

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058259.D
 Acq On : 21 Jun 2018 18:25
 Operator : VA/AP
 Sample : J3617-01
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

Quant Time: Jun 22 06:16:31 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	5.65	168	632775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	800165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.70	117	662386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	341594	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	325126	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
35) Dibromofluoromethane	5.56	113	319626	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	
50) Toluene-d8	8.72	98	764827	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.94	95	399885	62.13	ug/l	0.00
Spiked Amount			Recovery	=	124.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	1305	Below Cal	#	66
3) Chloromethane	1.54	50	2671	Below Cal	#	43
5) Bromomethane	1.80	94	190	Below Cal	#	3
13) Acrolein	2.43	56	301	2.501	ug/l #	1
16) Acetone	2.60	43	586570	671.066	ug/l	95
20) Methylene Chloride	3.07	84	15799	2.386	ug/l #	85
25) 2-Butanone	4.84	43	778573	408.679	ug/l	93
29) Tetrahydrofuran	5.19	42	3099	3.056	ug/l #	37
31) Cyclohexane	5.64	56	20152	Below Cal	#	1
37) Ethyl Acetate	4.84	43	783990	173.831	ug/l #	72
38) Carbon Tetrachloride	5.65	117	48764	6.200	ug/l #	14
39) Methylcyclohexane	7.29	83	18609	2.414	ug/l	92
40) Benzene	6.01	78	51625	2.738	ug/l #	81
43) Isopropyl Acetate	7.28	43	496713	82.608	ug/l #	49
48) Methyl methacrylate	7.54	41	11792	3.227	ug/l #	84
51) 4-Methyl-2-Pentanone	8.61	43	7151	1.823	ug/l	99
52) Toluene	8.81	92	129159	12.030	ug/l	98
59) 2-Hexanone	9.79	43	329803	116.375	ug/l	97
67) Ethyl Benzene	10.86	91	223934	10.237	ug/l	96
68) m/p-Xylenes	11.01	106	89704	12.297	ug/l	89
69) o-Xylene	11.42	106	124006	17.799	ug/l	95
70) Styrene	11.44	104	81544	6.859	ug/l #	88
73) Isopropylbenzene	11.78	105	25877	1.266	ug/l	97
74) N-ethyl acetate	11.69	43	35263	4.464	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.06	83	9258	1.947	ug/l #	40
78) n-propylbenzene	12.15	91	341758	12.952	ug/l	99
79) 2-Chlorotoluene	12.23	91	57146	3.785	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.32	105	31549	1.980	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.94	75	142924	117.499	ug/l #	11
82) 4-Chlorotoluene	12.33	91	11165	Below Cal	#	57
83) tert-Butylbenzene	12.64	119	26222	1.431	ug/l #	32
84) 1,2,4-Trimethylbenzene	12.63	105	213562	12.328	ug/l	96
85) sec-Butylbenzene	12.76	105	22873	1.065	ug/l	99
86) p-Isopropyltoluene	12.89	119	28555	1.641	ug/l #	42

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Response via : Initial Calibration

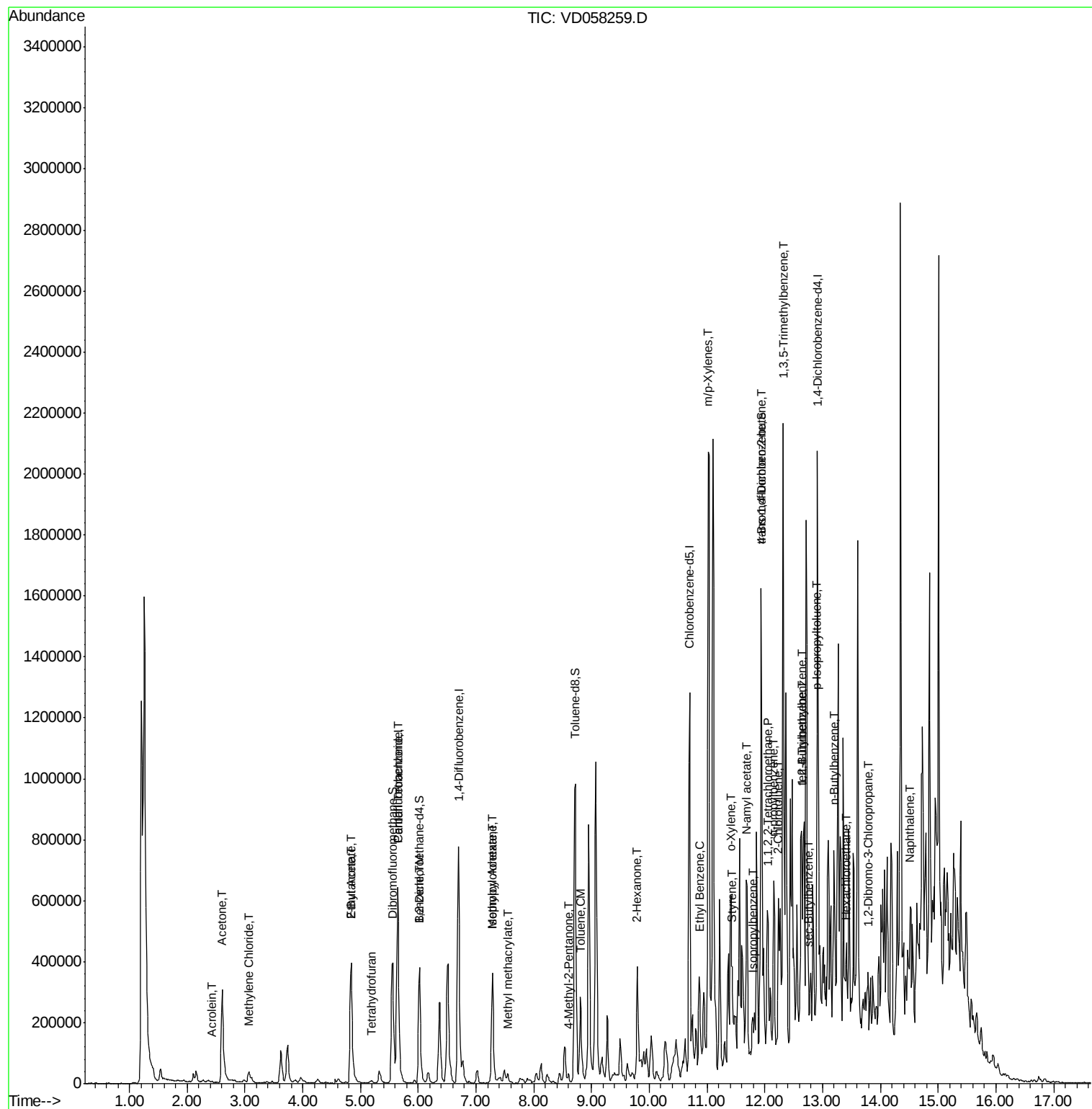
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.20	91	264568	14.464	ug/l	95
90) Hexachloroethane	13.39	117	49898	11.046	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.78	75	1237	1.635	ug/l #	1
95) Naphthalene	14.52	128	107482	9.427	ug/l #	97

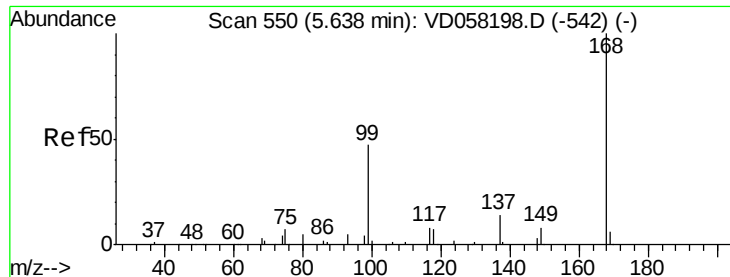
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
Data File : VD058259.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

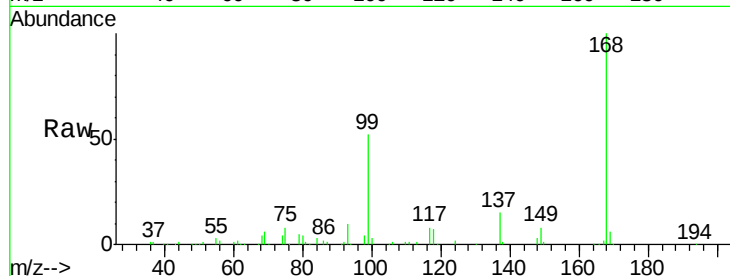
F3-58-SRI3

Tot Ion:168 Resp: 632775

Ion Ratio Lower Upper

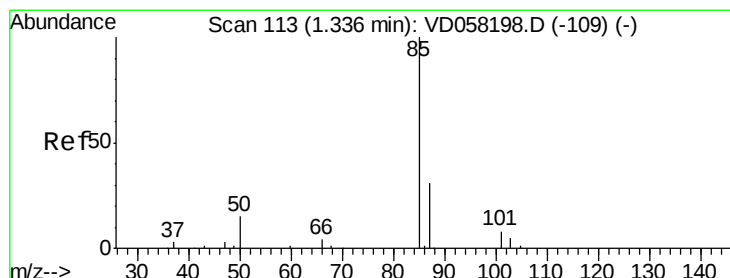
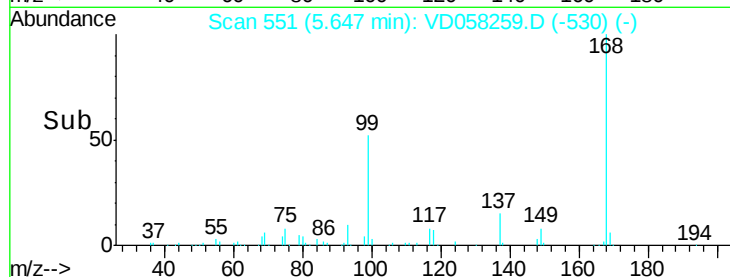
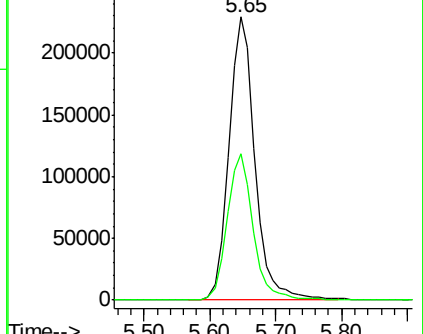
168 100

99 51.8 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: 1.33 min Scan# 112

Delta R.T. -0.01 min

Lab File: VD058259.D

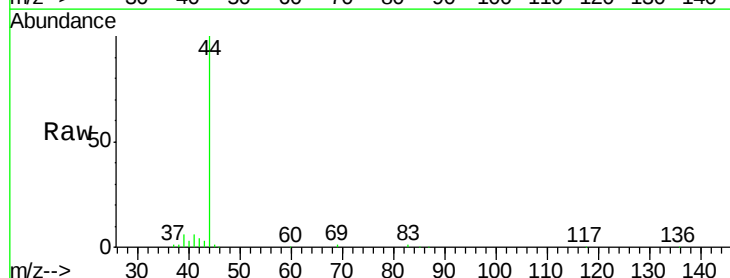
Acq: 21 Jun 2018 18:25

Tgt Ion: 85 Resp: 1305

Ion Ratio Lower Upper

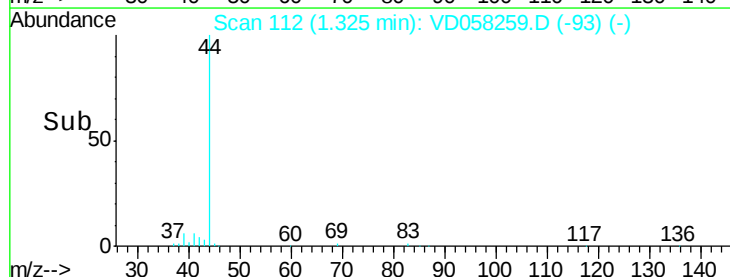
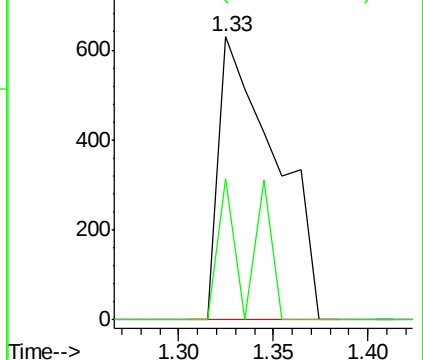
85 100

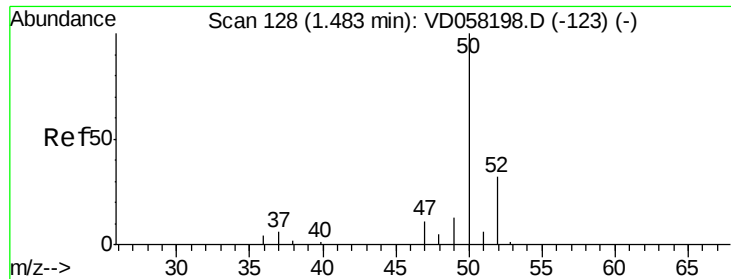
87 50.1 15.7 47.0#



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# 134

Delta R.T. 0.06 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

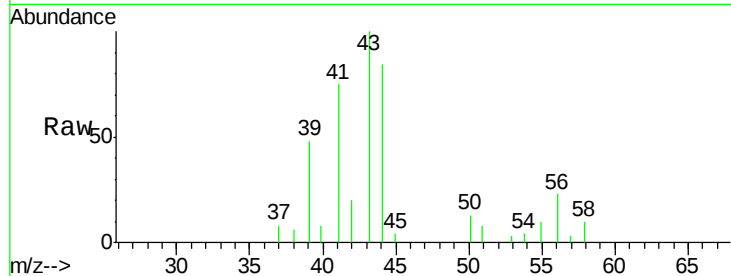
F3-58-SRI3

Tot Ion: 50 Resp: 2671

Ion Ratio Lower Upper

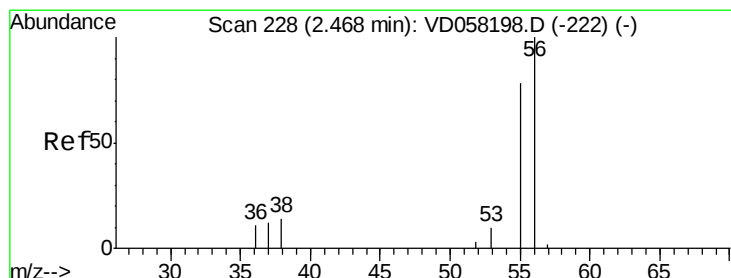
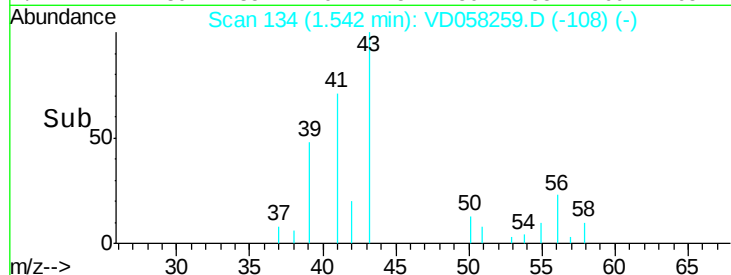
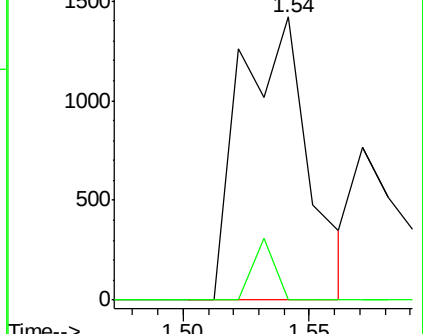
50 100

