: 43 Resp: 6302

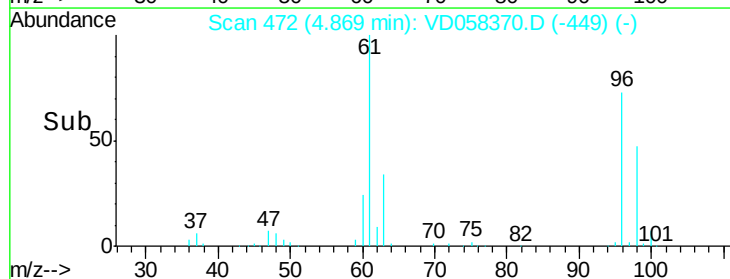
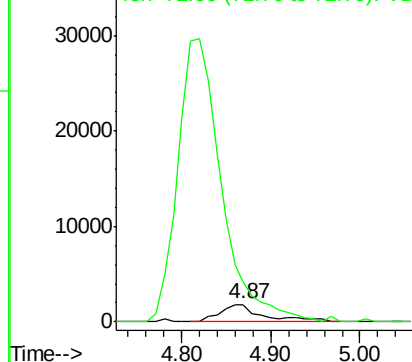
Ion Ratio Lower Upper

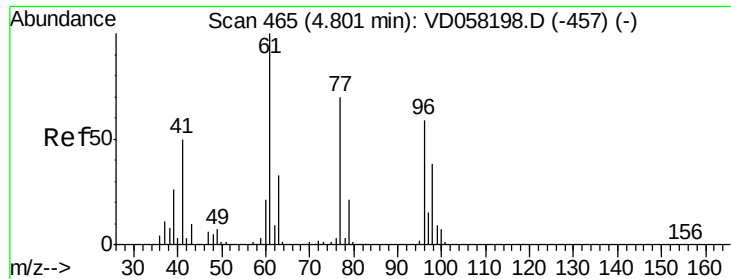
43 100

72 233.8 14.1 21.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC



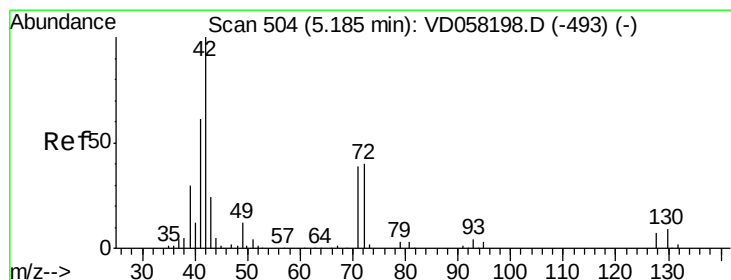
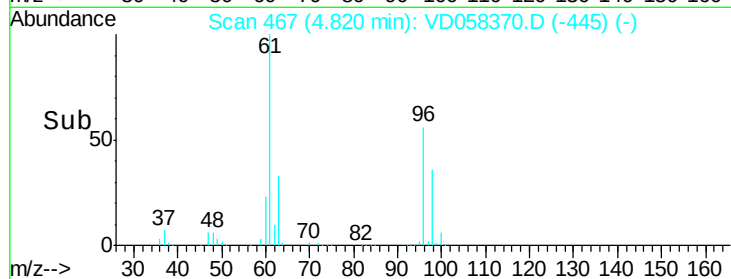
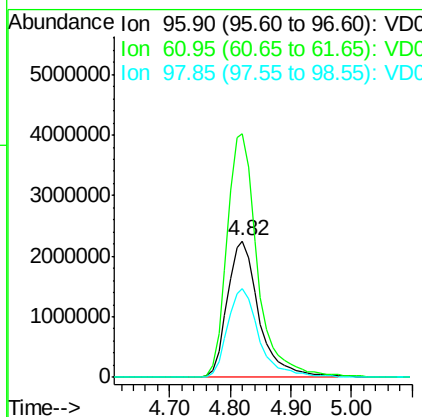
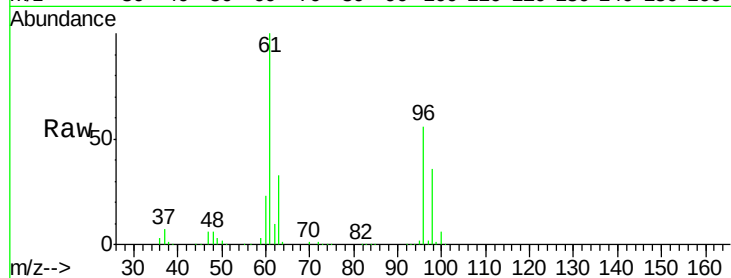


#27

cis-1,2-Dichloroethene
 Concen: 1102.299 ug/l
 RT: 4.82 min Scan# 467
 Delta R.T. 0.02 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Instrument :
 MSVOA_D
 ClientSampled :

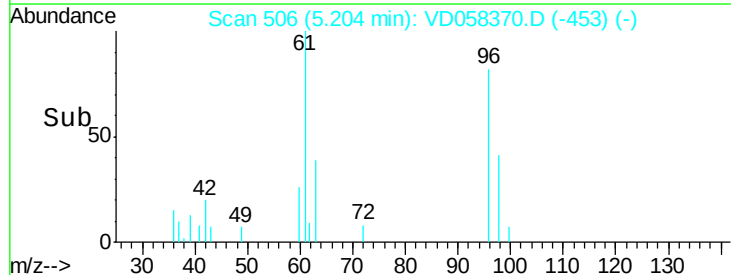
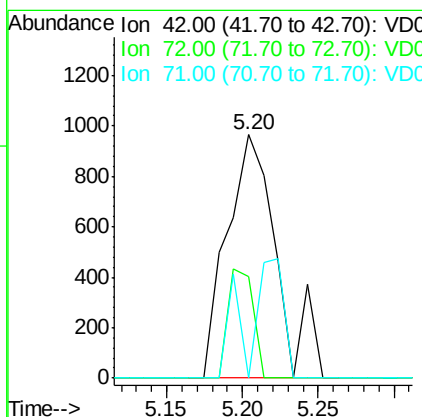
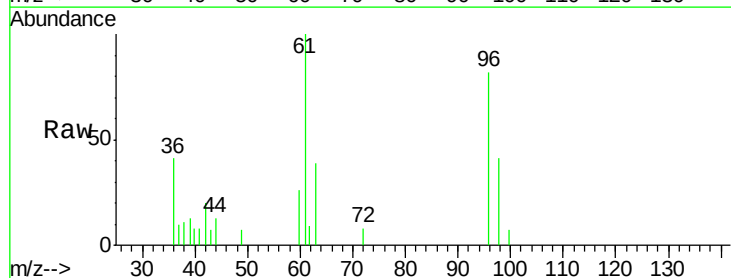
Tot Ion: 96 Resp: 8196240
 Ion Ratio Lower Upper
 96 100
 61 178.6 0.0 338.6
 98 65.0 0.0 130.2

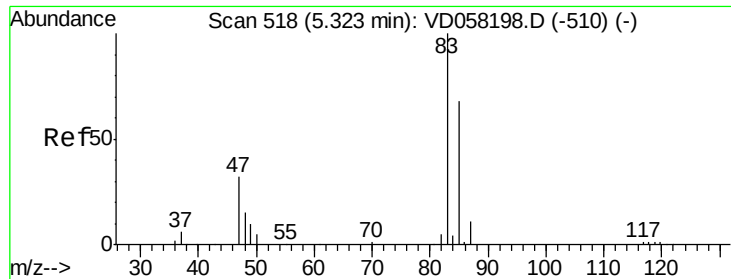


#29

Tetrahydrofuran
 Concen: 1.739 ug/l
 RT: 5.20 min Scan# 506
 Delta R.T. 0.02 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Tgt Ion: 42 Resp: 2209
 Ion Ratio Lower Upper
 42 100
 72 0.0 30.2 45.2#
 71 36.1 30.1 45.1

