

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058313.D
 Acq On : 22 Jun 2018 23:05
 Operator : VA/AP
 Sample : J3617-01
 Misc : 5.88g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

Quant Time: Jun 23 00:05:08 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	5.64	168	636280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	844531	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	673791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	343885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	360693	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
35) Dibromofluoromethane	5.54	113	359590	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
50) Toluene-d8	8.70	98	835729	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.92	95	363229	53.47	ug/l	0.00
Spiked Amount			Recovery	=	106.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.34	85	843	Below Cal	#	43
3) Chloromethane	1.54	50	937	Below Cal	#	43
5) Bromomethane	1.69	94	184	Below Cal	#	3
11) Tert butyl alcohol	3.26	59	716	3.378	ug/l #	78
16) Acetone	2.61	43	922221	1049.256	ug/l #	92
20) Methylene Chloride	3.06	84	27099	7.787	ug/l	87
25) 2-Butanone	4.83	43	1242231	648.465	ug/l	100
29) Tetrahydrofuran	4.84	42	84760	83.126	ug/l #	1
31) Cyclohexane	5.63	56	21086	Below Cal	#	3
36) 1,1-Dichloropropene	5.64	75	47796	5.721	ug/l #	51
37) Ethyl Acetate	4.83	43	1243296	261.189	ug/l #	72
38) Carbon Tetrachloride	5.64	117	53789	6.480	ug/l #	14
39) Methylcyclohexane	7.28	83	12649	1.554	ug/l #	83
40) Benzene	6.02	78	36879	1.853	ug/l #	81
43) Isopropyl Acetate	7.28	43	758063	119.451	ug/l #	48
49) 1,4-Dioxane	7.28	88	201	5.773	ug/l #	1
52) Toluene	8.80	92	89103	7.863	ug/l	95
56) Ethyl methacrylate	9.27	69	12023	2.507	ug/l #	1
59) 2-Hexanone	9.78	43	489370	163.608	ug/l	98
67) Ethyl Benzene	10.85	91	100032	4.496	ug/l	100
68) m/p-Xylenes	11.00	106	41889	5.645	ug/l	97
69) o-Xylene	11.40	106	51613	7.283	ug/l	91
70) Styrene	11.43	104	37001	3.060	ug/l	95
74) N-ethyl acetate	11.56	43	626234	78.739	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.05	83	6051	1.264	ug/l #	24
78) n-propylbenzene	12.15	91	118281	4.453	ug/l	96
79) 2-Chlorotoluene	12.23	91	18960	1.247	ug/l #	45
81) trans-1,4-Dichloro-2-buten	11.92	75	155767	127.204	ug/l #	3
82) 4-Chlorotoluene	12.32	91	6418	Below Cal	#	45
84) 1,2,4-Trimethylbenzene	12.62	105	78992	4.529	ug/l	92
89) n-Butylbenzene	13.19	91	96176	5.223	ug/l	99
90) Hexachloroethane	13.39	117	30774	6.767	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.78	75	1508	1.980	ug/l #	1
95) Naphthalene	14.51	128	156214	13.610	ug/l	97

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Quant Title : SW846 8260
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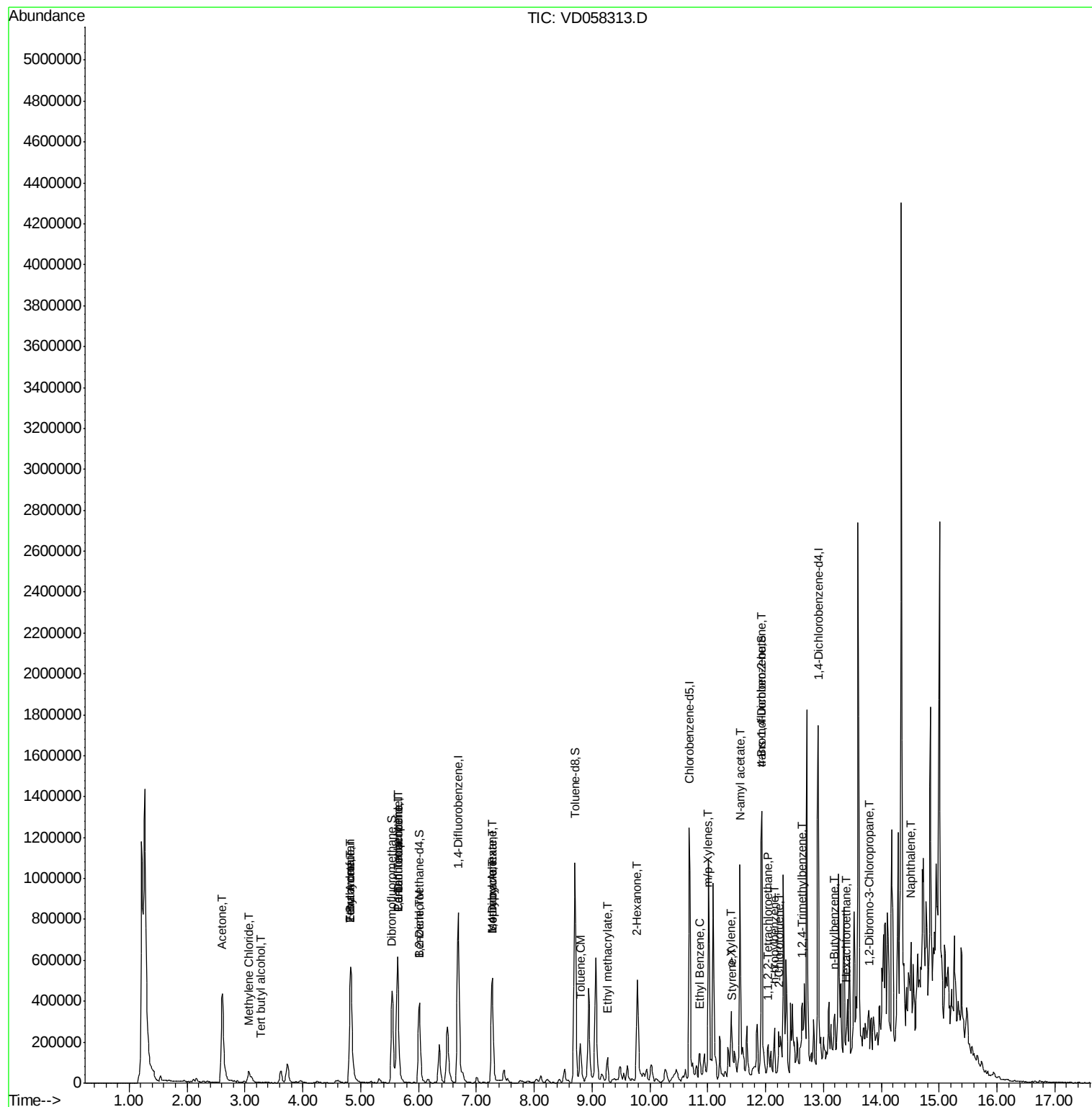
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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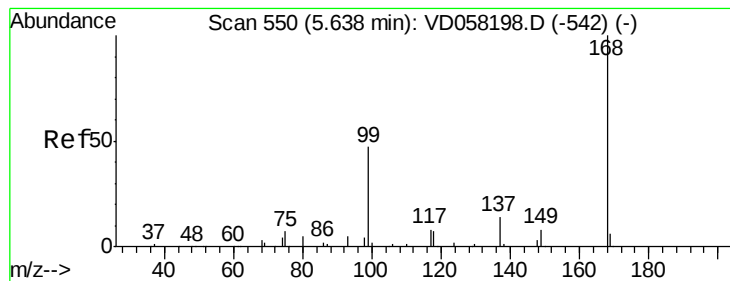
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
Data File : VD058313.D
Acq On : 22 Jun 2018 23:05
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. 0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

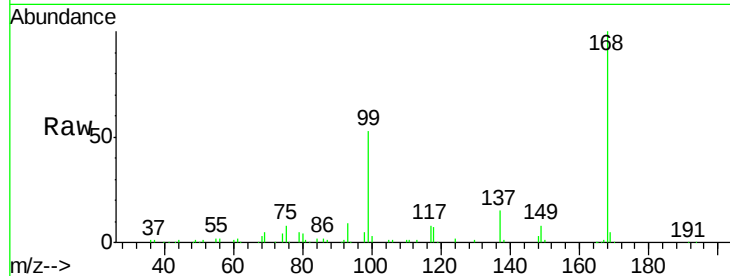
F3-58-SRI3

Tot Ion:168 Resp: 636280

Ion Ratio Lower Upper

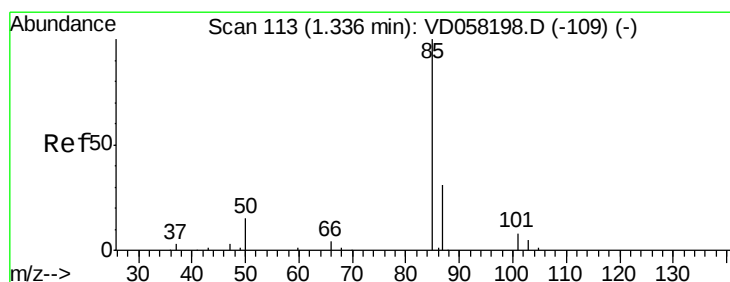
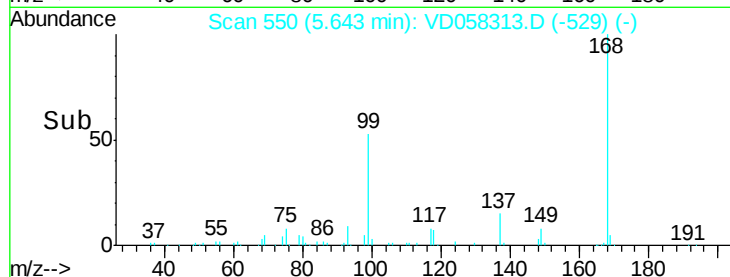
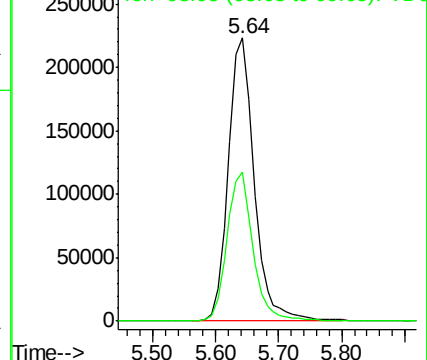
168 100

99 52.7 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. 0.01 min

Lab File: VD058313.D

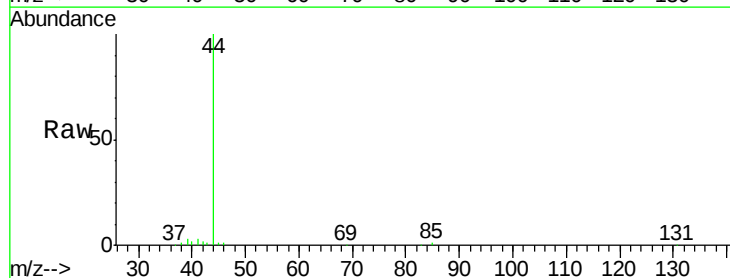
Acq: 22 Jun 2018 23:05

Tgt Ion: 85 Resp: 843

Ion Ratio Lower Upper

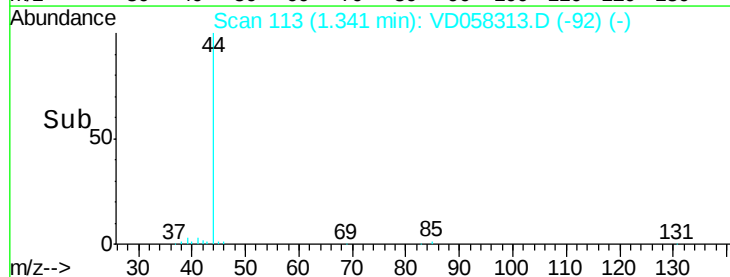
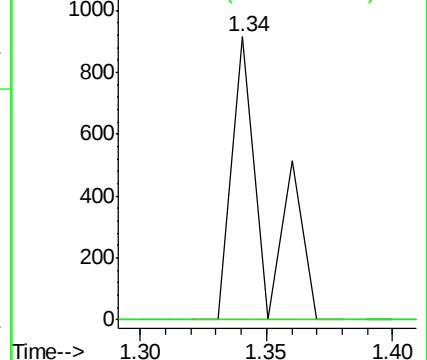
85 100

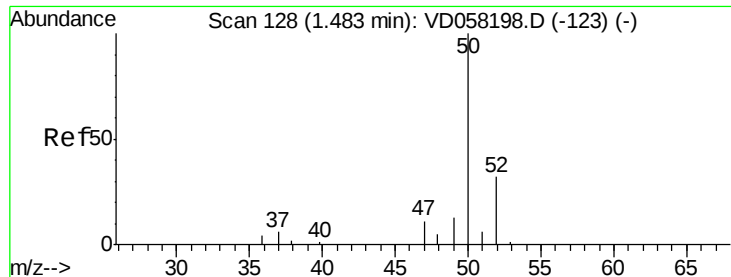
87 0.0 15.7 47.0#



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: 1.54 min Scan# 133

Delta R.T. 0.05 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampled :

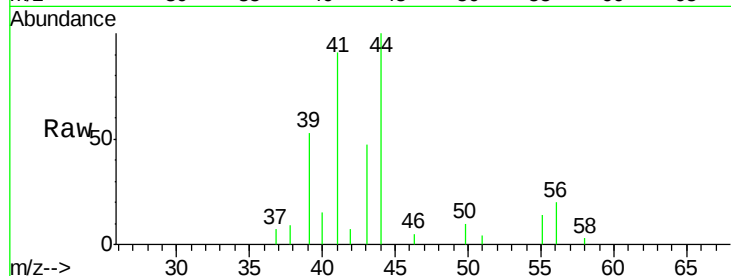
F3-58-SRI3

Tot Ion: 50 Resp: 937

Ion Ratio Lower Upper

50 100

52 0.0 25.0 37.4#

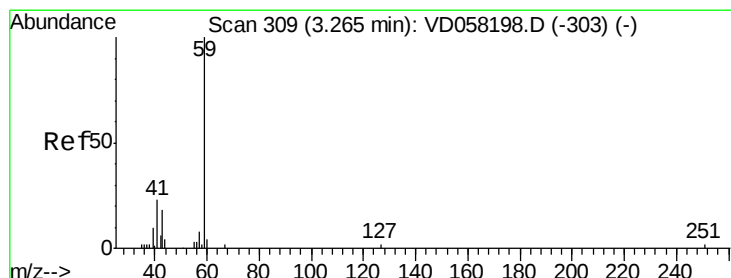
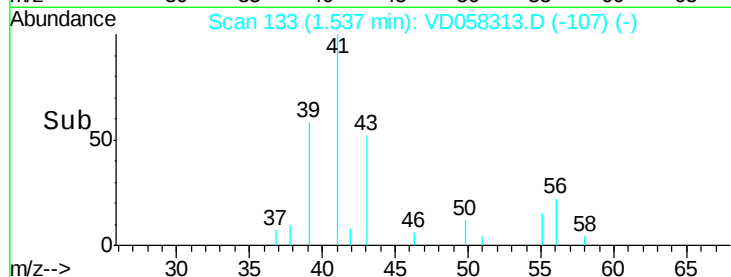


