

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
 Data File : VD058355.D
 Acq On : 23 Jun 2018 21:56
 Operator : VA/AP
 Sample : J3671-06
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 25 01:12:59 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	681652	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.71	114	917195	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	753903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	392480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	438720	63.72	ug/l	0.03
Spiked Amount	50.000		Recovery	=	127.44%	
35) Dibromofluoromethane	5.56	113	436301	58.45	ug/l	0.02
Spiked Amount	50.000		Recovery	=	116.90%	
50) Toluene-d8	8.72	98	1016434	56.28	ug/l	0.02
Spiked Amount	50.000		Recovery	=	112.56%	
62) 4-Bromofluorobenzene	11.93	95	427181	57.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.80%	

Target Compounds

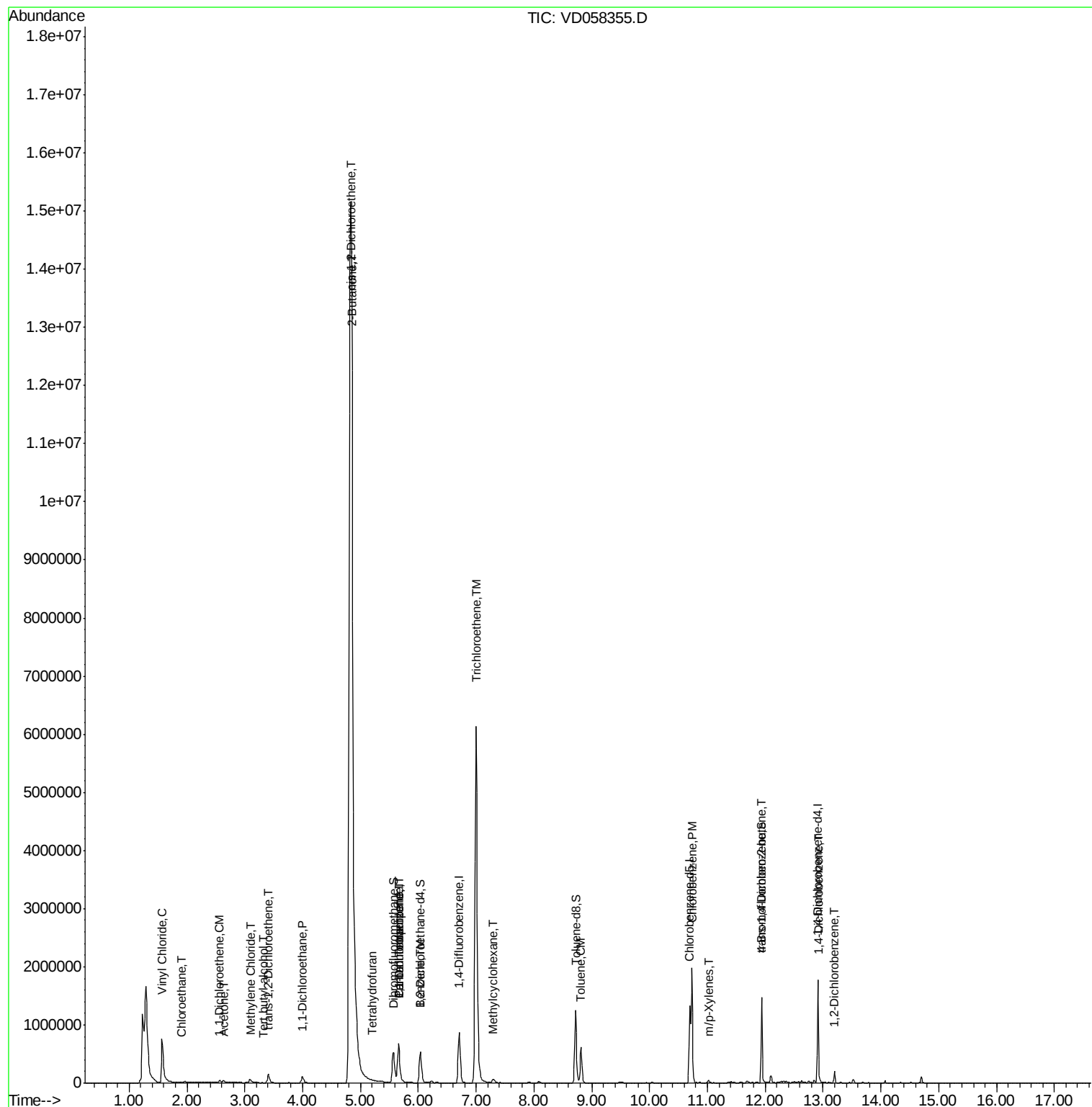
						Qvalue
2) Dichlorodifluoromethane	1.36	85	562	Below Cal	#	43
3) Chloromethane	1.50	50	515	Below Cal	#	43
4) Vinyl Chloride	1.57	62	1031312	288.81	ug/l	97
6) Chloroethane	1.90	64	4806	4.46	ug/l #	73
11) Tert butyl alcohol	3.32	59	455	2.00	ug/l #	78
12) 1,1-Dichloroethene	2.57	96	15260	6.52	ug/l	93
16) Acetone	2.63	43	66588	70.72	ug/l #	83
20) Methylene Chloride	3.09	84	27018	6.88	ug/l	94
21) trans-1,2-Dichloroethene	3.41	96	75783	29.61	ug/l	90
24) 1,1-Dichloroethane	4.00	63	182297	15.63	ug/l	98
25) 2-Butanone	4.87	43	5507	2.68	ug/l #	1
27) cis-1,2-Dichloroethene	4.84	96	13823191	2161.28	ug/l	87
29) Tetrahydrofuran	5.21	42	4512	4.13	ug/l #	60
31) Cyclohexane	5.66	56	31232	Below Cal	#	1
36) 1,1-Dichloropropene	5.66	75	58368	6.43	ug/l #	49
38) Carbon Tetrachloride	5.66	117	54821	6.08	ug/l #	16
39) Methylcyclohexane	7.30	83	29587	3.35	ug/l	89
40) Benzene	6.04	78	114338	5.29	ug/l	99
44) Trichloroethene	7.00	130	2746366	423.16	ug/l	97
52) Toluene	8.81	92	322059	26.17	ug/l	99
65) Chlorobenzene	10.73	112	963446	68.32	ug/l	97
68) m/p-Xylenes	11.02	106	15260	1.84	ug/l	76
81) trans-1,4-Dichloro-2-buten	11.93	75	202765	145.08	ug/l #	1
82) 4-Chlorotoluene	12.33	91	4314	Below Cal		94
88) 1,4-Dichlorobenzene	12.93	146	21771	1.82	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	55910	5.38	ug/l	96

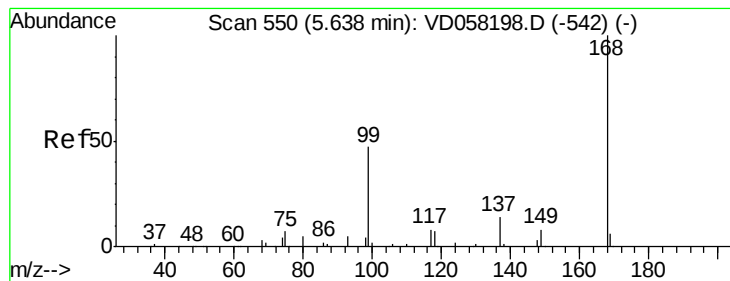
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062318\
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Quant Time: Jun 25 01:12:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 552

Delta R.T. 0.03 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

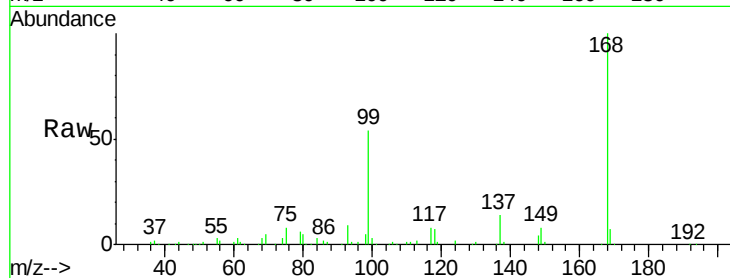
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 681652

Ion Ratio Lower Upper

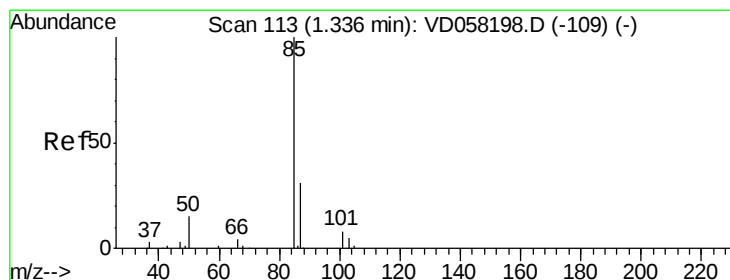
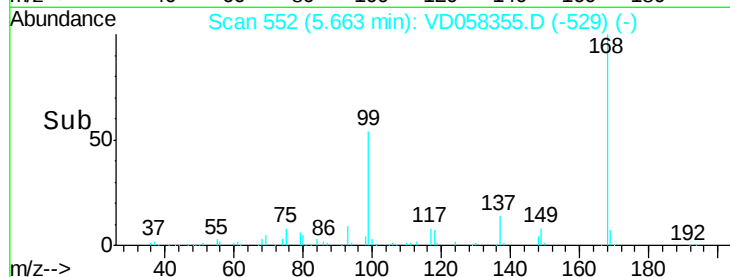
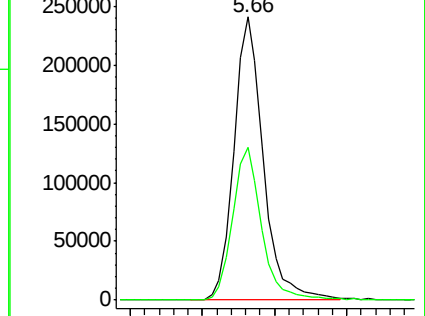
168 100

99 53.8 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: 1.36 min Scan# 115

Delta R.T. 0.03 min

Lab File: VD058355.D

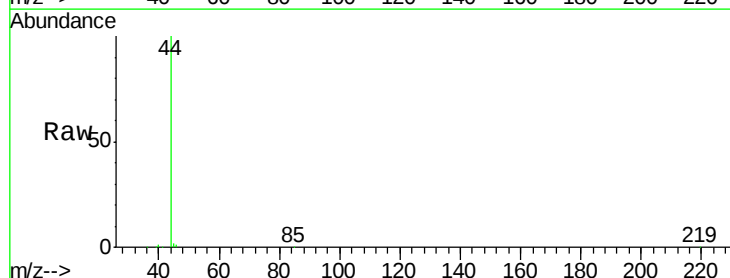
Acq: 23 Jun 2018 21:56

Tgt Ion: 85 Resp: 562

Ion Ratio Lower Upper

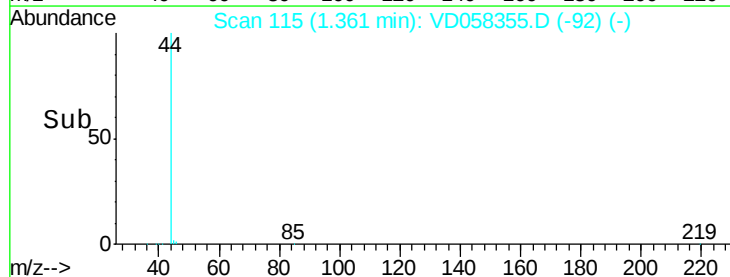
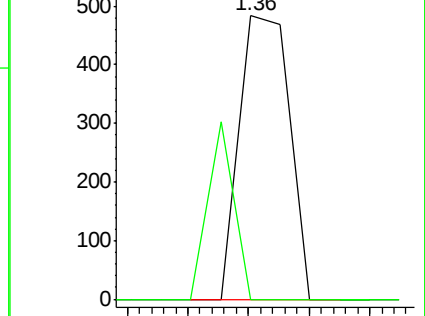
85 100