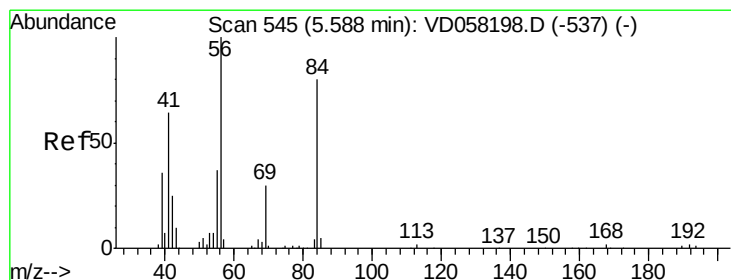
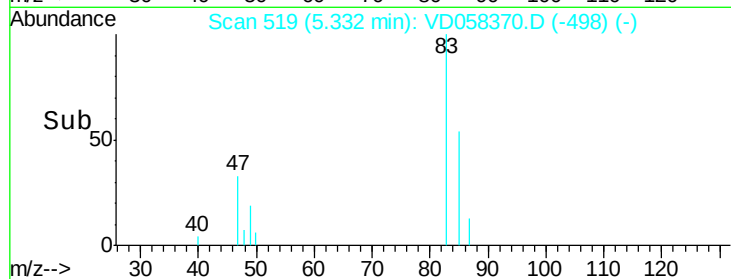
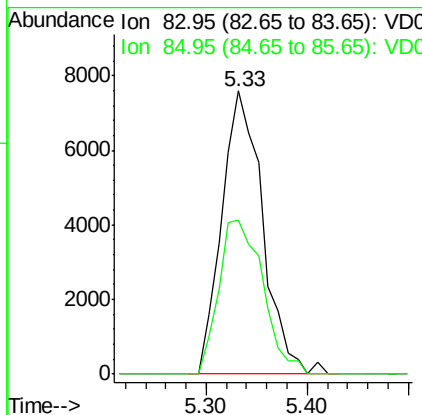
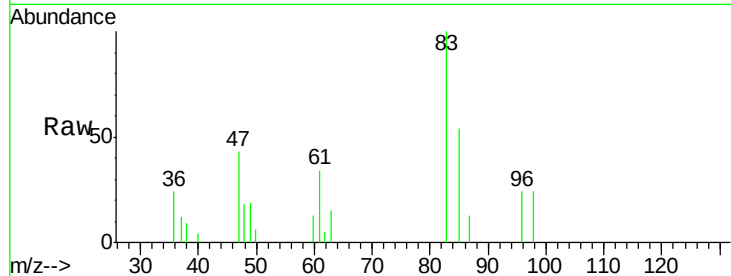




#30
Chloroform
Concen: 1.488 ug/l
RT: 5.33 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

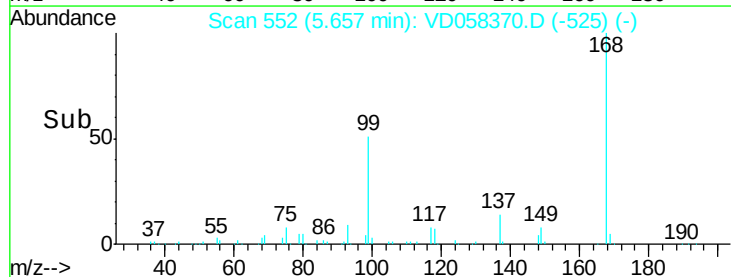
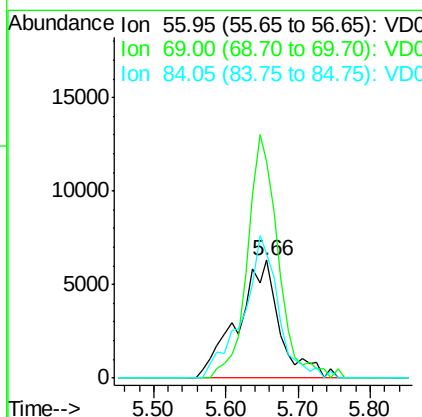
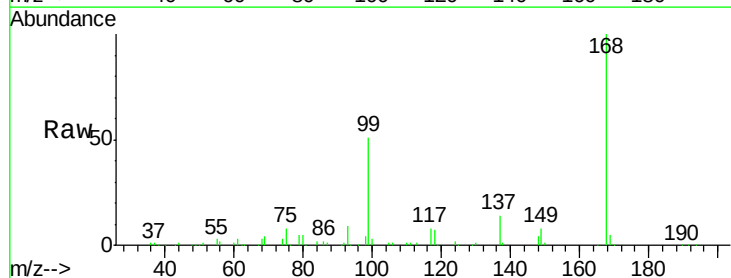
Instrument :
MSVOA_D
ClientSampled :

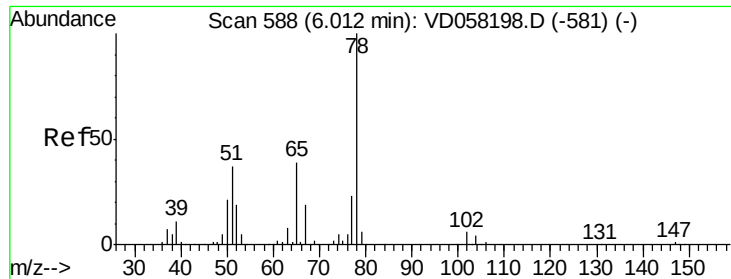
Tot Ion: 83 Resp: 21294
Ion Ratio Lower Upper
83 100
85 54.4 54.8 82.2#



#31
Cyclohexane
Concen: Below Cal
RT: 5.66 min Scan# 552
Delta R.T. 0.07 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion: 56 Resp: 25583
Ion Ratio Lower Upper
56 100
69 183.6 23.6 35.4#
84 105.2 65.2 97.8#

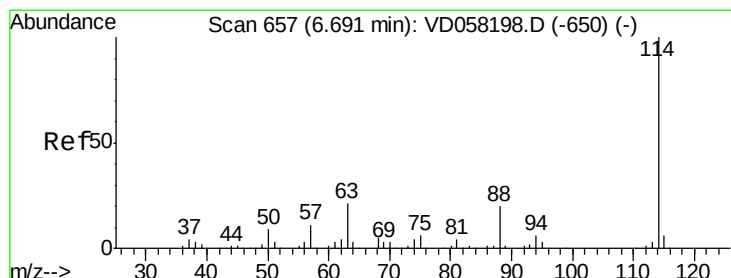
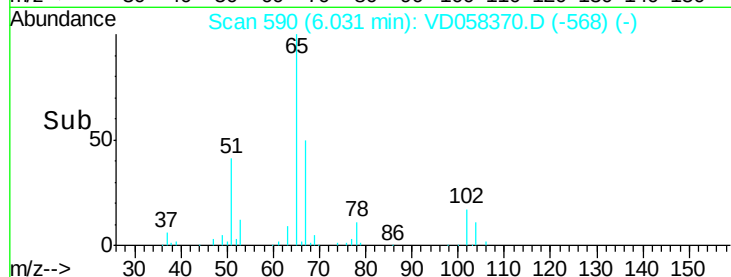
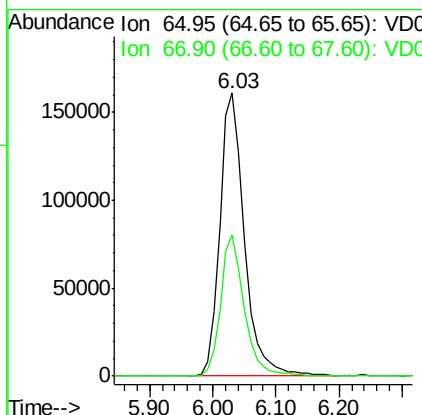
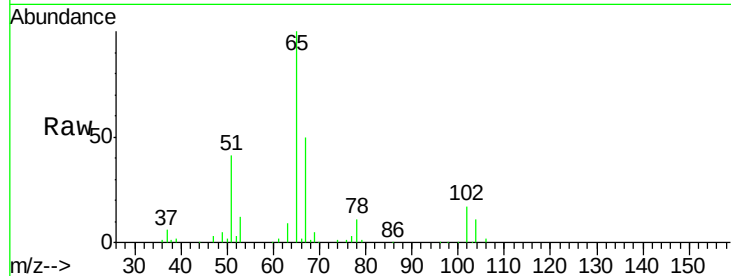




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 6.03 min Scan# 590
 Delta R.T. 0.02 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

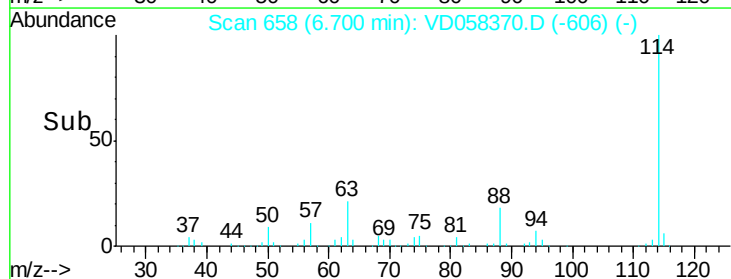
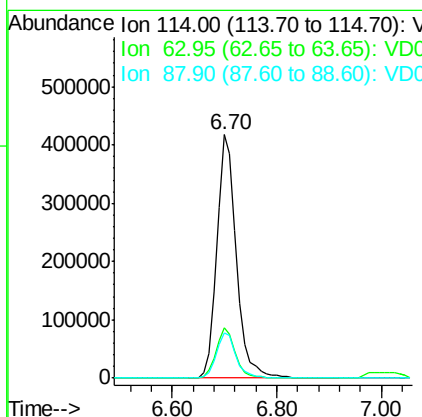
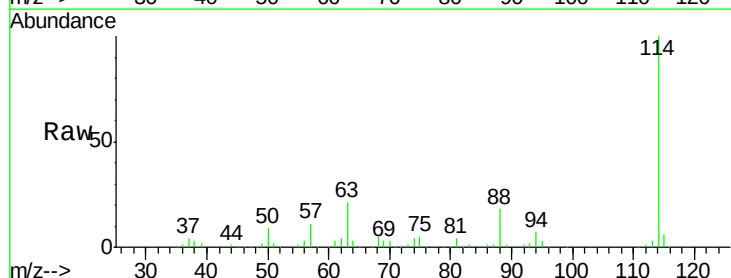
Instrument :
 MSVOA_D
 ClientSampleId :