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.54

Time-->



#11

Tert butyl alcohol

Concen: 3.378 ug/l

RT: 3.26 min Scan# 308

Delta R.T. -0.00 min

Lab File: VD058313.D

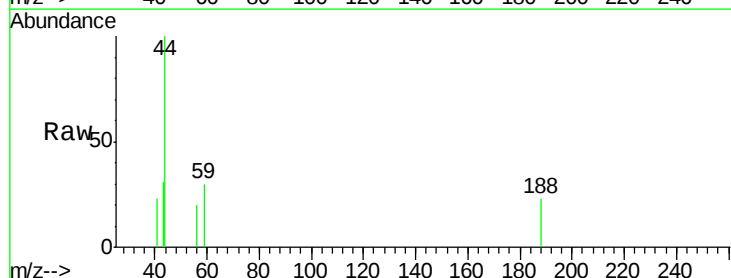
Acq: 22 Jun 2018 23:05

Tgt Ion: 59 Resp: 716

Ion Ratio Lower Upper

59 100

57 0.0 6.2 9.4#

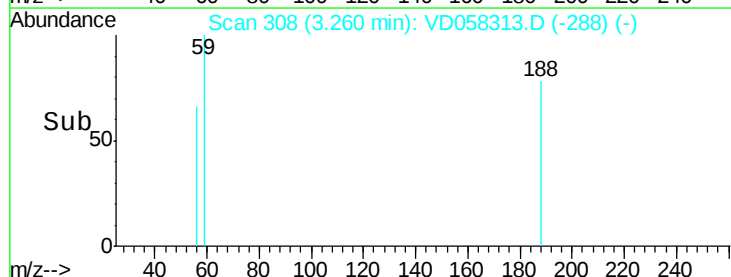


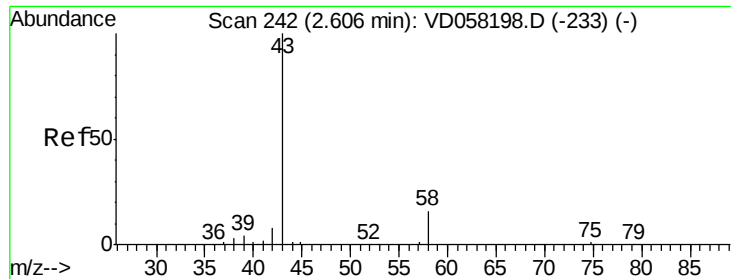
Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.26

Time-->

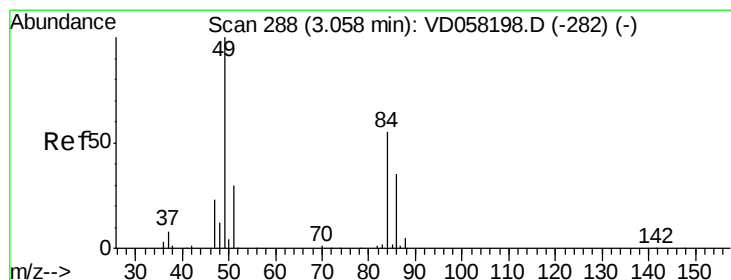
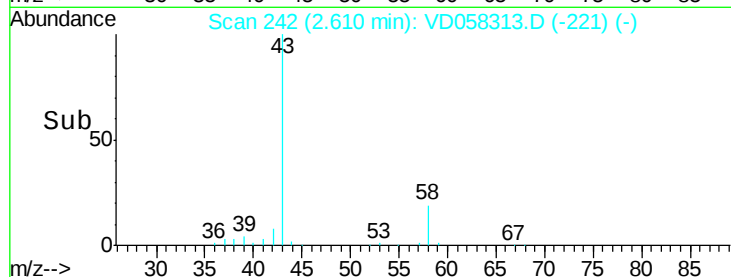
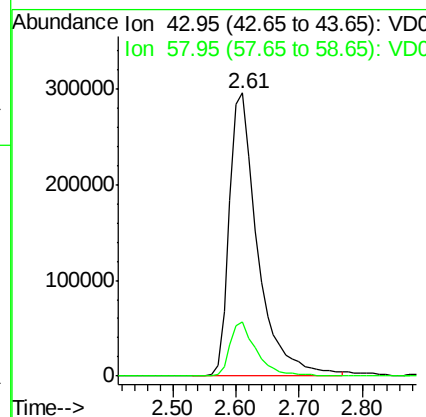
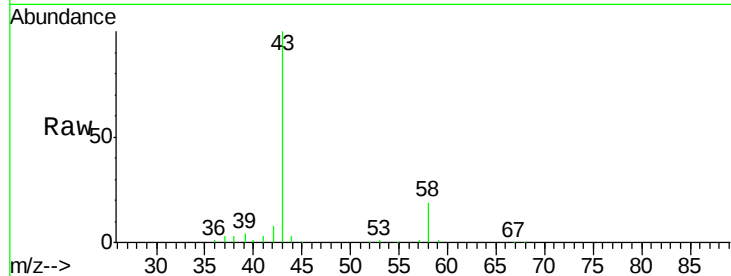




#16
Acetone
Concen: 1049.256 ug/l
RT: 2.61 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

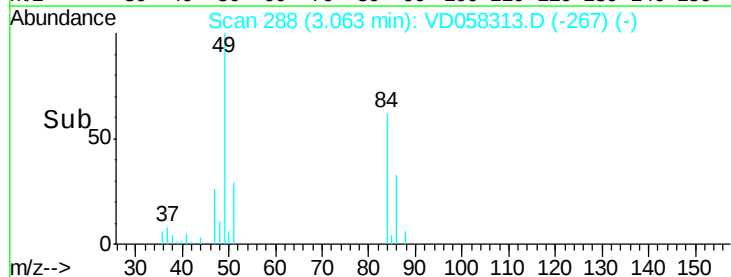
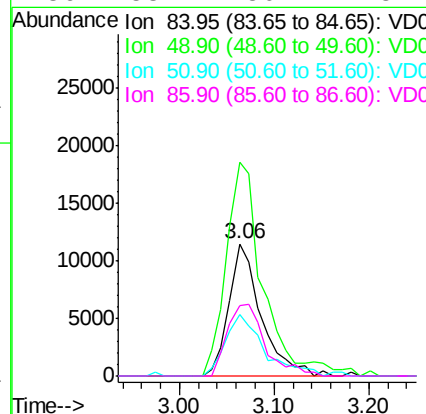
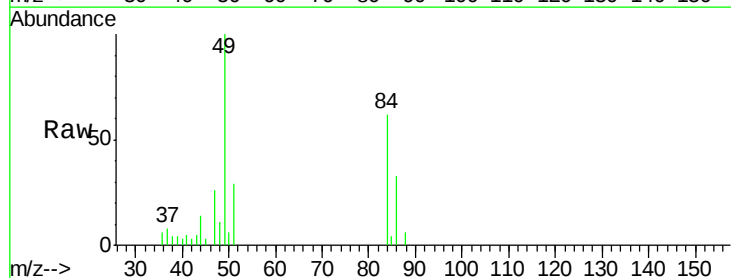
Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

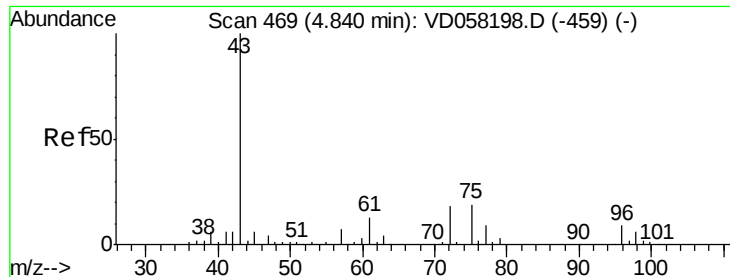
Tot Ion: 43 Resp: 922221
Ion Ratio Lower Upper
43 100
58 19.3 12.7 19.1#



#20
Methylene Chloride
Concen: 7.787 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.01 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Tgt Ion: 84 Resp: 27099
Ion Ratio Lower Upper
84 100
49 161.8 145.0 217.6
51 46.3 42.9 64.3
86 53.2 50.1 75.1





#25

2-Butanone

Concen: 648.465 ug/l

RT: 4.83 min Scan# 467

Delta R.T. -0.01 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

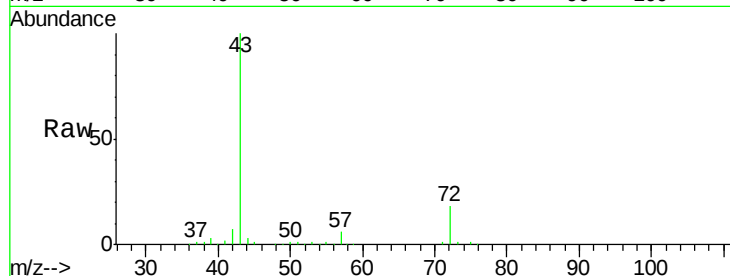
F3-58-SRI3

Tot Ion: 43 Resp: 1242231

Ion Ratio Lower Upper

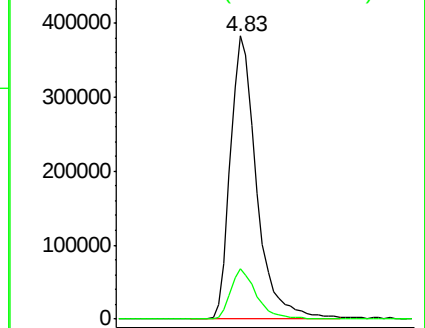
43 100

72 17.7 14.1 21.1

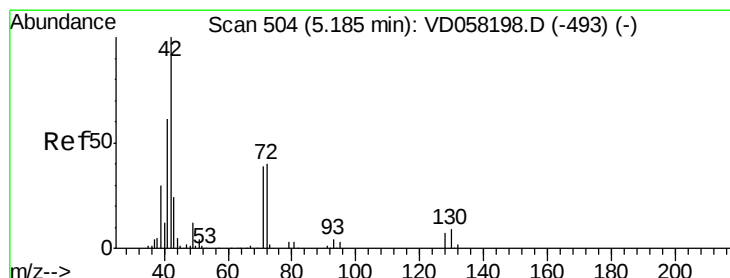
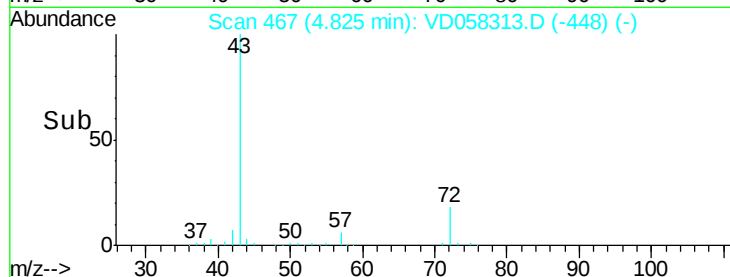


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->



#29

Tetrahydrofuran

Concen: 83.126 ug/l

RT: 4.84 min Scan# 468

Delta R.T. -0.35 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

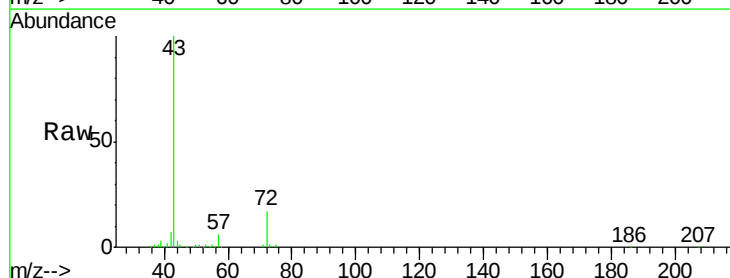
Tgt Ion: 42 Resp: 84760

Ion Ratio Lower Upper

42 100

72 257.8 30.2 45.2#

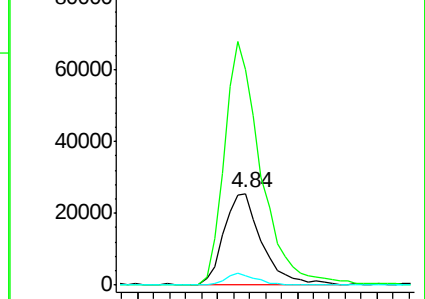
71 10.2 30.1 45.1#



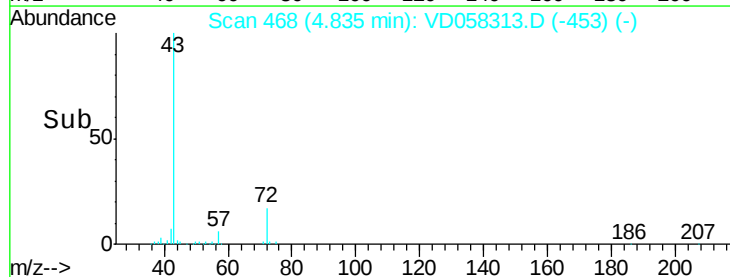
Abundance Ion 42.00 (41.70 to 42.70): VDC

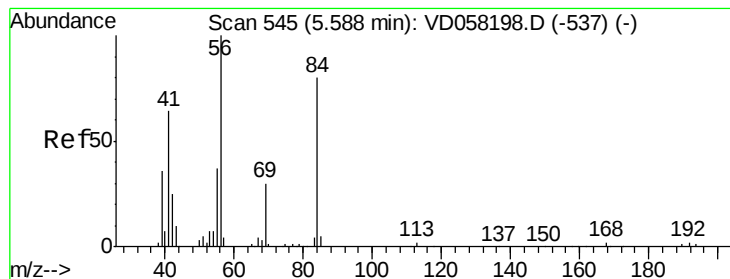
Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



