

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059890.D
 Acq On : 23 Aug 2018 16:07
 Operator : JC/SY
 Sample : J4559-07RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051RE

Quant Time: Aug 24 05:26:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	726102	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.43	114	1102155	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	581552	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	158330	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	451038	73.70	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	147.40%	
35) Dibromofluoromethane	6.31	113	508797	58.88	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	117.76%	
50) Toluene-d8	9.45	98	918593	38.30	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	76.60%	
62) 4-Bromofluorobenzene	12.42	95	243067	24.96	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	49.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.96	59	1382	2.96	ug/l #	75
13) Acrolein	2.99	56	943	4.66	ug/l #	1
16) Acetone	3.14	43	32108	28.80	ug/l	98
17) Carbon Disulfide	3.30	76	12181	1.54	ug/l #	94
18) Methyl Acetate	3.54	43	5392	2.32	ug/l #	66
20) Methylene Chloride	3.70	84	58633	4.49	ug/l	96
25) 2-Butanone	5.61	43	23099	6.99	ug/l	98
29) Tetrahydrofuran	5.95	42	3204	2.04	ug/l #	53
31) Cyclohexane	6.40	56	22107	1.90	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	53706	5.38	ug/l #	47
37) Ethyl Acetate	5.61	43	24816	3.19	ug/l #	71
38) Carbon Tetrachloride	6.40	117	59095	5.86	ug/l #	16
39) Methylcyclohexane	8.03	83	18452	1.71	ug/l #	83
41) Methacrylonitrile	5.97	41	4856	1.24	ug/l #	68
43) Isopropyl Acetate	8.39	43	21353	2.11	ug/l #	49
51) 4-Methyl-2-Pentanone	9.33	43	21089	2.80	ug/l	99
55) 1,1,2-Trichloroethane	10.10	97	12843	2.11	ug/l #	19
59) 2-Hexanone	10.43	43	82665	14.86	ug/l #	34
67) Ethyl Benzene	11.43	91	178389	9.18	ug/l	97
68) m/p-Xylenes	11.56	106	447515	63.22	ug/l	92
69) o-Xylene	11.93	106	43672	6.31	ug/l	88
73) Isopropylbenzene	12.27	105	65695	6.50	ug/l	98
74) N-amyl acetate	12.09	43	186655	42.18	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.58	83	66975	28.65	ug/l #	51
78) n-propylbenzene	12.64	91	22463	1.76	ug/l	97
80) 1,3,5-Trimethylbenzene	12.79	105	37745	4.70	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.42	75	103126	134.72	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.09	105	90445	10.80	ug/l	100
85) sec-Butylbenzene	13.22	105	63576	5.91	ug/l	96
86) p-Isopropyltoluene	13.34	119	32152	3.67	ug/l	92
89) n-Butylbenzene	13.64	91	47895	4.07	ug/l	91
90) Hexachloroethane	13.85	117	6082	2.59	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.27	75	897	2.50	ug/l #	1
95) Naphthalene	14.96	128	22173	3.98	ug/l #	82

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059890.D
Acq On : 23 Aug 2018 16:07
Operator : JC/SY
Sample : J4559-07RE
Misc : 5.10g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

Quant Time: Aug 24 05:26:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration