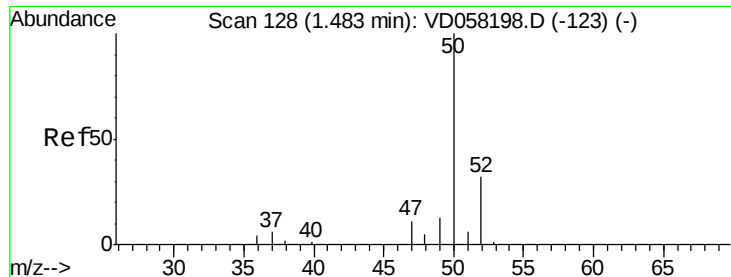
87 0.0 15.7 47.0#



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: 1.50 min Scan# 129

Delta R.T. 0.02 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

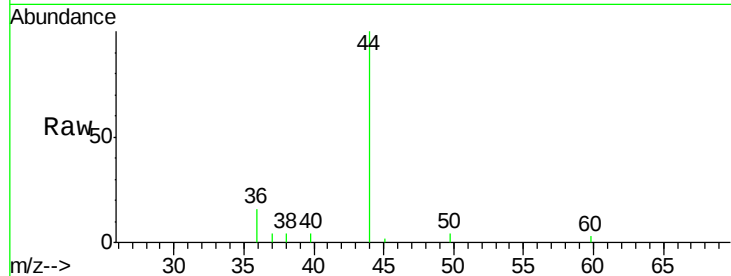
ClientSampled :

Tot Ion: 50 Resp: 515

Ion Ratio Lower Upper

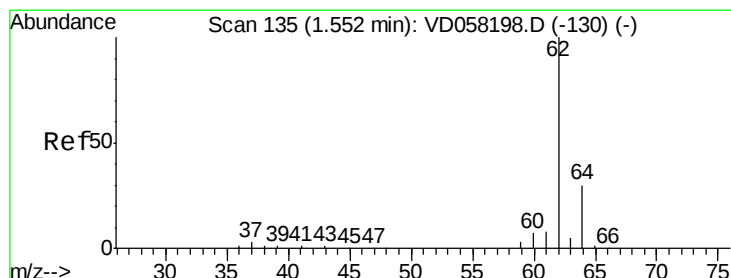
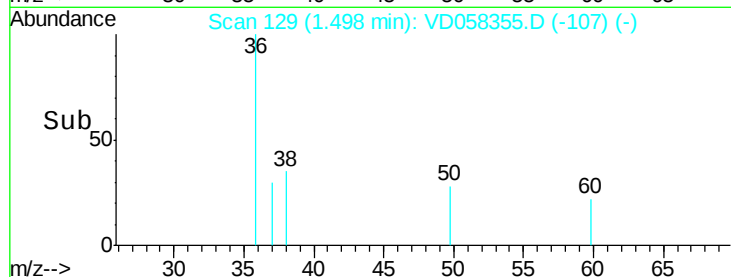
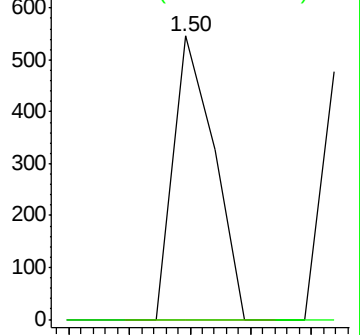
50 100

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: 288.81 ug/l

RT: 1.57 min Scan# 136

Delta R.T. 0.02 min

Lab File: VD058355.D

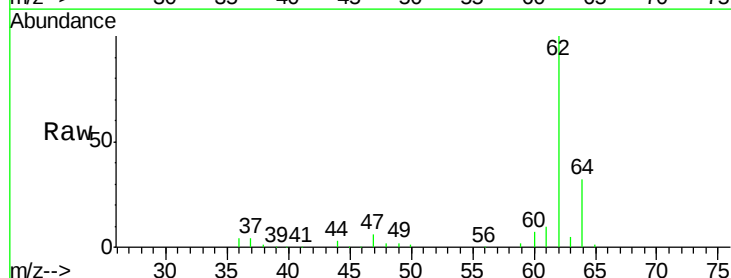
Acq: 23 Jun 2018 21:56

Tgt Ion: 62 Resp: 1031312

Ion Ratio Lower Upper

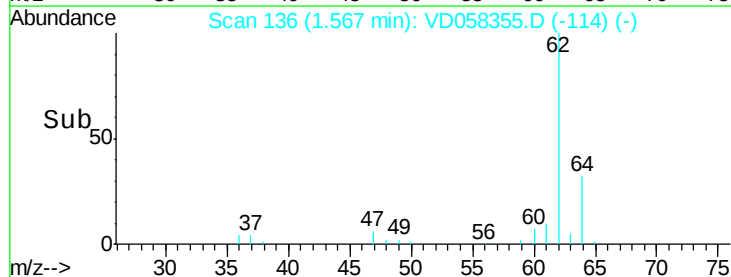
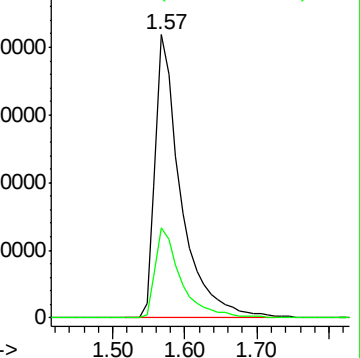
62 100

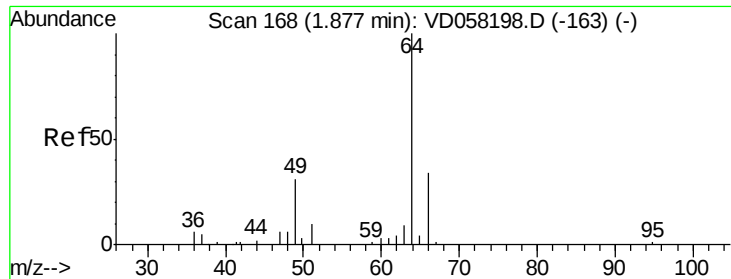
64 31.9 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#6

Chloroethane

Concen: 4.46 ug/l

RT: 1.90 min Scan# 170

Delta R.T. 0.03 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

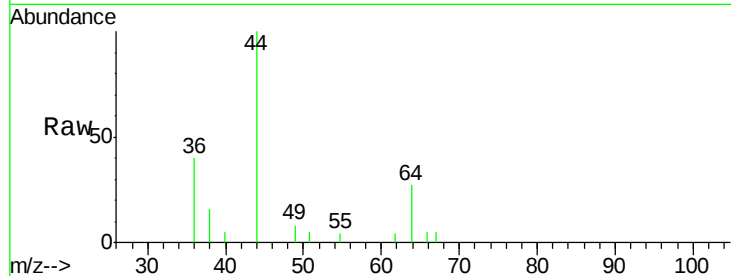
ClientSampleId :

Tot Ion: 64 Resp: 4806

Ion Ratio Lower Upper

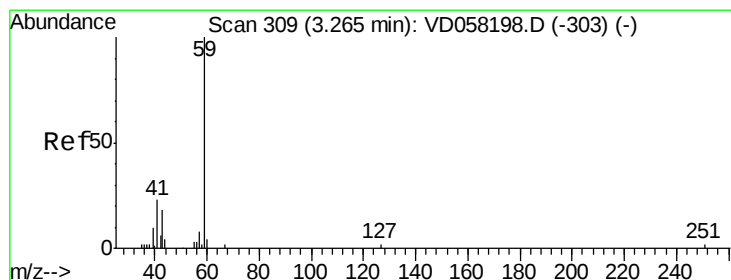
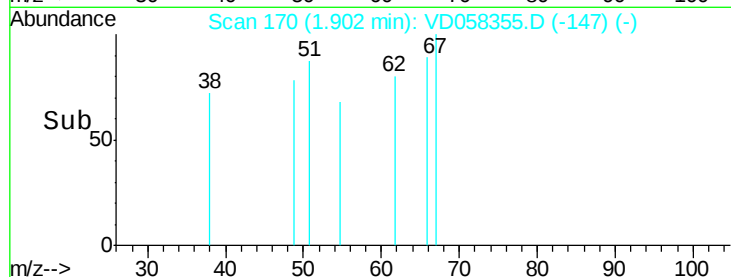
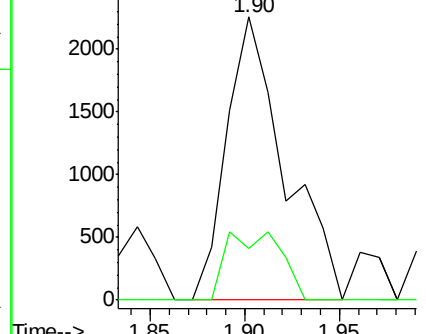
64 100

66 18.4 27.3 40.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#11

Tert butyl alcohol

Concen: 2.00 ug/l

RT: 3.32 min Scan# 314

Delta R.T. 0.05 min

Lab File: VD058355.D

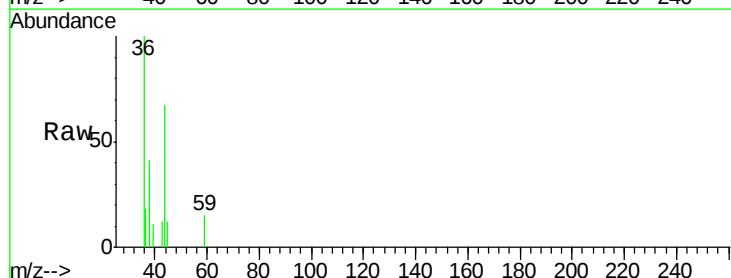
Acq: 23 Jun 2018 21:56

Tgt Ion: 59 Resp: 455

Ion Ratio Lower Upper

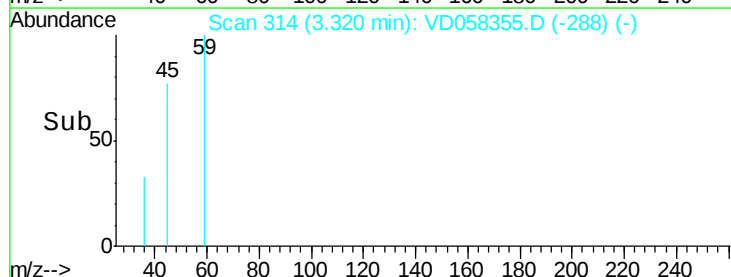
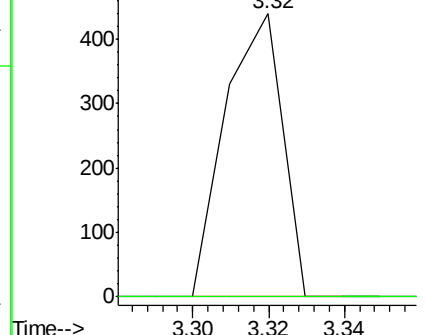
59 100

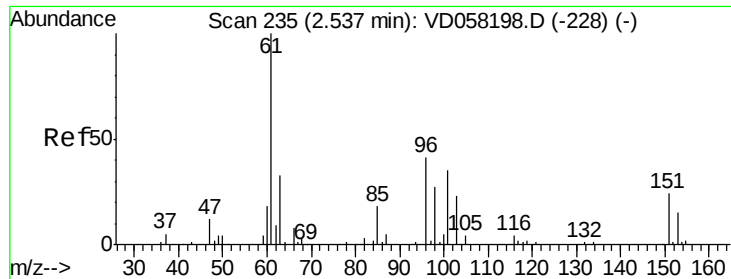
57 0.0 6.2 9.4#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#12

1,1-Dichloroethene

Concen: 6.52 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.03 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

ClientSampleId :