Time-->





#31

Cyclohexane

Concen: Below Cal

RT: 5.63 min Scan# 549

Delta R.T. 0.04 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

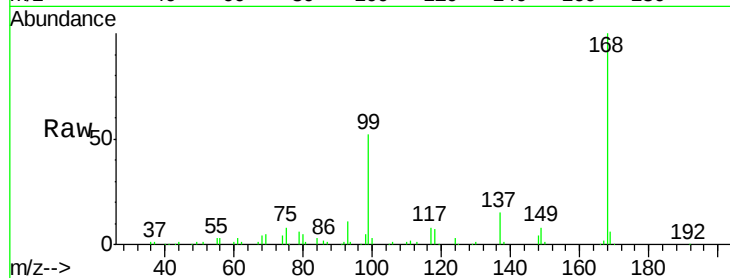
Tot Ion: 56 Resp: 21086

Ion Ratio Lower Upper

56 100

69 186.1 23.6 35.4#

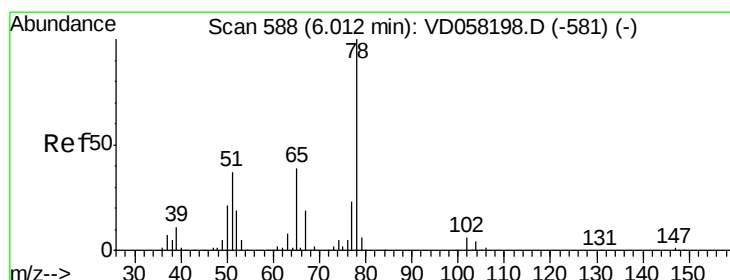
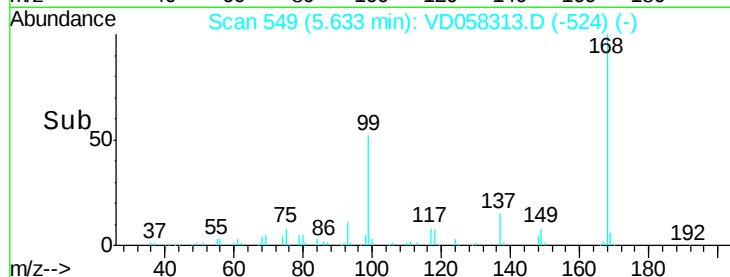
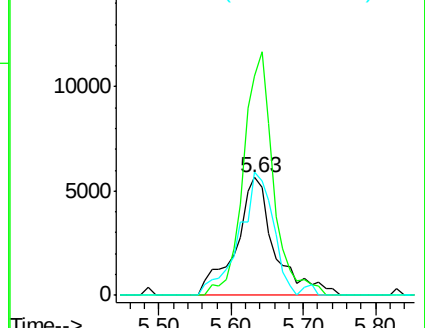
84 104.8 65.2 97.8#



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: N.D. ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.00 min

Lab File: VD058313.D

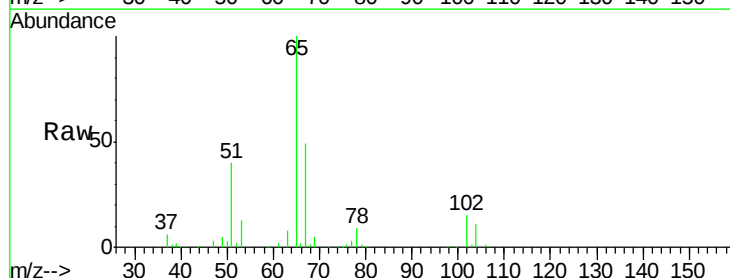
Acq: 22 Jun 2018 23:05

Tgt Ion: 65 Resp: 360693

Ion Ratio Lower Upper

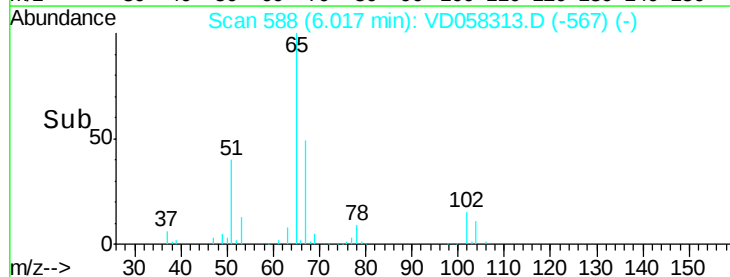
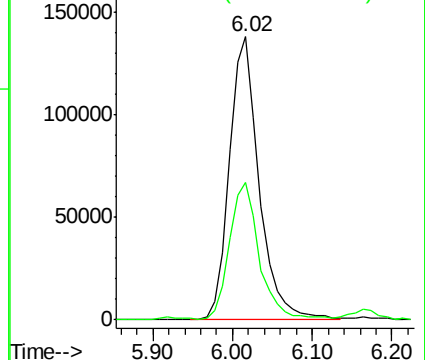
65 100

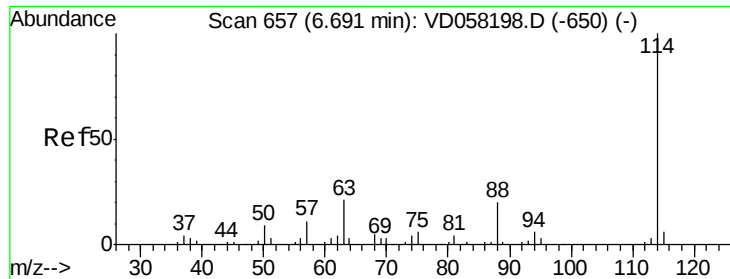
67 48.6 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

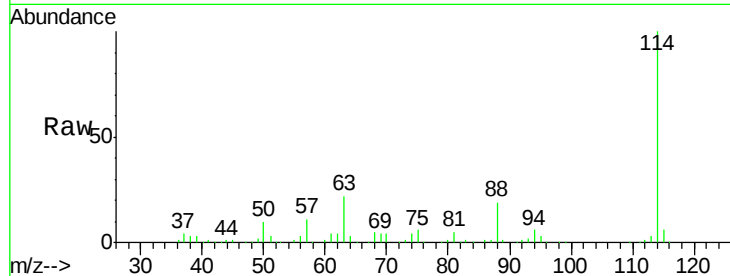
Tot Ion:114 Resp: 844531

Ion Ratio Lower Upper

114 100

63 22.1 0.0 42.6

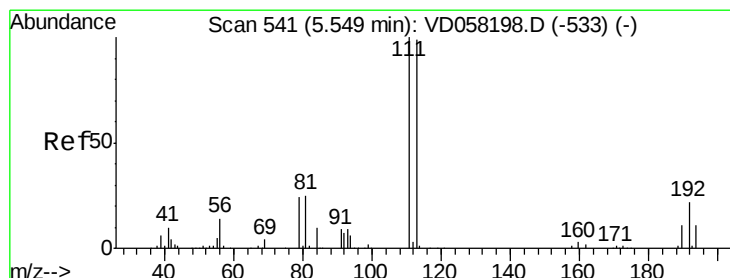
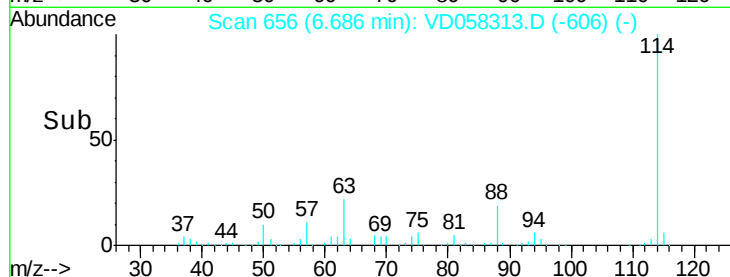
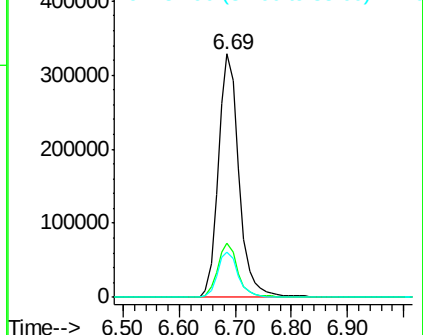
88 18.7 0.0 40.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

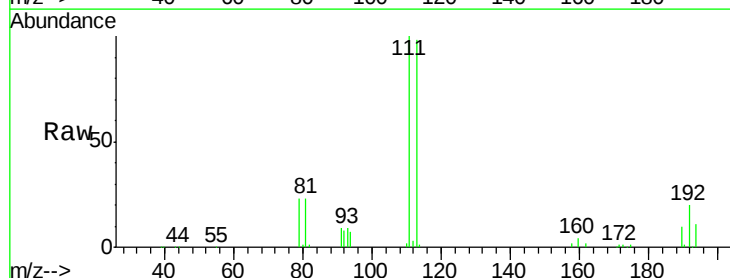
Tgt Ion:113 Resp: 359590

Ion Ratio Lower Upper

113 100

111 102.4 80.6 121.0

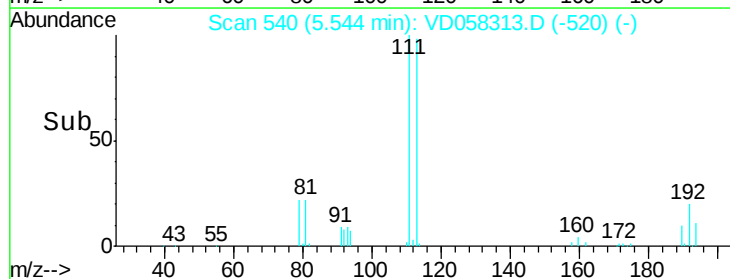
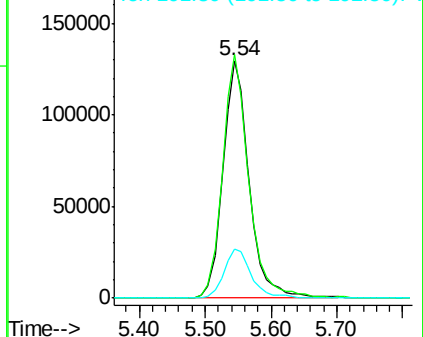
192 20.8 17.8 26.6

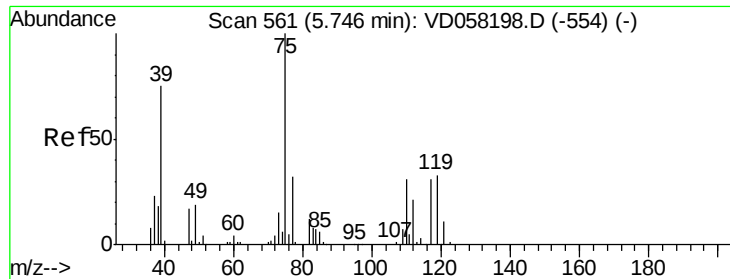


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

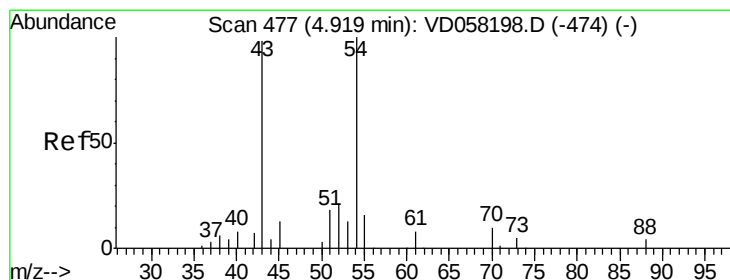
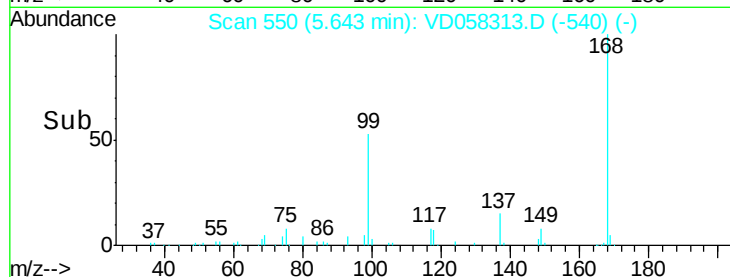
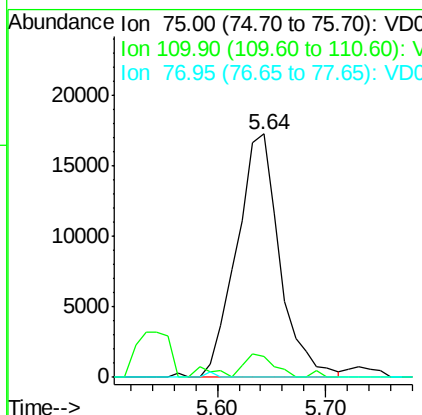
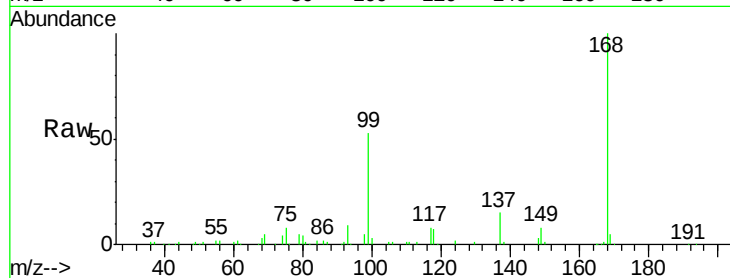




#36
 1,1-Dichloropropene
 Concen: 5.721 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.10 min
 Lab File: VD058313.D
 Acq: 22 Jun 2018 23:05

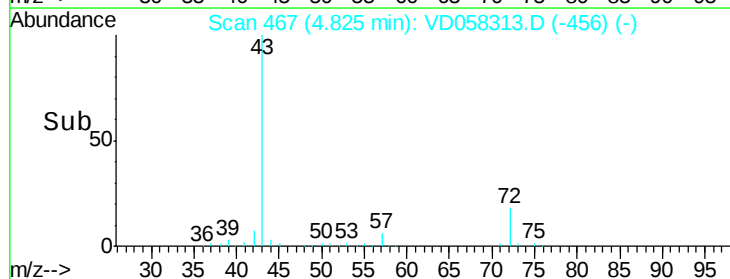
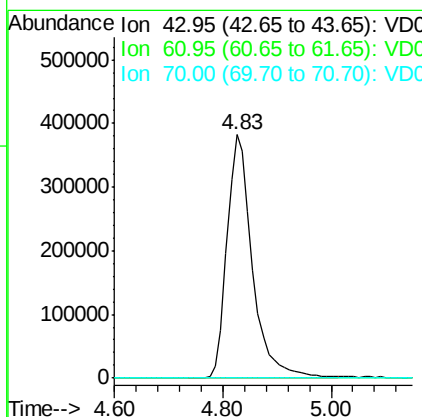
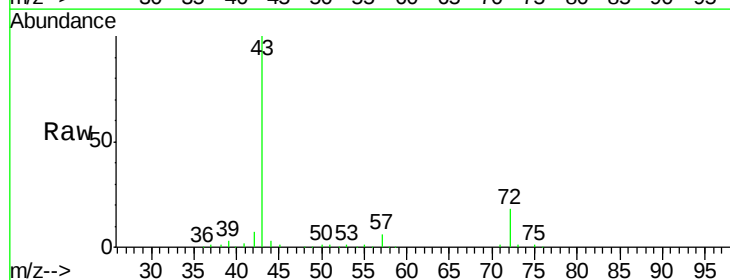
Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