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



#13

Acrolein

Concen: 2.501 ug/l

RT: 2.43 min Scan# 224

Delta R.T. -0.04 min

Lab File: VD058259.D

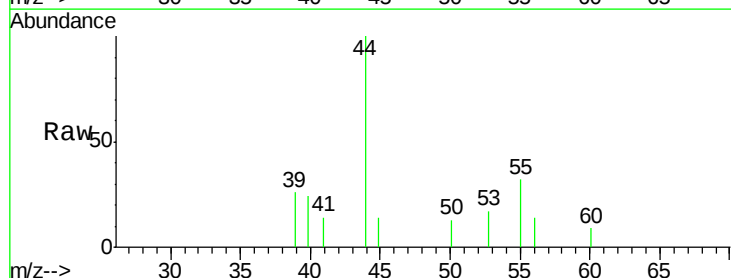
Acq: 21 Jun 2018 18:25

Tgt Ion: 56 Resp: 301

Ion Ratio Lower Upper

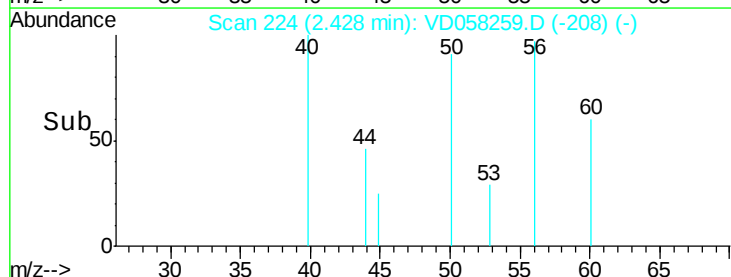
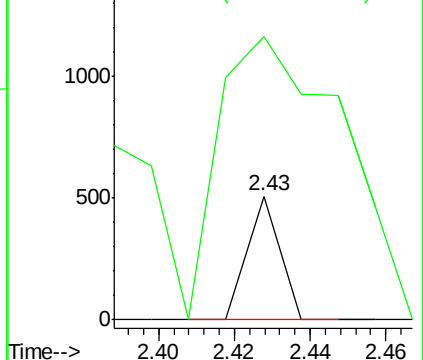
56 100

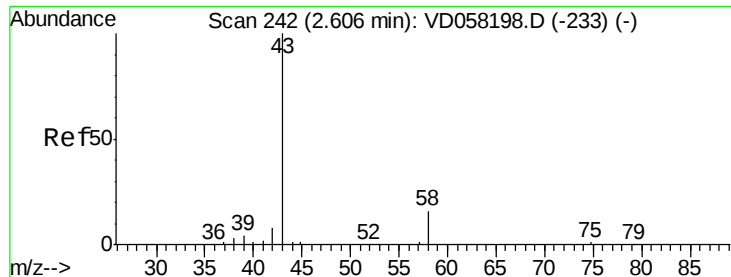
55 228.5 62.1 93.1#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#16

Acetone

Concen: 671.066 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

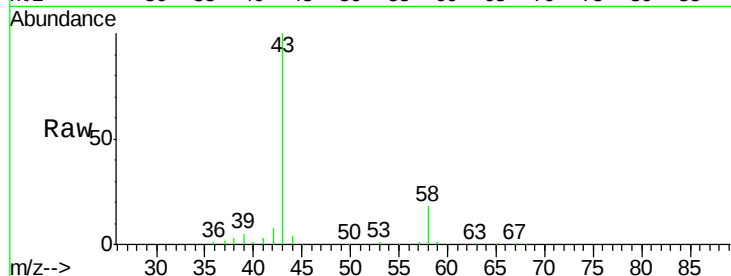
F3-58-SRI3

Tot Ion: 43 Resp: 586570

Ion Ratio Lower Upper

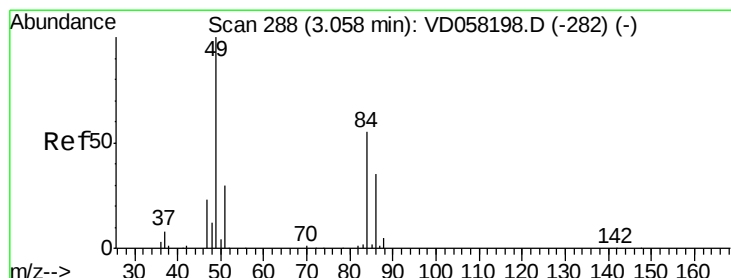
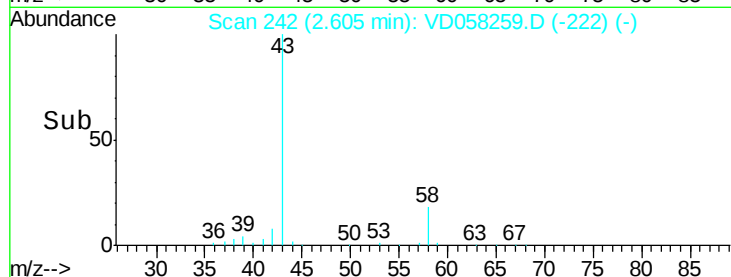
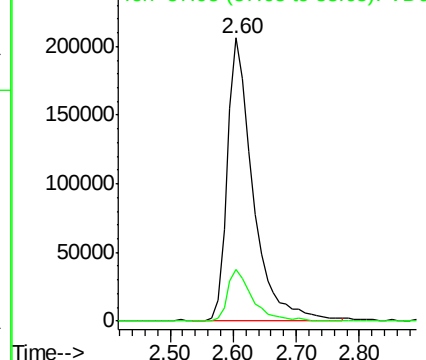
43 100

58 18.2 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 2.386 ug/l

RT: 3.07 min Scan# 289

Delta R.T. 0.01 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Tgt Ion: 84 Resp: 15799

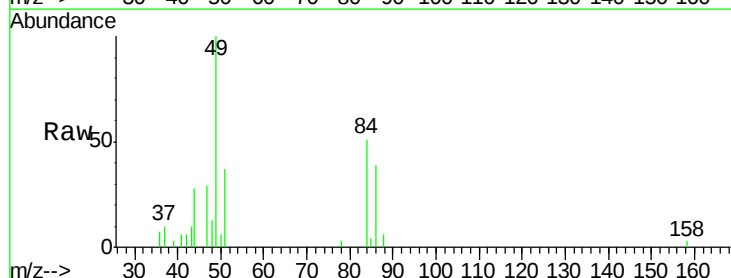
Ion Ratio Lower Upper

84 100

49 195.4 145.0 217.6

51 72.9 42.9 64.3#

86 76.0 50.1 75.1#

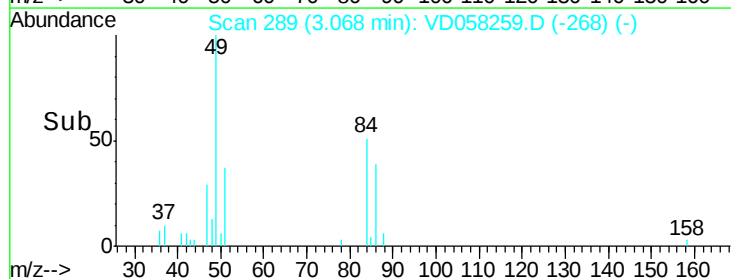
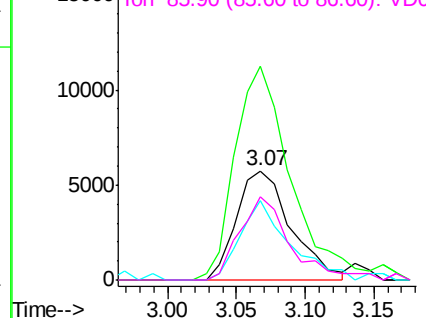


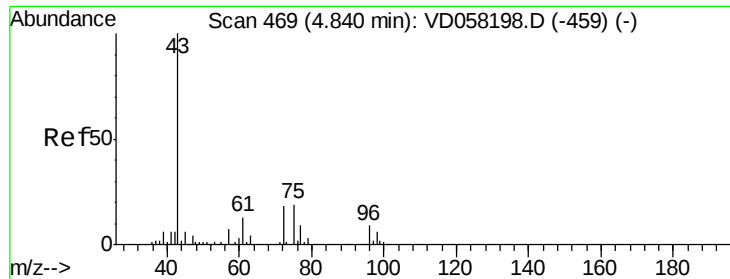
Abundance Ion 83.95 (83.65 to 84.65): VDC

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





#25

2-Butanone

Concen: 408.679 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

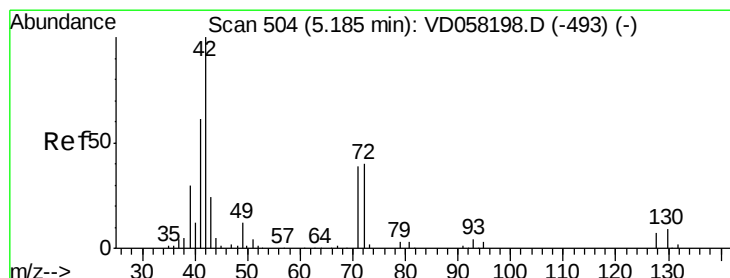
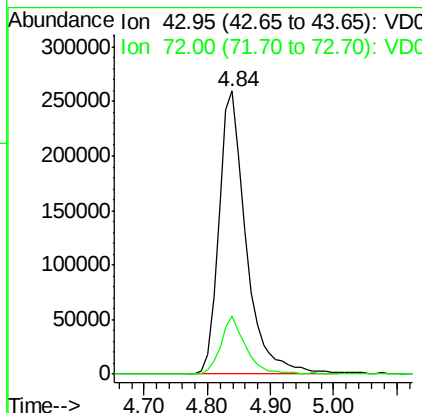
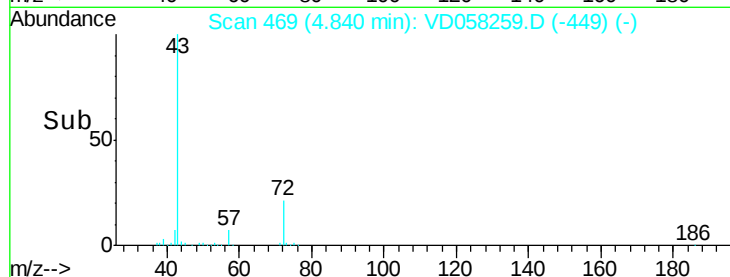
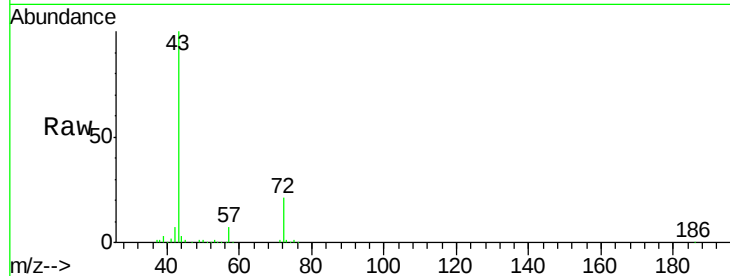
F3-58-SRI3

Tot Ion: 43 Resp: 778573

Ion Ratio Lower Upper

43 100

72 20.6 14.1 21.1



#29

Tetrahydrofuran

Concen: 3.056 ug/l

RT: 5.19 min Scan# 505

Delta R.T. 0.01 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

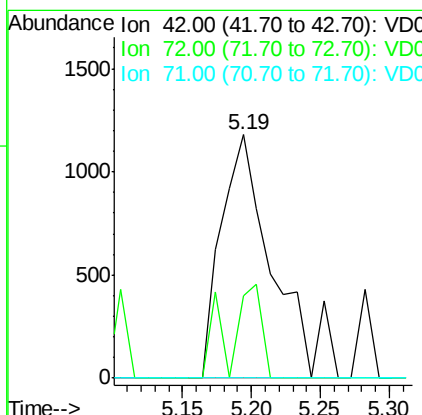
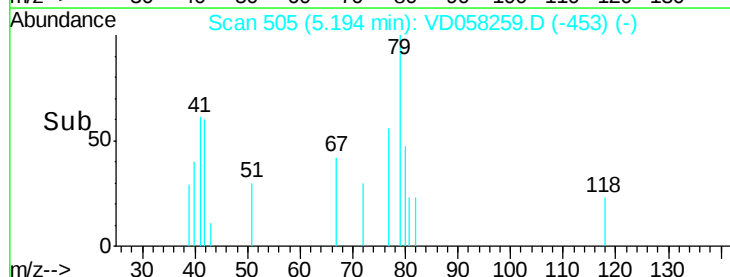
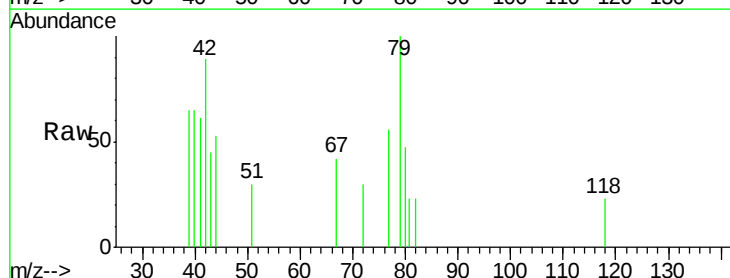
Tgt Ion: 42 Resp: 3099

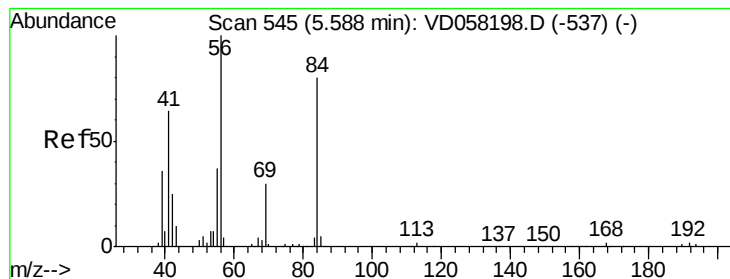
Ion Ratio Lower Upper

42 100

72 0.0 30.2 45.2#

71 0.0 30.1 45.1#





#31

Cyclohexane

Concen: Below Cal

RT: 5.64 min Scan# 550

Delta R.T. 0.05 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampled :

F3-58-SRI3

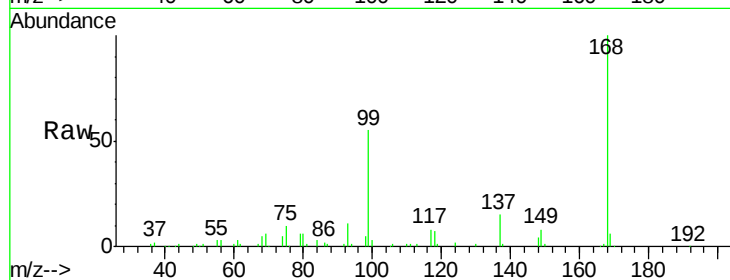
Tot Ion: 56 Resp: 20152

Ion Ratio Lower Upper

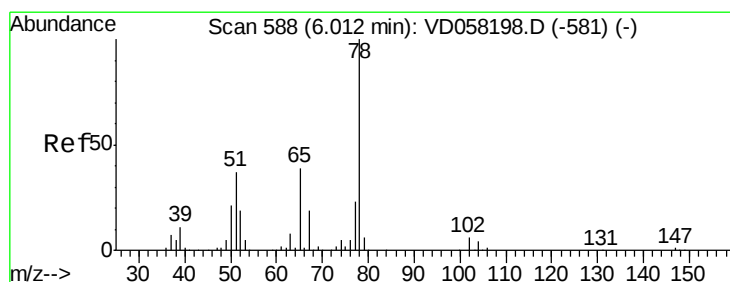
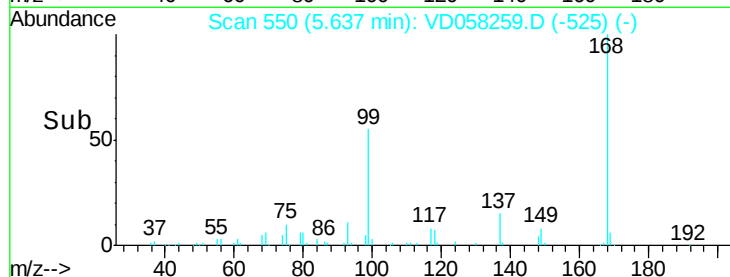
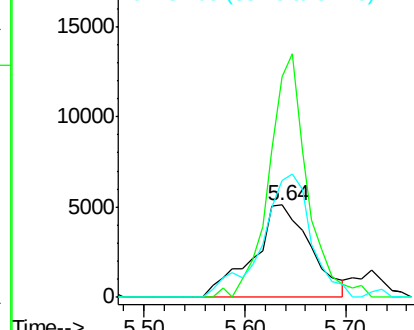
56 100

69 239.2 23.6 35.4#

84 126.8 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: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058259.D