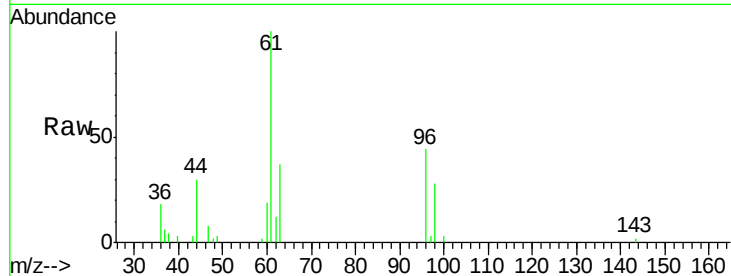
Tot Ion: 96 Resp: 15260

Ion Ratio Lower Upper

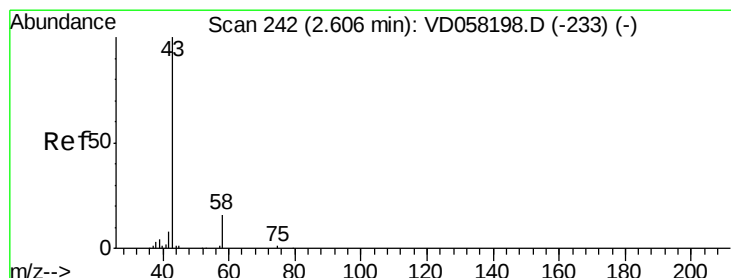
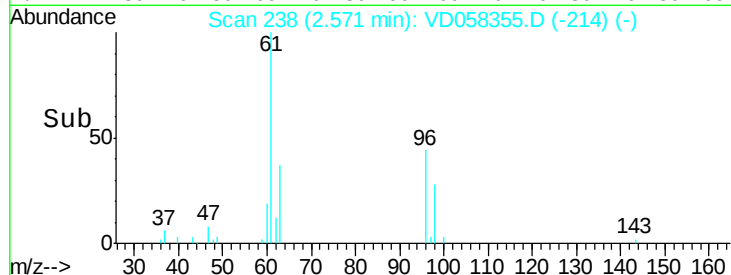
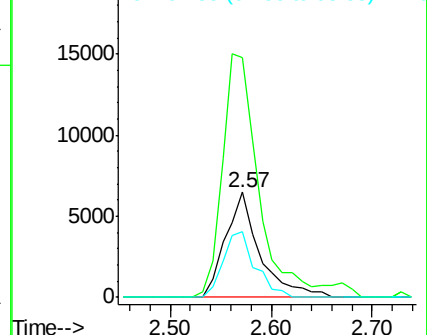
96 100

61 228.6 193.9 290.9

98 63.0 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



#16

Acetone

Concen: 70.72 ug/l

RT: 2.63 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD058355.D

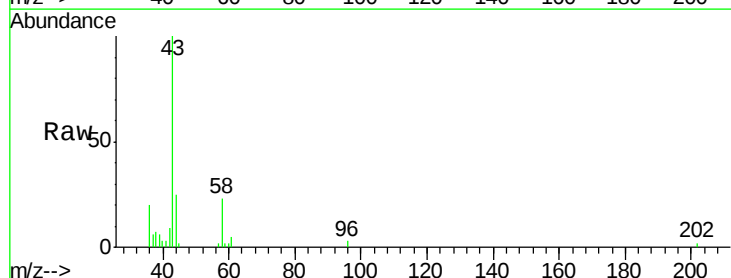
Acq: 23 Jun 2018 21:56

Tgt Ion: 43 Resp: 66588

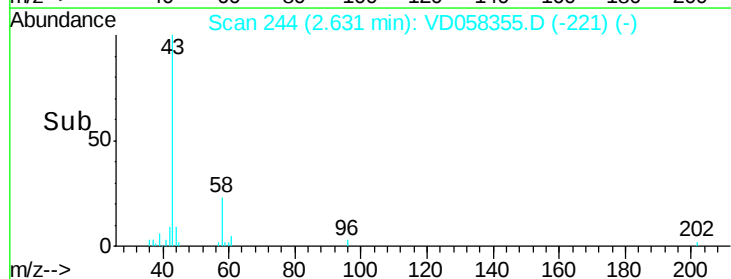
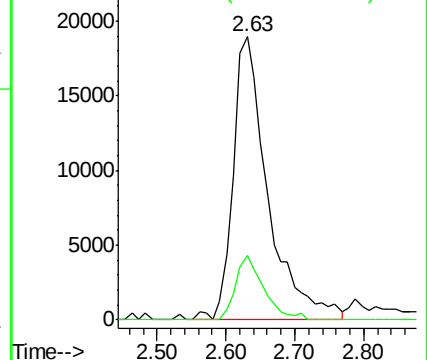
Ion Ratio Lower Upper

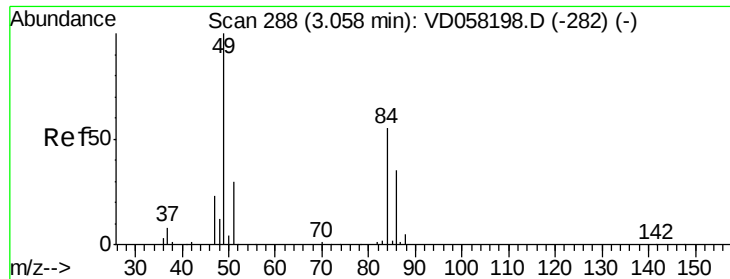
43 100

58 23.0 12.7 19.1#



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

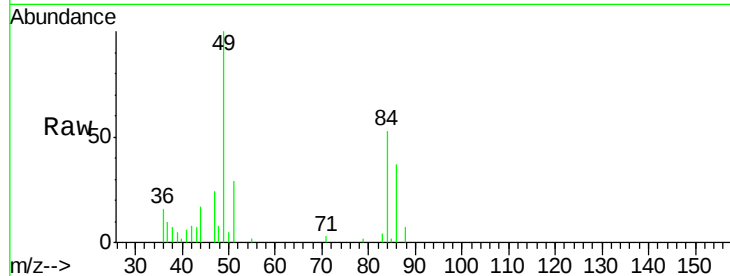




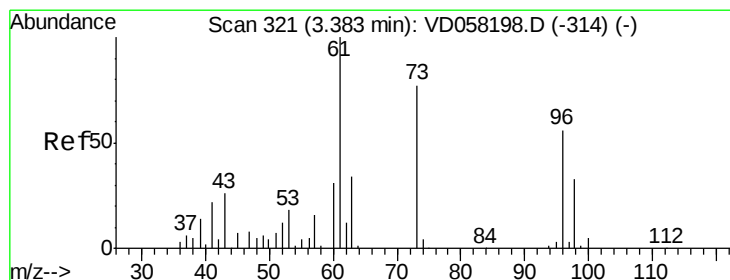
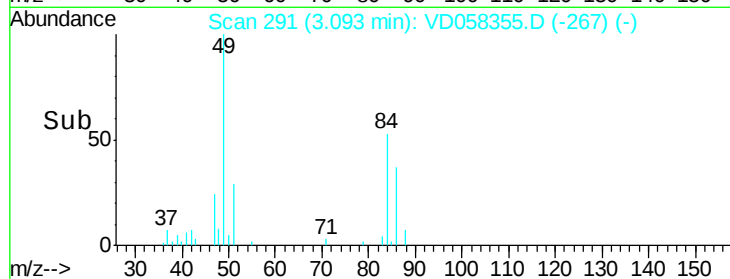
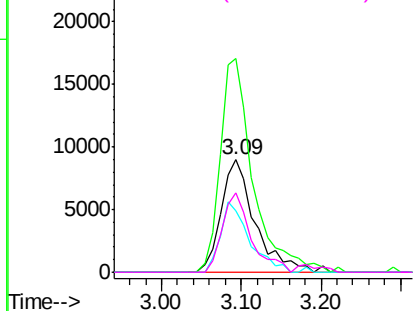
#20
Methvlene Chloride
Concen: 6.88 ug/l
RT: 3.09 min Scan# 291
Delta R.T. 0.04 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 27018
Ion Ratio Lower Upper
84 100
49 189.8 145.0 217.6
51 55.1 42.9 64.3
86 70.3 50.1 75.1

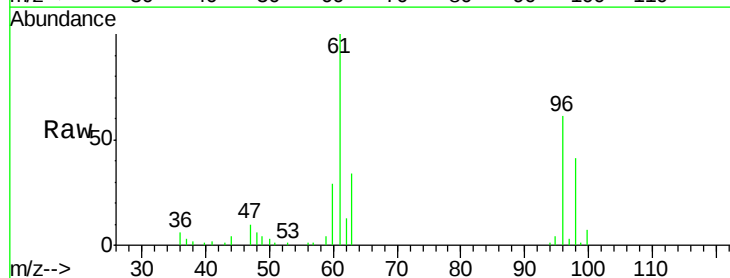


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

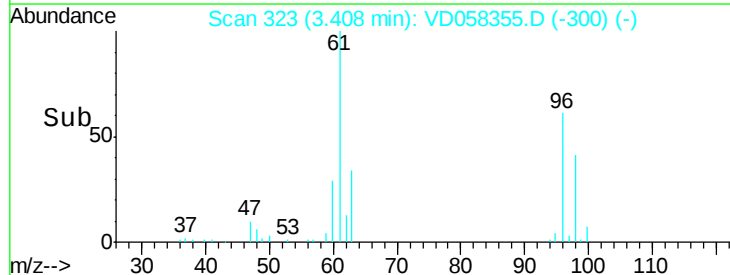
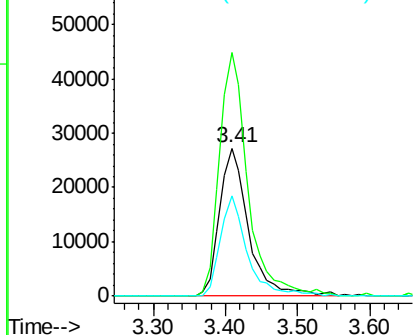


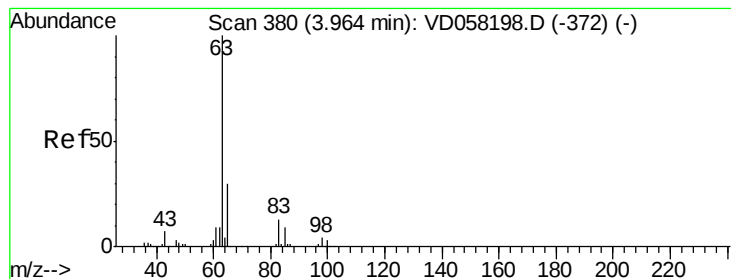
#21
trans-1,2-Dichloroethene
Concen: 29.61 ug/l
RT: 3.41 min Scan# 323
Delta R.T. 0.03 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Tgt Ion: 96 Resp: 75783
Ion Ratio Lower Upper
96 100
61 164.8 143.8 215.6
98 67.7 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: 15.63 ug/l

RT: 4.00 min Scan# 383

Delta R.T. 0.03 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

ClientSampleId :

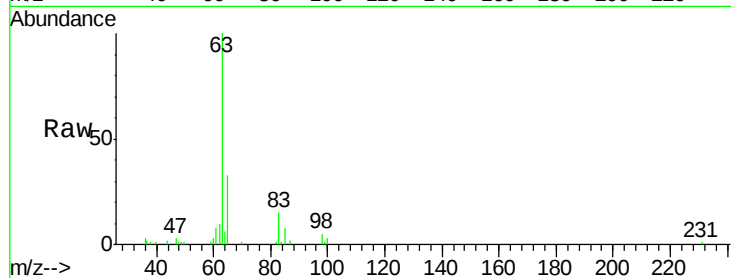
Tot Ion: 63 Resp: 182297

Ion Ratio Lower Upper

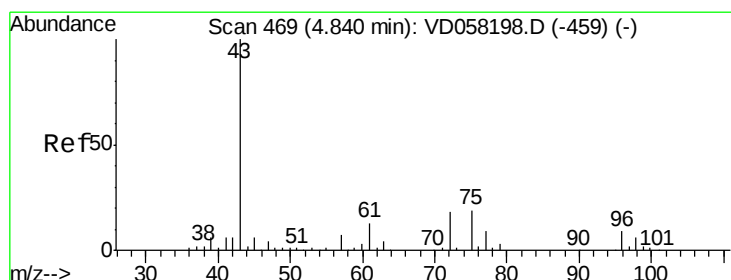
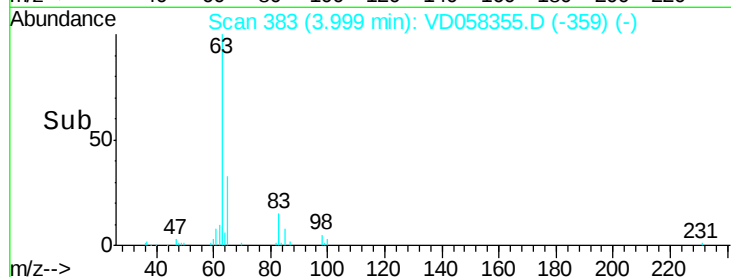
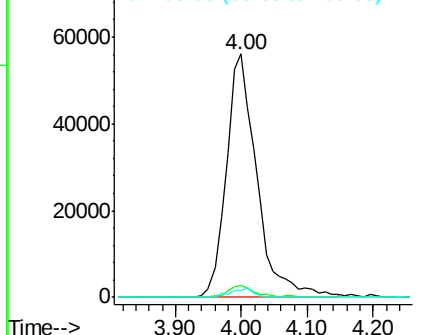
63 100