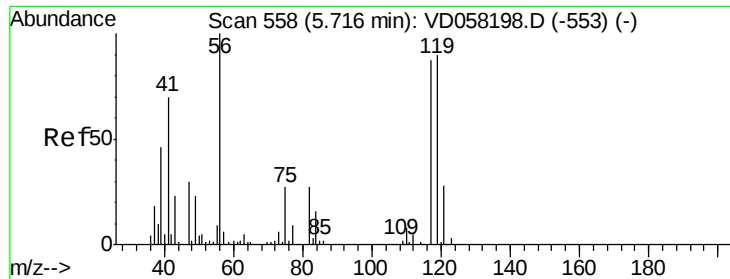
Tot Ion: 75 Resp: 47796
 Ion Ratio Lower Upper
 75 100
 110 8.7 15.4 46.4#
 77 0.0 25.4 38.2#



#37
 Ethyl Acetate
 Concen: 261.189 ug/l
 RT: 4.83 min Scan# 467
 Delta R.T. -0.09 min
 Lab File: VD058313.D
 Acq: 22 Jun 2018 23:05

Tgt Ion: 43 Resp: 1243296
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.3 15.5#
 70 0.0 5.7 8.5#





#38

Carbon Tetrachloride

Concen: 6.480 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.07 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

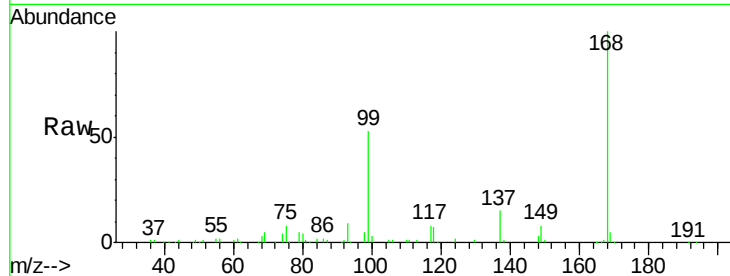
Tot Ion:117 Resp: 53789

Ion Ratio Lower Upper

117 100

119 3.7 78.8 118.2#

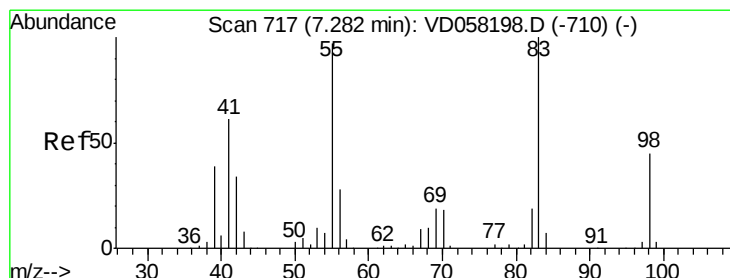
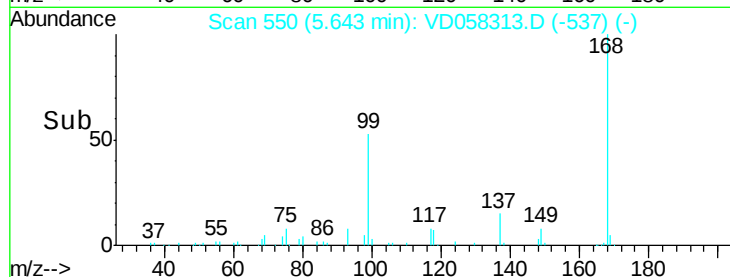
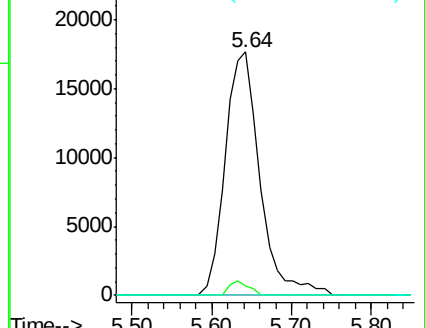
121 0.0 25.0 37.6#



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



#39

Methylcyclohexane

Concen: 1.554 ug/l

RT: 7.28 min Scan# 716

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

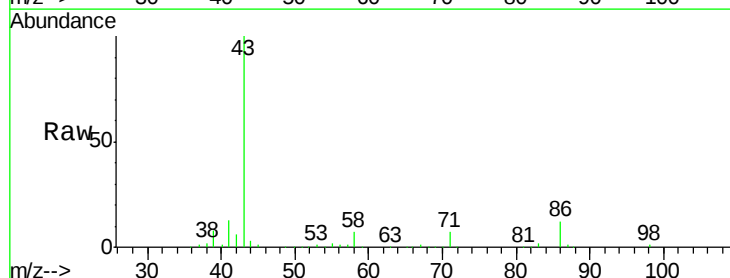
Tgt Ion: 83 Resp: 12649

Ion Ratio Lower Upper

83 100

55 117.2 77.4 116.2#

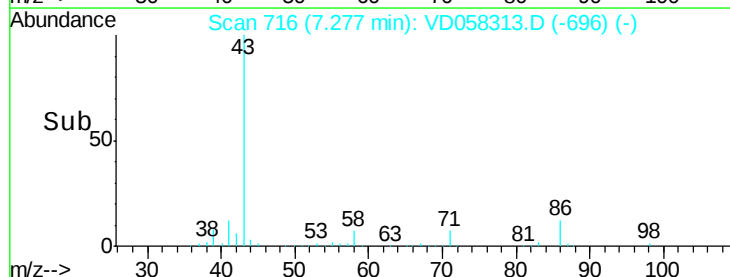
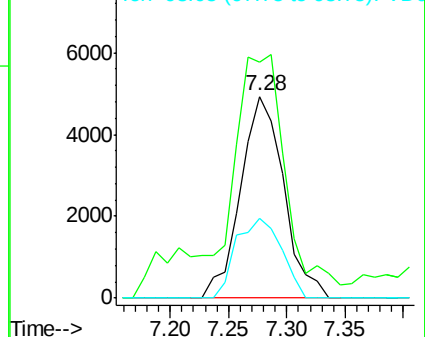
98 39.3 35.9 53.9

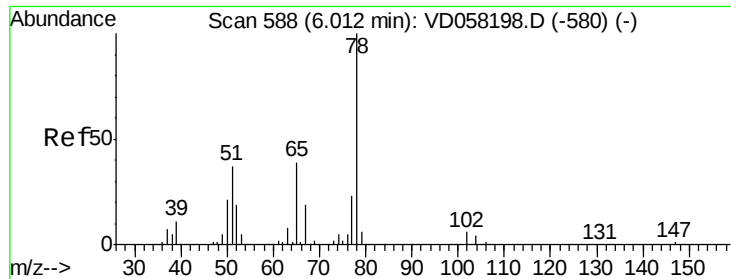


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC





#40

Benzene

Concen: 1.853 ug/l

RT: 6.02 min Scan# 588

Delta R.T. 0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampled :

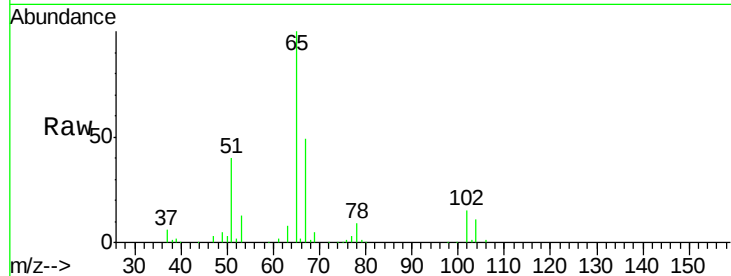
F3-58-SRI3

Tot Ion: 78 Resp: 36879

Ion Ratio Lower Upper

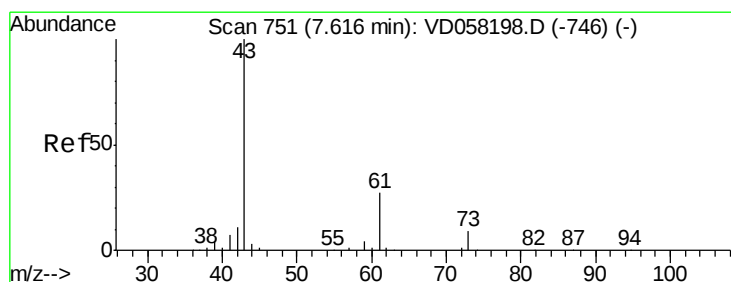
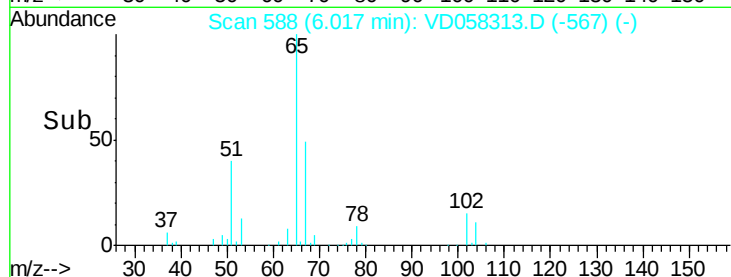
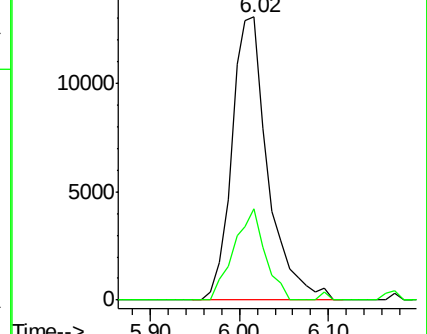
78 100

77 32.5 18.5 27.7#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#43

Isopropyl Acetate

Concen: 119.451 ug/l

RT: 7.28 min Scan# 716

Delta R.T. -0.34 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

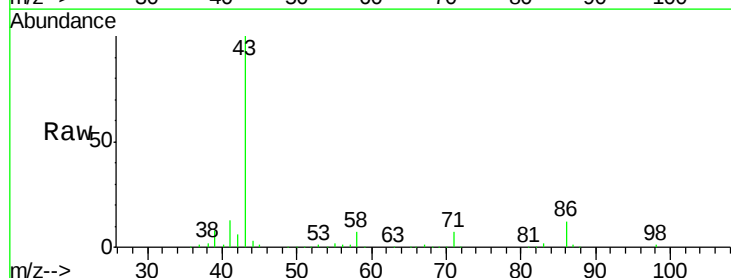
Tgt Ion: 43 Resp: 758063

Ion Ratio Lower Upper

43 100

61 0.0 21.8 32.6#

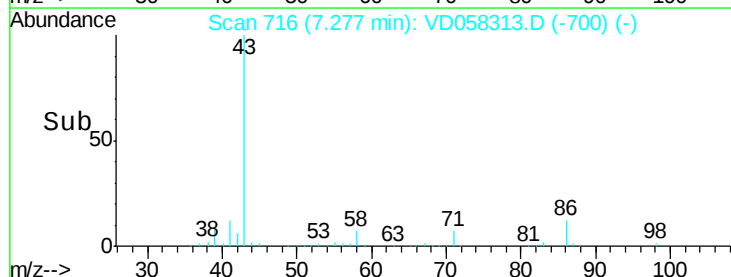
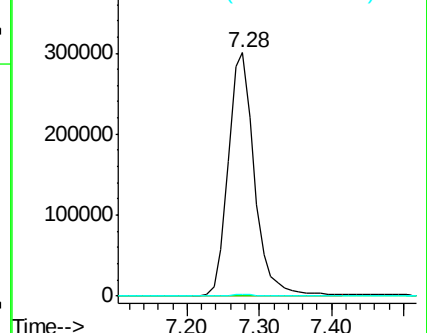
87 0.8 0.3 0.5#

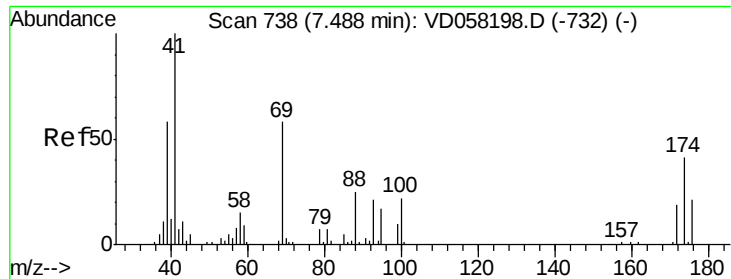


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

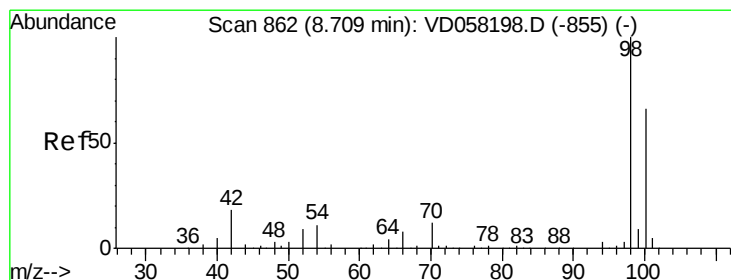
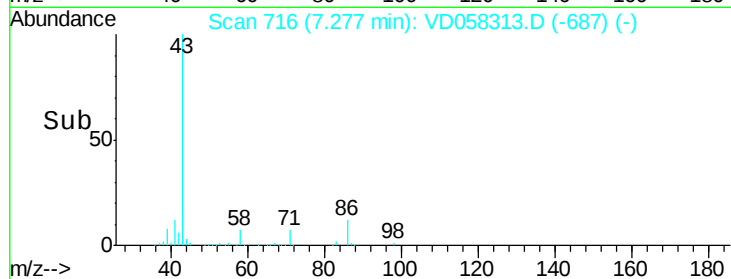
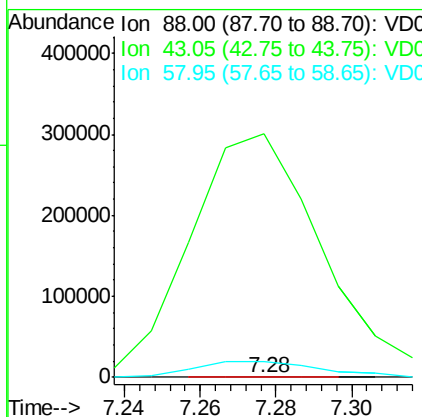
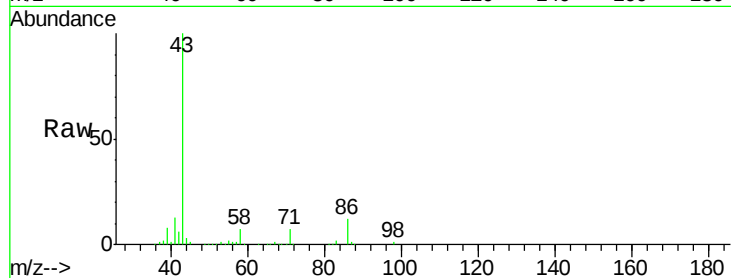