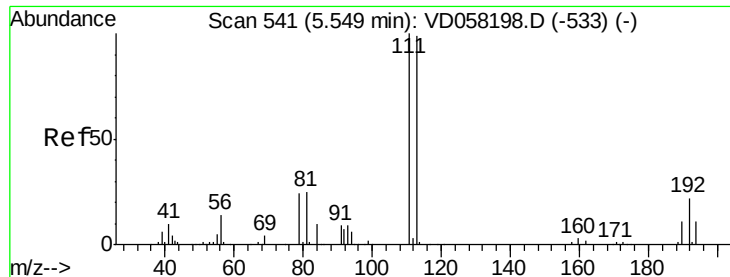
Tot Ion: 65 Resp: 436491
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Tgt Ion: 114 Resp: 1082363
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 18.5 0.0 40.6

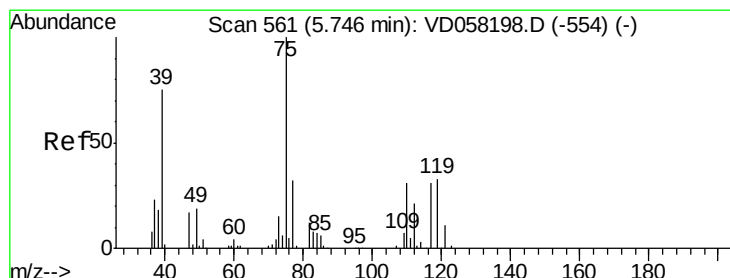
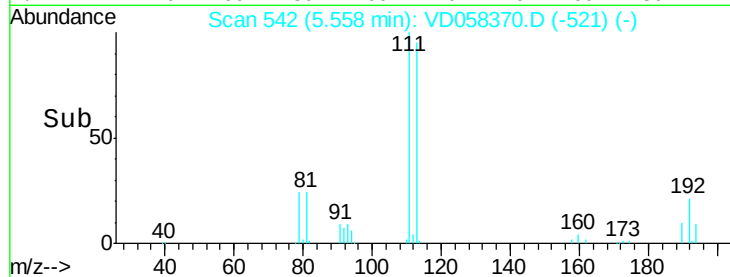
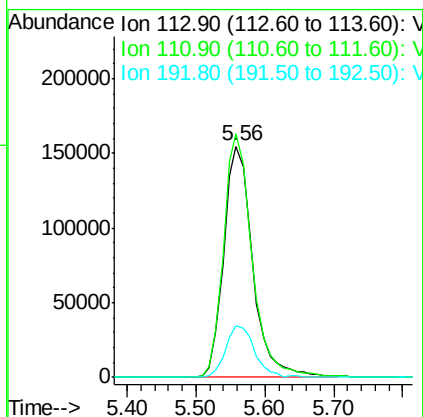
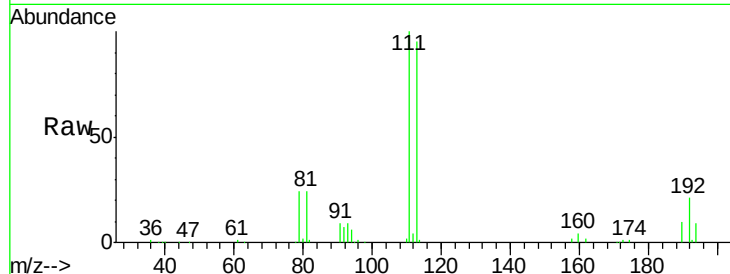




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

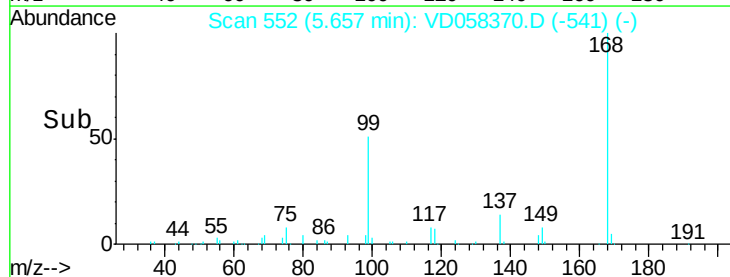
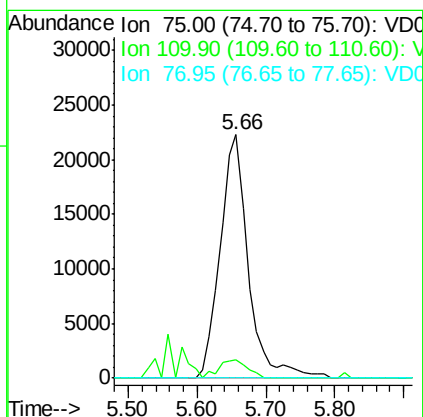
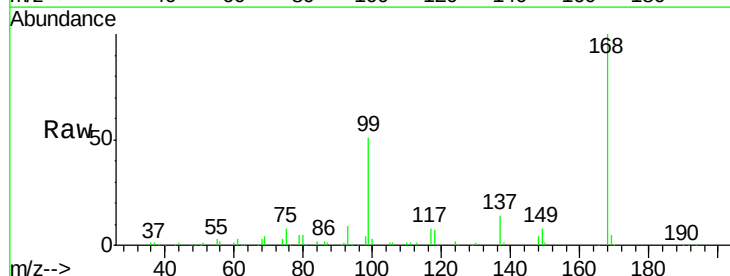
Instrument :
 MSVOA_D
 ClientSampleId :

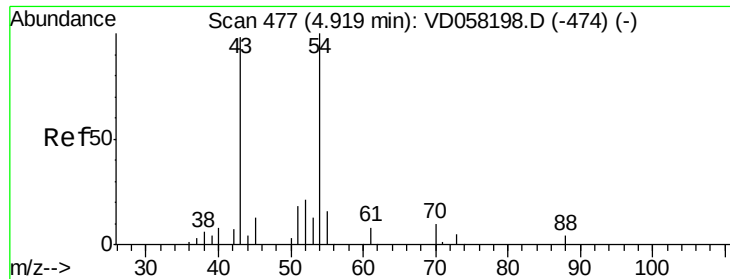
Tot Ion:113 Resp: 452085
 Ion Ratio Lower Upper
 113 100
 111 105.2 80.6 121.0
 192 22.0 17.8 26.6



#36
 1,1-Dichloropropene
 Concen: 5.868 ug/l
 RT: 5.66 min Scan# 552
 Delta R.T. -0.09 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Tgt Ion: 75 Resp: 62826
 Ion Ratio Lower Upper
 75 100
 110 7.5 15.4 46.4#
 77 0.0 25.4 38.2#