98 4.7 1.9 5.7

100 2.9 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: 2.68 ug/l

RT: 4.87 min Scan# 471

Delta R.T. 0.03 min

Lab File: VD058355.D

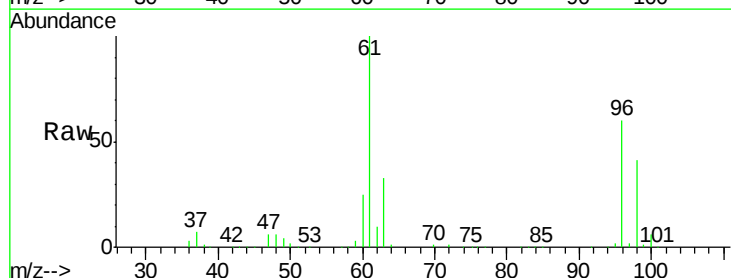
Acq: 23 Jun 2018 21:56

Tgt Ion: 43 Resp: 5507

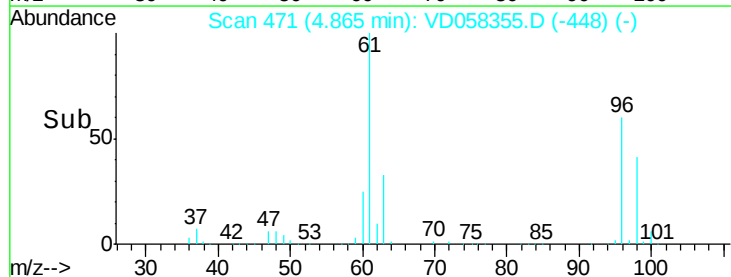
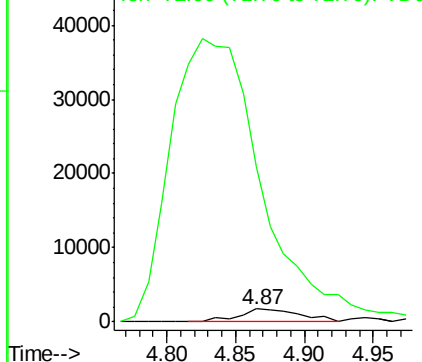
Ion Ratio Lower Upper

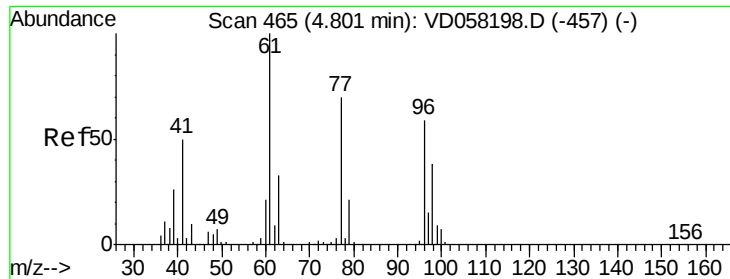
43 100

72 1227.3 14.1 21.1#



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



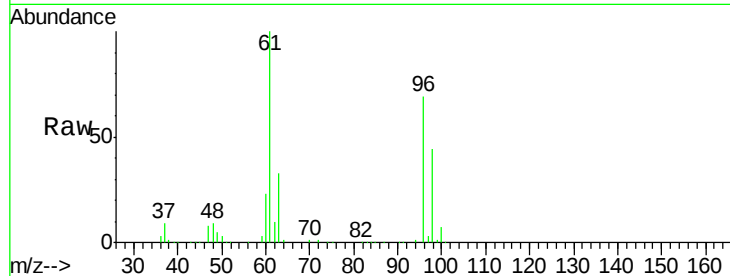


#27

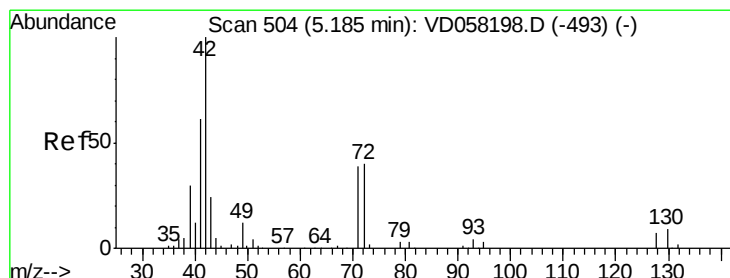
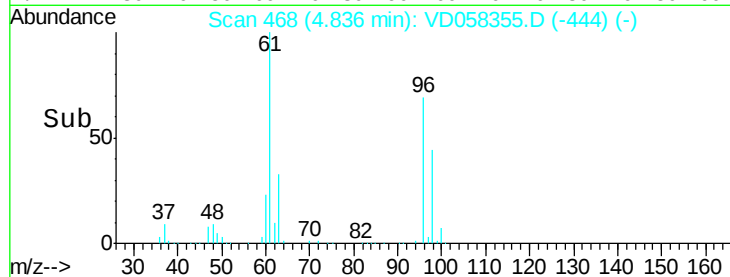
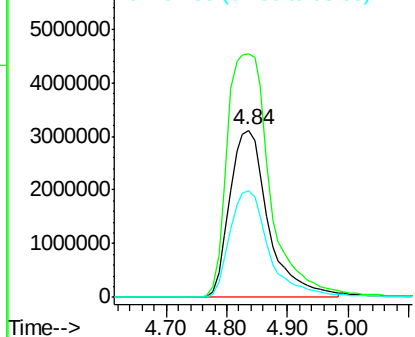
cis-1,2-Dichloroethene
 Concen: 2161.28 ug/l
 RT: 4.84 min Scan# 468
 Delta R.T. 0.03 min
 Lab File: VD058355.D
 Acq: 23 Jun 2018 21:56

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion: 96 Resp:13823191
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 338.6
 98 63.7 0.0 130.2



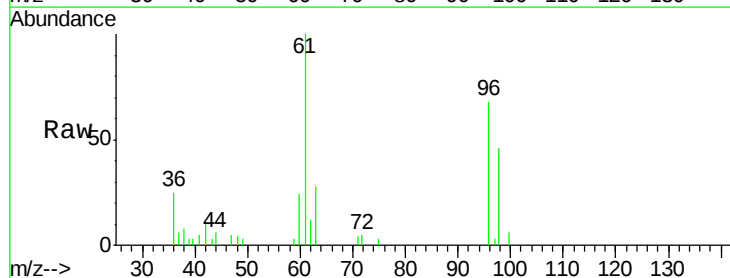
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC



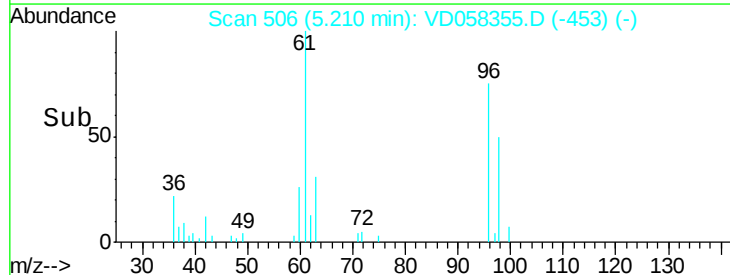
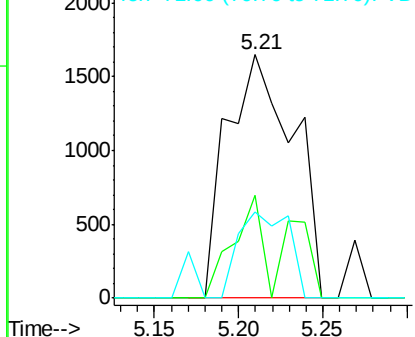
#29

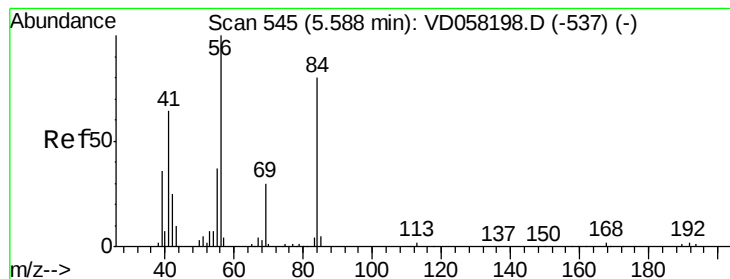
Tetrahydrofuran
 Concen: 4.13 ug/l
 RT: 5.21 min Scan# 506
 Delta R.T. 0.03 min
 Lab File: VD058355.D
 Acq: 23 Jun 2018 21:56

Tgt Ion: 42 Resp: 4512
 Ion Ratio Lower Upper
 42 100
 72 0.0 30.2 45.2#
 71 27.0 30.1 45.1#



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





#31

Cyclohexane

Concen: Below Cal

RT: 5.66 min Scan# 552

Delta R.T. 0.07 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :
MSVOA_D
ClientSampleId :

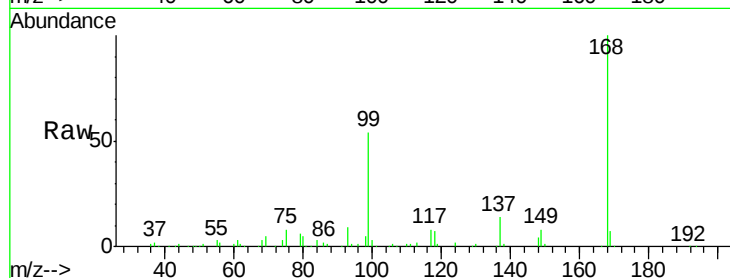
Tot Ion: 56 Resp: 31232

Ion Ratio Lower Upper

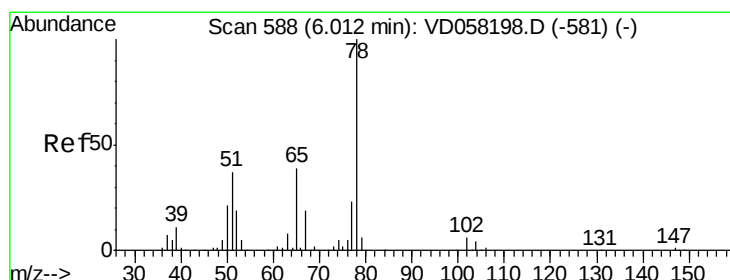
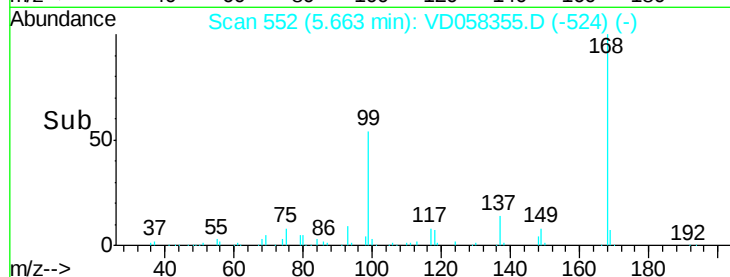
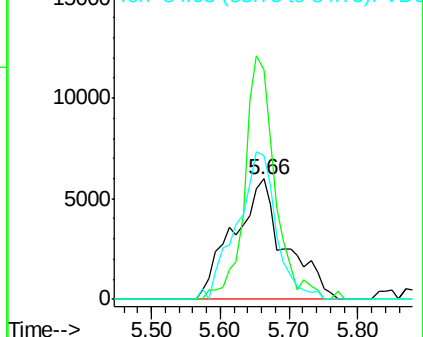
56 100

69 190.8 23.6 35.4#

84 119.6 65.2 97.8#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.04 min Scan# 590