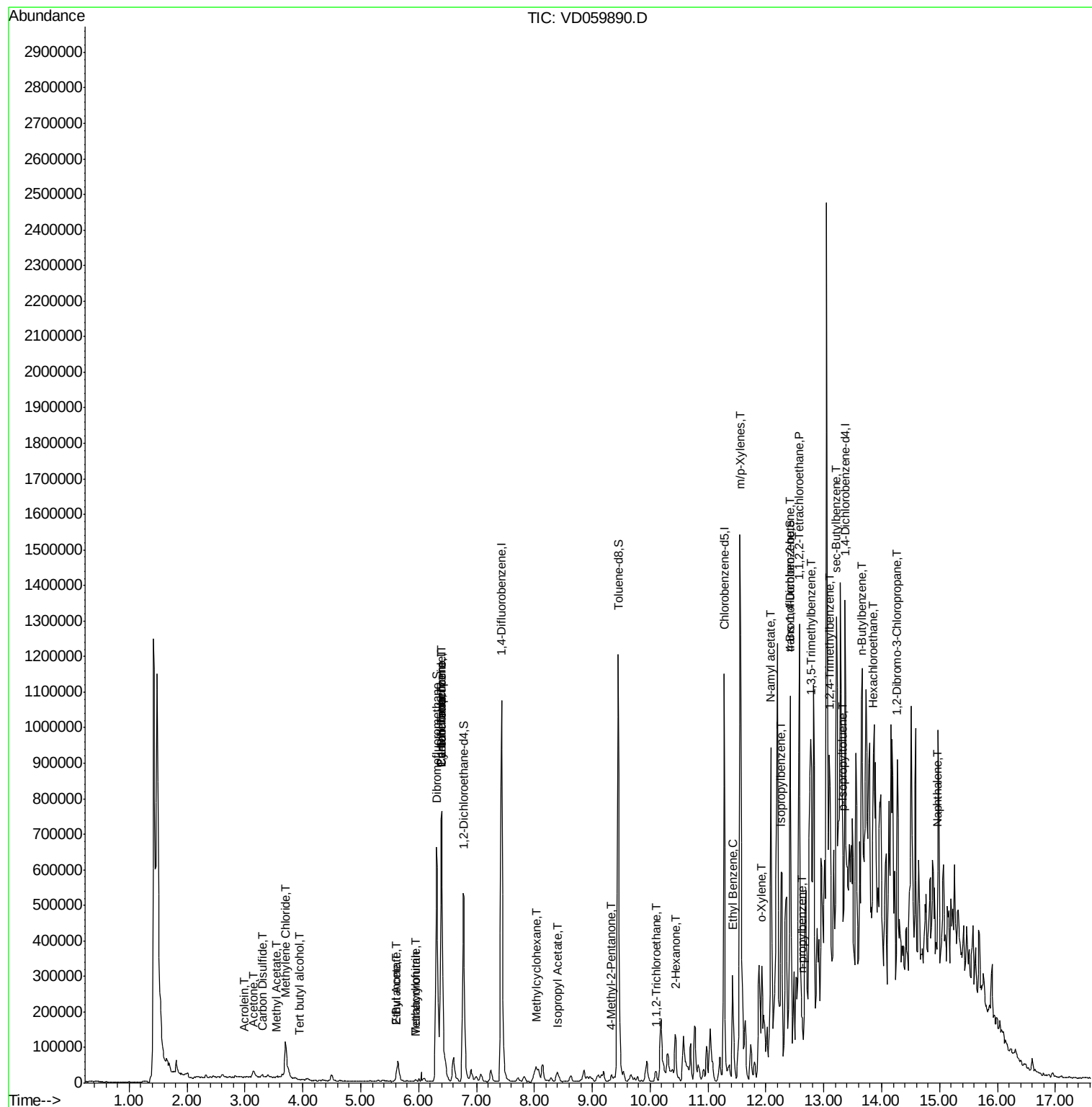
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

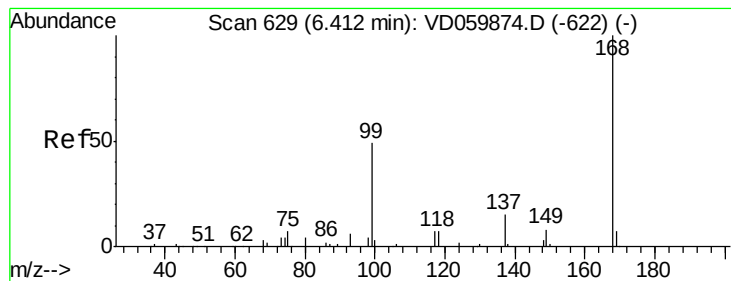
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082318\
Data File : VD059890.D
Acq On : 23 Aug 2018 16:07
Operator : JC/SY
Sample : J4559-07RE
Misc : 5.10a/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

Quant Time: Aug 24 05:26:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 627