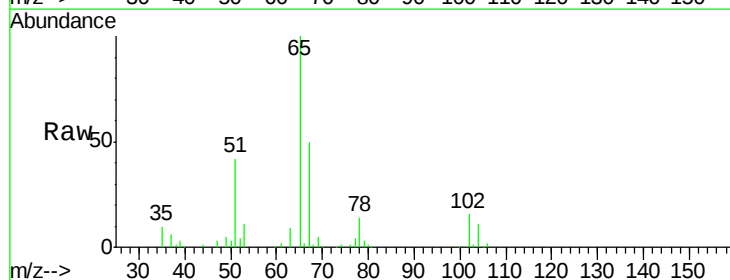
Acq: 21 Jun 2018 18:25

Tgt Ion: 65 Resp: 325126

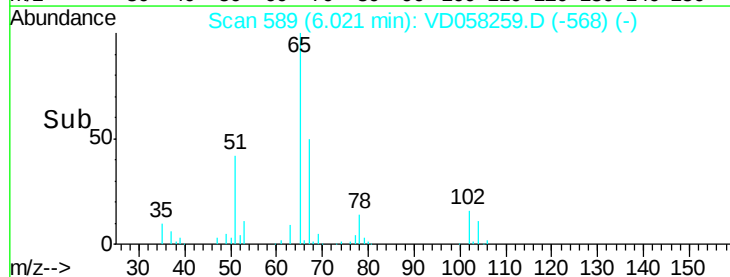
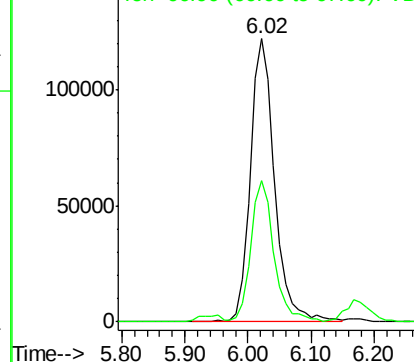
Ion Ratio Lower Upper

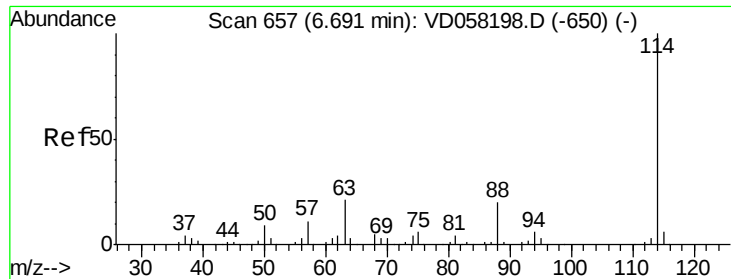
65 100

67 50.1 0.0 97.8



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

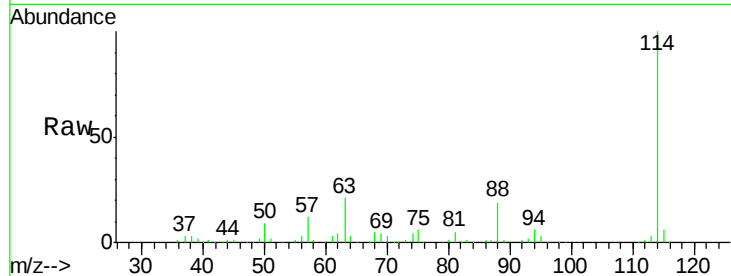




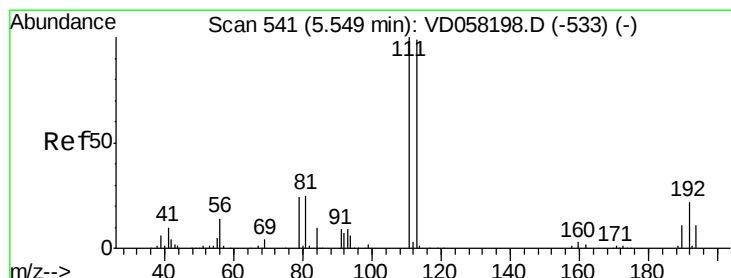
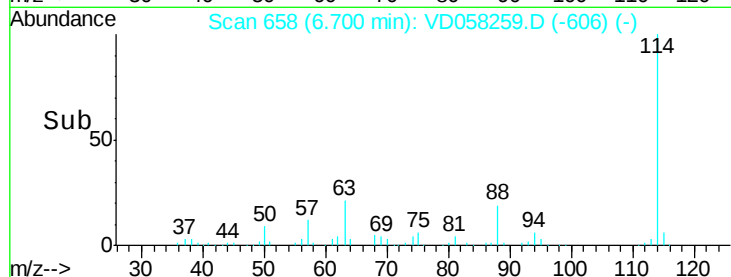
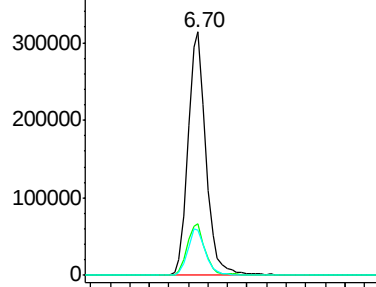
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

Tot Ion:114 Resp: 800165
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.6
 88 18.7 0.0 40.6

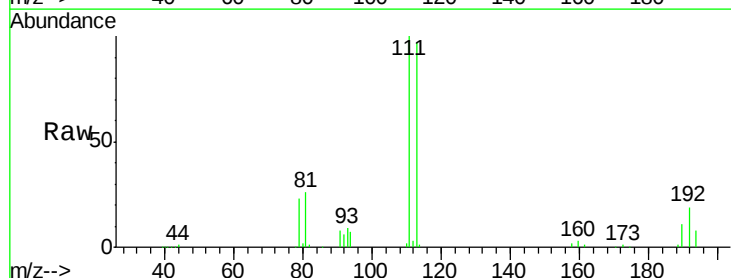


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

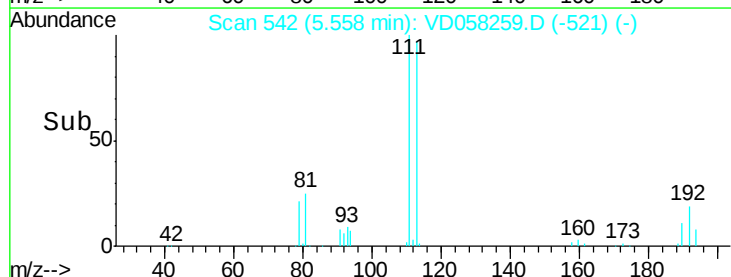
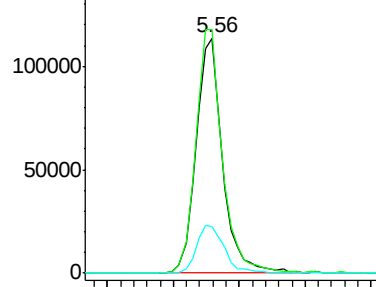


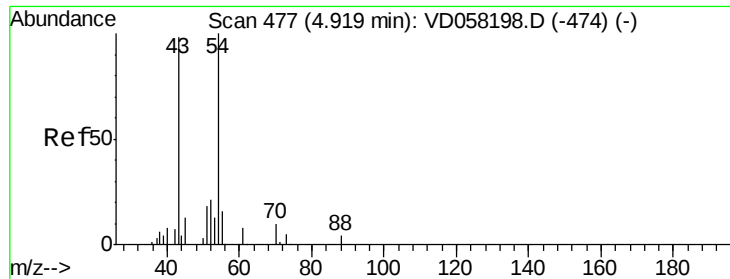
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Tgt Ion:113 Resp: 319626
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.6 121.0
 192 20.0 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





#37

Ethyl Acetate

Concen: 173.831 ug/l

RT: 4.84 min Scan# 469

Delta R.T. -0.08 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

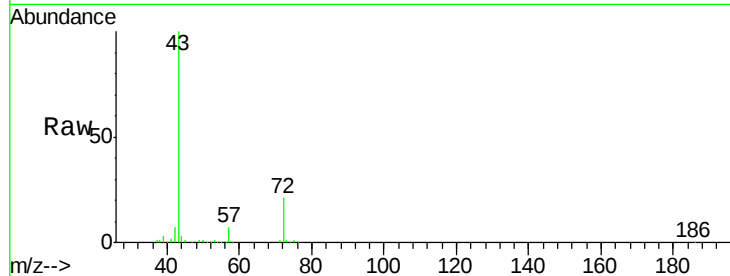
Tot Ion: 43 Resp: 783990

Ion Ratio Lower Upper

43 100

61 0.0 10.3 15.5#

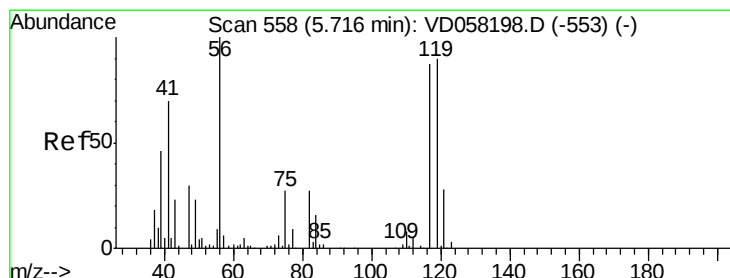
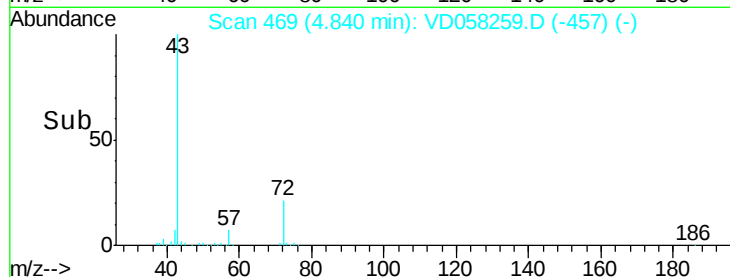
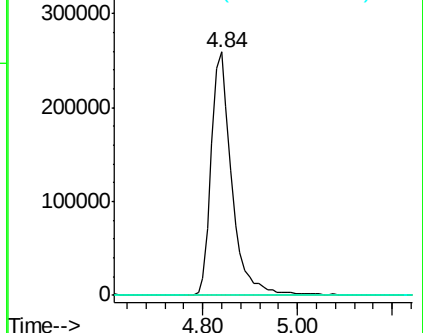
70 0.0 5.7 8.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.200 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.07 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

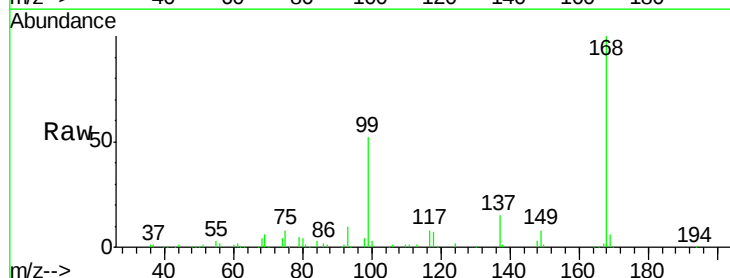
Tgt Ion: 117 Resp: 48764

Ion Ratio Lower Upper

117 100

119 3.6 78.8 118.2#

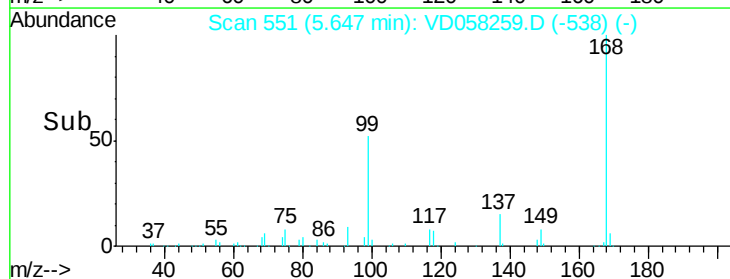
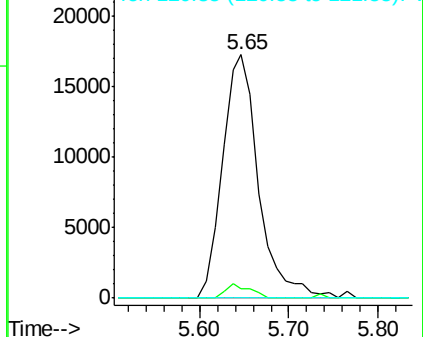
121 0.0 25.0 37.6#

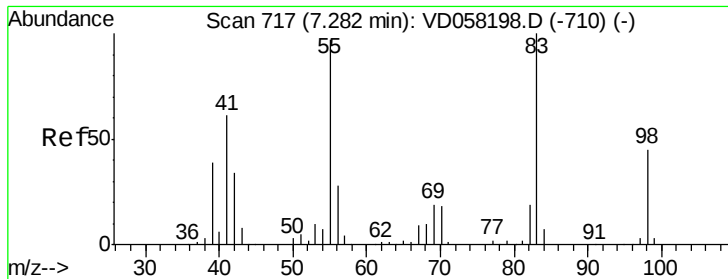


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

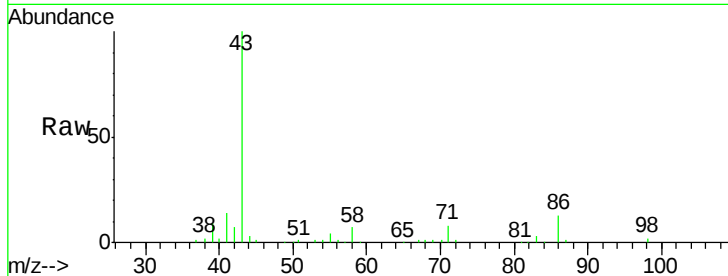




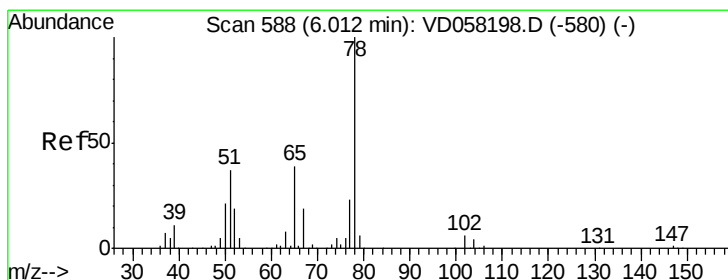
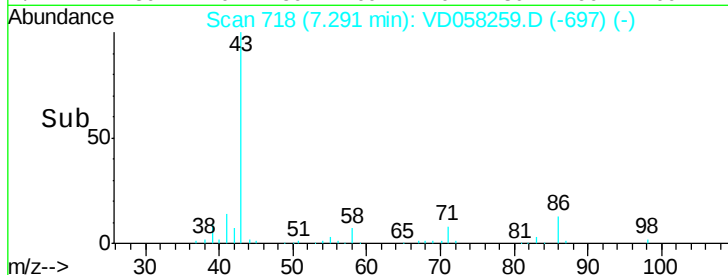
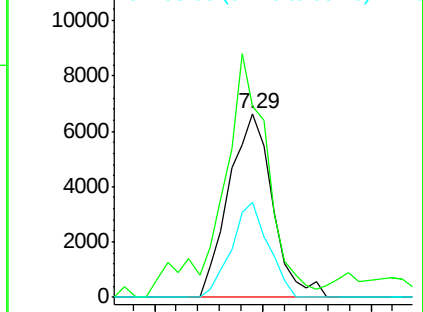
#39
Methvlcvclohexane
Concen: 2.414 ug/l
RT: 7.29 min Scan# 718
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

Tot Ion: 83 Resp: 18609
Ion Ratio Lower Upper
83 100
55 104.0 77.4 116.2
98 51.7 35.9 53.9