#49
1,4-Dioxane
Concen: 5.773 ug/l
RT: 7.28 min Scan# 716
Delta R.T. -0.21 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

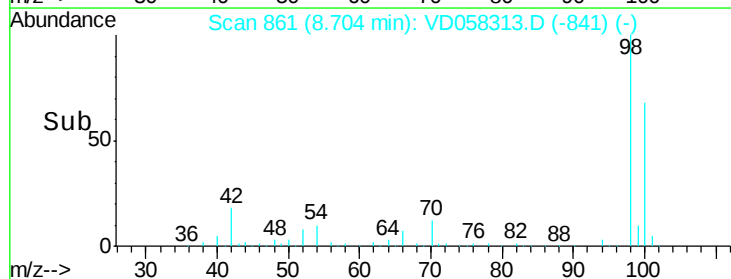
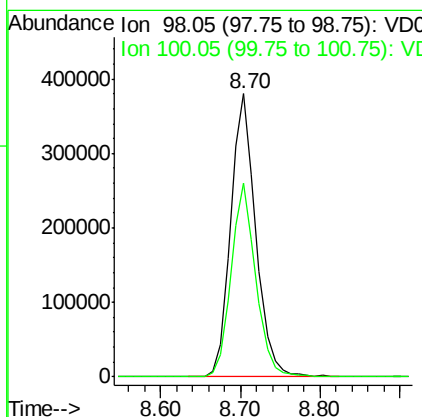
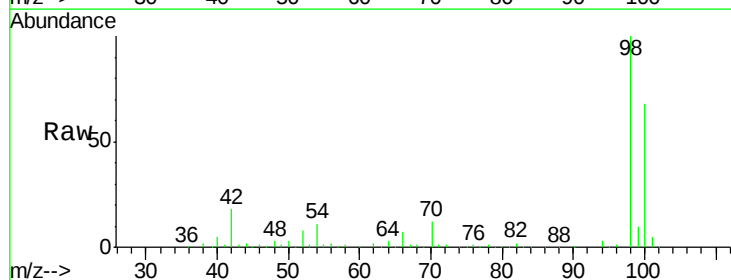
Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

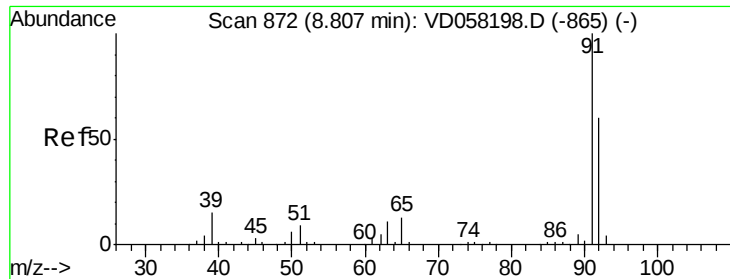
Tot Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 88414.1 34.2 51.2#
58 5840.0 47.9 71.9#



#50
Toluene-d8
Concen: 5.773 ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.00 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Tgt Ion: 98 Resp: 835729
Ion Ratio Lower Upper
98 100
100 68.5 53.6 80.4





#52

Toluene

Concen: 7.863 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

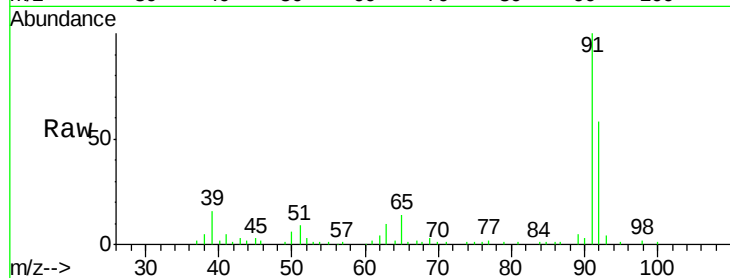
F3-58-SRI3

Tot Ion: 92 Resp: 89103

Ion Ratio Lower Upper

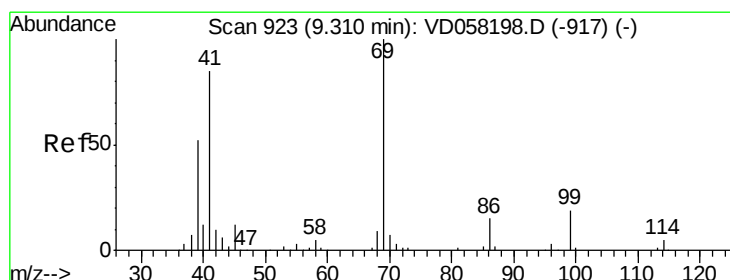
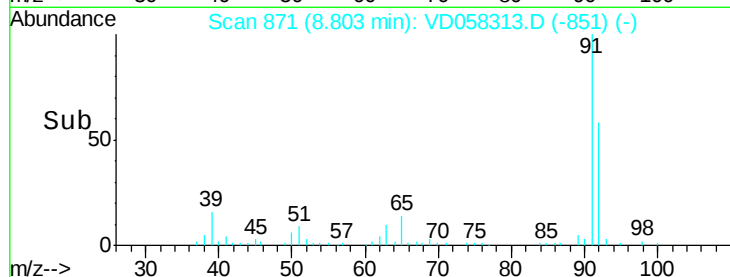
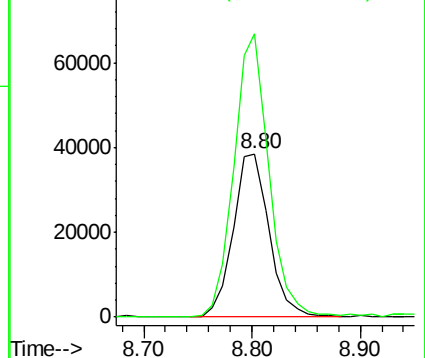
92 100

91 173.2 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#56

Ethyl methacrylate

Concen: 2.507 ug/l

RT: 9.27 min Scan# 918

Delta R.T. -0.04 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

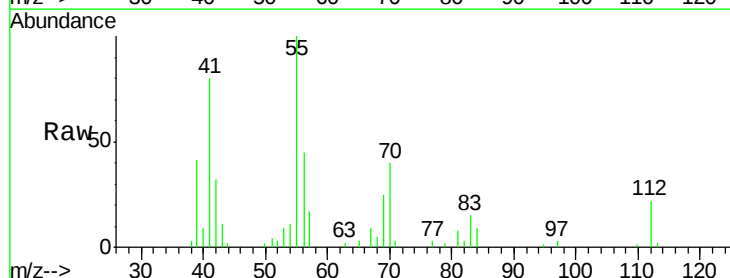
Tgt Ion: 69 Resp: 12023

Ion Ratio Lower Upper

69 100

41 323.5 67.6 101.4#

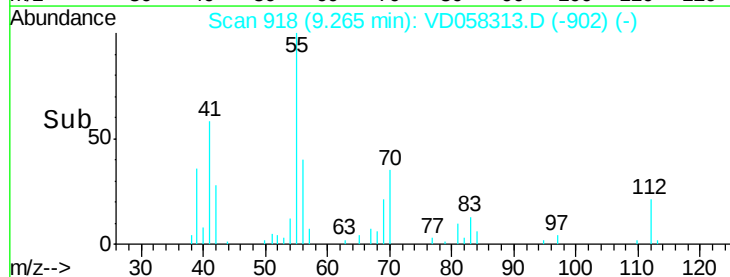
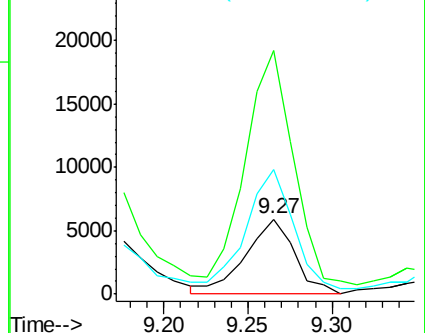
39 166.0 42.2 63.2#

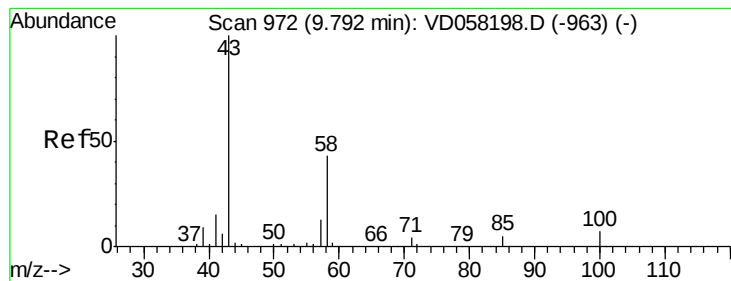


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#59

2-Hexanone

Concen: 163.608 ug/l

RT: 9.78 min Scan# 970

Delta R.T. -0.01 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

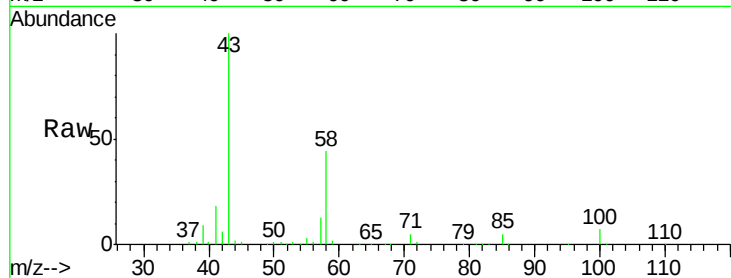
F3-58-SRI3

Tot Ion: 43 Resp: 489370

Ion Ratio Lower Upper

43 100

58 44.5 21.7 65.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.78

200000

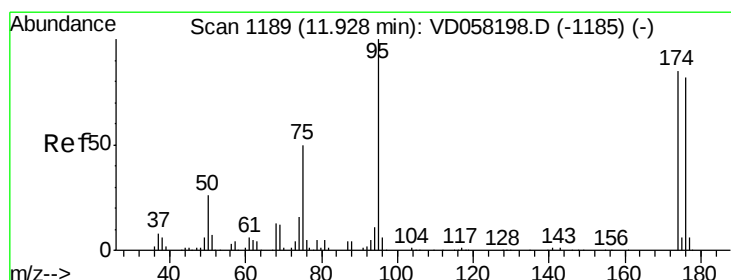
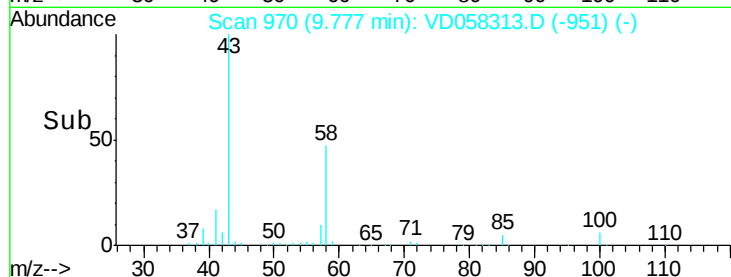
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

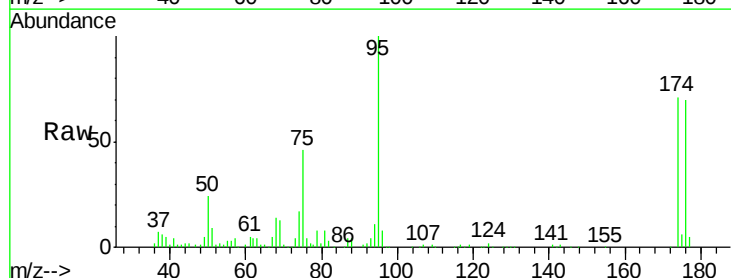
Tgt Ion: 95 Resp: 363229

Ion Ratio Lower Upper

95 100

174 71.2 0.0 170.2

176 69.8 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

11.92

300000

250000

200000

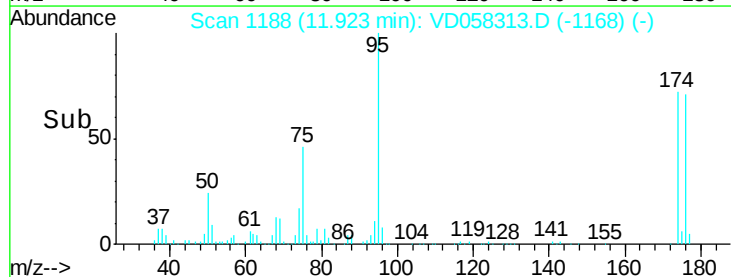
150000

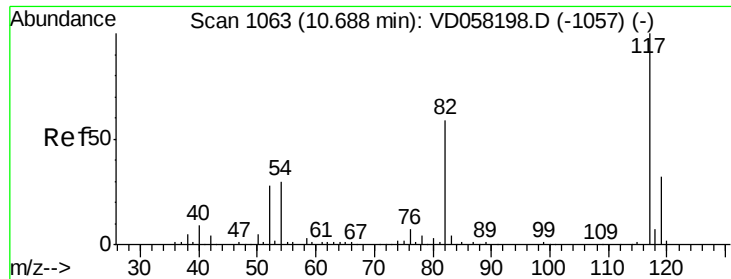
100000

50000

0

Time-->

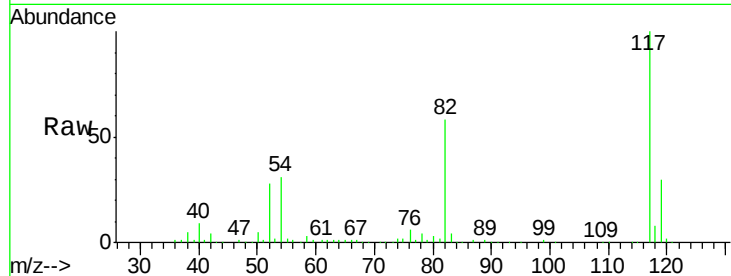




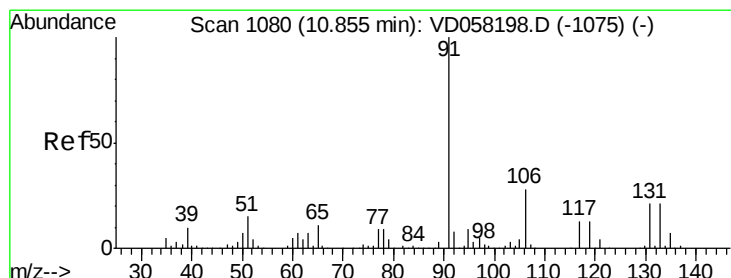
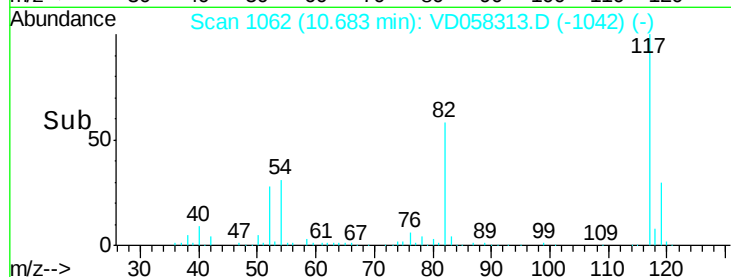
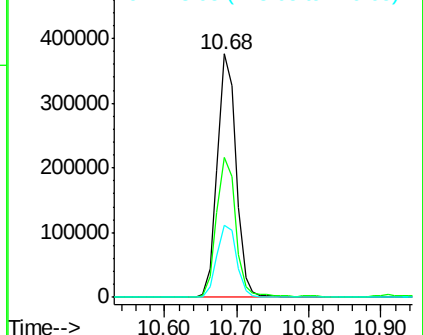
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