Delta R.T. 0.03 min

Lab File: VD058355.D

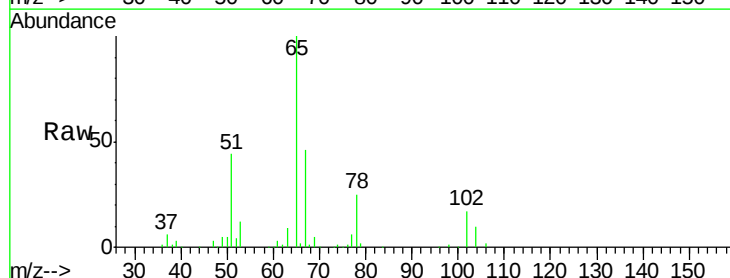
Acq: 23 Jun 2018 21:56

Tgt Ion: 65 Resp: 438720

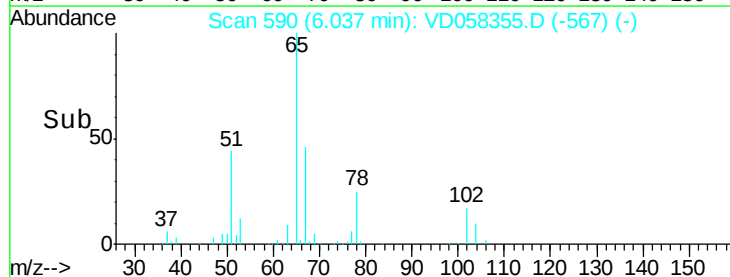
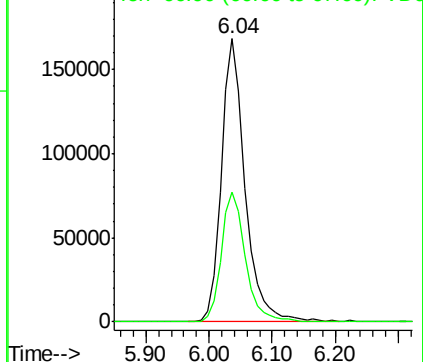
Ion Ratio Lower Upper

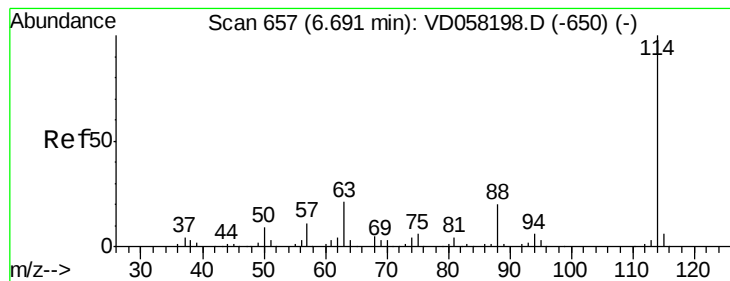
65 100

67 46.0 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.71 min Scan# 658

Delta R.T. 0.02 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

ClientSampleId :

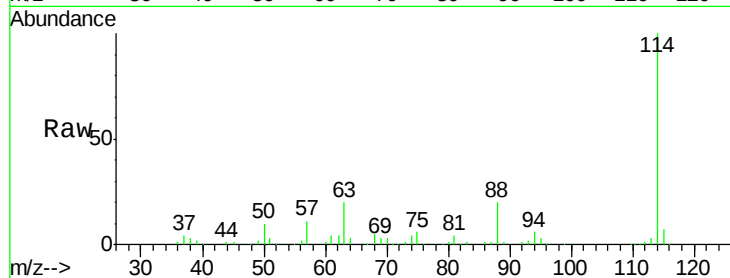
Tot Ion:114 Resp: 917195

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

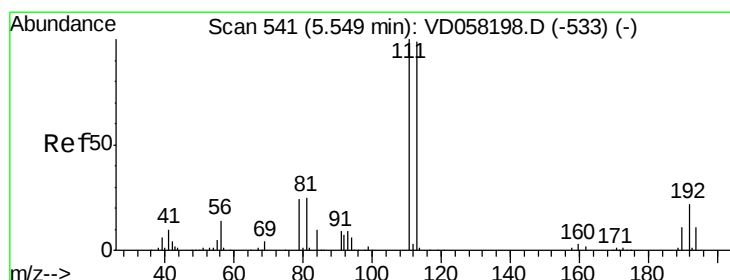
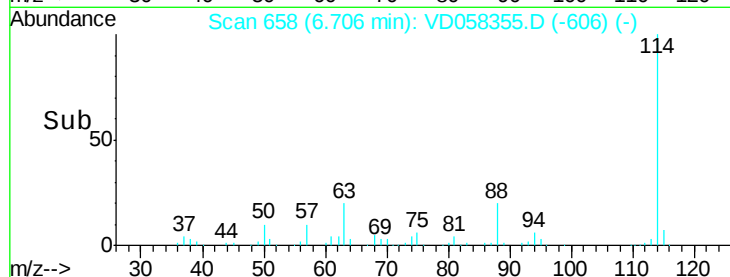
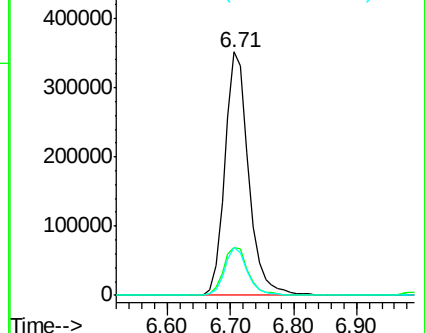
88 19.6 0.0 40.6



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: 50.00 ug/l

RT: 5.56 min Scan# 542

Delta R.T. 0.02 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

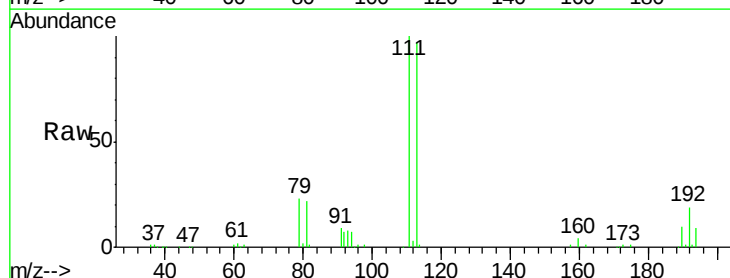
Tgt Ion:113 Resp: 436301

Ion Ratio Lower Upper

113 100

111 103.5 80.6 121.0

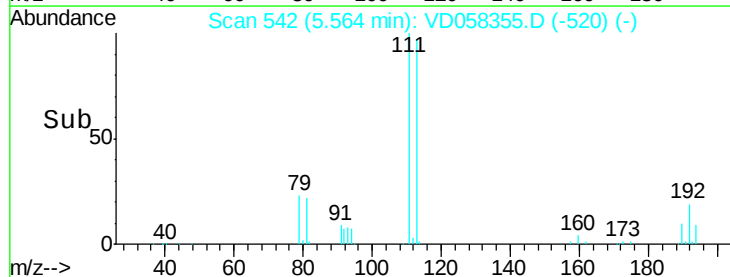
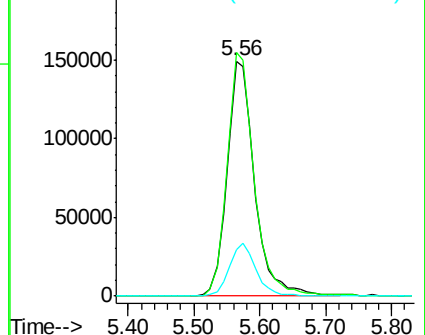
192 19.9 17.8 26.6

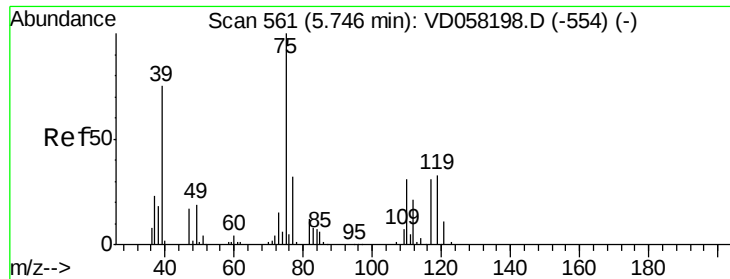


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#36

1,1-Dichloropropene

Concen: 6.43 ug/l

RT: 5.66 min Scan# 552

Delta R.T. -0.08 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :
MSVOA_D
ClientSampled :

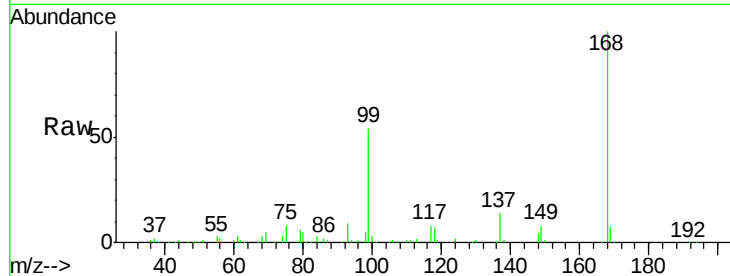
Tot Ion: 75 Resp: 58368

Ion Ratio Lower Upper

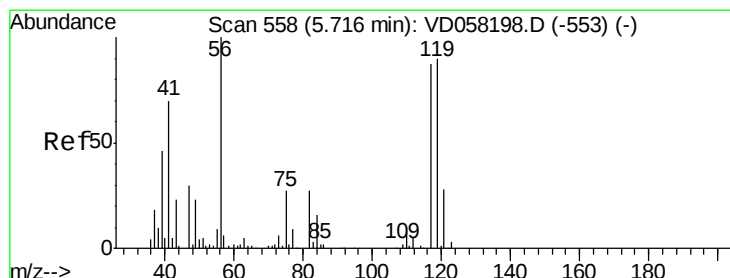
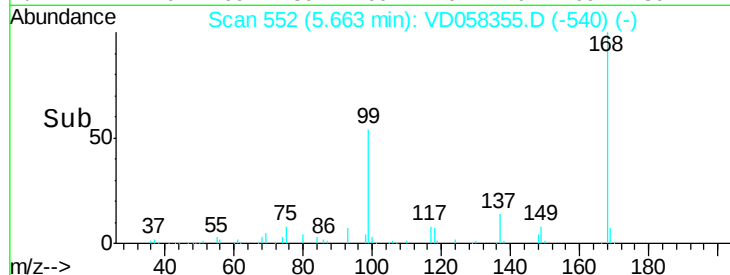
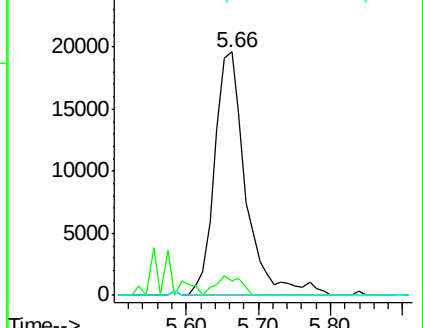
75 100

110 6.2 15.4 46.4#

77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): VDC
Ion 76.95 (76.65 to 77.65): VDC



#38

Carbon Tetrachloride

Concen: 6.08 ug/l

RT: 5.66 min Scan# 552

Delta R.T. -0.05 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

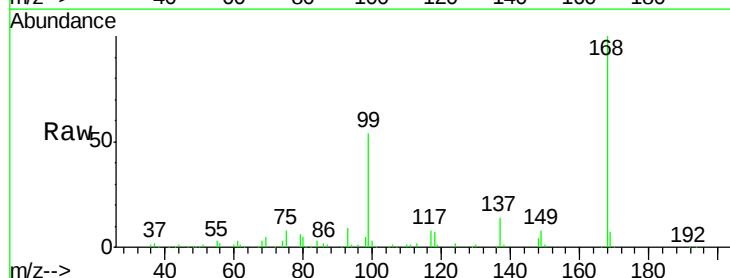
Tgt Ion: 117 Resp: 54821

Ion Ratio Lower Upper

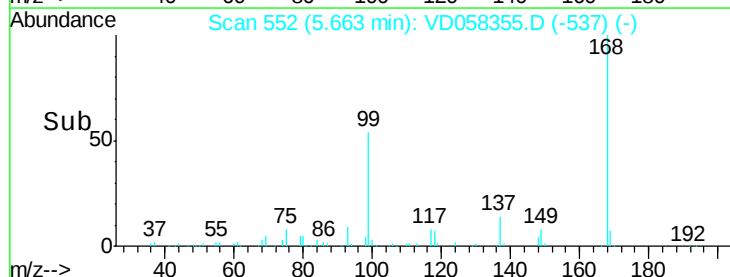
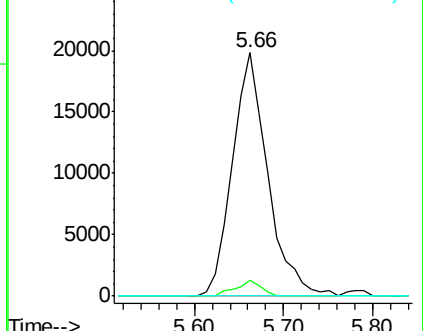
117 100