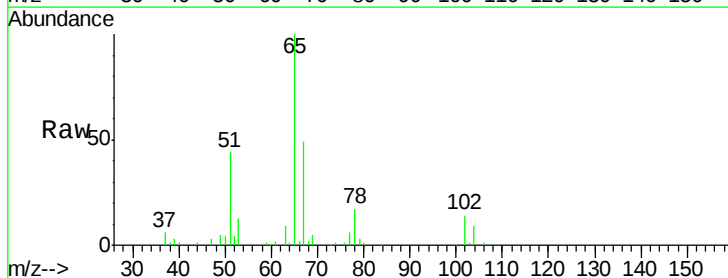


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

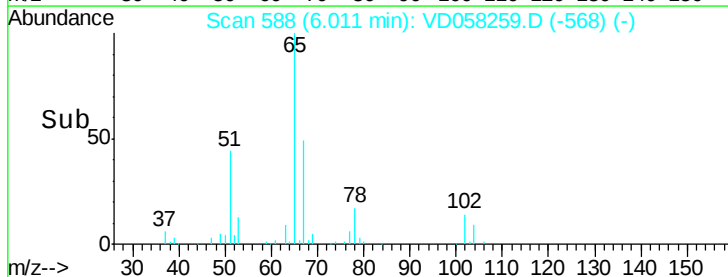
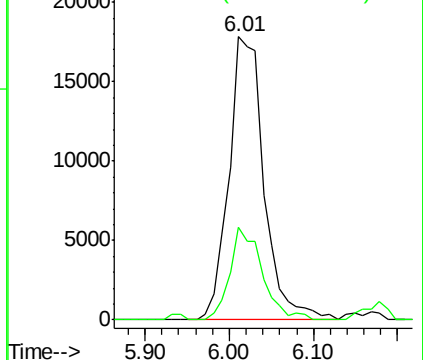


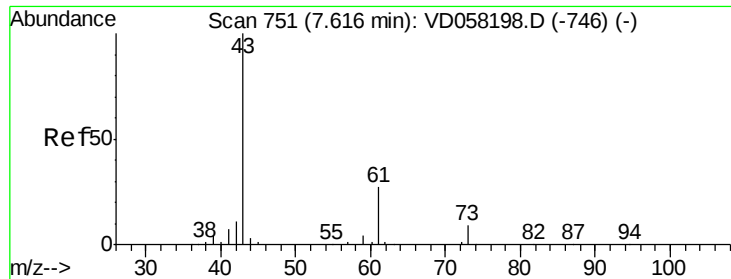
#40
Benzene
Concen: 2.738 ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.00 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion: 78 Resp: 51625
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



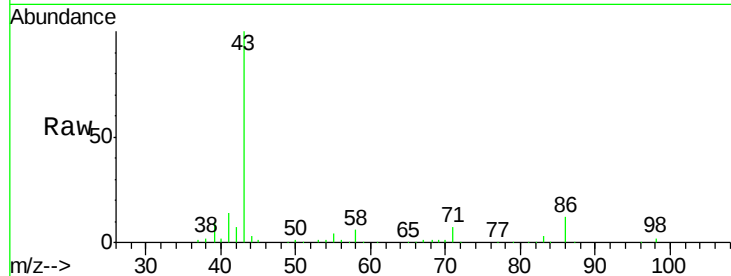


#43

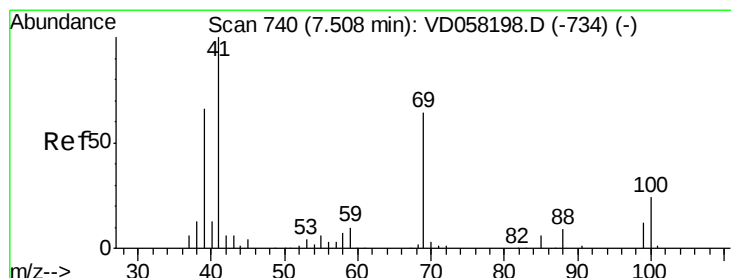
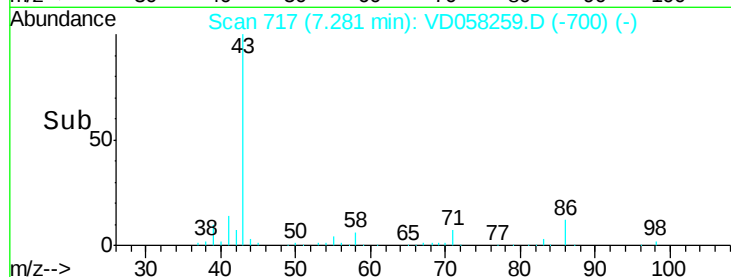
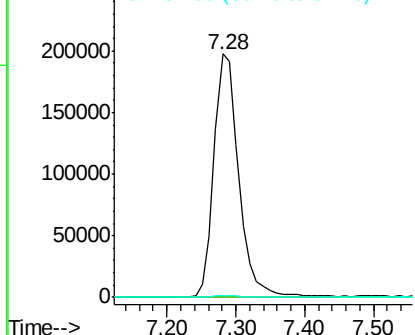
Isopropyl Acetate
 Concen: 82.608 ug/l
 RT: 7.28 min Scan# 717
 Delta R.T. -0.34 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

Tot Ion: 43 Resp: 496713
 Ion Ratio Lower Upper
 43 100
 61 0.2 21.8 32.6#
 87 0.5 0.3 0.5#



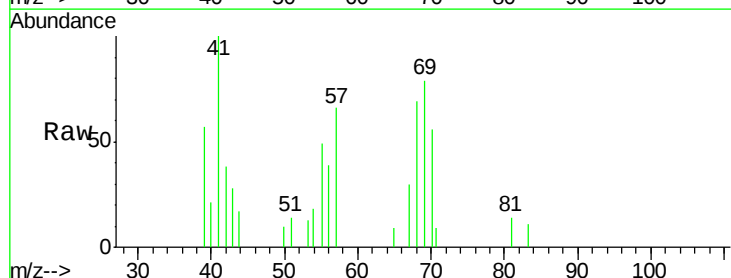
Abundance Ion 42.95 (42.65 to 43.65): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 87.00 (86.70 to 87.70): VDC



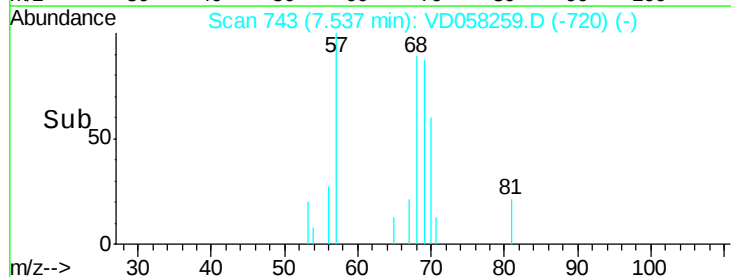
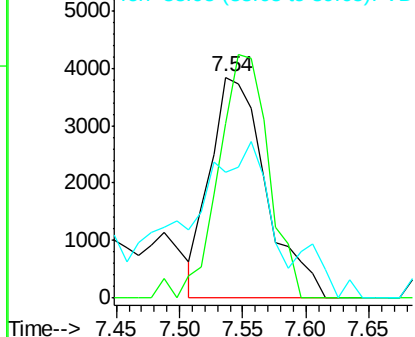
#48

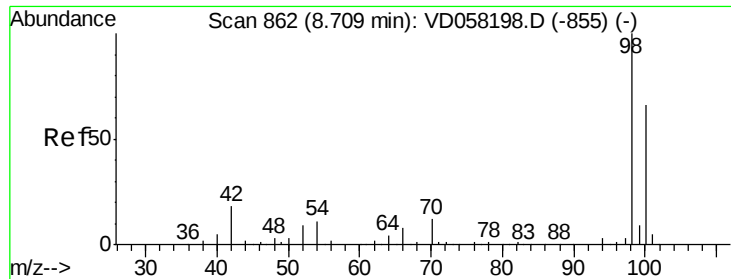
Methyl methacrylate
 Concen: 3.227 ug/l
 RT: 7.54 min Scan# 743
 Delta R.T. 0.03 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Tgt Ion: 41 Resp: 11792
 Ion Ratio Lower Upper
 41 100
 69 79.2 50.7 76.1#
 39 57.0 52.6 78.8



Abundance Ion 40.95 (40.65 to 41.65): VDC
 Ion 69.00 (68.70 to 69.70): VDC
 Ion 38.95 (38.65 to 39.65): VDC

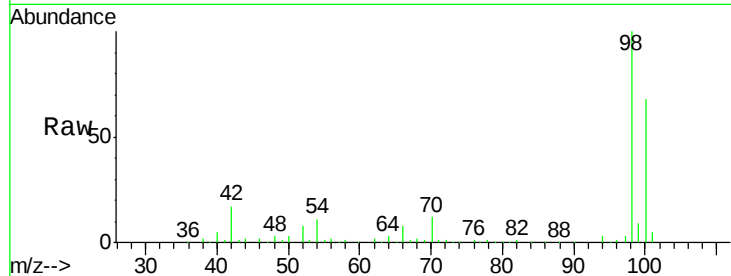




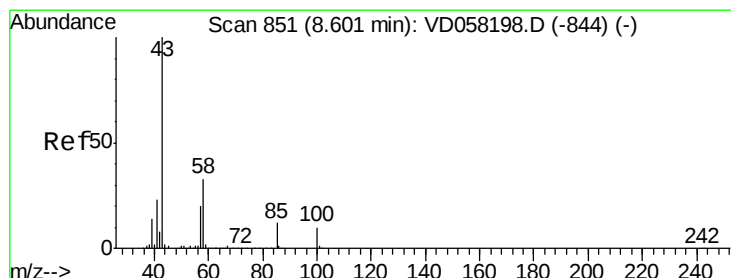
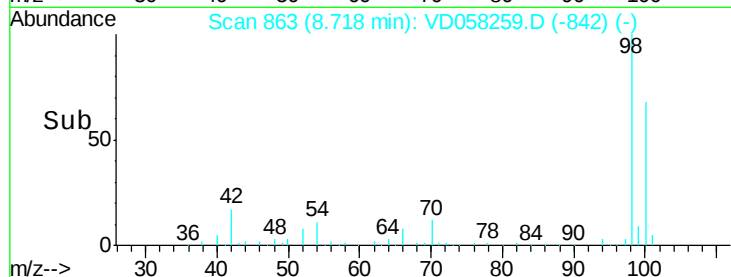
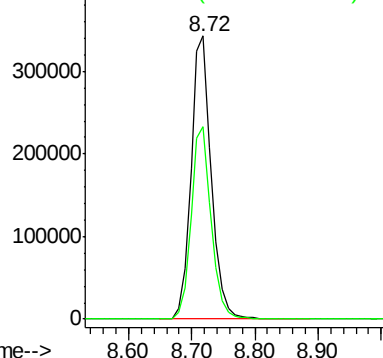
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.72 min Scan# 863
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

Tot Ion: 98 Resp: 764827
Ion Ratio Lower Upper
98 100
100 68.0 53.6 80.4

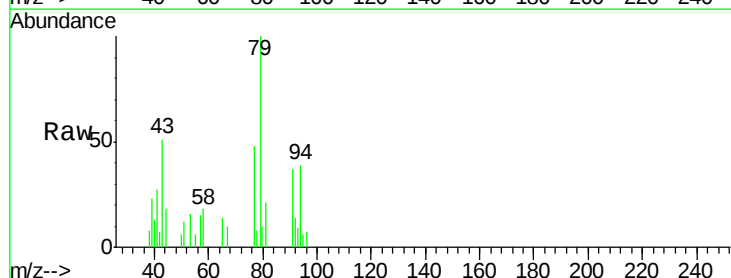


Abundance Ion 98.05 (97.75 to 98.75): VD058198.D (-855) (-)
Ion 100.05 (99.75 to 100.75): VD058198.D (-855) (-)

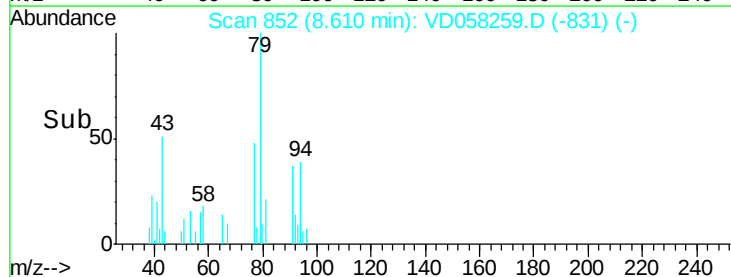
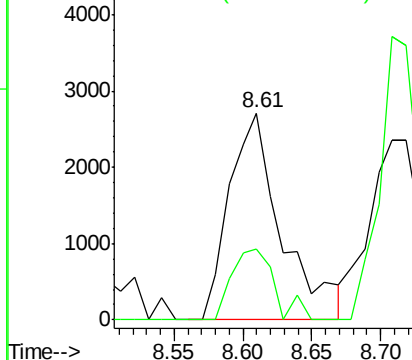


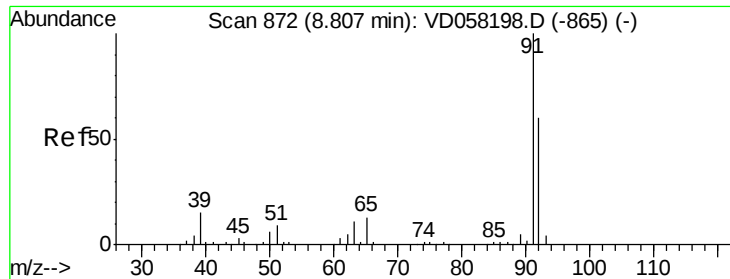
#51
4-Methyl-2-Pentanone
Concen: 1.823 ug/l
RT: 8.61 min Scan# 852
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion: 43 Resp: 7151
Ion Ratio Lower Upper
43 100
58 34.2 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VD058198.D (-844) (-)
Ion 57.95 (57.65 to 58.65): VD058198.D (-844) (-)





#52

Toluene

Concen: 12.030 ug/l

RT: 8.81 min Scan# 872

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

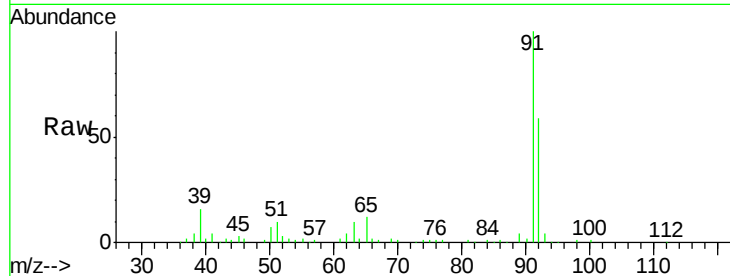
F3-58-SRI3

Tot Ion: 92 Resp: 129159

Ion Ratio Lower Upper

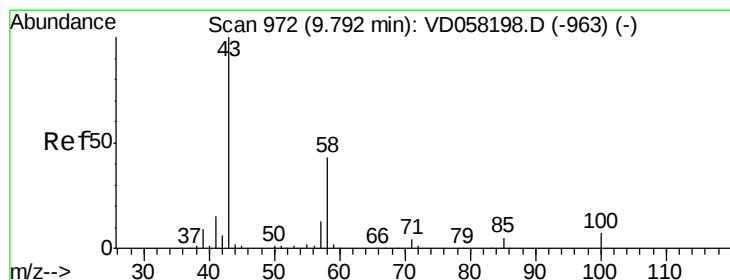
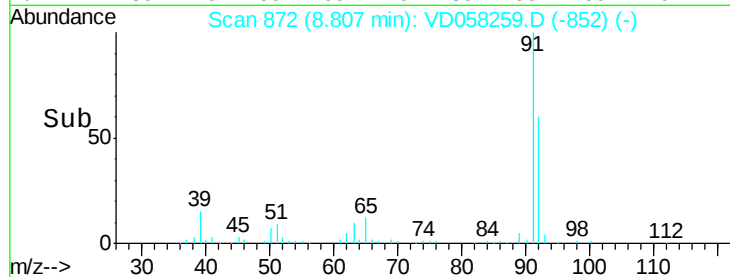
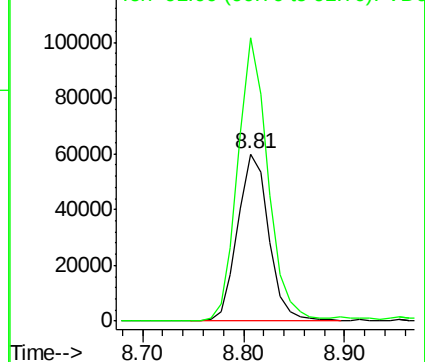
92 100