Delta R.T. -0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

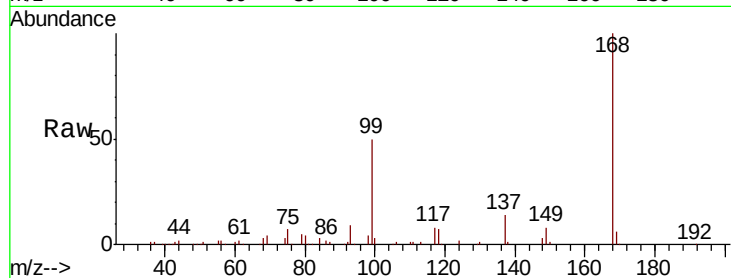
RA-081718-SSW-125-051RE

Tot Ion:168 Resp: 726102

Ion Ratio Lower Upper

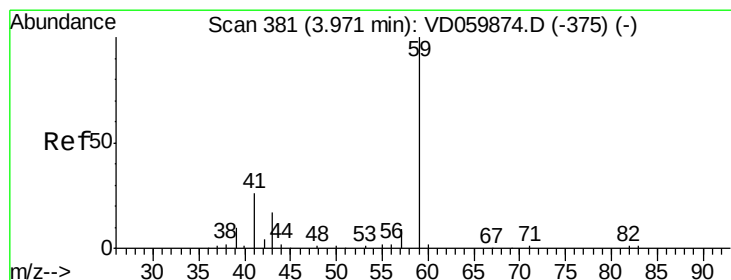
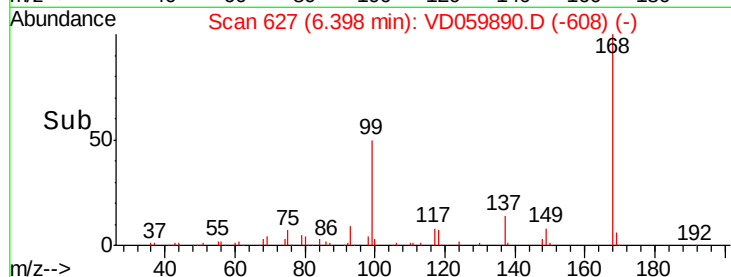
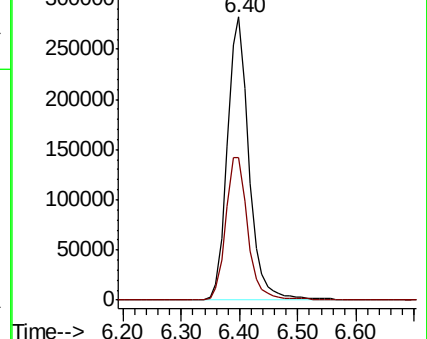
168 100

99 50.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 2.96 ug/l

RT: 3.96 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD059890.D

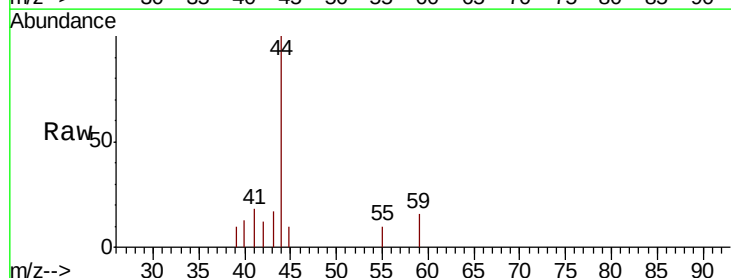
Acq: 23 Aug 2018 16:07

Tgt Ion: 59 Resp: 1382

Ion Ratio Lower Upper

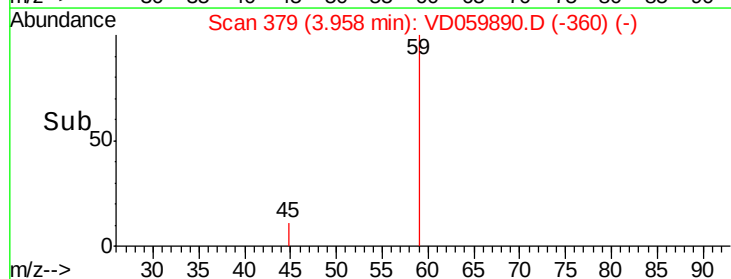
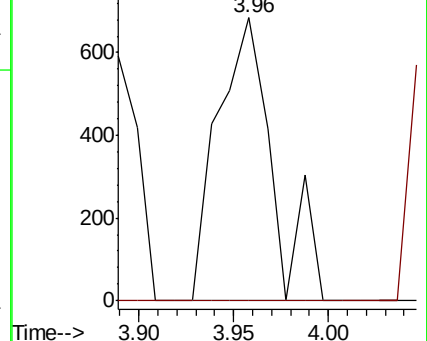
59 100

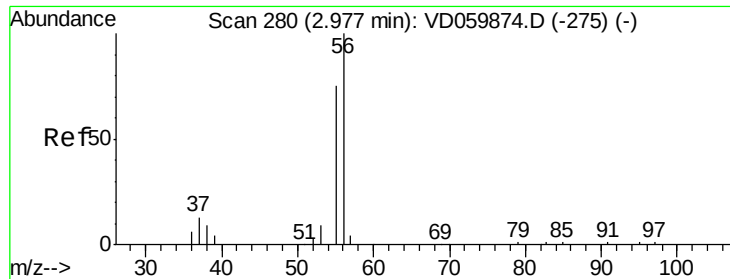
57 0.0 7.4 11.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#13