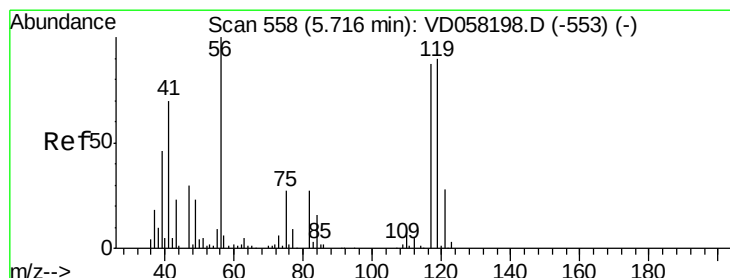
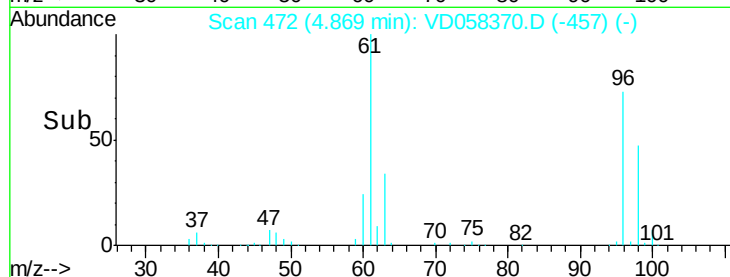
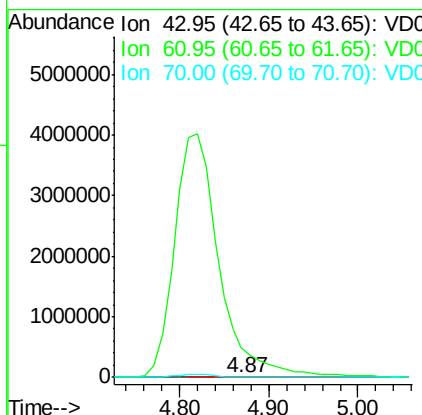
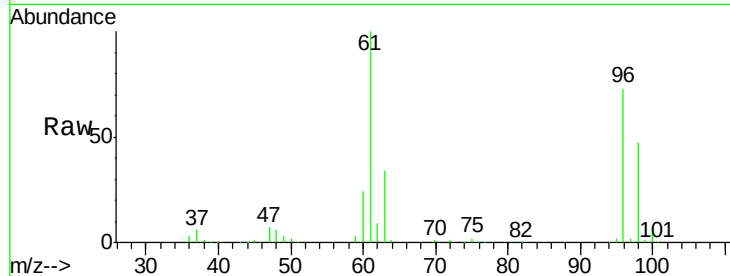




#37
Ethyl Acetate
Concen: 1.033 ug/l
RT: 4.87 min Scan# 472
Delta R.T. -0.05 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

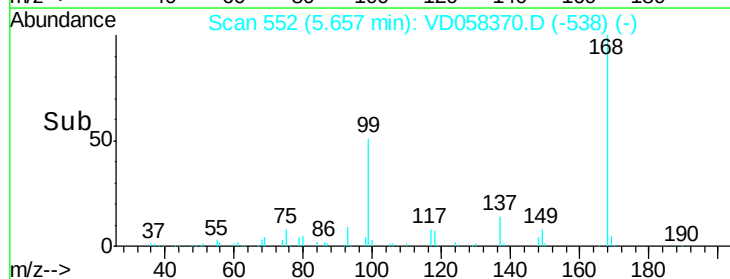
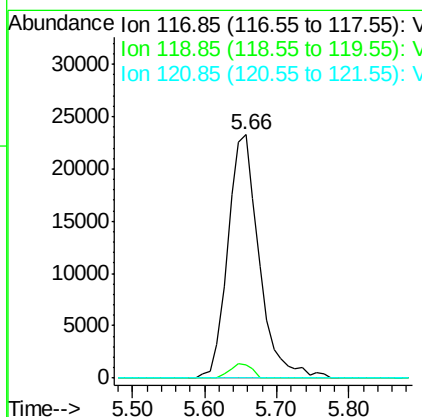
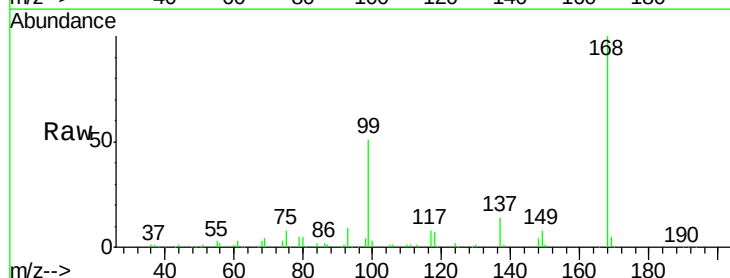
Instrument :
MSVOA_D
ClientSampled :

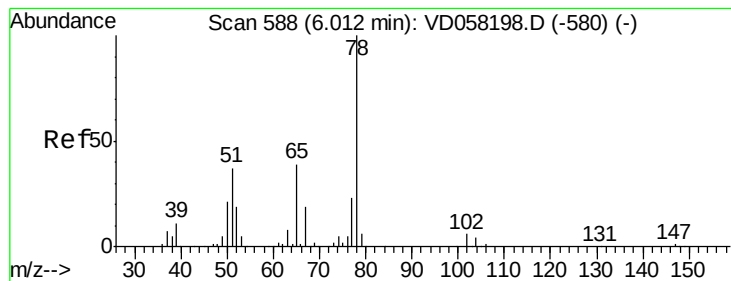
Tot Ion: 43 Resp: 6302
Ion Ratio Lower Upper
43 100
61 27255.1 10.3 15.5#
70 313.7 5.7 8.5#



#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 5.66 min Scan# 552
Delta R.T. -0.06 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion: 117 Resp: 70013
Ion Ratio Lower Upper
117 100
119 5.2 78.8 118.2#
121 0.0 25.0 37.6#





#40

Benzene

Concen: 2.055 ug/l

RT: 6.03 min Scan# 590

Delta R.T. 0.02 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

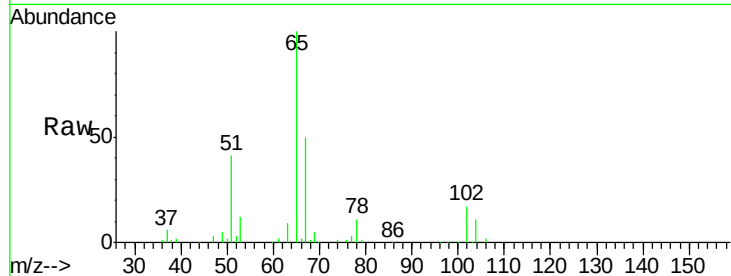
ClientSampled :

Tot Ion: 78 Resp: 52411

Ion Ratio Lower Upper

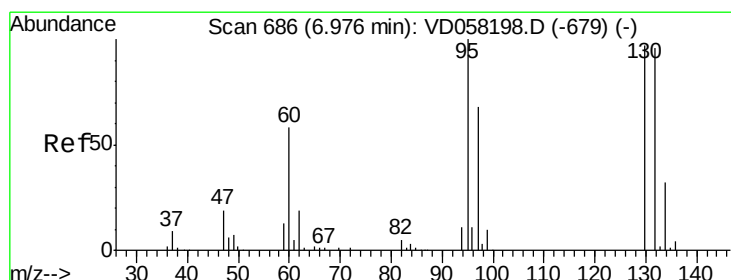
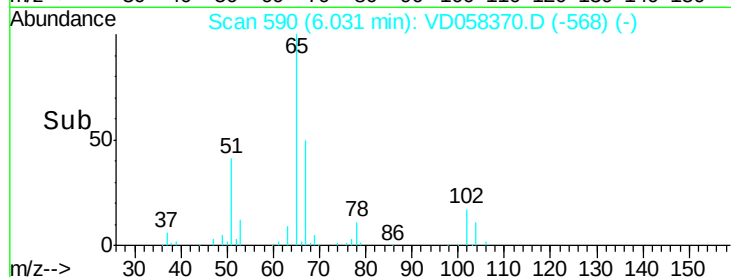
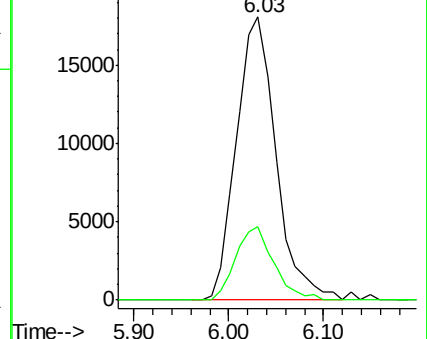
78 100

77 25.9 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#44

Trichloroethene

Concen: 1337.324 ug/l

RT: 7.04 min Scan# 692

Delta R.T. 0.06 min

Lab File: VD058370.D

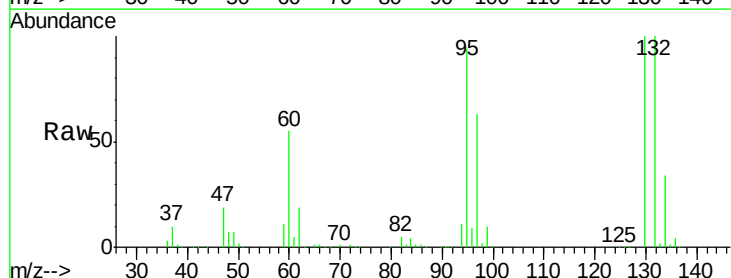
Acq: 24 Jun 2018 14:29

Tgt Ion:130 Resp:10242509

Ion Ratio Lower Upper

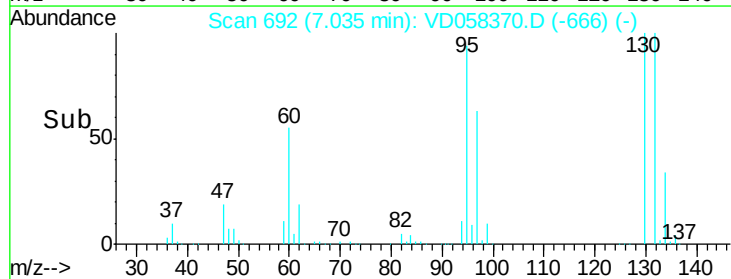
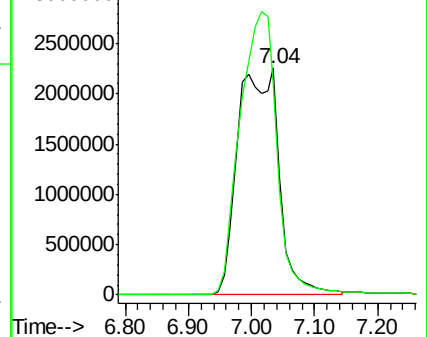
130 100