91 169.1 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#59

2-Hexanone

Concen: 116.375 ug/l

RT: 9.79 min Scan# 972

Delta R.T. -0.00 min

Lab File: VD058259.D

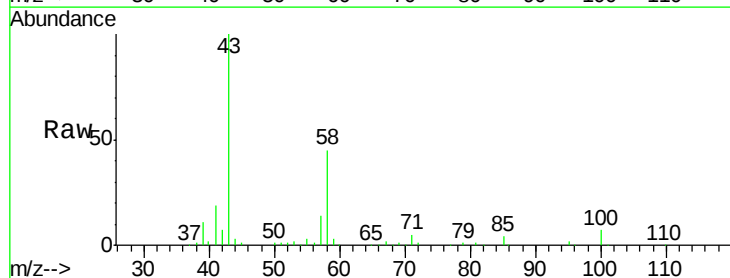
Acq: 21 Jun 2018 18:25

Tgt Ion: 43 Resp: 329803

Ion Ratio Lower Upper

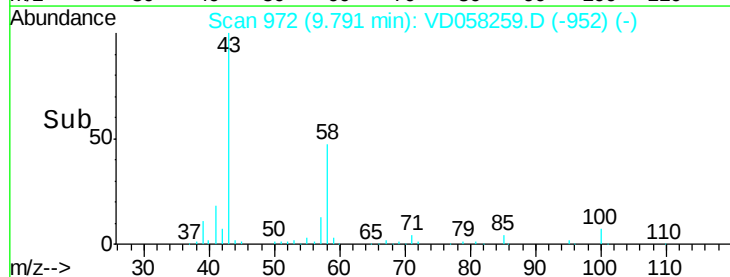
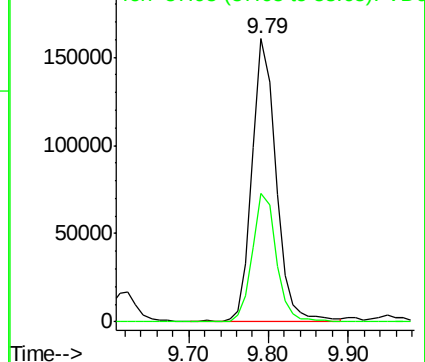
43 100

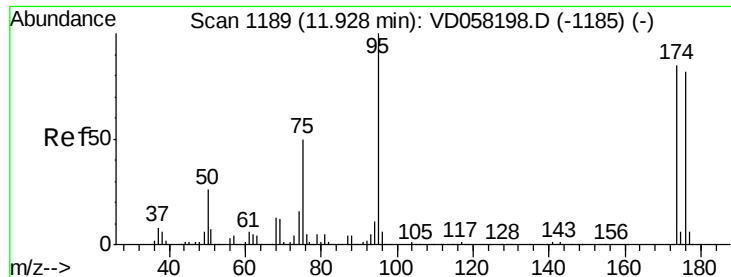
58 45.5 21.7 65.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

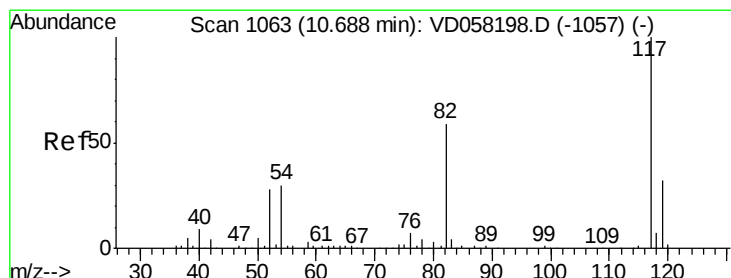
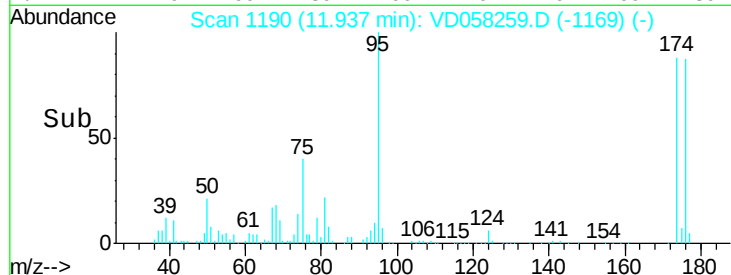
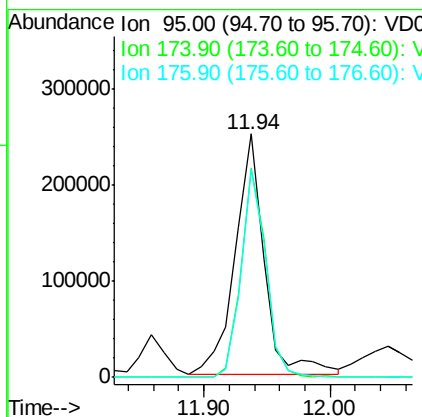
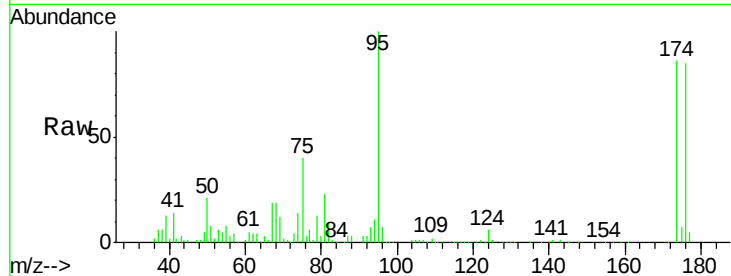




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 11.94 min Scan# 1190
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

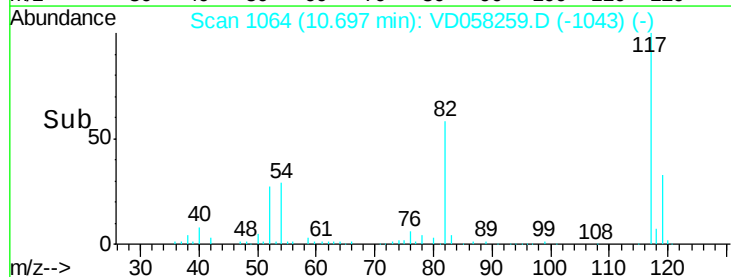
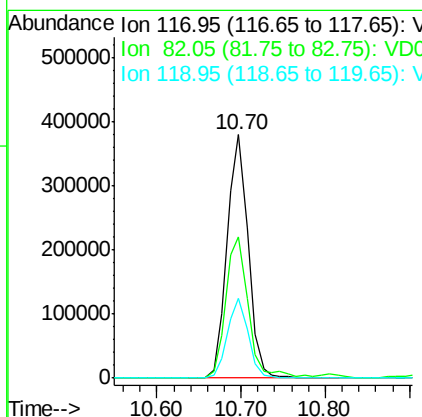
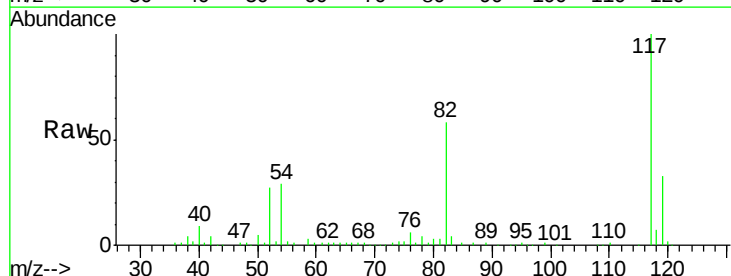
Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

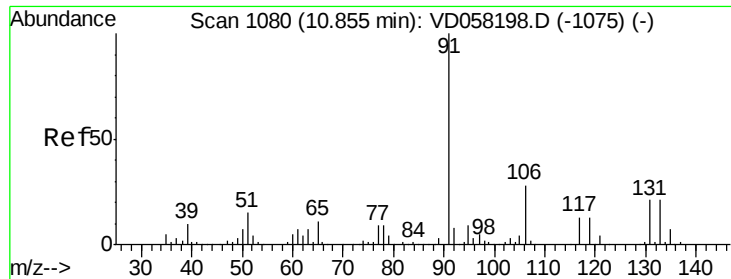
Tot Ion: 95 Resp: 399885
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.2
176 85.4 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.70 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion: 117 Resp: 662386
Ion Ratio Lower Upper
117 100
82 58.0 47.0 70.6
119 33.0 25.3 37.9

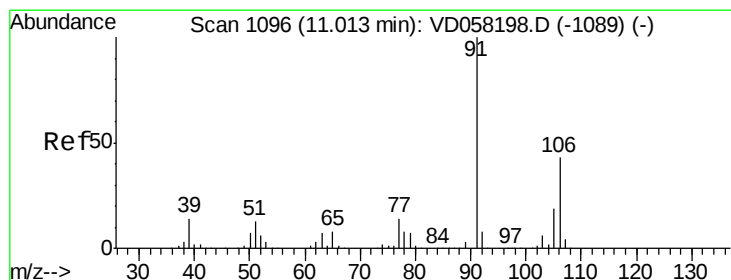
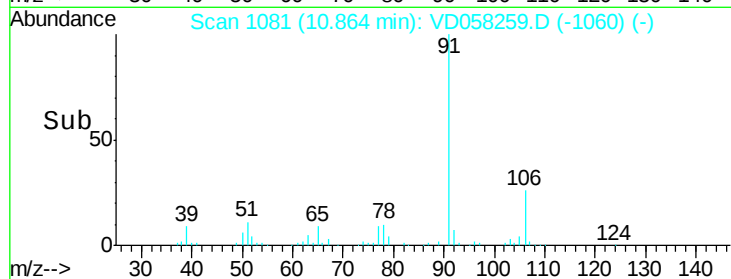
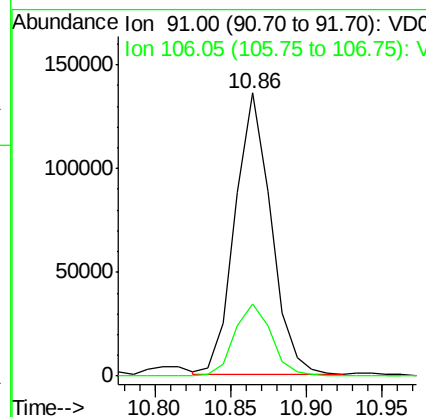
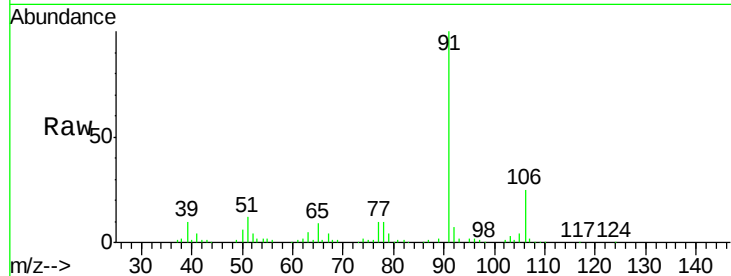




#67
Ethyl Benzene
Concen: 10.237 ug/l
RT: 10.86 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

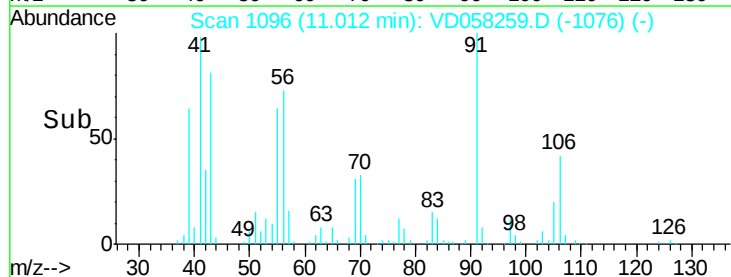
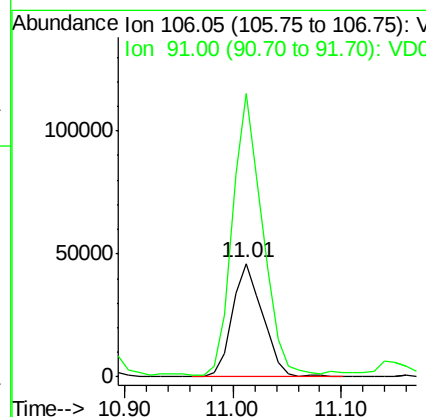
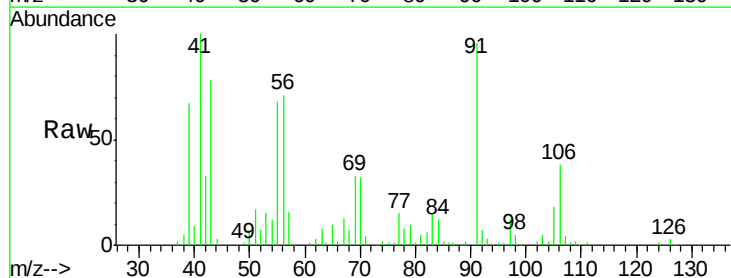
Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

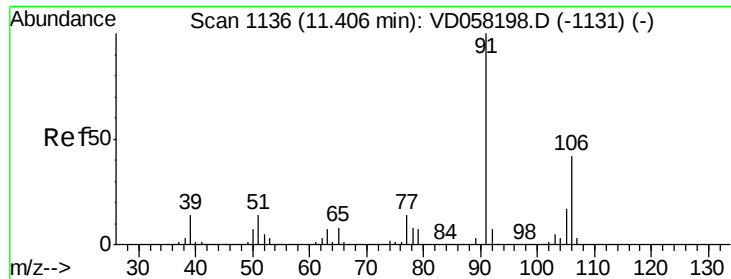
Tot Ion: 91 Resp: 223934
Ion Ratio Lower Upper
91 100
106 25.4 22.0 33.0



#68
m/p-Xylenes
Concen: 12.297 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. -0.00 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion: 106 Resp: 89704
Ion Ratio Lower Upper
106 100
91 250.2 185.0 277.6

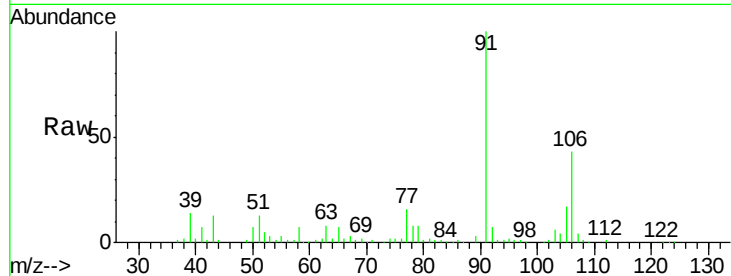




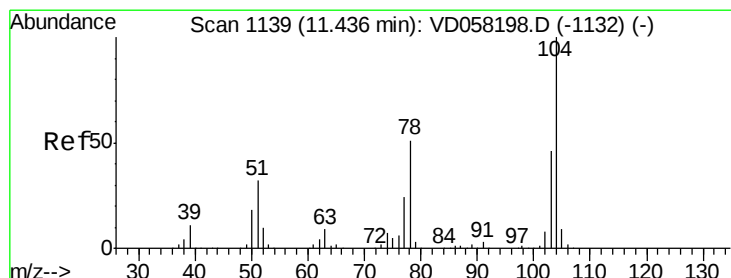
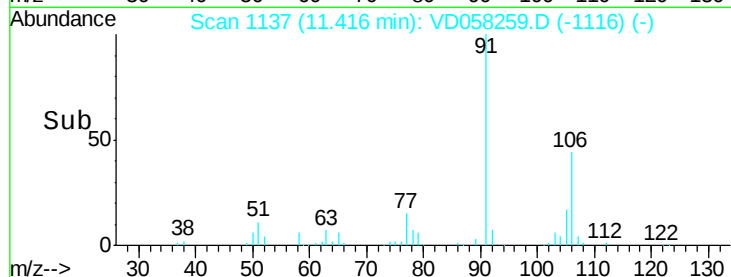
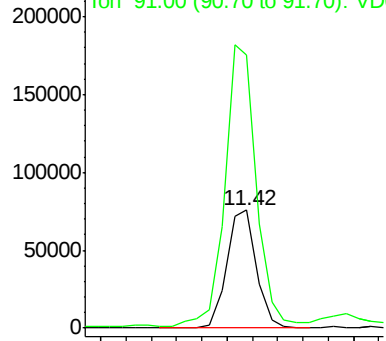
#69
o-Xylene
Concen: 17.799 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. 0.01 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Instrument :
MSVOA_D
ClientSampleID :
F3-58-SRI3