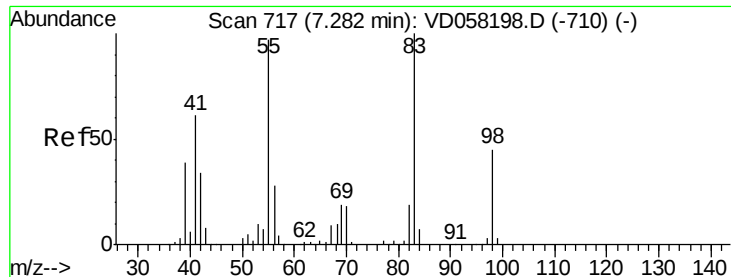
119 6.6 78.8 118.2#

121 0.0 25.0 37.6#



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

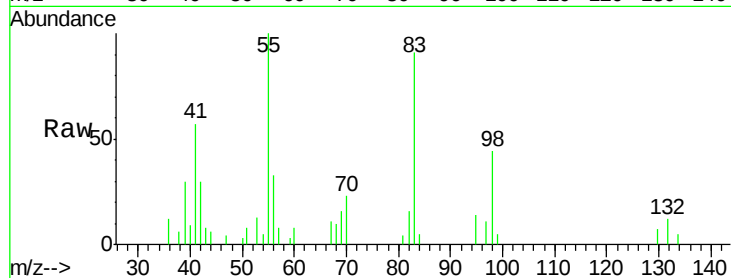




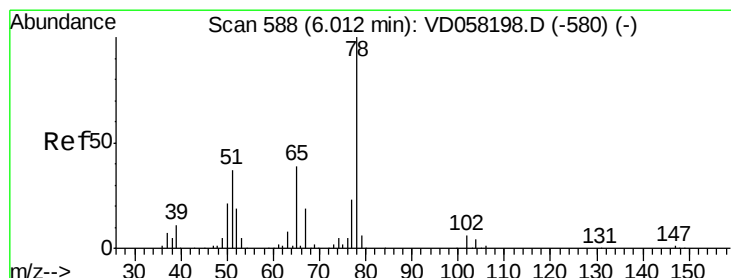
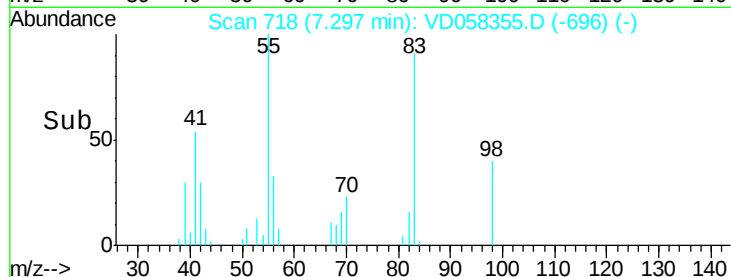
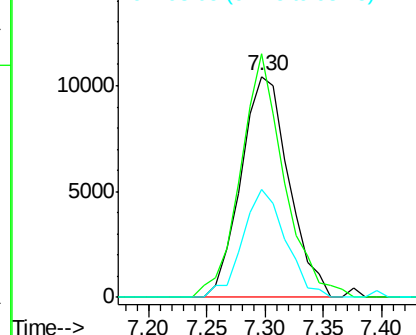
#39
Methvlcvclohexane
Concen: 3.35 ug/l
RT: 7.30 min Scan# 718
Delta R.T. 0.02 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 83 Resp: 29587
Ion Ratio Lower Upper
83 100
55 110.2 77.4 116.2
98 48.8 35.9 53.9

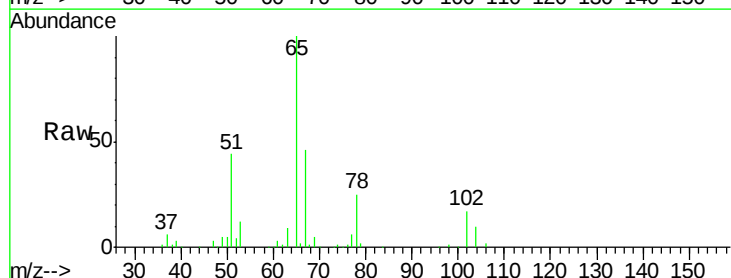


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

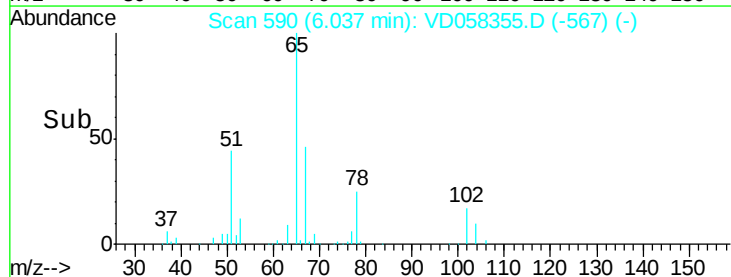
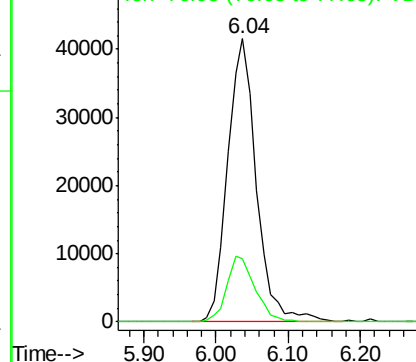


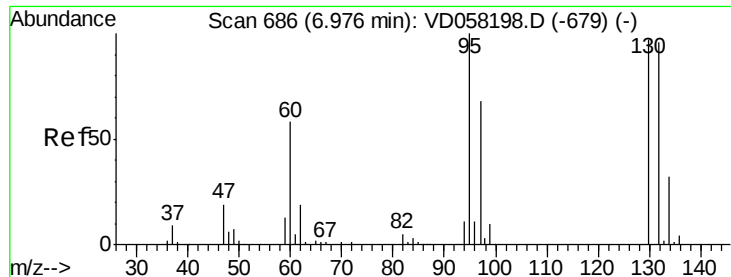
#40
Benzene
Concen: 5.29 ug/l
RT: 6.04 min Scan# 590
Delta R.T. 0.03 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Tgt Ion: 78 Resp: 114338
Ion Ratio Lower Upper
78 100
77 22.5 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: 423.16 ug/l

RT: 7.00 min Scan# 688

Delta R.T. 0.03 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

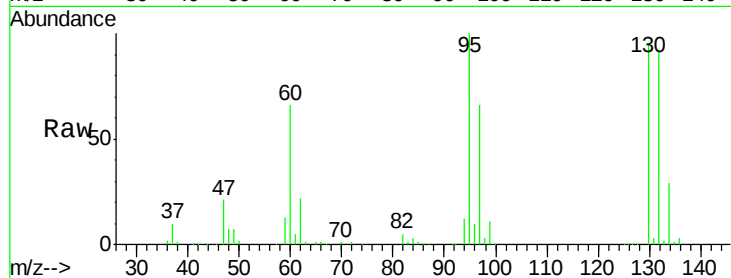
ClientSampled :

Tot Ion:130 Resp: 2746366

Ion Ratio Lower Upper

130 100

95 105.5 0.0 205.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

1200000

1000000

800000

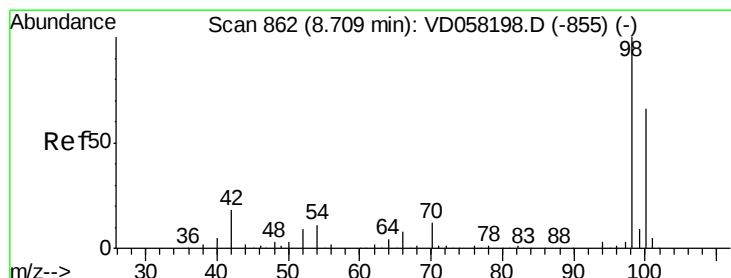
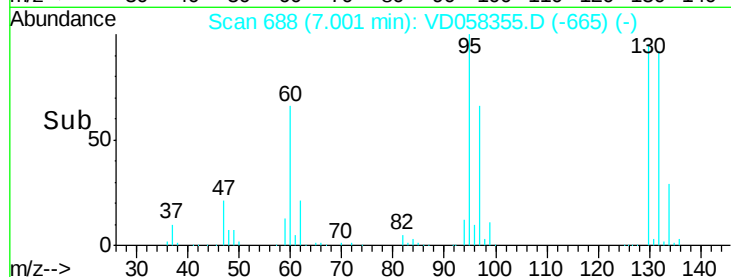
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.72 min Scan# 863

Delta R.T. 0.02 min

Lab File: VD058355.D

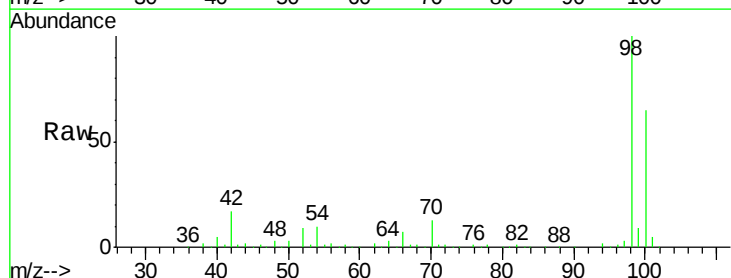
Acq: 23 Jun 2018 21:56

Tgt Ion: 98 Resp: 1016434

Ion Ratio Lower Upper

98 100

100 65.0 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

500000

400000

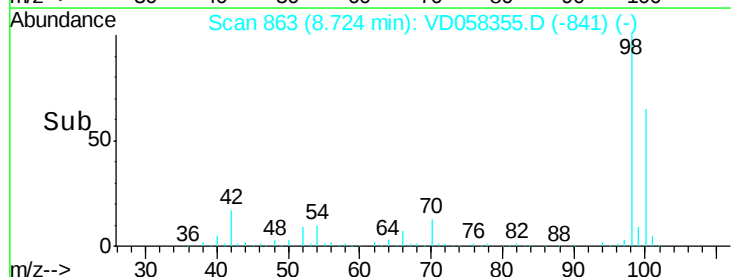
300000

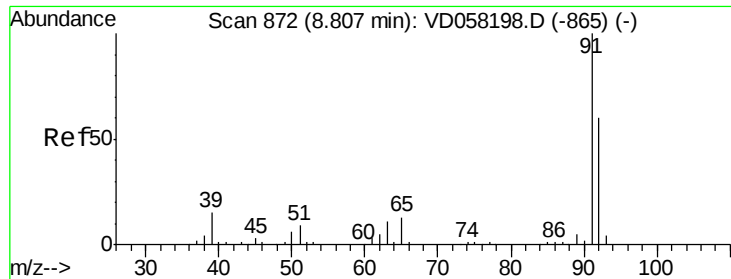
200000

100000

0

Time-->





#52

Toluene

Concen: 26.17 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.01 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

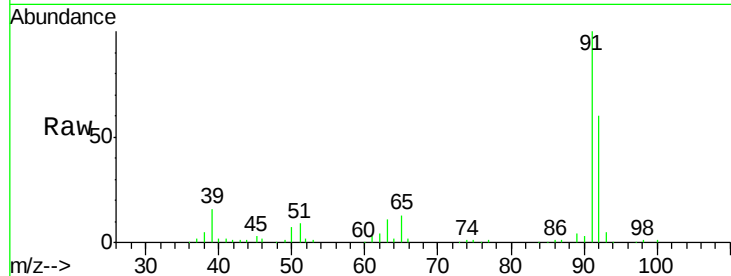
ClientSampled :