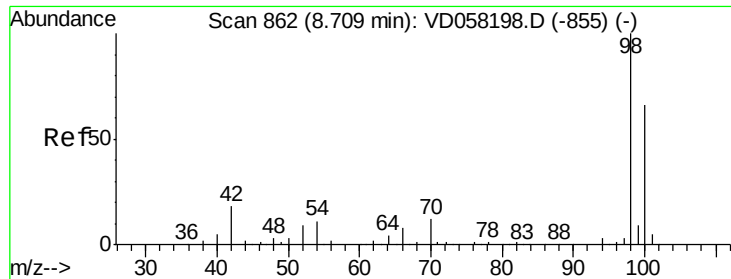
95 93.7 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

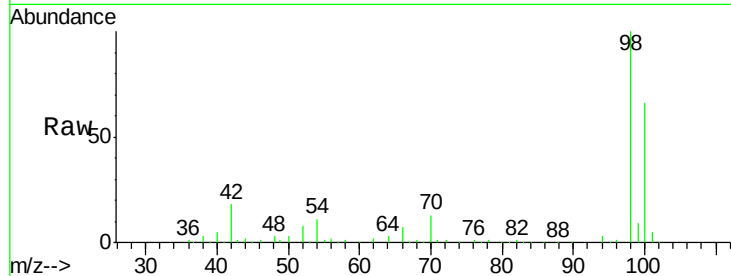




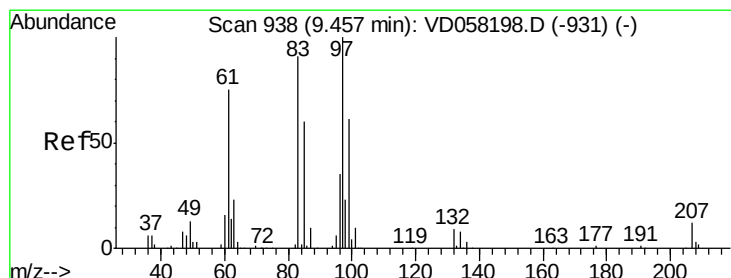
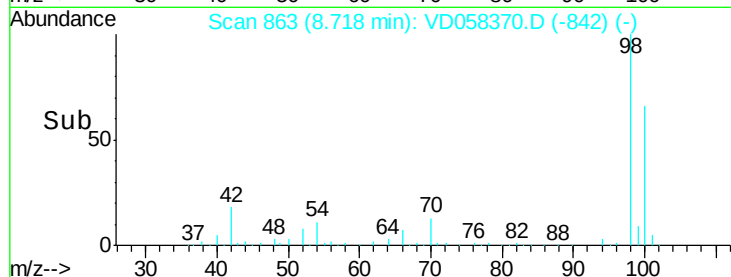
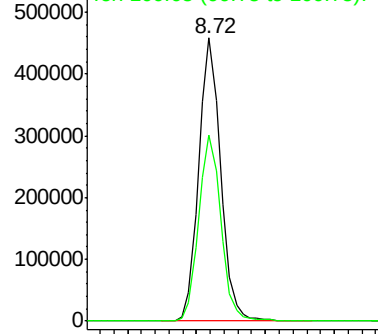
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 1012650
Ion Ratio Lower Upper
98 100
100 65.8 53.6 80.4

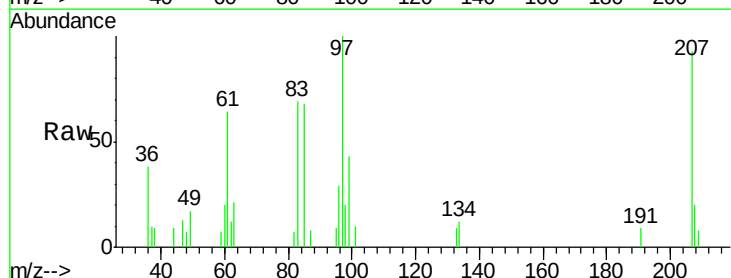


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

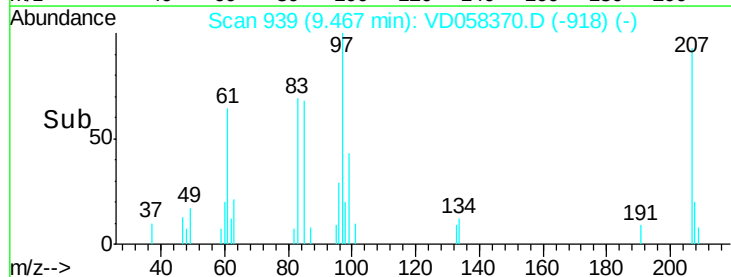
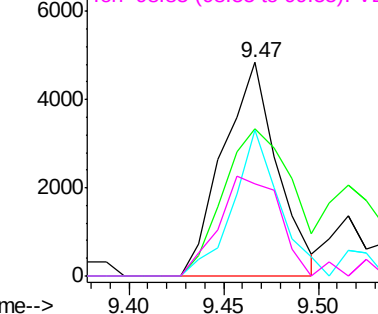


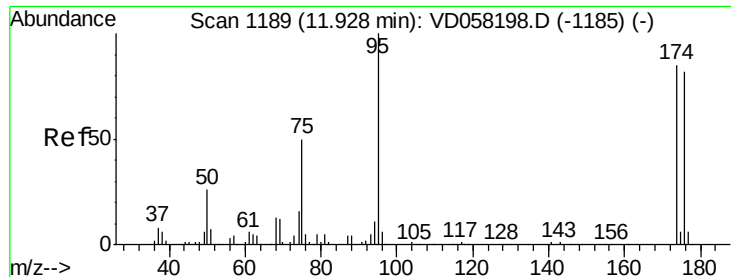
#55
1,1,2-Trichloroethane
Concen: 1.883 ug/l
RT: 9.47 min Scan# 939
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion: 97 Resp: 9677
Ion Ratio Lower Upper
97 100
83 69.2 72.9 109.3#
85 68.2 48.2 72.4
99 43.3 48.9 73.3#



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 98.85 (98.55 to 99.55): VDC

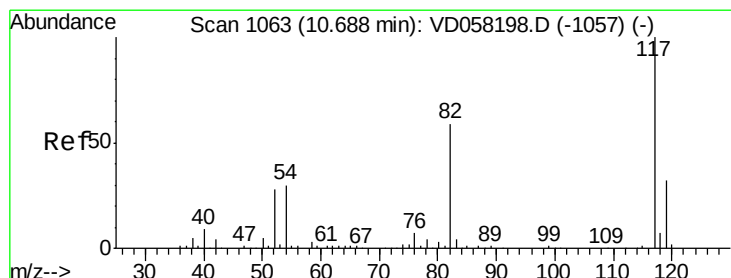
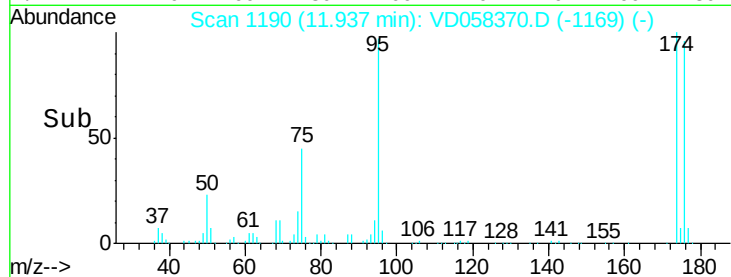
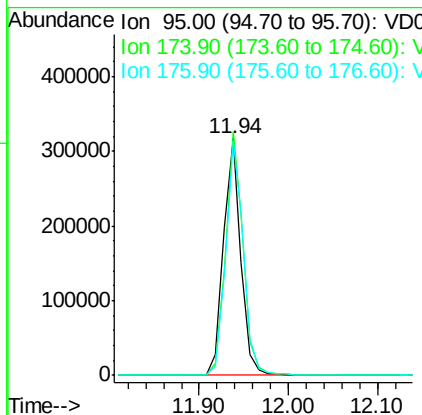
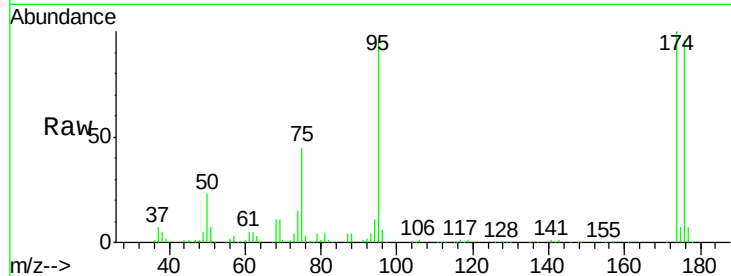