Tot Ion:117 Resp: 673791
Ion Ratio Lower Upper
117 100
82 57.7 47.0 70.6
119 29.7 25.3 37.9

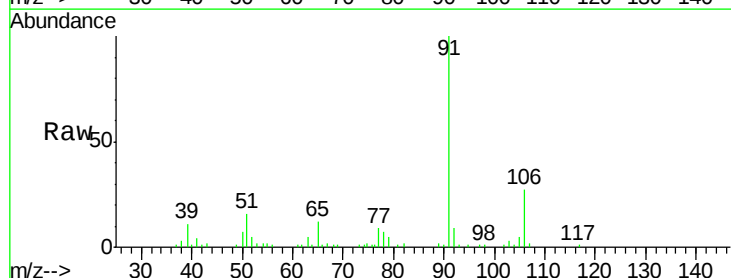


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

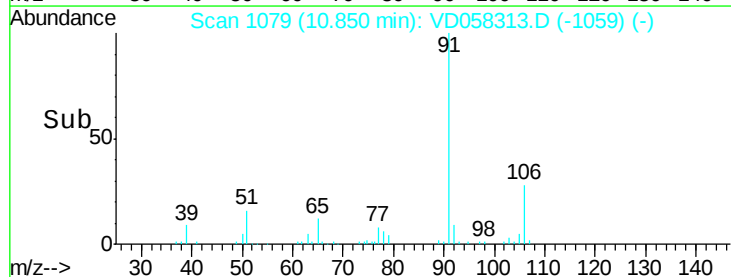
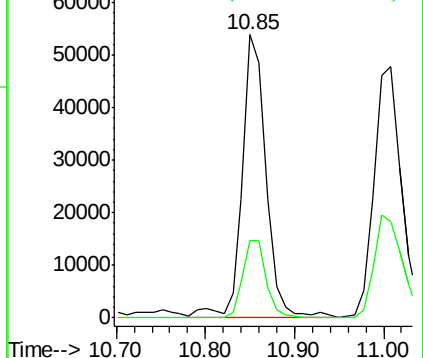


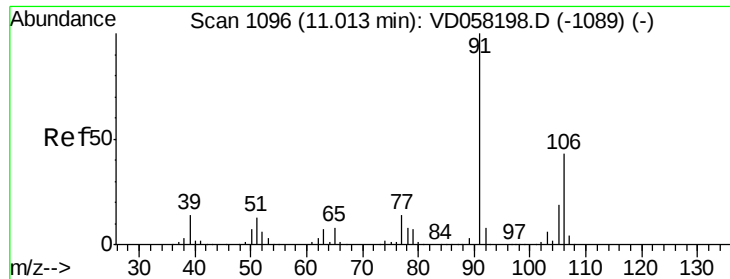
#67
Ethyl Benzene
Concen: 4.496 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. -0.00 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Tgt Ion: 91 Resp: 100032
Ion Ratio Lower Upper
91 100
106 27.4 22.0 33.0



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

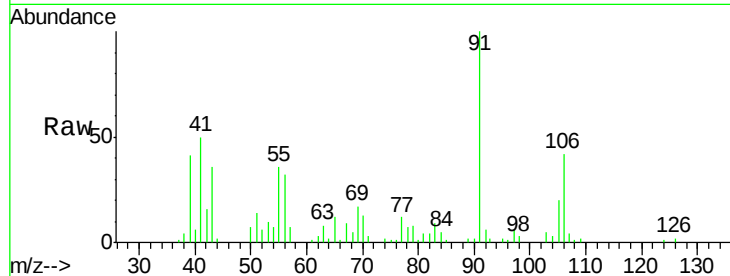




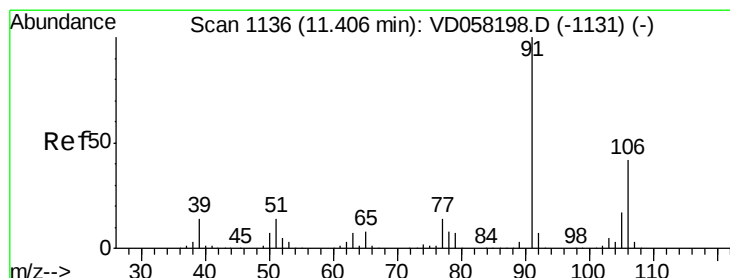
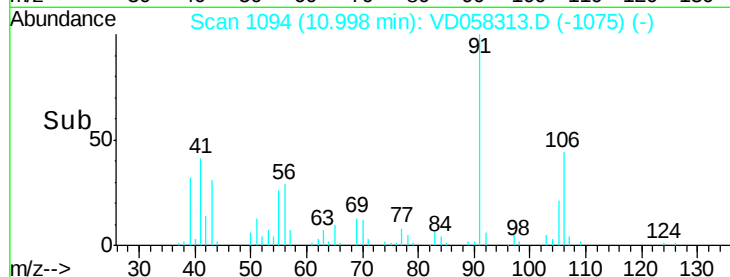
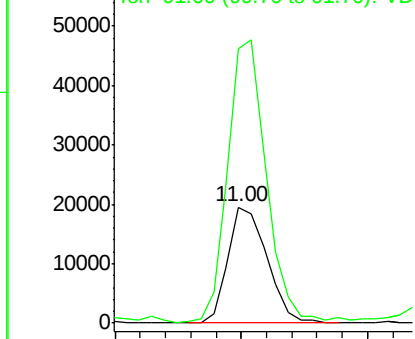
#68
m/p-Xylenes
Concen: 5.645 ug/l
RT: 11.00 min Scan# 1094
Delta R.T. -0.01 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

Tot Ion:106 Resp: 41889
Ion Ratio Lower Upper
106 100
91 235.7 185.0 277.6

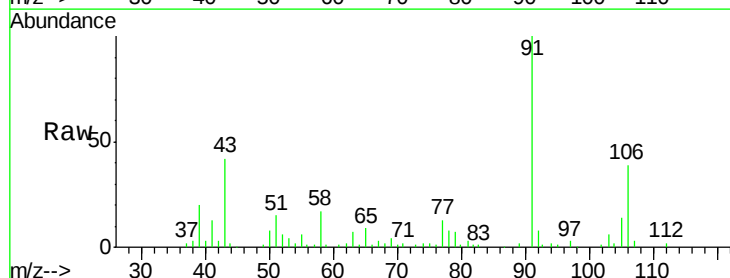


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

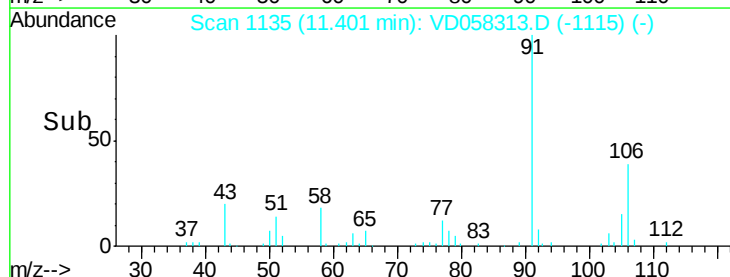
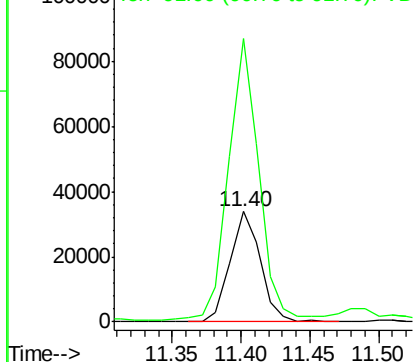


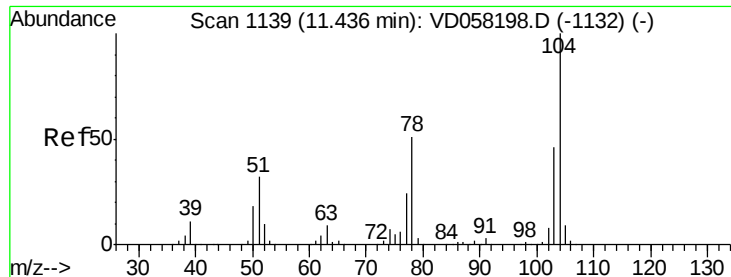
#69
o-Xylene
Concen: 7.283 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VD058313.D
Acq: 22 Jun 2018 23:05

Tgt Ion:106 Resp: 51613
Ion Ratio Lower Upper
106 100
91 256.3 120.2 360.6



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





#70

Stvrene

Concen: 3.060 ug/l

RT: 11.43 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

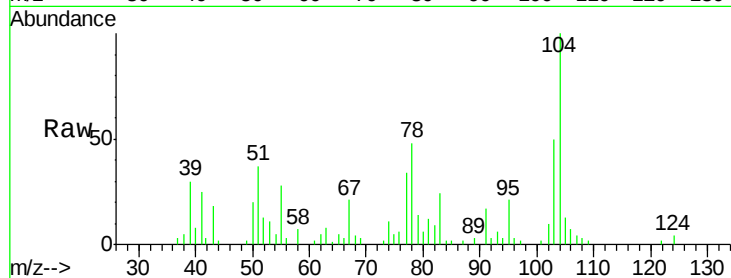
Tot Ion:104 Resp: 37001

Ion Ratio Lower Upper

104 100

78 47.9 40.8 61.2

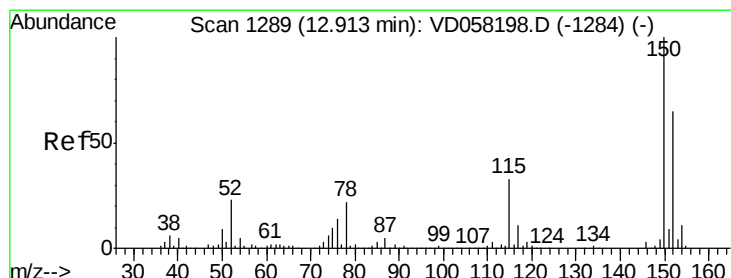
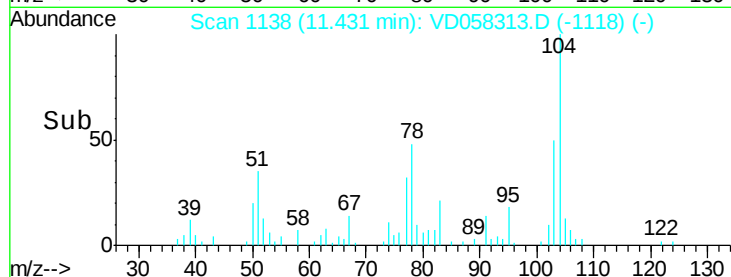
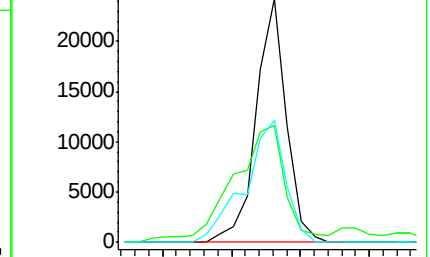
103 50.2 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

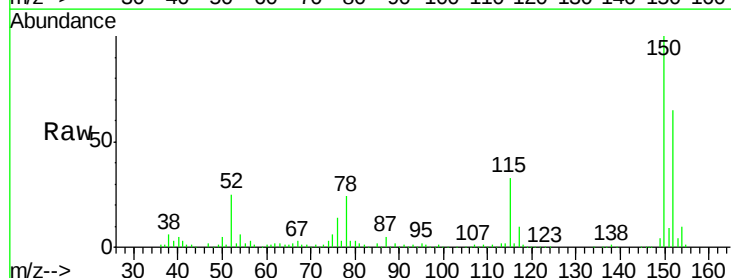
Tgt Ion:152 Resp: 343885

Ion Ratio Lower Upper

152 100

115 51.2 25.1 75.3

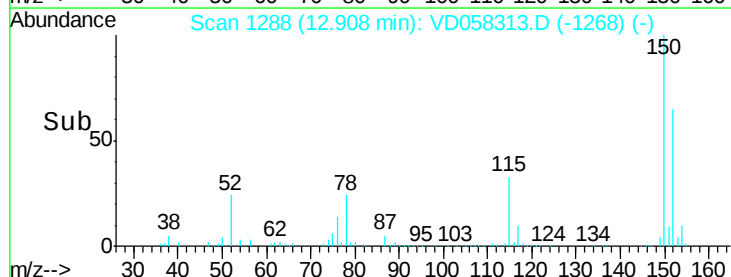
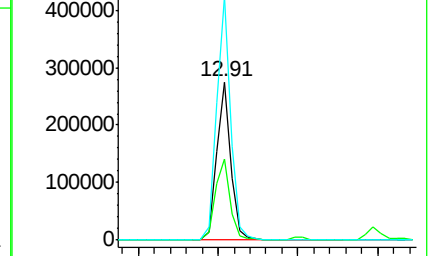
150 153.6 0.0 308.8