Tot Ion:106 Resp: 124006
Ion Ratio Lower Upper
106 100
91 231.6 120.2 360.6

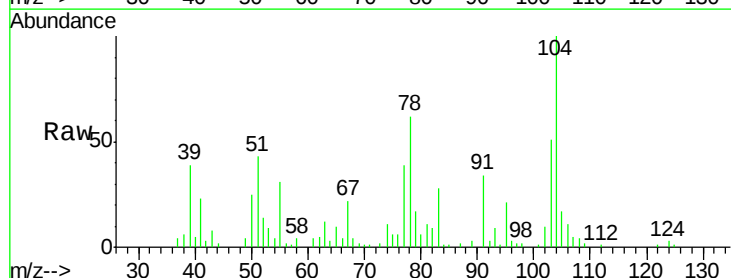


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

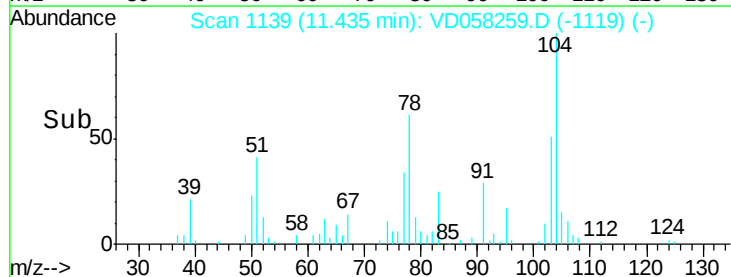
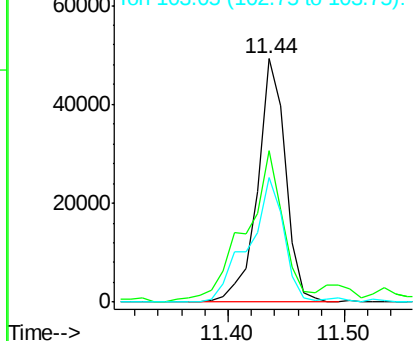


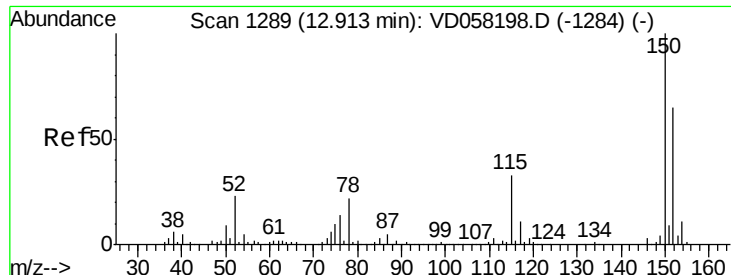
#70
Styrene
Concen: 6.859 ug/l
RT: 11.44 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion:104 Resp: 81544
Ion Ratio Lower Upper
104 100
78 62.4 40.8 61.2#
103 51.0 37.0 55.6



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): 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: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

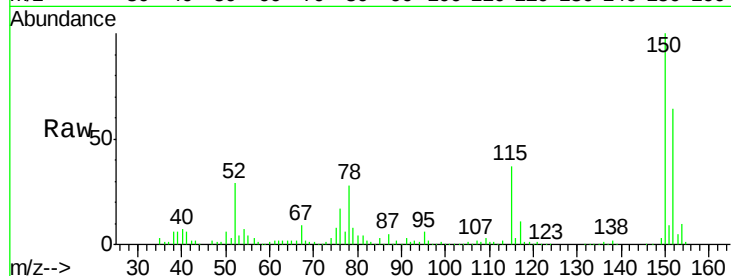
Tot Ion:152 Resp: 341594

Ion Ratio Lower Upper

152 100

115 57.7 25.1 75.3

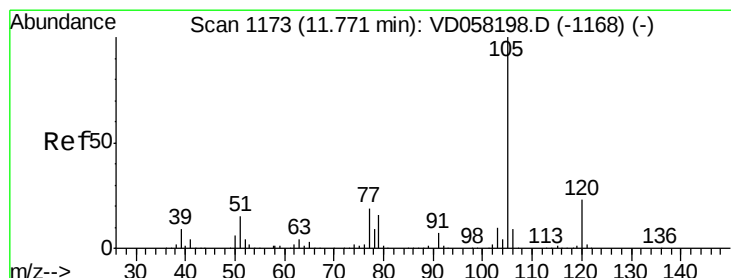
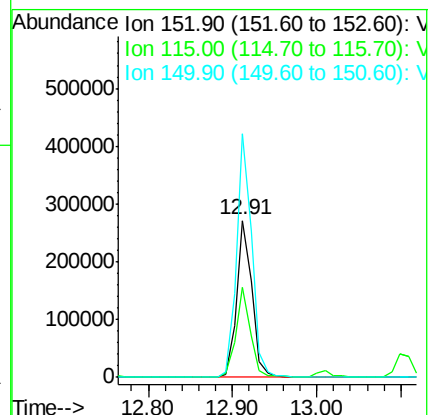
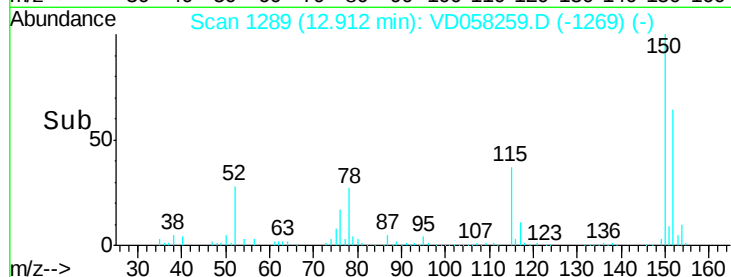
150 155.2 0.0 308.8



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



#73

Isopropylbenzene

Concen: 1.266 ug/l

RT: 11.78 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VD058259.D

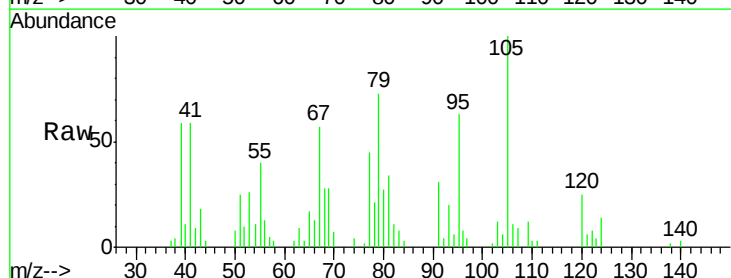
Acq: 21 Jun 2018 18:25

Tgt Ion:105 Resp: 25877

Ion Ratio Lower Upper

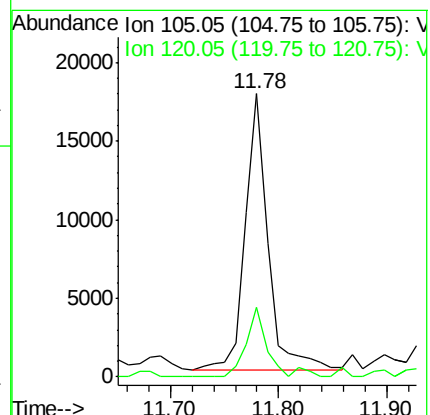
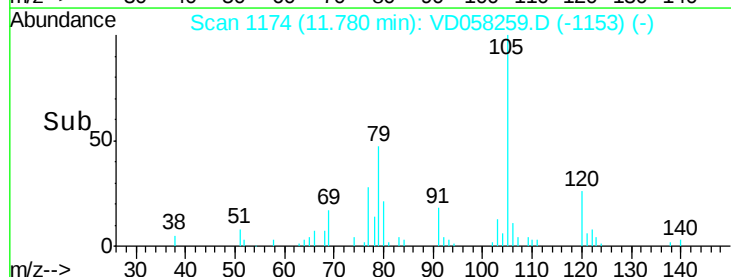
105 100

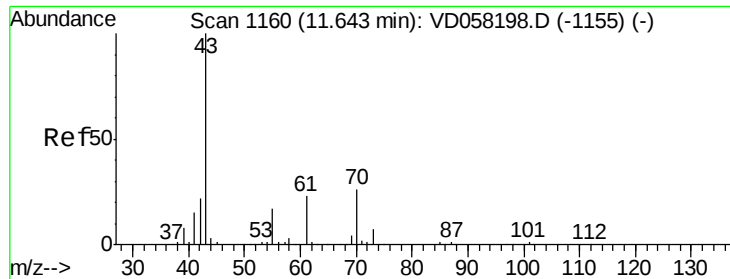
120 24.8 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

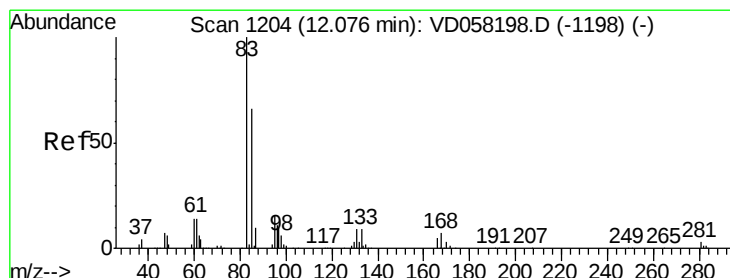
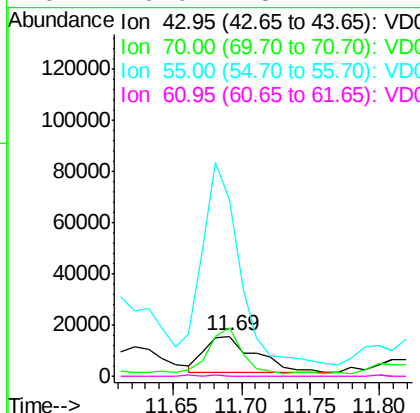
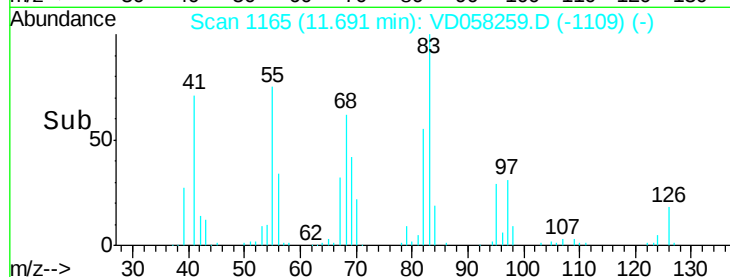
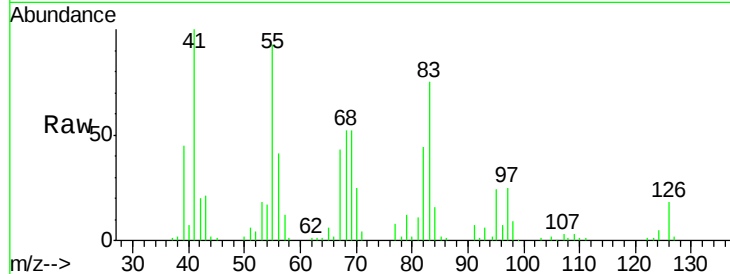




#74
N-amvl acetate
Concen: 4.464 ug/l
RT: 11.69 min Scan# 1165
Delta R.T. 0.05 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

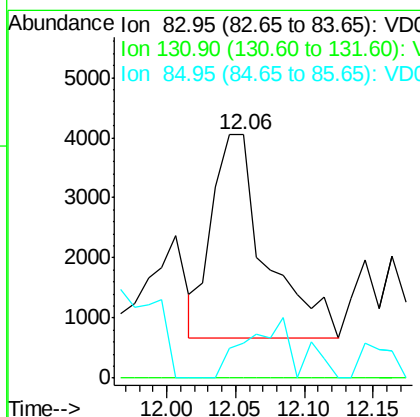
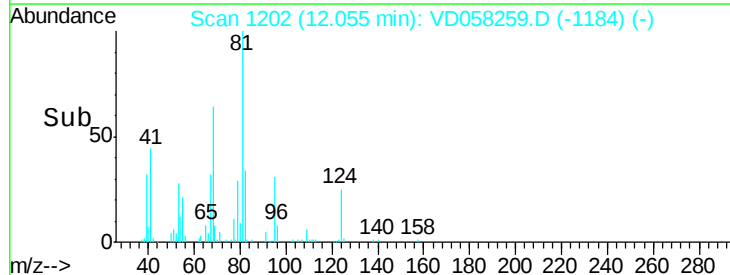
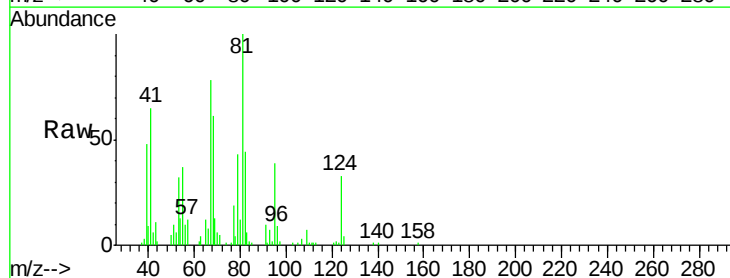
Instrument :
MSVOA_D
ClientSampleId :
F3-58-SRI3

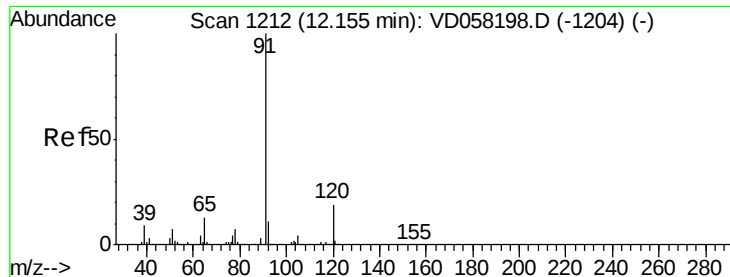
Tot Ion: 43 Resp: 35263
Ion Ratio Lower Upper
43 100
70 122.1 20.9 31.3#
55 444.3 13.5 20.3#
61 0.0 18.2 27.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.947 ug/l
RT: 12.06 min Scan# 1202
Delta R.T. -0.02 min
Lab File: VD058259.D
Acq: 21 Jun 2018 18:25

Tgt Ion: 83 Resp: 9258
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 14.4 33.1 99.5#





#78

n-propylbenzene

Concen: 12.952 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

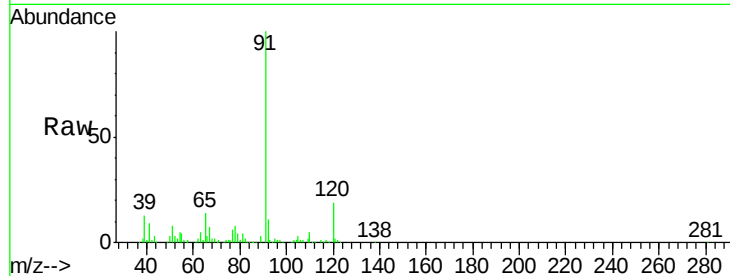
F3-58-SRI3

Tot Ion: 91 Resp: 341758

Ion Ratio Lower Upper

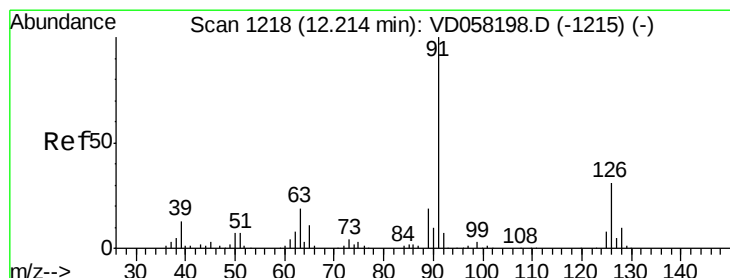
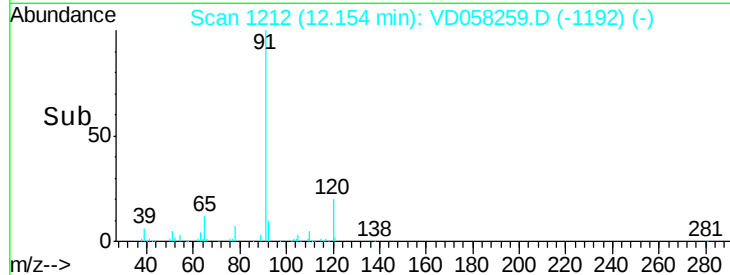
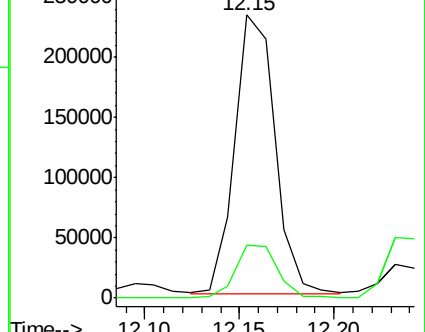
91 100