Tot Ion: 92 Resp: 322059

Ion Ratio Lower Upper

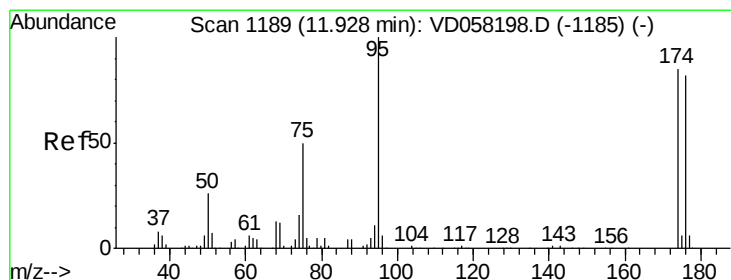
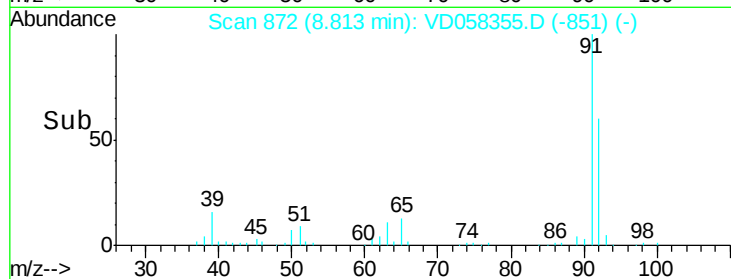
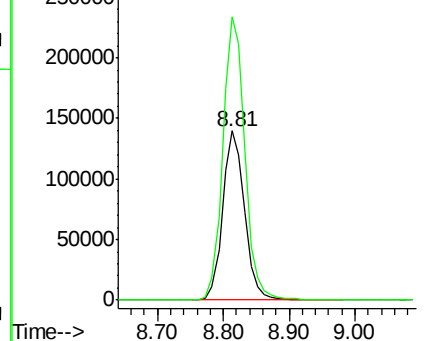
92 100

91 167.2 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

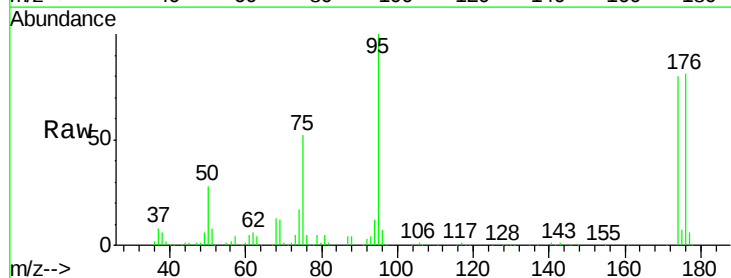
Tgt Ion: 95 Resp: 427181

Ion Ratio Lower Upper

95 100

174 79.8 0.0 170.2

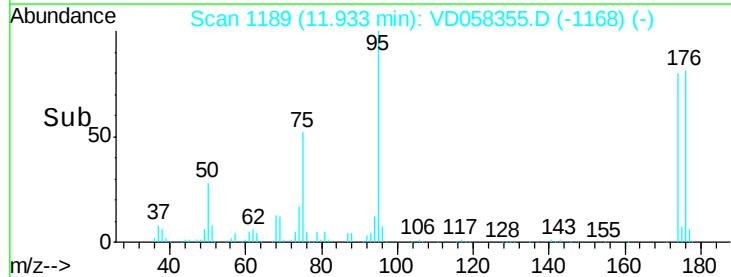
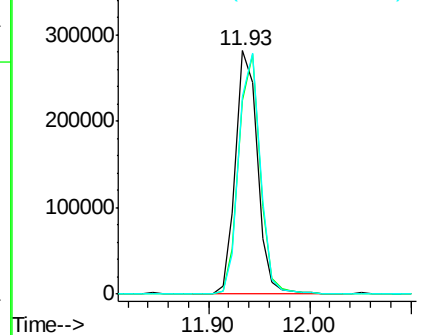
176 81.2 0.0 164.6

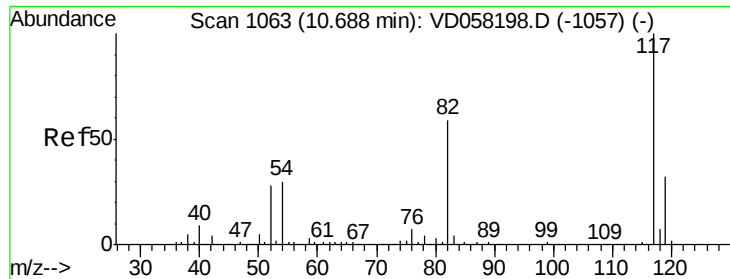


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.69 min Scan# 1063

Delta R.T. 0.01 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

ClientSampleId :

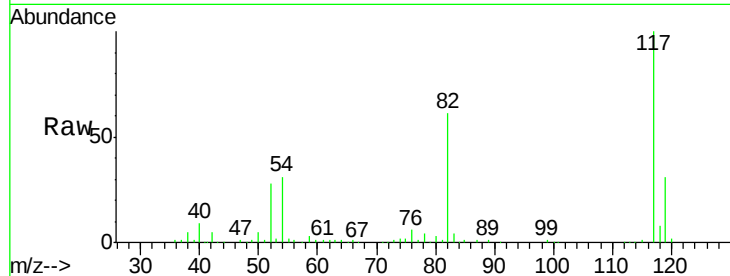
Tot Ion:117 Resp: 753903

Ion Ratio Lower Upper

117 100

82 60.7 47.0 70.6

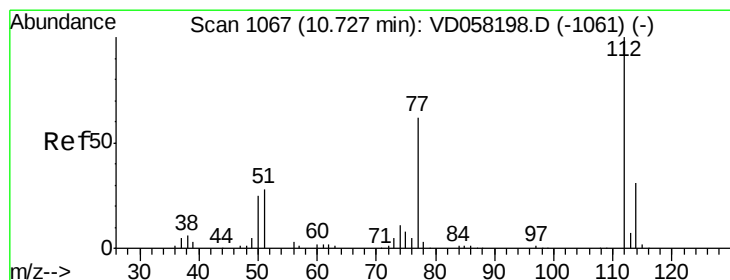
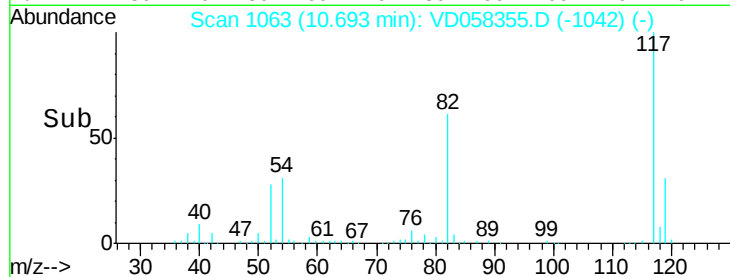
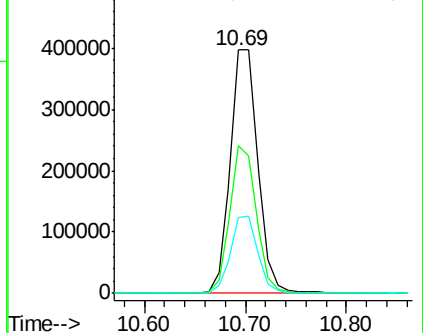
119 31.1 25.3 37.9



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



#65

Chlorobenzene

Concen: 68.32 ug/l

RT: 10.73 min Scan# 1067

Delta R.T. 0.01 min

Lab File: VD058355.D

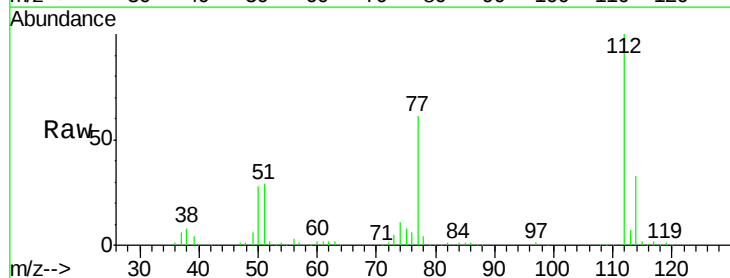
Acq: 23 Jun 2018 21:56

Tgt Ion:112 Resp: 963446

Ion Ratio Lower Upper

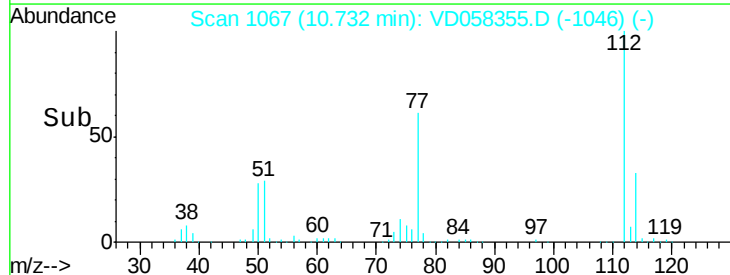
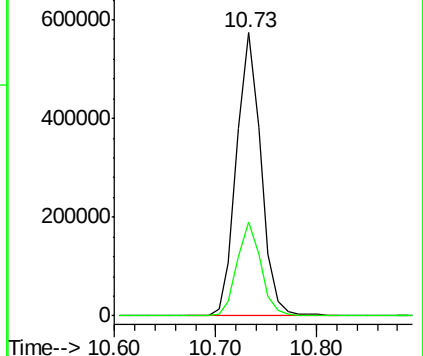
112 100

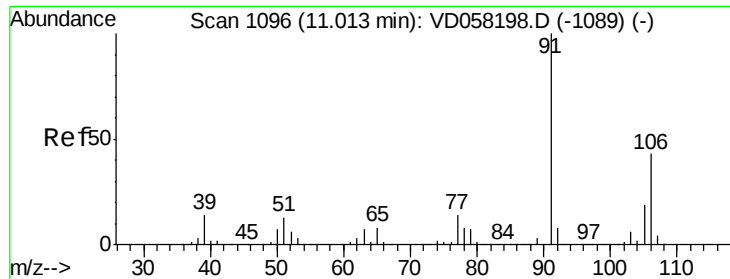
114 33.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V

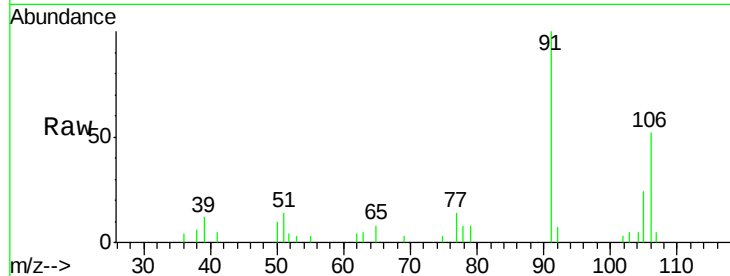




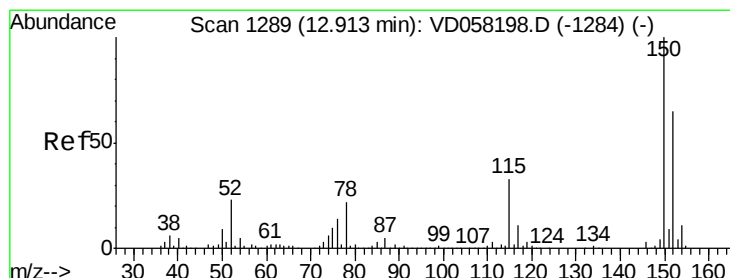
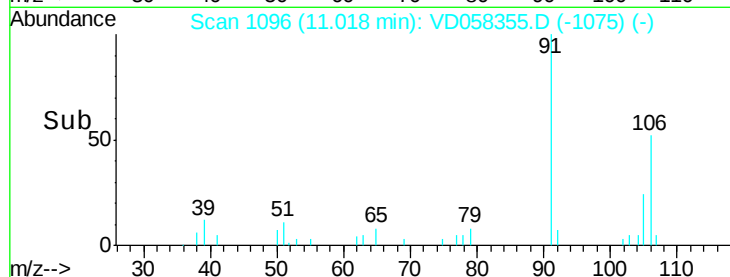
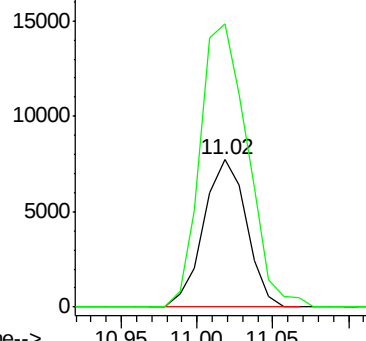
#68
m/p-Xvlenes
Concen: 1.84 ug/l
RT: 11.02 min Scan# 1096
Delta R.T. 0.01 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:106 Resp: 15260
Ion Ratio Lower Upper
106 100
91 192.2 185.0 277.6