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

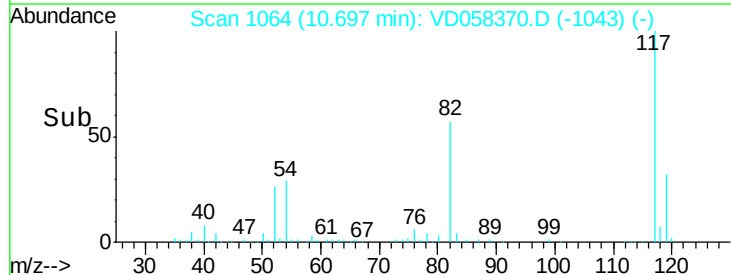
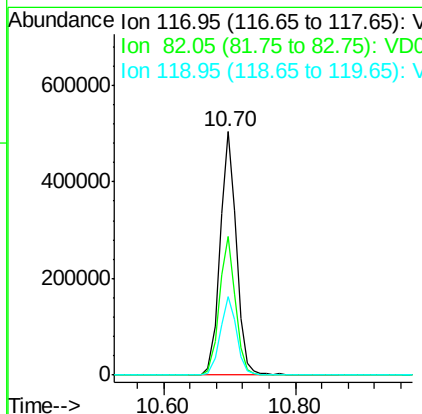
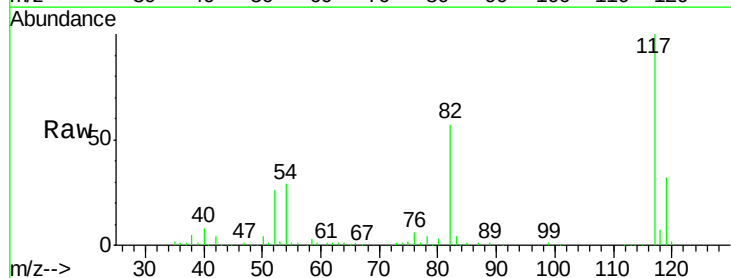
Instrument :
MSVOA_D
ClientSampleId :

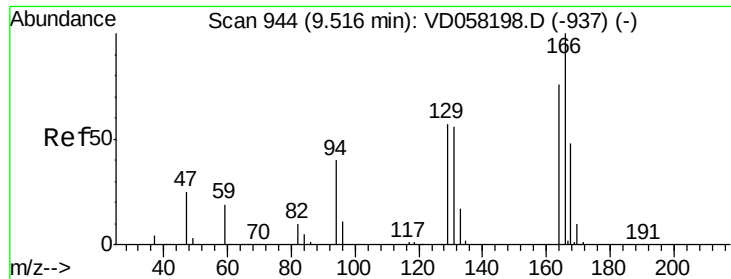
Tot Ion: 95 Resp: 437349
Ion Ratio Lower Upper
95 100
174 102.7 0.0 170.2
176 98.9 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion: 117 Resp: 865460
Ion Ratio Lower Upper
117 100
82 57.0 47.0 70.6
119 32.2 25.3 37.9

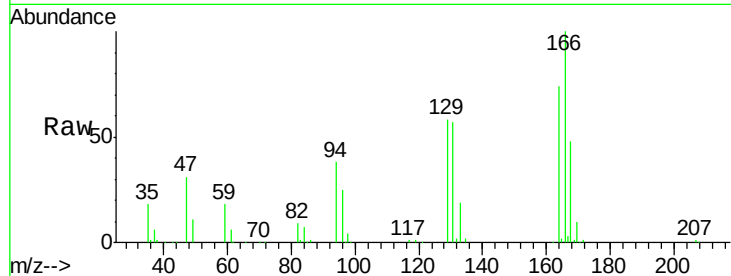




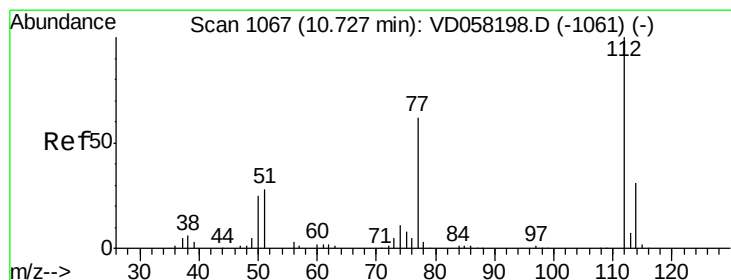
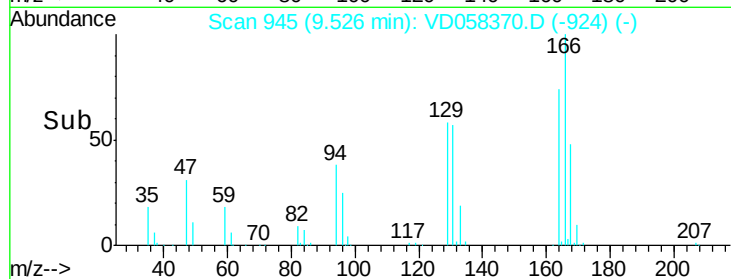
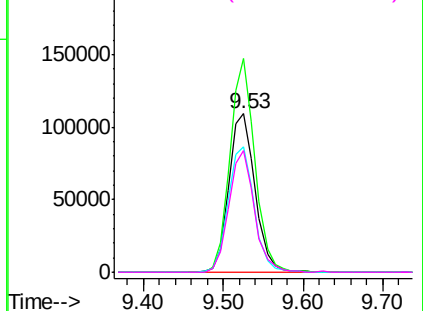
#64
Tetrachloroethene
Concen: 34.454 ug/l
RT: 9.53 min Scan# 945
Delta R.T. 0.01 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:164 Resp: 250898
Ion Ratio Lower Upper
164 100
166 134.6 105.4 158.0
129 78.7 59.6 89.4
131 76.5 59.4 89.2

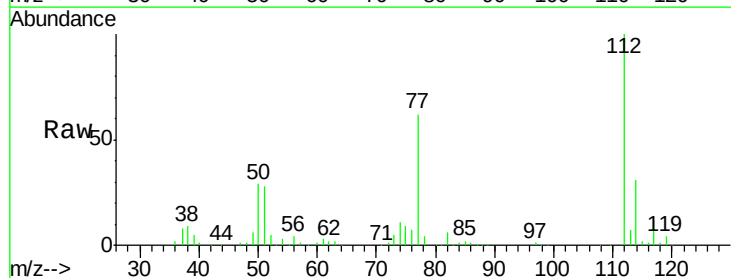


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

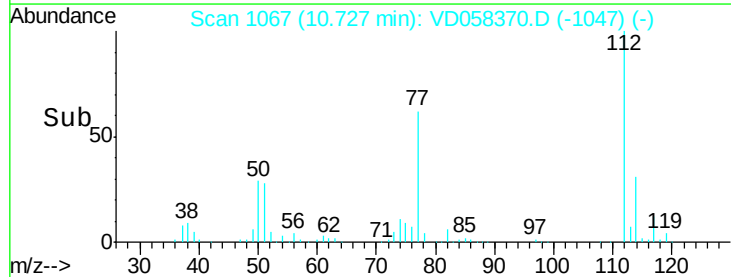
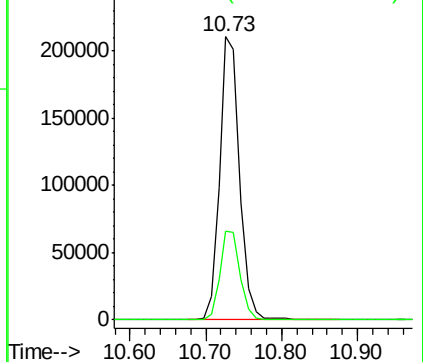