120 18.8 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



#79

2-Chlorotoluene

Concen: 3.785 ug/l

RT: 12.23 min Scan# 1220

Delta R.T. 0.02 min

Lab File: VD058259.D

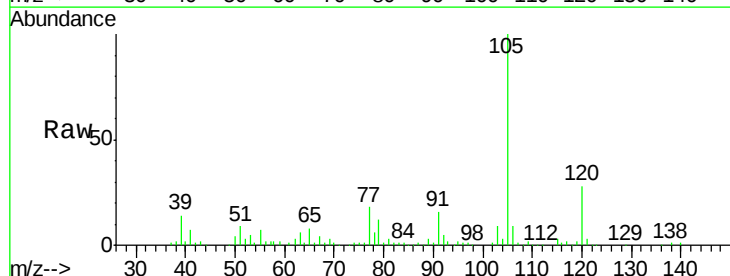
Acq: 21 Jun 2018 18:25

Tgt Ion: 91 Resp: 57146

Ion Ratio Lower Upper

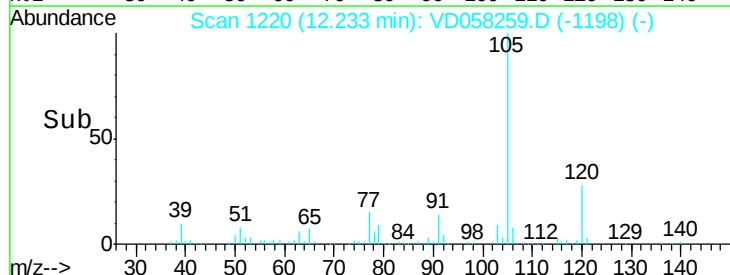
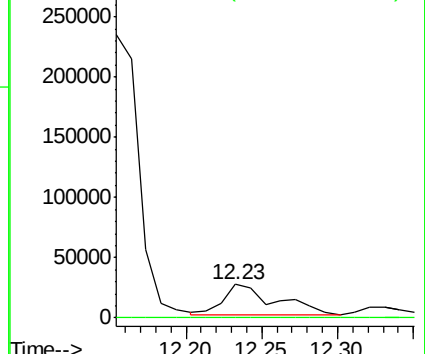
91 100

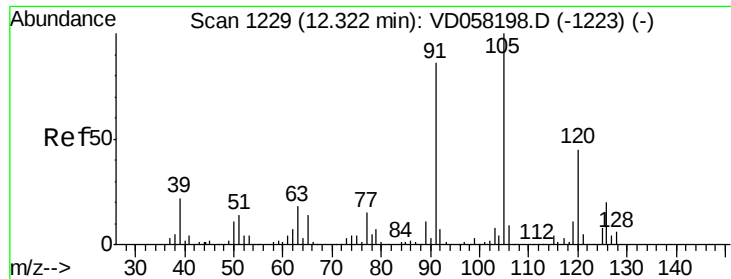
126 0.0 14.9 44.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC





#80

1,3,5-Trimethylbenzene

Concen: 1.980 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleID :

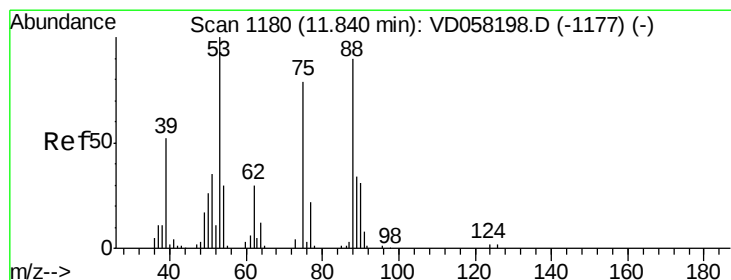
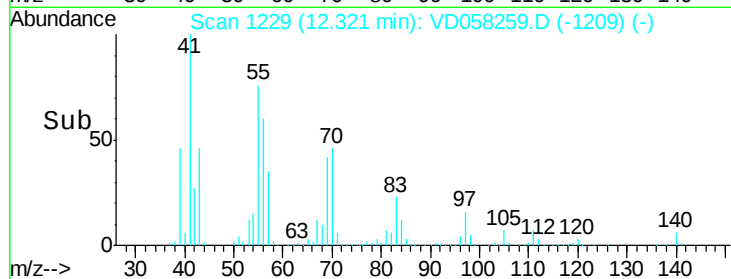
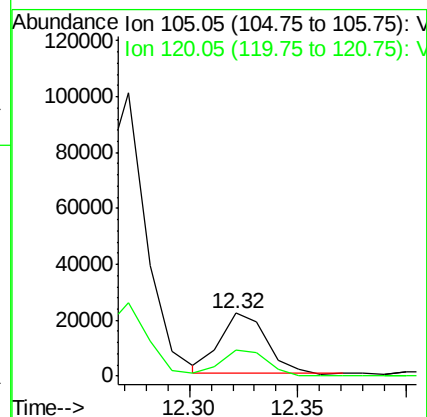
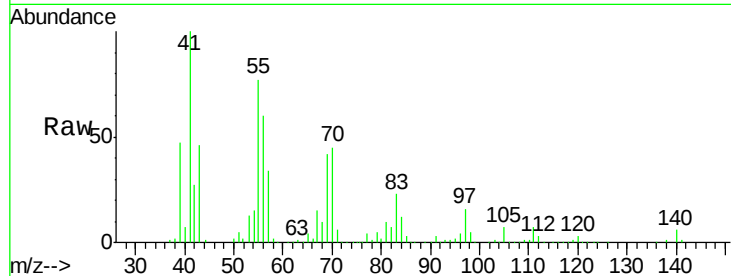
F3-58-SRI3

Tot Ion:105 Resp: 31549

Ion Ratio Lower Upper

105 100

120 41.5 22.5 67.5



#81

trans-1,4-Dichloro-2-butene

Concen: 117.499 ug/l

RT: 11.94 min Scan# 1190

Delta R.T. 0.10 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

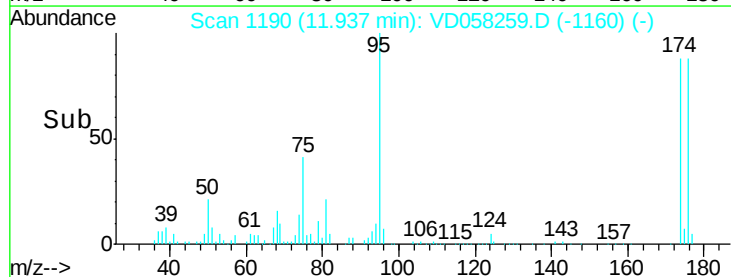
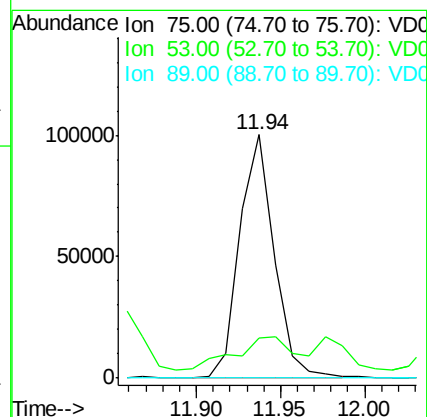
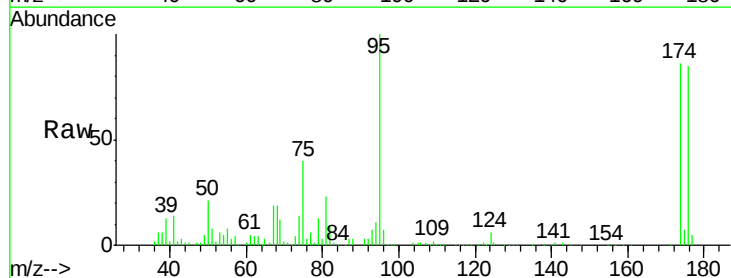
Tgt Ion: 75 Resp: 142924

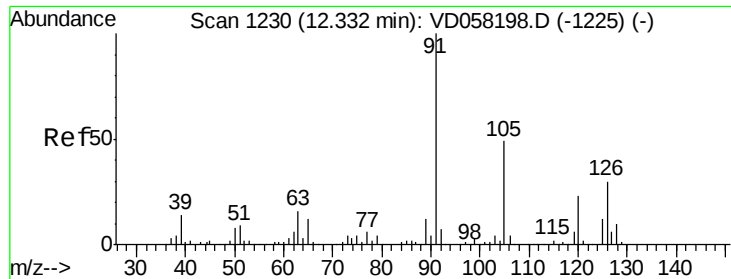
Ion Ratio Lower Upper

75 100

53 16.4 100.8 151.2#

89 0.0 34.6 52.0#

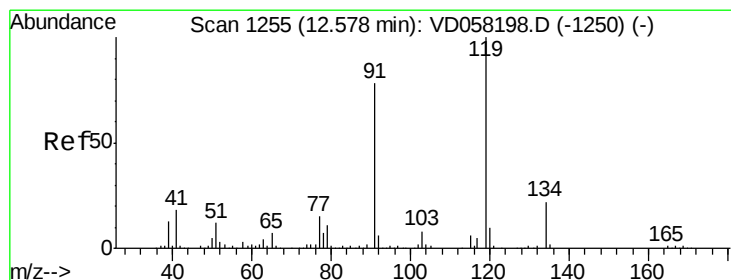
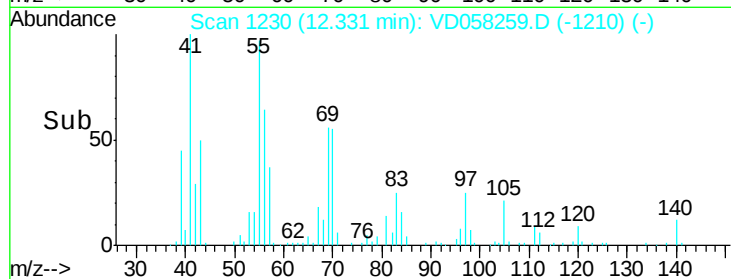
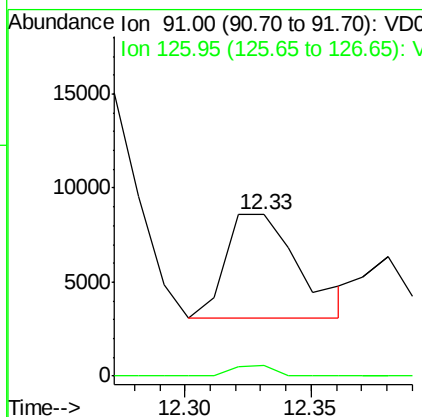
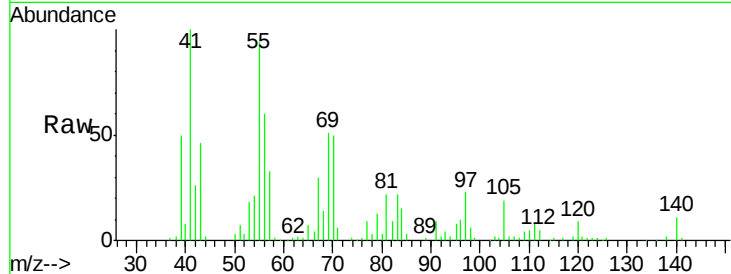




#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.33 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

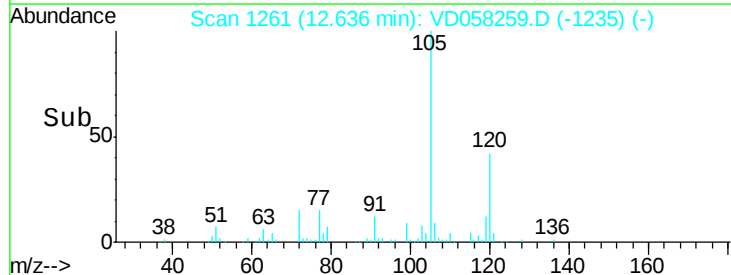
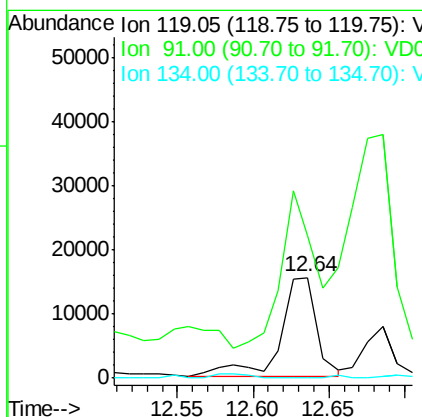
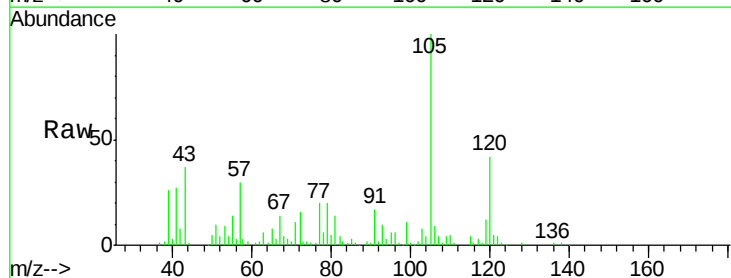
Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

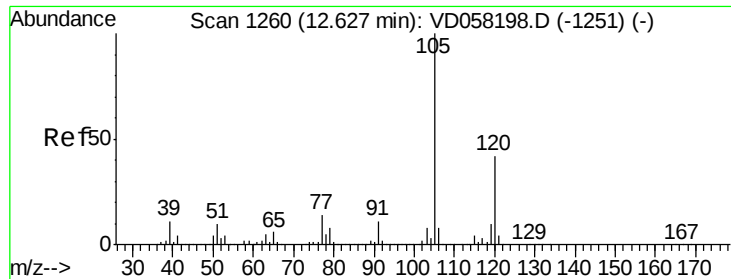
Tot Ion: 91 Resp: 11165
 Ion Ratio Lower Upper
 91 100
 126 6.8 14.9 44.9#



#83
 tert-Butylbenzene
 Concen: 1.431 ug/l
 RT: 12.64 min Scan# 1261
 Delta R.T. 0.06 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Tgt Ion: 119 Resp: 26222
 Ion Ratio Lower Upper
 119 100
 91 142.3 38.9 116.6#
 134 0.0 11.2 33.5#

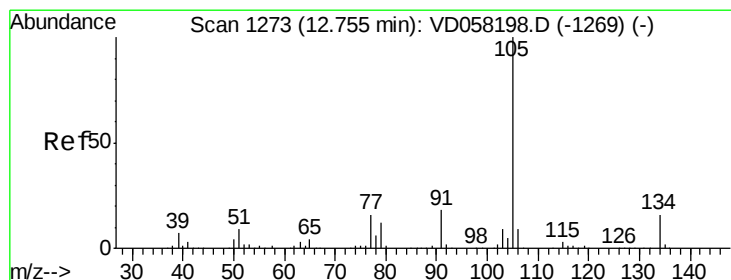
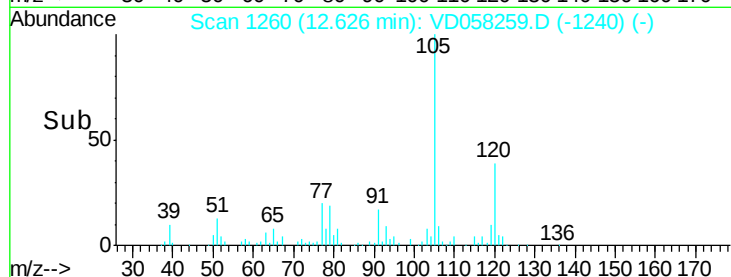
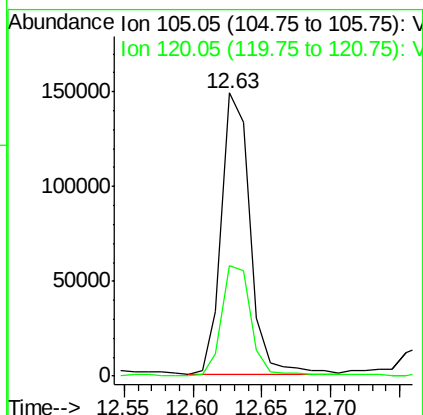
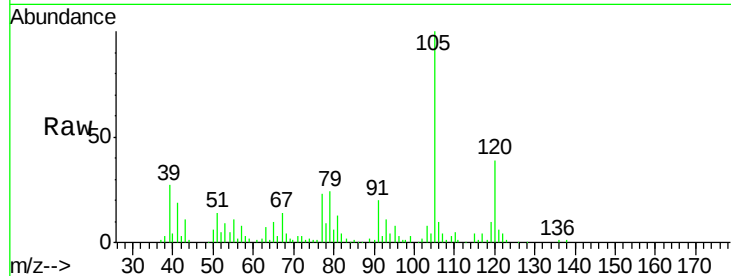