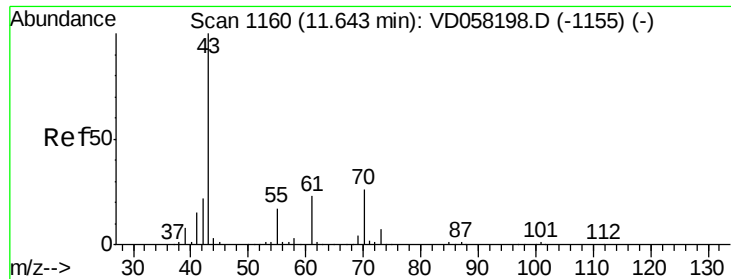


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 78.739 ug/l

RT: 11.56 min Scan# 1151

Delta R.T. -0.08 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

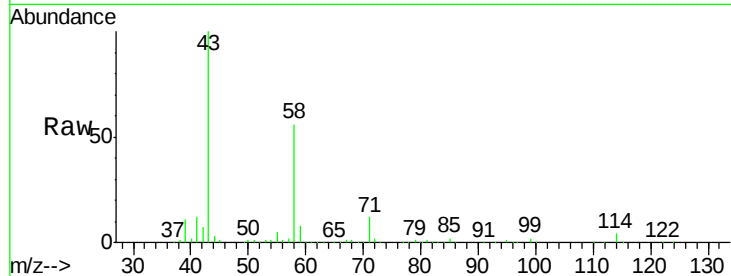
MSVOA_D

ClientSampleId :

F3-58-SRI3

Tot Ion: 43 Resp: 626234

Ion	Ratio	Lower	Upper
43	100		
70	0.5	20.9	31.3#
55	5.2	13.5	20.3#
61	0.1	18.2	27.2#

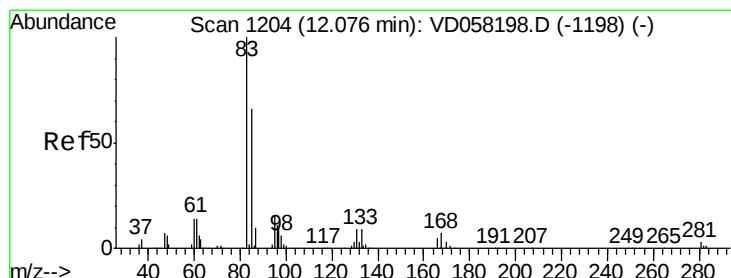
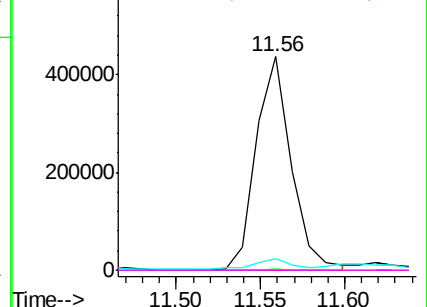
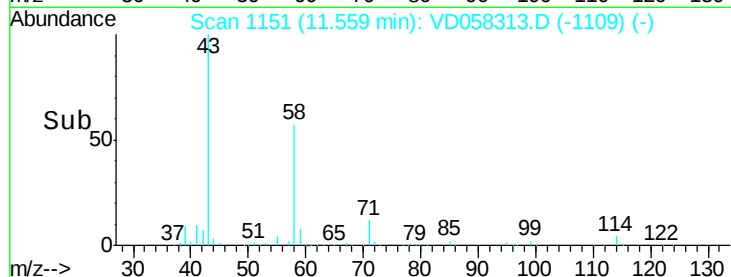


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 1.264 ug/l

RT: 12.05 min Scan# 1201

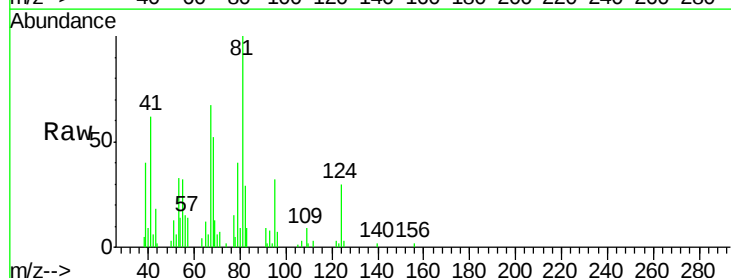
Delta R.T. -0.02 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Tgt Ion: 83 Resp: 6051

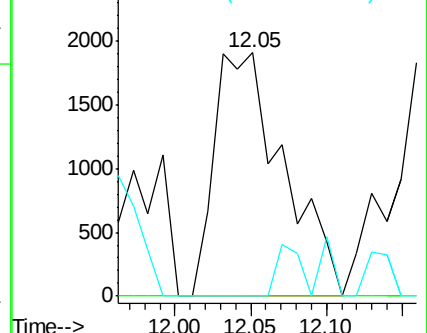
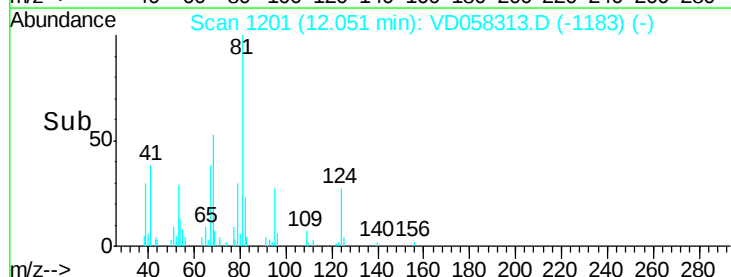
Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.8	14.3#
85	0.0	33.1	99.5#

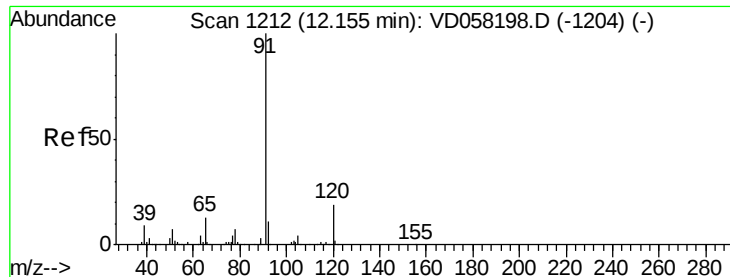


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC





#78

n-propylbenzene

Concen: 4.453 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

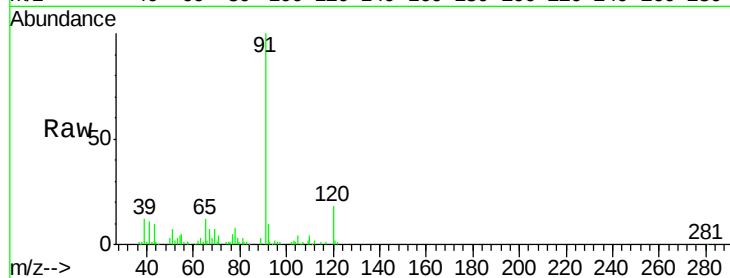
F3-58-SRI3

Tot Ion: 91 Resp: 118281

Ion Ratio Lower Upper

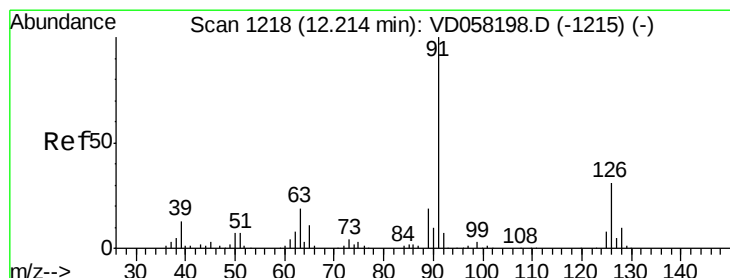
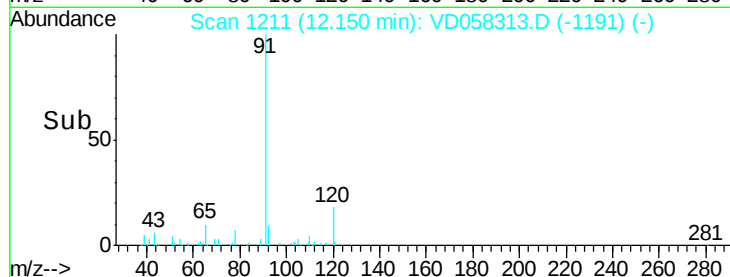
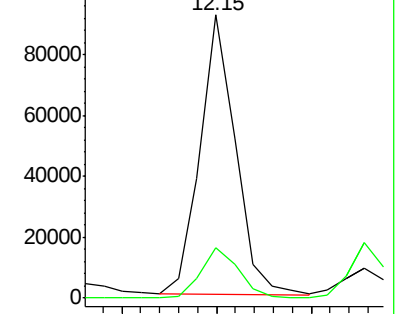
91 100

120 17.6 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V



#79

2-Chlorotoluene

Concen: 1.247 ug/l

RT: 12.23 min Scan# 1219

Delta R.T. 0.01 min

Lab File: VD058313.D

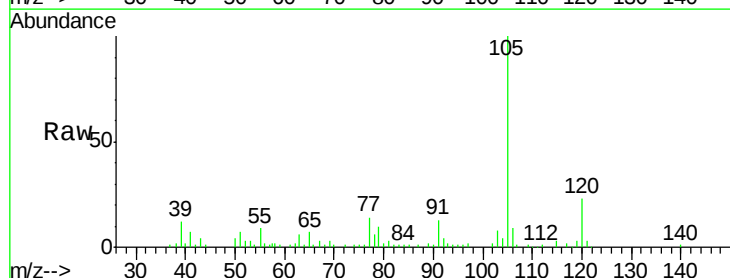
Acq: 22 Jun 2018 23:05

Tgt Ion: 91 Resp: 18960

Ion Ratio Lower Upper

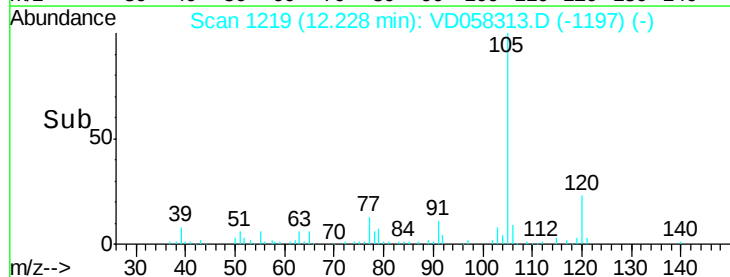
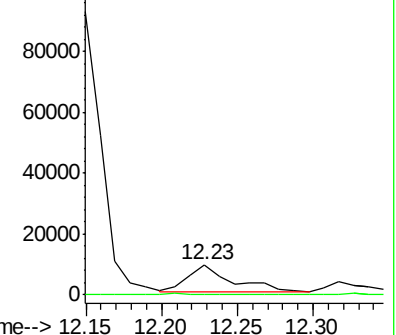
91 100

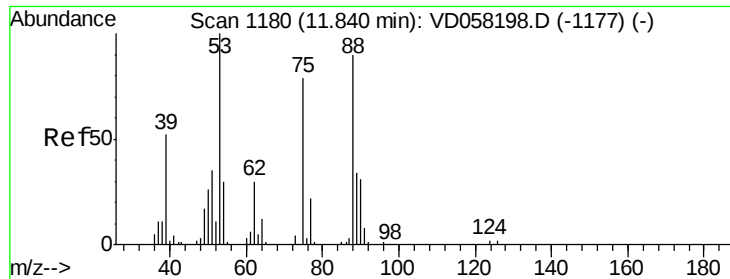
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 127.204 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. 0.08 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

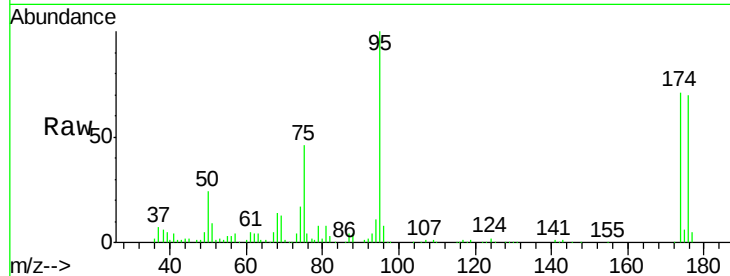
Tot Ion: 75 Resp: 155767

Ion Ratio Lower Upper

75 100

53 3.8 100.8 151.2#

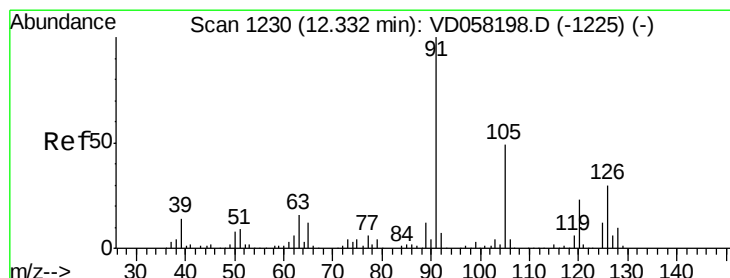
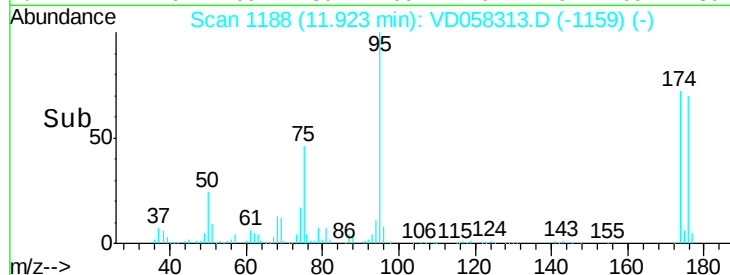
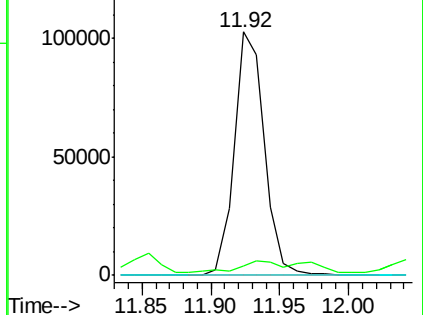
89 0.0 34.6 52.0#



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: 12.32 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VD058313.D