Acrolein

Concen: 4.66 ug/l

RT: 2.99 min Scan# 281

Delta R.T. 0.02 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

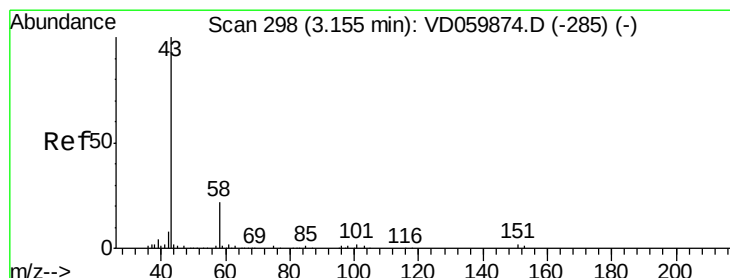
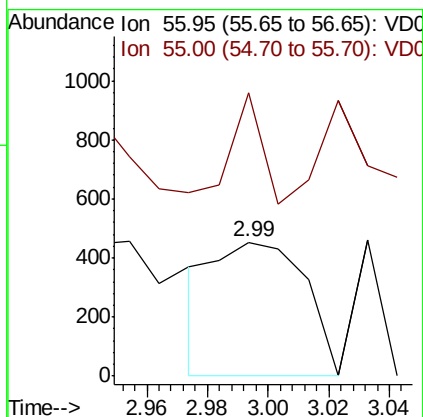
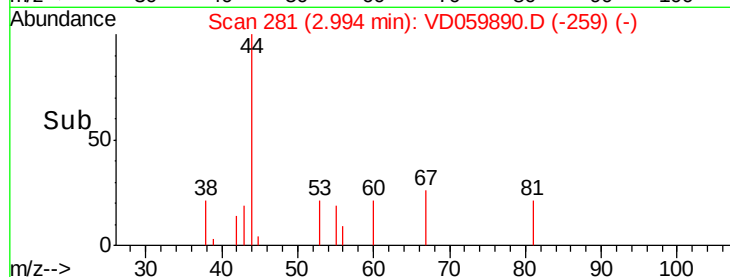
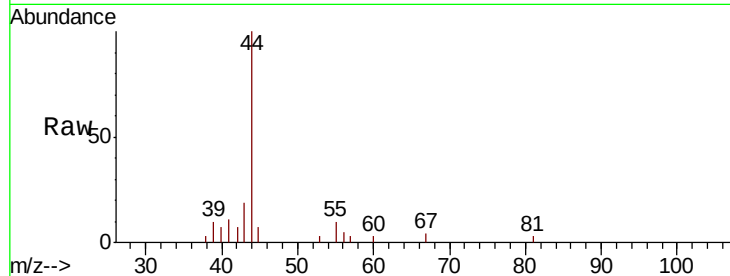
RA-081718-SSW-125-051RE

Tot Ion: 56 Resp: 943

Ion Ratio Lower Upper

56 100

55 211.5 61.9 92.9#



#16

Acetone

Concen: 28.80 ug/l

RT: 3.14 min Scan# 296

Delta R.T. -0.01 min

Lab File: VD059890.D

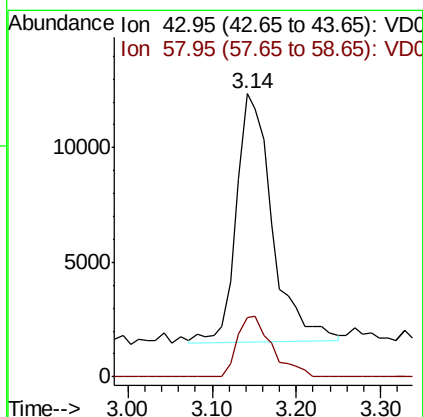
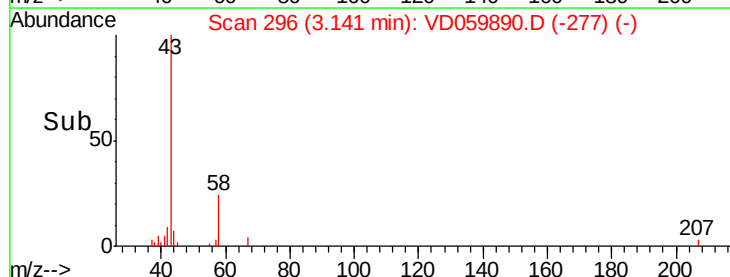
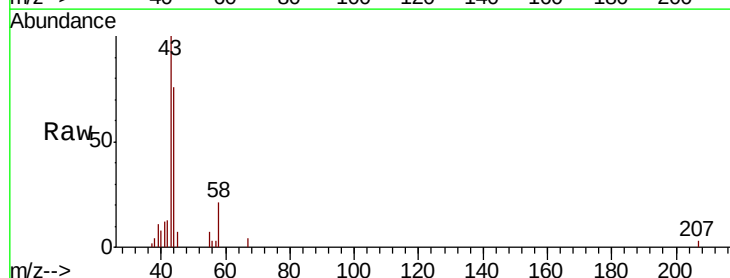
Acq: 23 Aug 2018 16:07