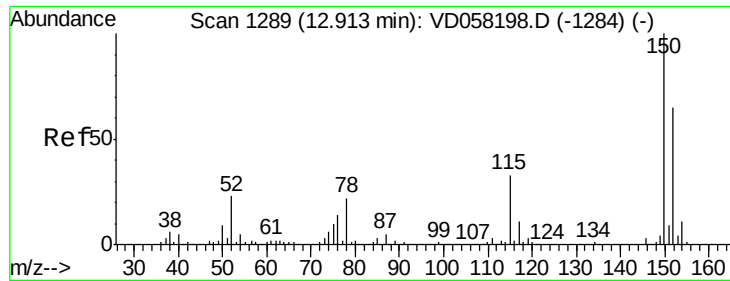
#65
Chlorobenzene
Concen: 23.819 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VD058370.D
Acq: 24 Jun 2018 14:29

Tgt Ion:112 Resp: 385596
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

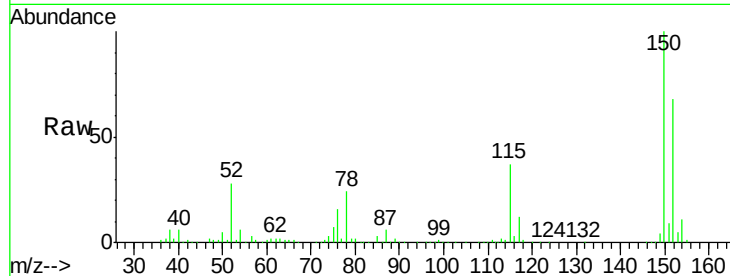




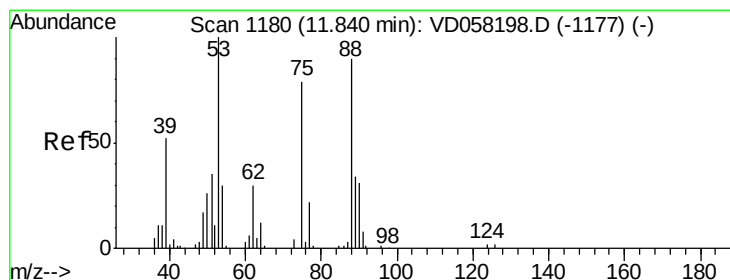
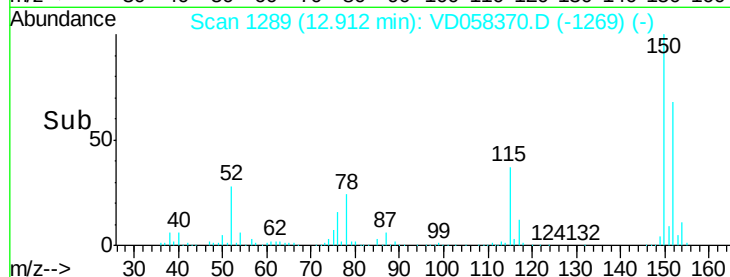
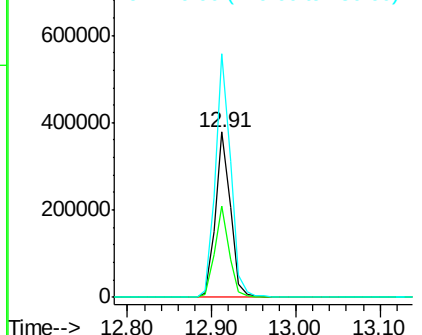
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:152 Resp: 467553
 Ion Ratio Lower Upper
 152 100
 115 55.2 25.1 75.3
 150 147.5 0.0 308.8

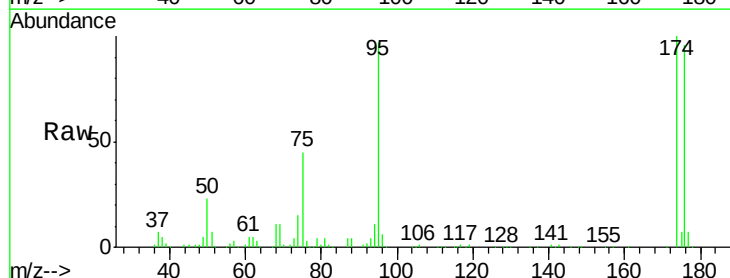


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V

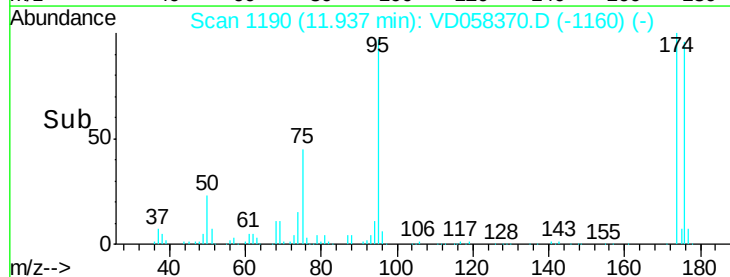
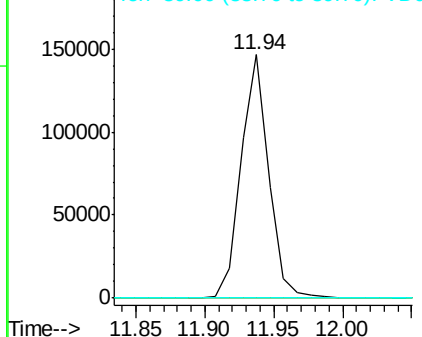


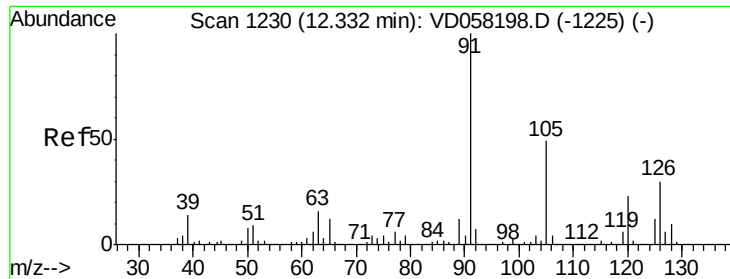
#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.388 ug/l
 RT: 11.94 min Scan# 1190
 Delta R.T. 0.10 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Tgt Ion: 75 Resp: 205430
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.8 151.2#
 89 0.0 34.6 52.0#



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





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.33 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

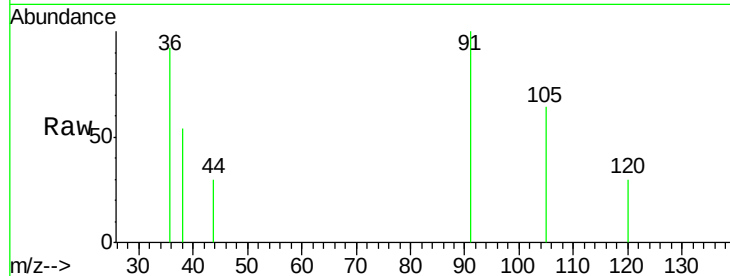
ClientSampleId :

Tot Ion: 91 Resp: 1298

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VD058198.D (-1225) (-)

Ion 125.95 (125.65 to 126.65): VD058198.D (-1225) (-)

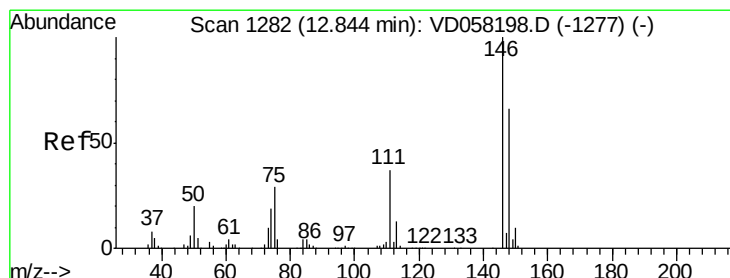
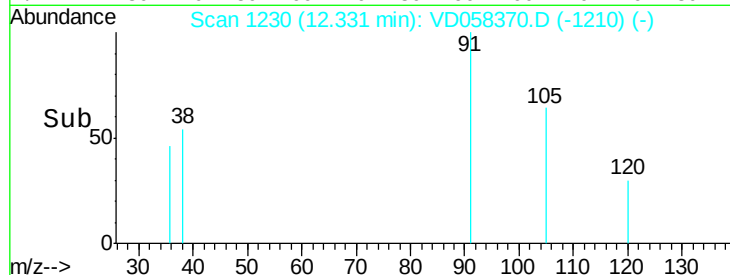
12.33