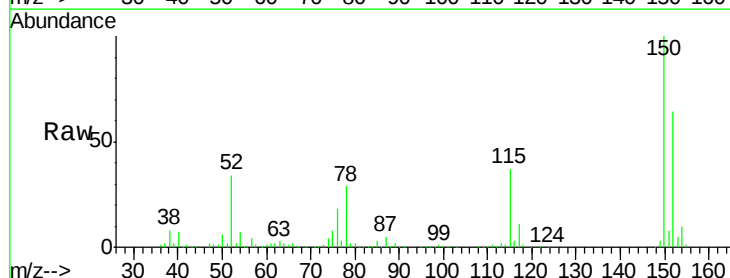


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

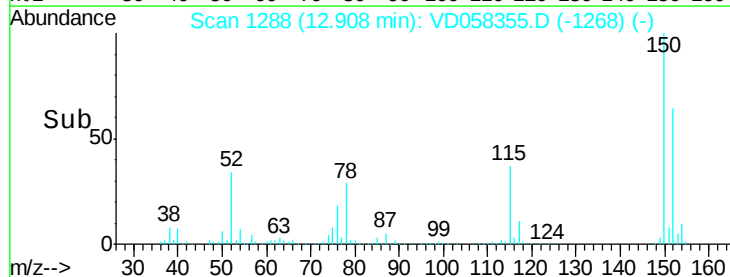
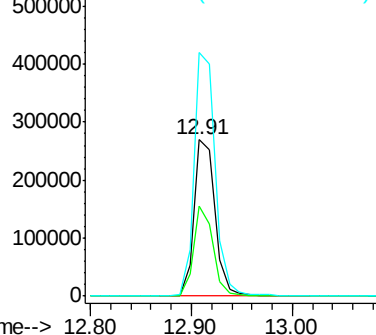


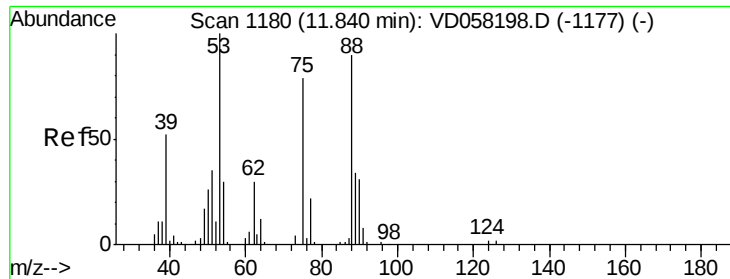
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VD058355.D
Acq: 23 Jun 2018 21:56

Tgt Ion:152 Resp: 392480
Ion Ratio Lower Upper
152 100
115 57.3 25.1 75.3
150 155.7 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: 145.08 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058355.D

Acq: 23 Jun 2018 21:56

Instrument :

MSVOA_D

ClientSampleId :

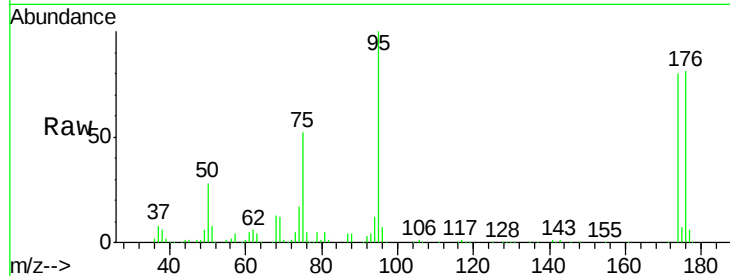
Tot Ion: 75 Resp: 202765

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

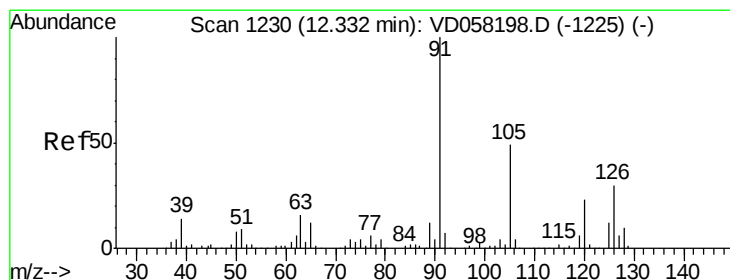
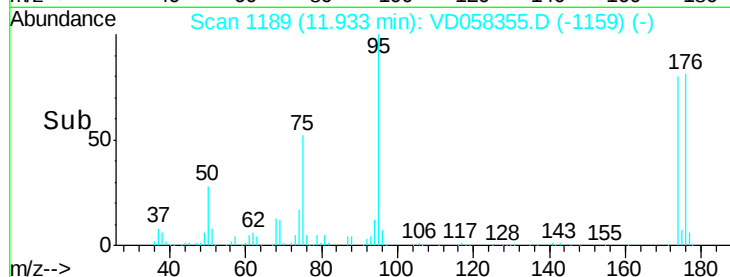
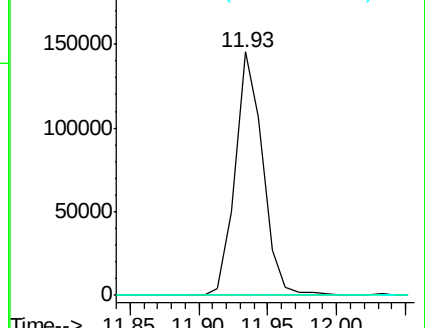
89 0.0 34.6 52.0#



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# 1229

Delta R.T. -0.00 min

Lab File: VD058355.D

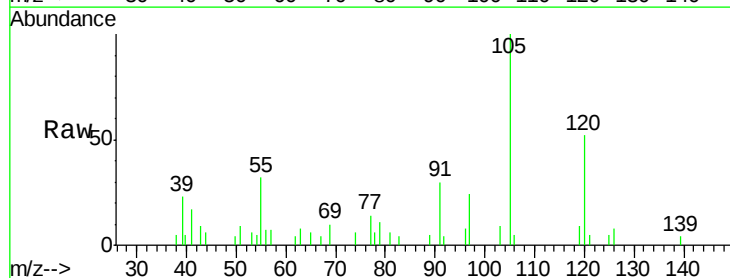
Acq: 23 Jun 2018 21:56

Tgt Ion: 91 Resp: 4314

Ion Ratio Lower Upper

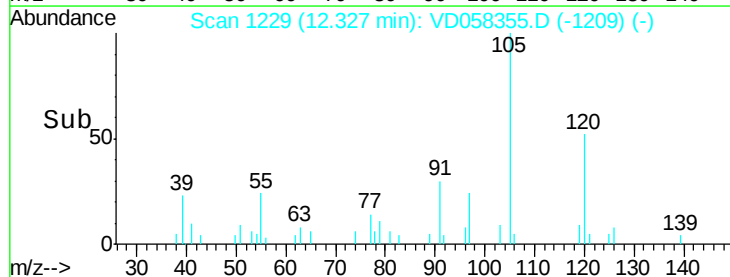
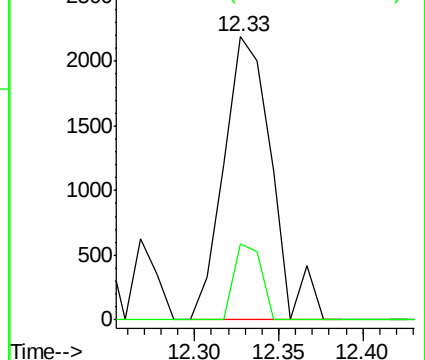
91 100

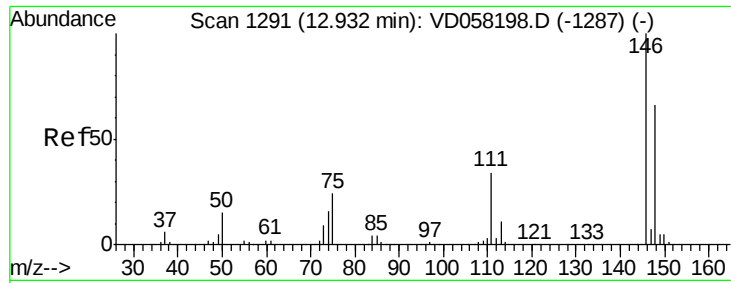
126 26.7 14.9 44.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

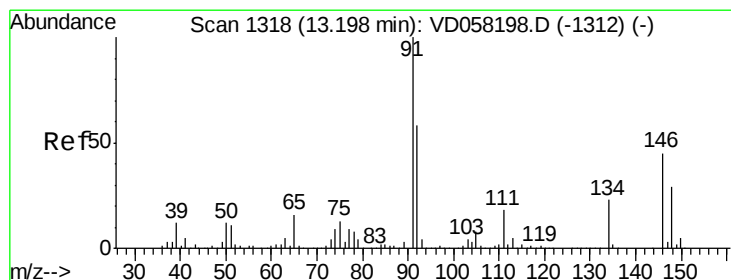
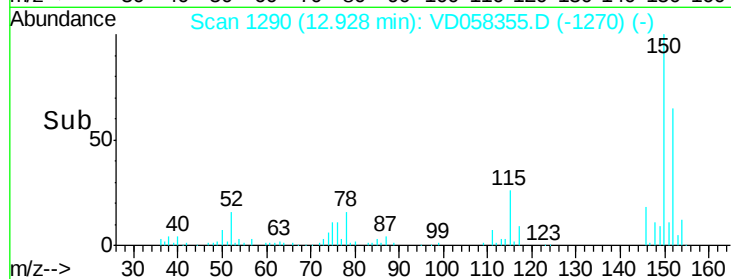
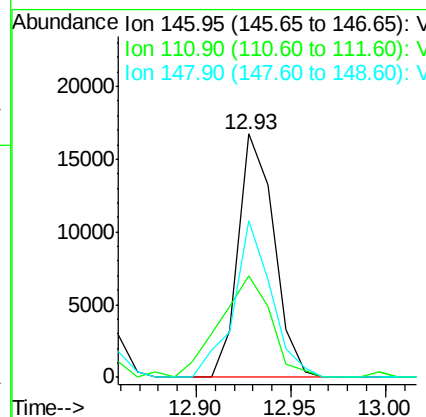
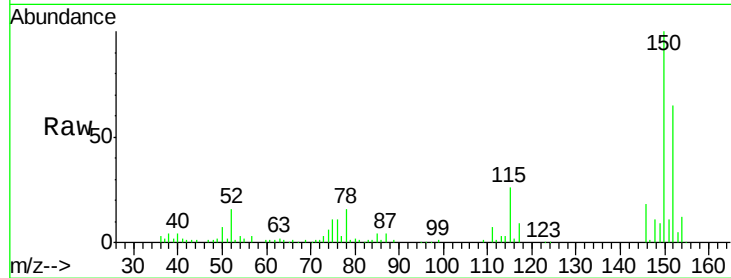




#88
 1,4-Dichlorobenzene
 Concen: 1.82 ug/l
 RT: 12.93 min Scan# 1290
 Delta R.T. -0.00 min
 Lab File: VD058355.D
 Acq: 23 Jun 2018 21:56

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 21771
 Ion Ratio Lower Upper
 146 100
 111 41.5 17.2 51.5
 148 64.2 33.1 99.3



#91
 1,2-Dichlorobenzene
 Concen: 5.38 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD058355.D
 Acq: 23 Jun 2018 21:56

Tgt Ion:146 Resp: 55910
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.6 58.7
 148 60.3 32.0 96.2