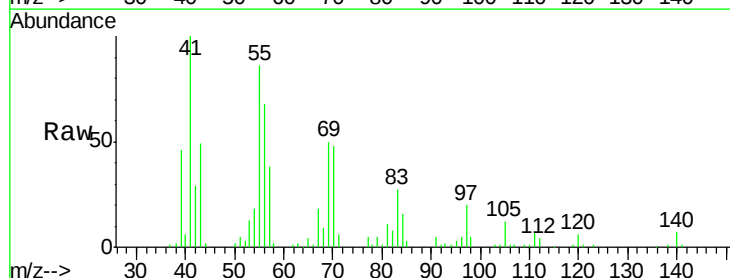
Acq: 22 Jun 2018 23:05

Tgt Ion: 91 Resp: 6418

Ion Ratio Lower Upper

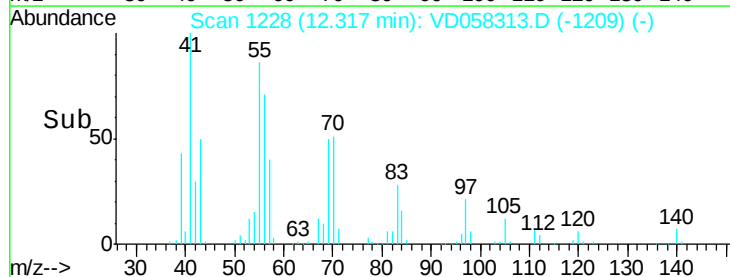
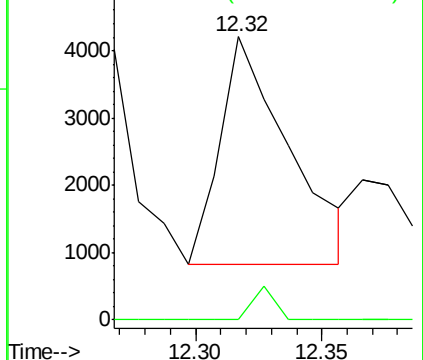
91 100

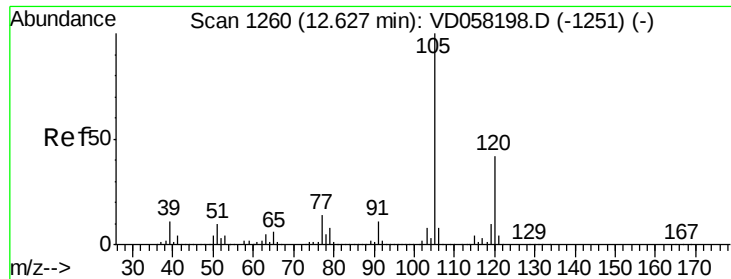
126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

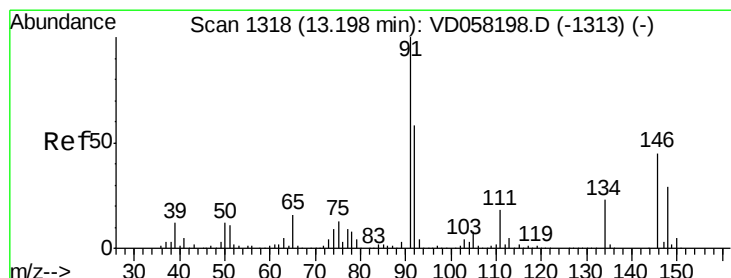
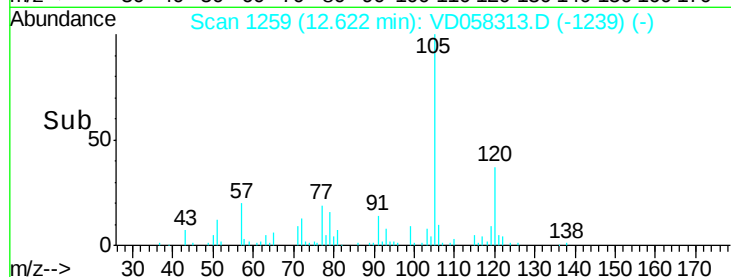
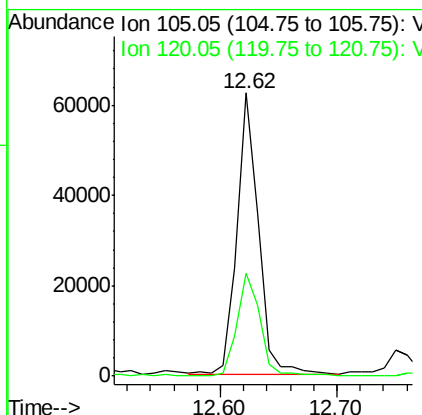
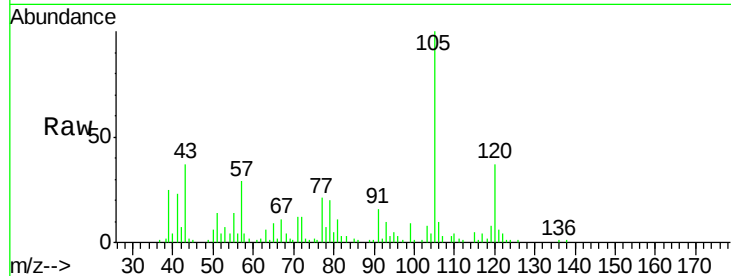




#84
 1,2,4-Trimethylbenzene
 Concen: 4.529 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VD058313.D
 Acq: 22 Jun 2018 23:05

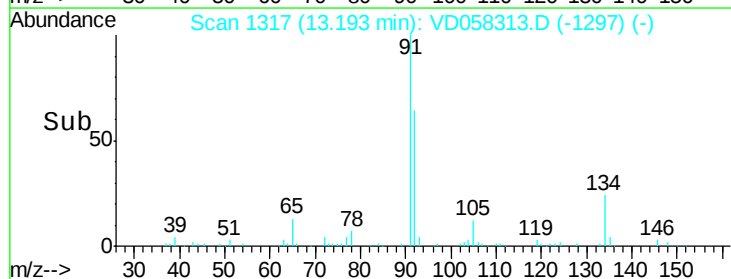
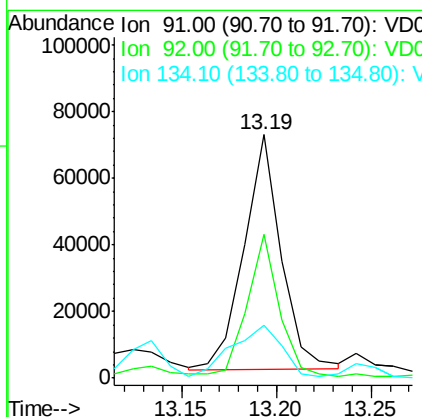
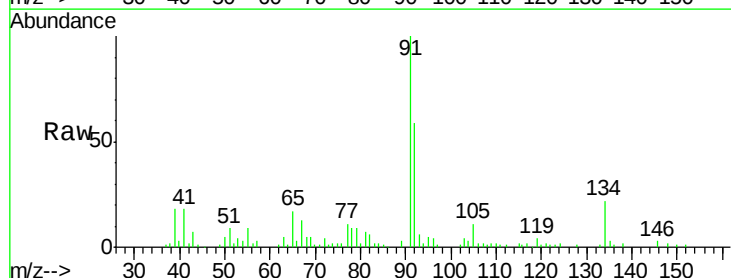
Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

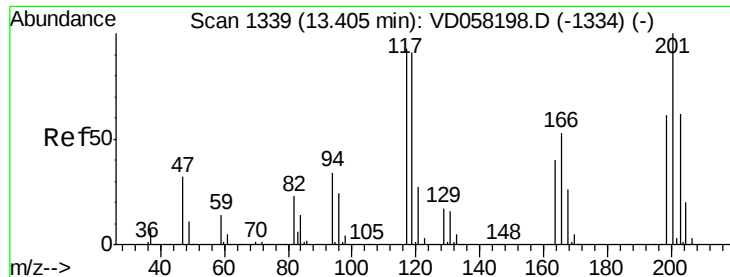
Tot Ion:105 Resp: 78992
 Ion Ratio Lower Upper
 105 100
 120 36.5 20.8 62.4



#89
 n-Butylbenzene
 Concen: 5.223 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VD058313.D
 Acq: 22 Jun 2018 23:05

Tgt Ion: 91 Resp: 96176
 Ion Ratio Lower Upper
 91 100
 92 59.1 29.2 87.6
 134 22.0 11.3 33.8





#90

Hexachloroethane

Concen: 6.767 ug/l

RT: 13.39 min Scan# 1337

Delta R.T. -0.01 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

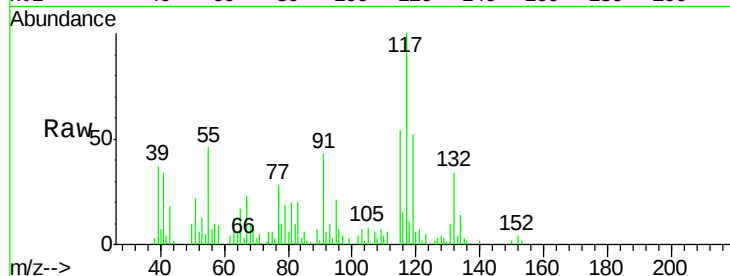
F3-58-SRI3

Tot Ion:117 Resp: 30774

Ion Ratio Lower Upper

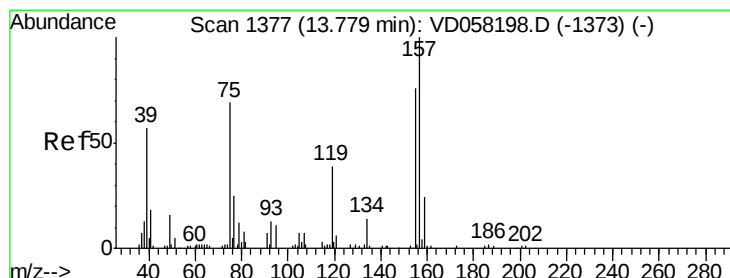
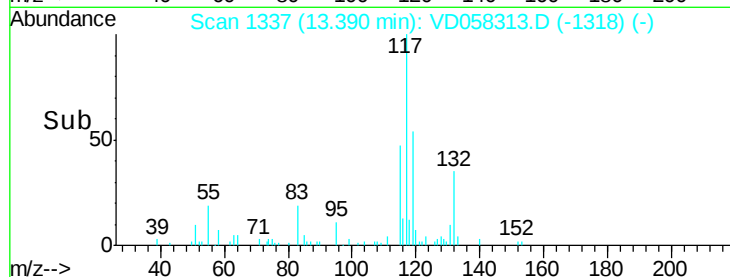
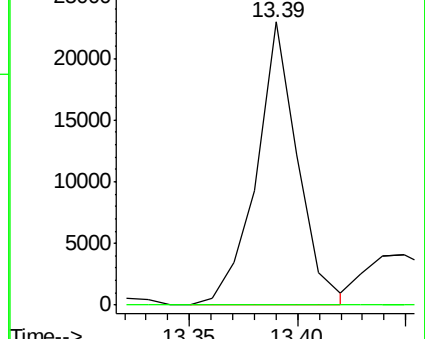
117 100

201 0.0 53.8 161.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.980 ug/l

RT: 13.78 min Scan# 1377

Delta R.T. 0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

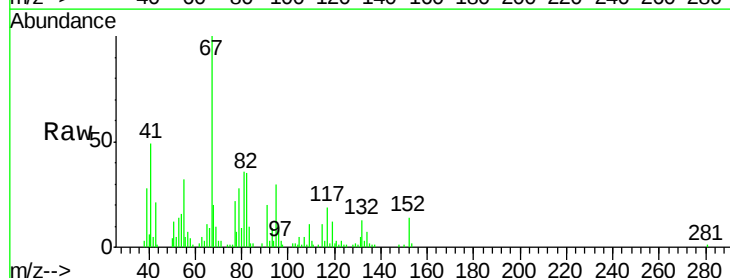
Tgt Ion: 75 Resp: 1508

Ion Ratio Lower Upper

75 100

155 0.0 54.5 163.5#

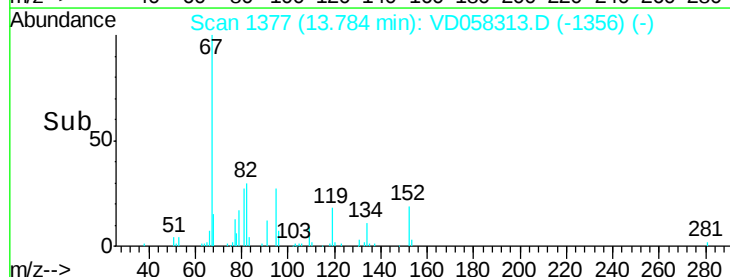
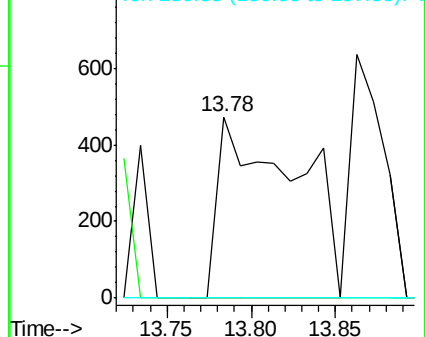
157 0.0 72.0 215.9#

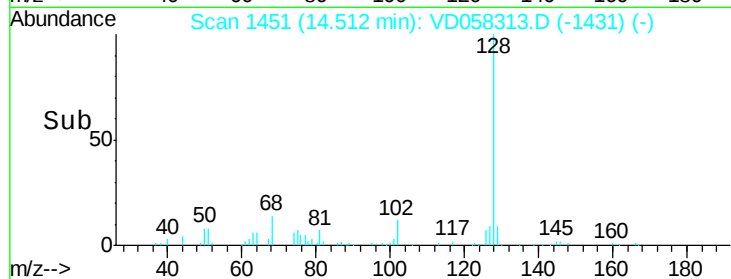
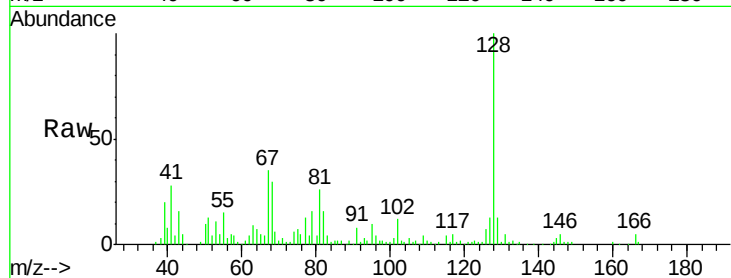
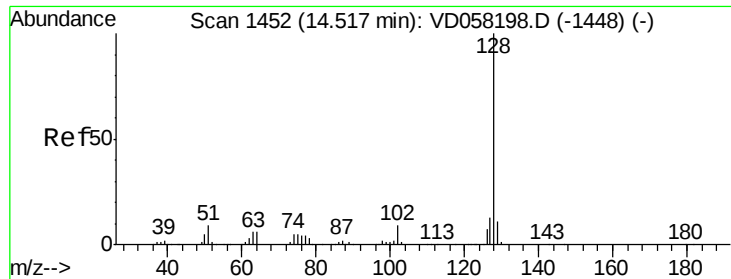


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95

Naphthalene

Concen: 13.610 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.00 min

Lab File: VD058313.D

Acq: 22 Jun 2018 23:05

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

Tot Ion:128 Resp: 156214

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 12.8 8.7 13.1