1000

500

0

Time-->



#87

1,3-Dichlorobenzene

Concen: 1.227 ug/l

RT: 12.84 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

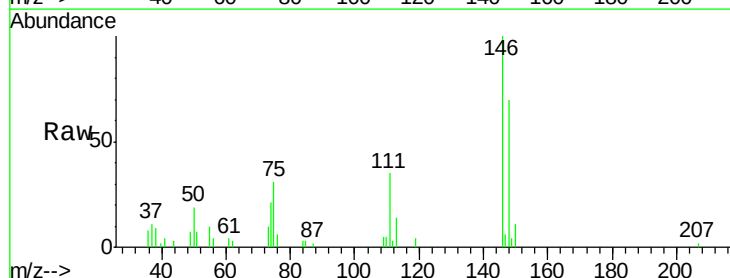
Tgt Ion: 146 Resp: 17867

Ion Ratio Lower Upper

146 100

111 34.9 18.4 55.0

148 70.3 32.8 98.4



Abundance Ion 145.95 (145.65 to 146.65): VD058198.D (-1277) (-)

Ion 110.90 (110.60 to 111.60): VD058198.D (-1277) (-)

Ion 147.90 (147.60 to 148.60): VD058198.D (-1277) (-)

25000

20000

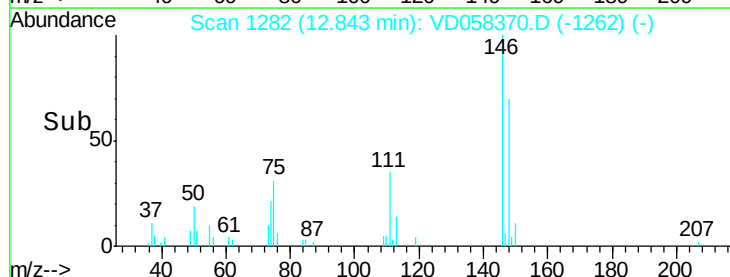
15000

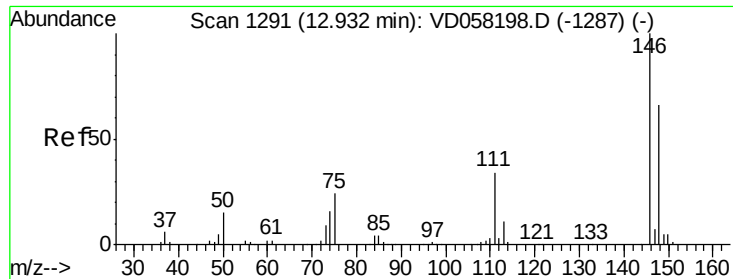
10000

5000

0

Time-->





#88

1,4-Dichlorobenzene

Concen: 3.715 ug/l

RT: 12.93 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

Instrument :

MSVOA_D

ClientSampled :

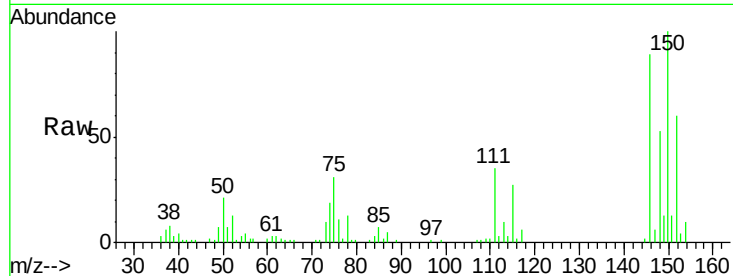
Tot Ion:146 Resp: 52800

Ion Ratio Lower Upper

146 100

111 39.7 17.2 51.5

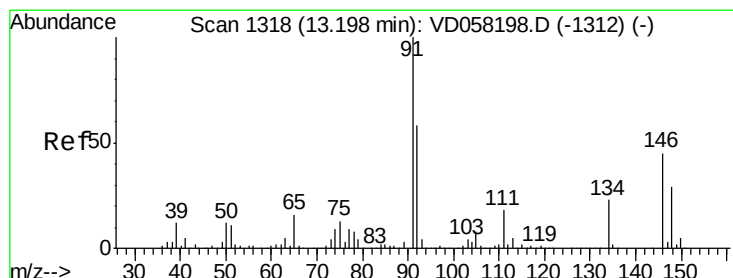
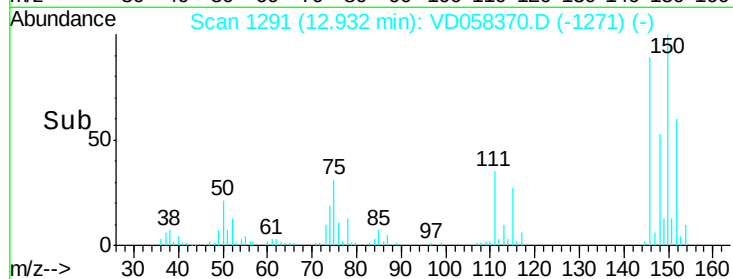
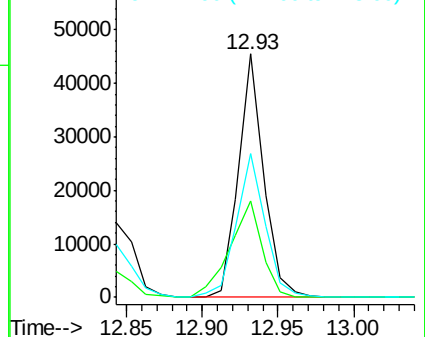
148 59.1 33.1 99.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 11.063 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. -0.00 min

Lab File: VD058370.D

Acq: 24 Jun 2018 14:29

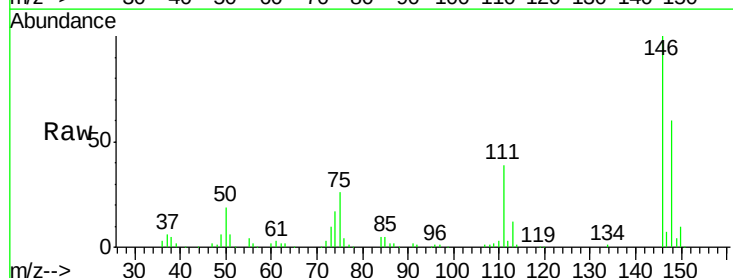
Tgt Ion:146 Resp: 137036

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.7

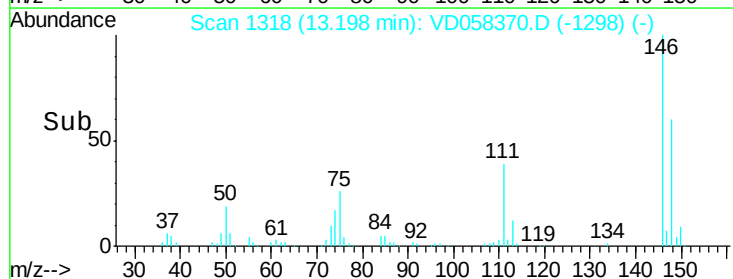
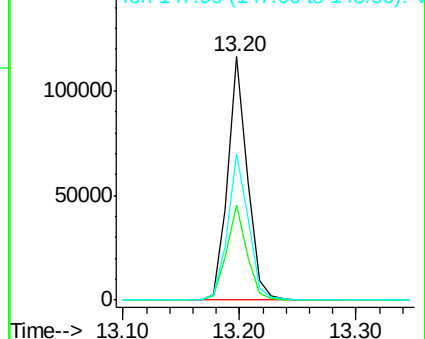
148 60.2 32.0 96.2

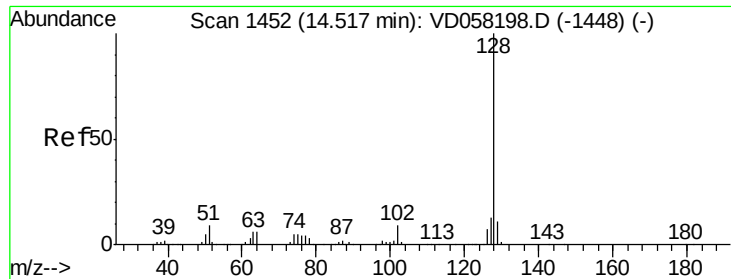


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

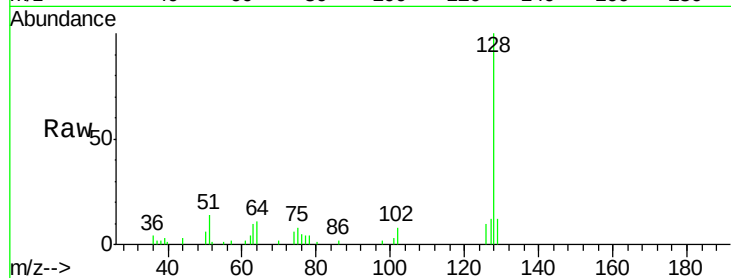




#95
 Naphthalene
 Concen: 1.865 ug/l
 RT: 14.52 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VD058370.D
 Acq: 24 Jun 2018 14:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:128 Resp: 29098
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.0 15.0
 129 11.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