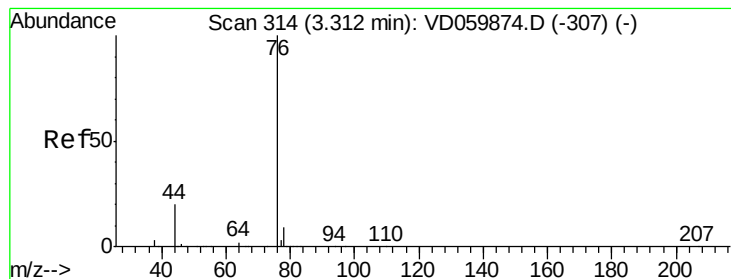
Tgt Ion: 43 Resp: 32108

Ion Ratio Lower Upper

43 100

58 21.1 17.6 26.4





#17

Carbon Disulfide

Concen: 1.54 ug/l

RT: 3.30 min Scan# 312

Delta R.T. -0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

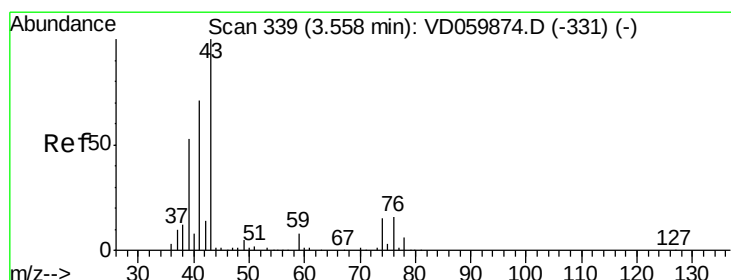
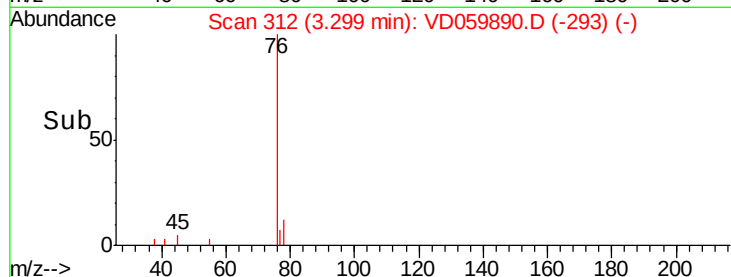
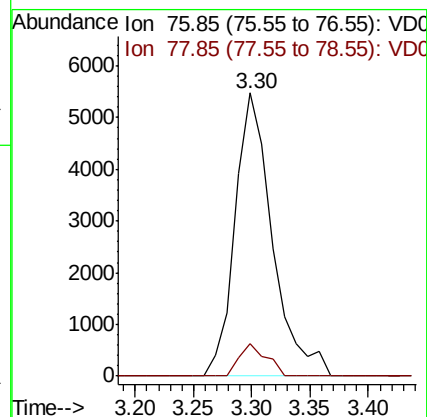
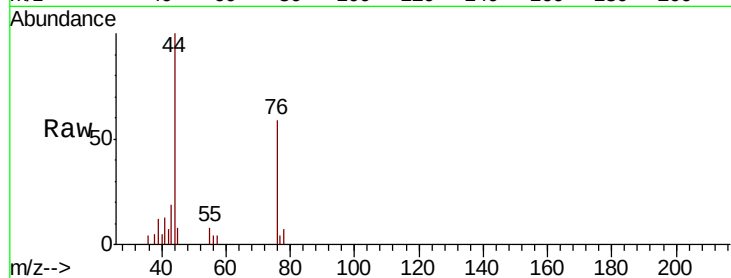
RA-081718-SSW-125-051RE