#84
 1,2,4-Trimethylbenzene
 Concen: 12.328 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

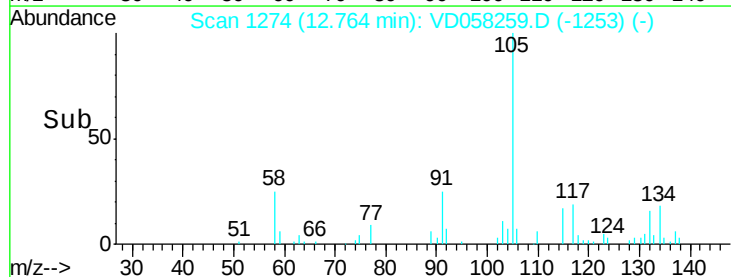
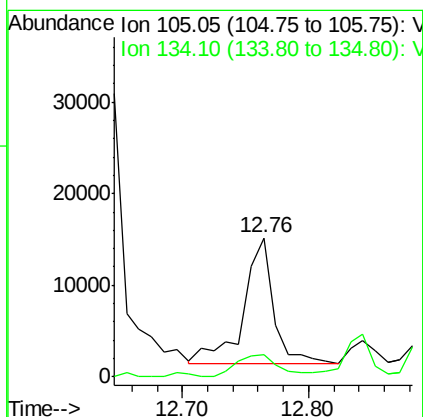
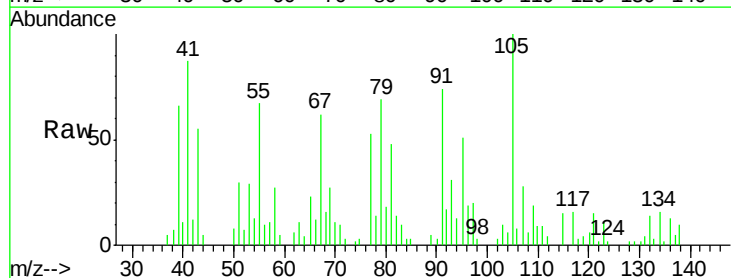
Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

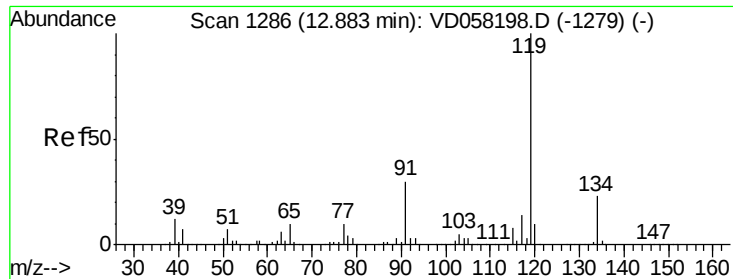
Tot Ion:105 Resp: 213562
 Ion Ratio Lower Upper
 105 100
 120 39.1 20.8 62.4



#85
 sec-Butylbenzene
 Concen: 1.065 ug/l
 RT: 12.76 min Scan# 1274
 Delta R.T. 0.01 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Tgt Ion:105 Resp: 22873
 Ion Ratio Lower Upper
 105 100
 134 15.6 8.1 24.3

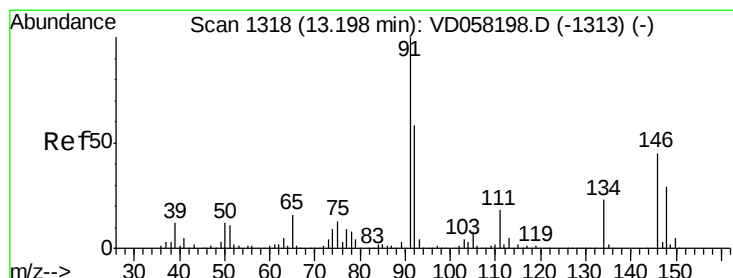
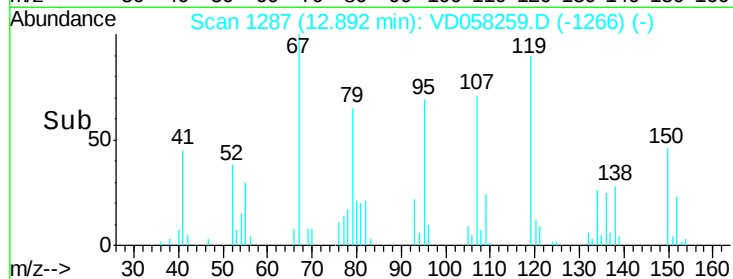
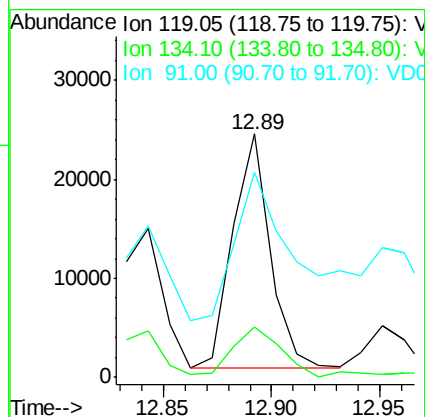
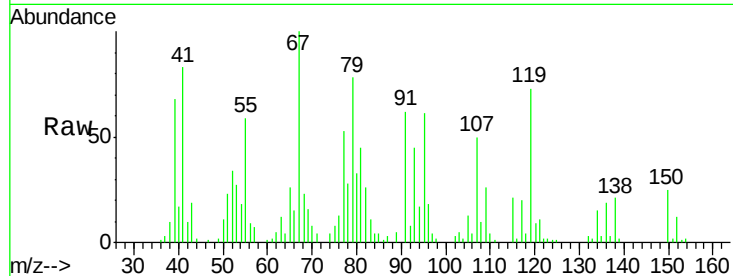




#86
 p-Isopropyltoluene
 Concen: 1.641 ug/l
 RT: 12.89 min Scan# 1287
 Delta R.T. 0.01 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

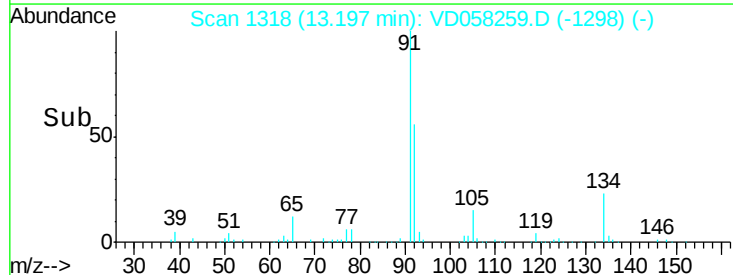
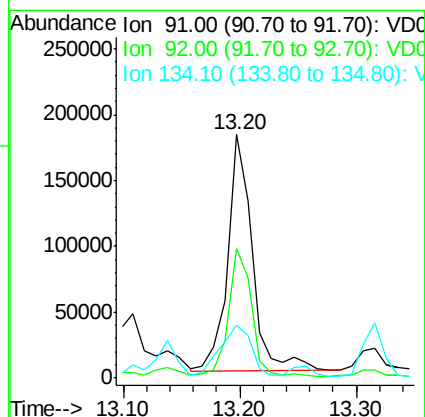
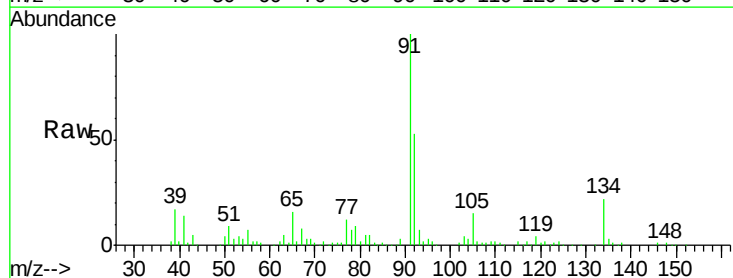
Instrument :
 MSVOA_D
 ClientSampleId :
 F3-58-SRI3

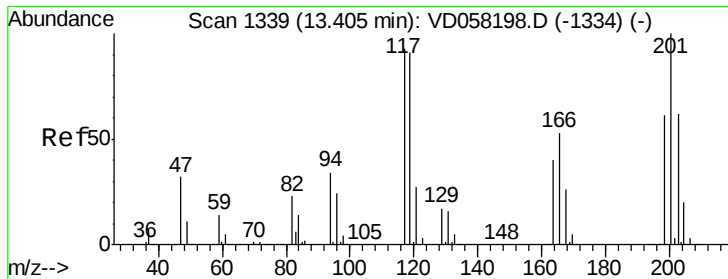
Tot Ion:119 Resp: 28555
 Ion Ratio Lower Upper
 119 100
 134 20.8 11.6 34.8
 91 84.1 15.0 45.1#



#89
 n-Butylbenzene
 Concen: 14.464 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: VD058259.D
 Acq: 21 Jun 2018 18:25

Tgt Ion: 91 Resp: 264568
 Ion Ratio Lower Upper
 91 100
 92 53.4 29.2 87.6
 134 21.6 11.3 33.8





#90

Hexachloroethane

Concen: 11.046 ug/l

RT: 13.39 min Scan# 1338

Delta R.T. -0.01 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

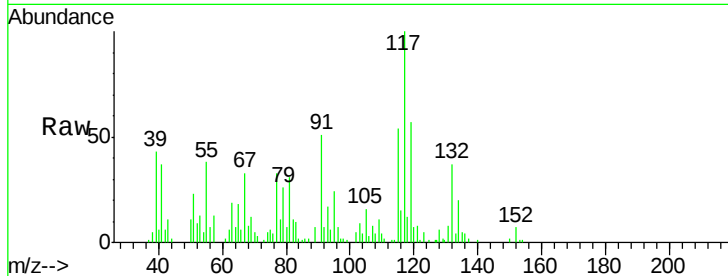
F3-58-SRI3

Tot Ion:117 Resp: 49898

Ion Ratio Lower Upper

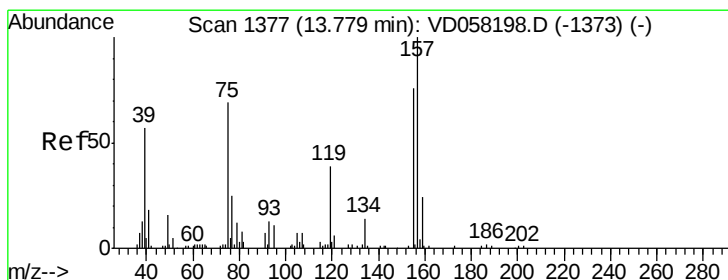
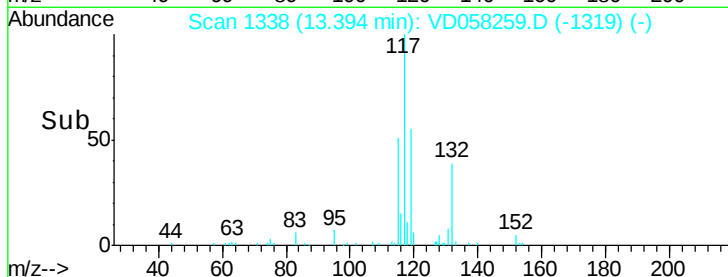
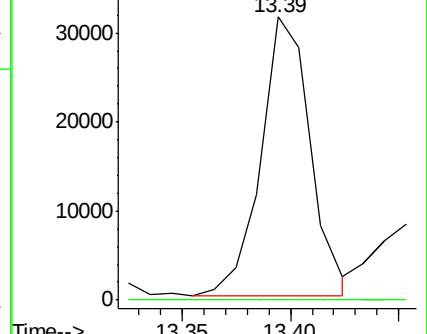
117 100

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: 1.635 ug/l

RT: 13.78 min Scan# 1377

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

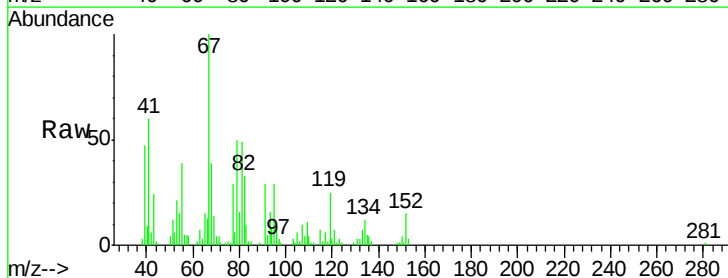
Tgt Ion: 75 Resp: 1237

Ion Ratio Lower Upper

75 100

155 0.0 54.5 163.5#

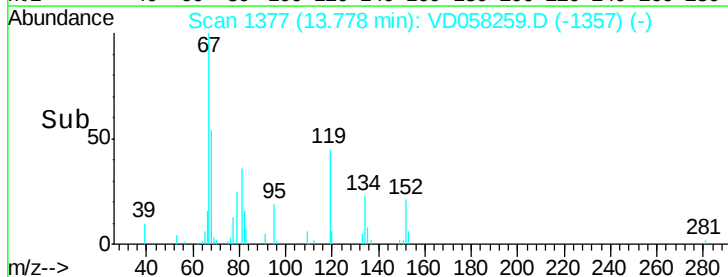
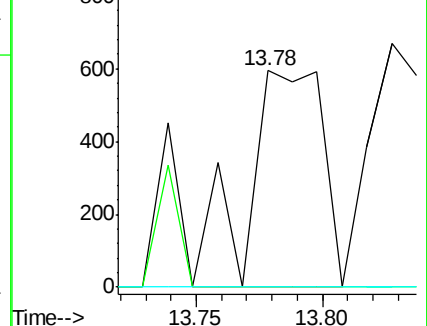
157 0.0 72.0 215.9#

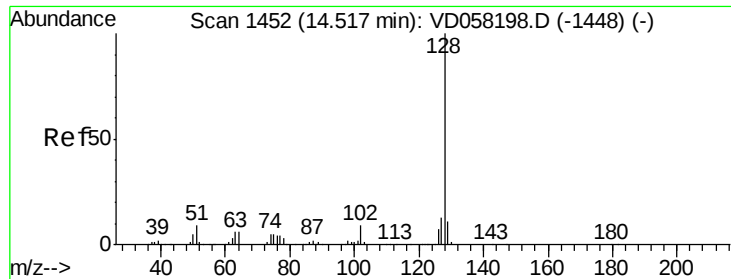


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95

Naphthalene

Concen: 9.427 ug/l

RT: 14.52 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VD058259.D

Acq: 21 Jun 2018 18:25

Instrument :

MSVOA_D

ClientSampleId :

F3-58-SRI3

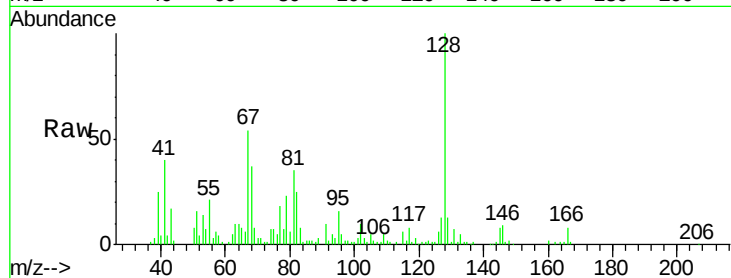
Tot Ion:128 Resp: 107482

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 13.4 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