Tot Ion: 76 Resp: 12181

Ion Ratio Lower Upper

76 100

78 11.6 7.4 11.2#



#18

Methyl Acetate

Concen: 2.32 ug/l

RT: 3.54 min Scan# 337

Delta R.T. -0.01 min

Lab File: VD059890.D

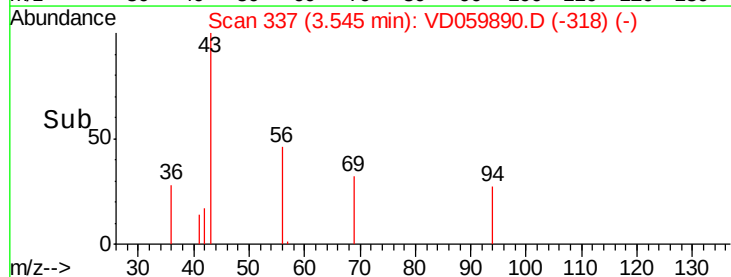
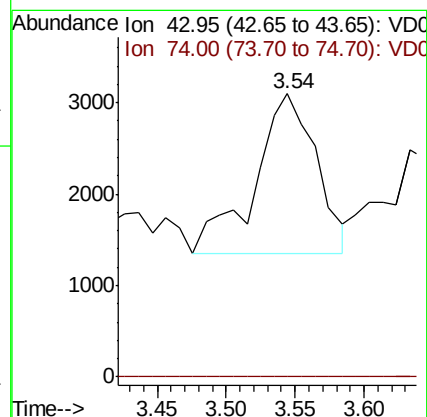
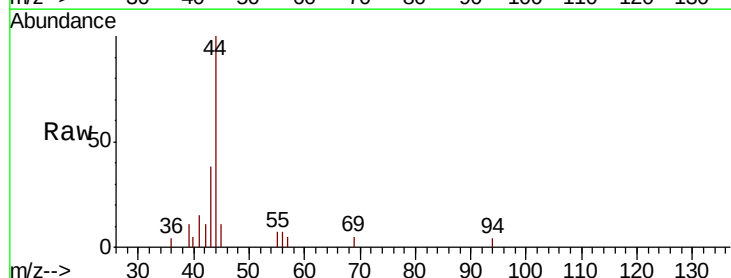
Acq: 23 Aug 2018 16:07

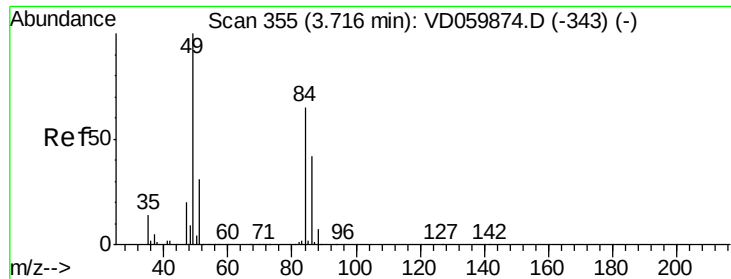
Tgt Ion: 43 Resp: 5392

Ion Ratio Lower Upper

43 100

74 0.0 11.2 16.8#

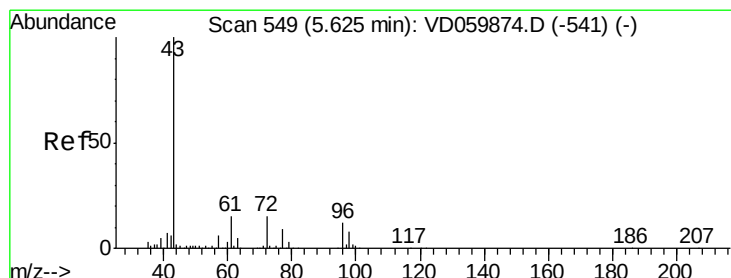
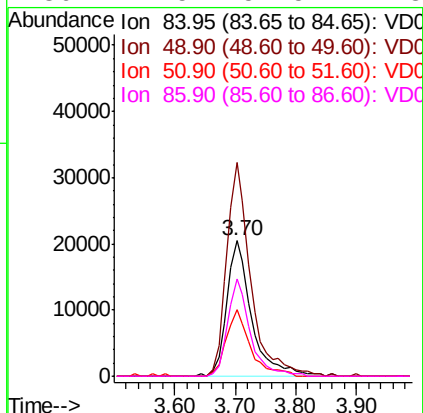
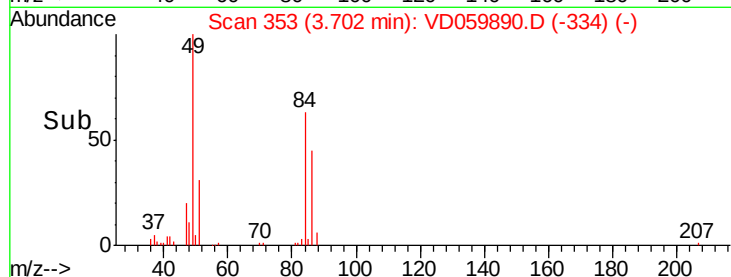
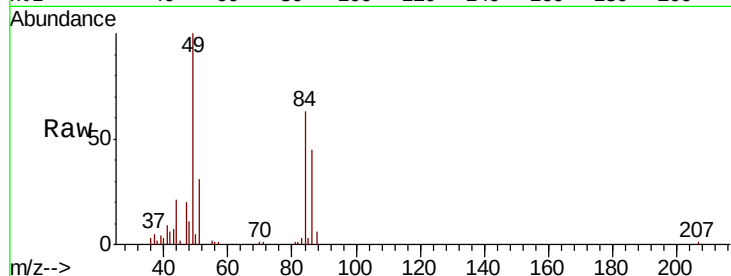




#20
Methylene Chloride
Concen: 4.49 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

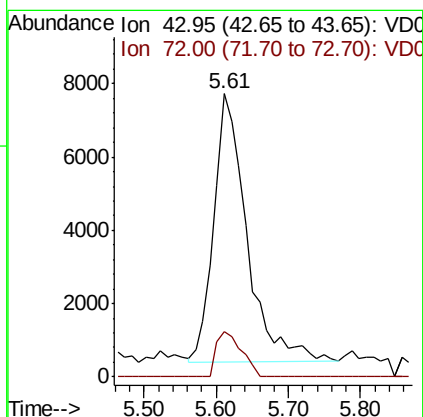
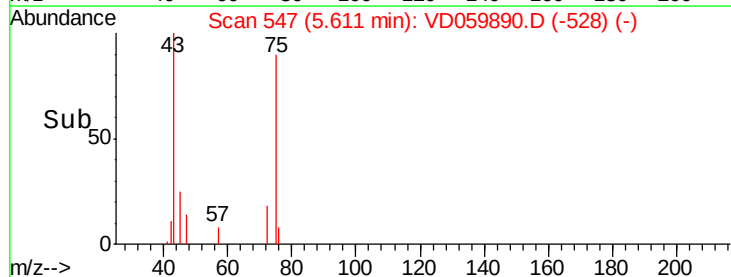
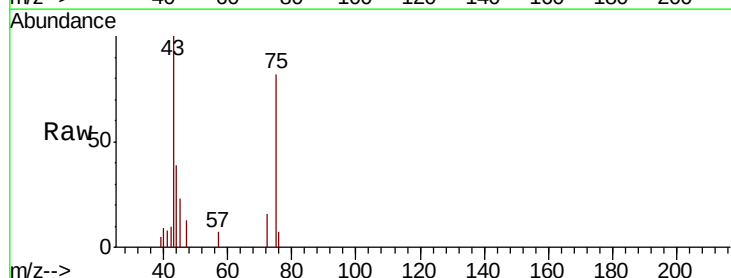
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

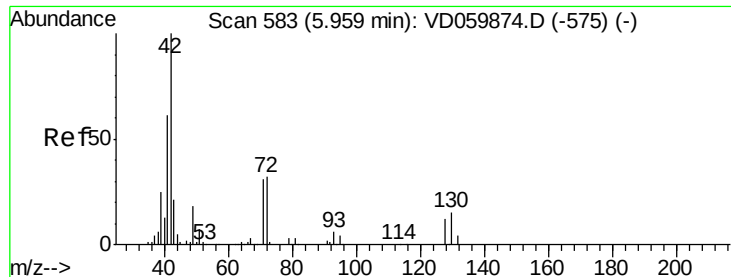
Tot Ion: 84 Resp: 58633
Ion Ratio Lower Upper
84 100
49 157.6 122.6 183.8
51 48.9 38.4 57.6
86 71.5 51.5 77.3



#25
2-Butanone
Concen: 6.99 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 43 Resp: 23099
Ion Ratio Lower Upper
43 100
72 16.1 12.3 18.5

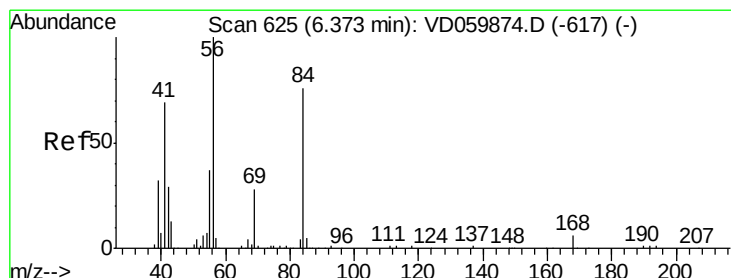
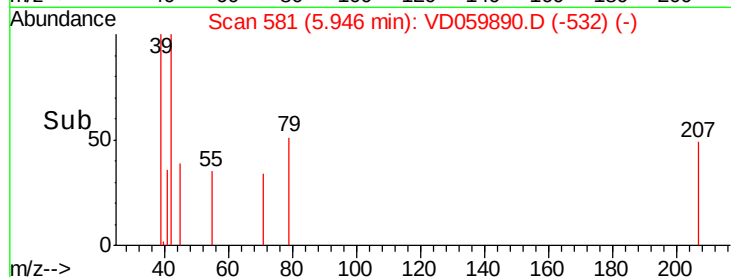
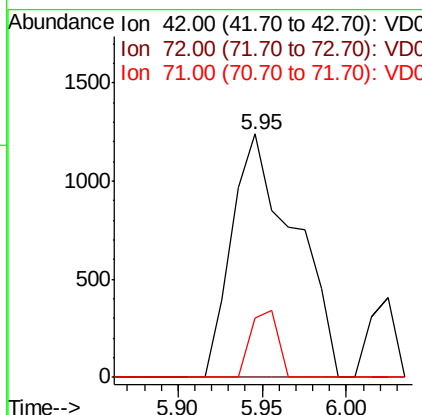
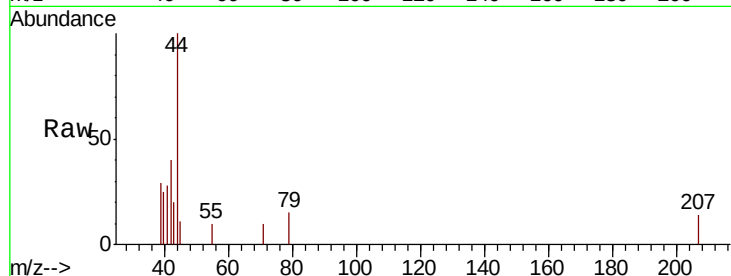




#29
Tetrahydrofuran
Concen: 2.04 ug/l
RT: 5.95 min Scan# 581
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

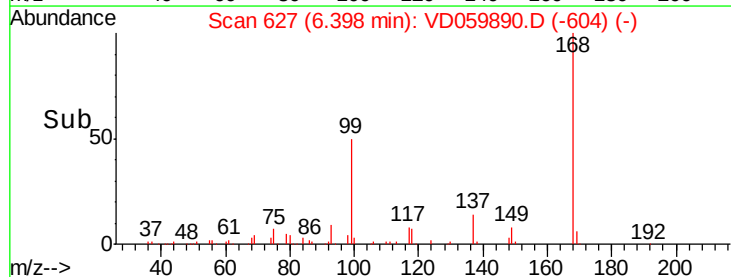
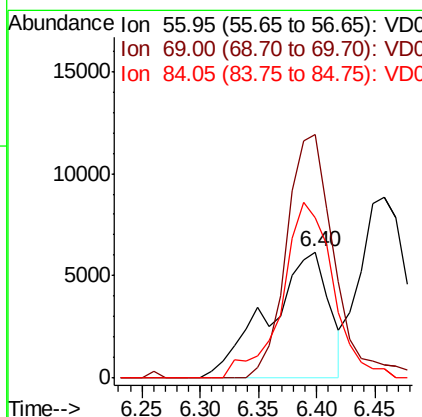
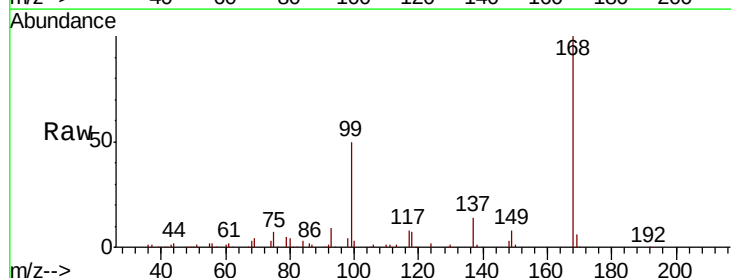
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

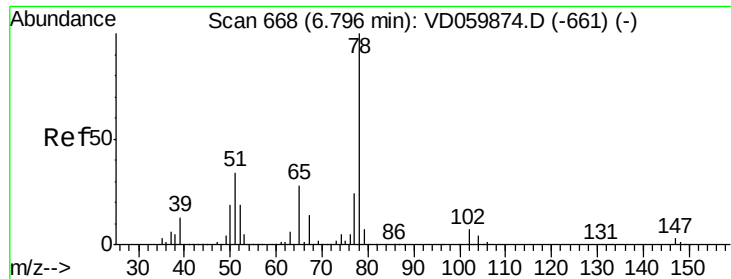
Tot Ion: 42 Resp: 3204
Ion Ratio Lower Upper
42 100
72 0.0 25.7 38.5#
71 11.9 25.3 37.9#



#31
Cyclohexane
Concen: 1.90 ug/l
RT: 6.40 min Scan# 627
Delta R.T. 0.03 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 56 Resp: 22107
Ion Ratio Lower Upper
56 100
69 193.1 22.4 33.6#
84 127.2 62.1 93.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.02 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

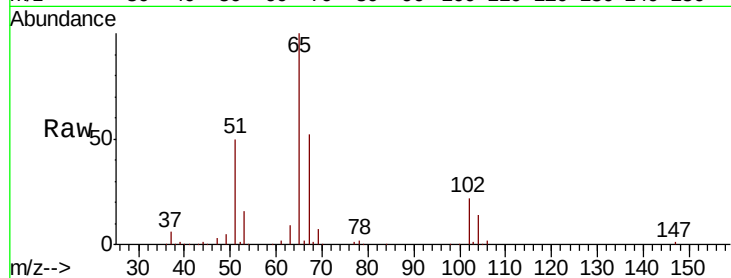
RA-081718-SSW-125-051RE

Tot Ion: 65 Resp: 451038

Ion Ratio Lower Upper

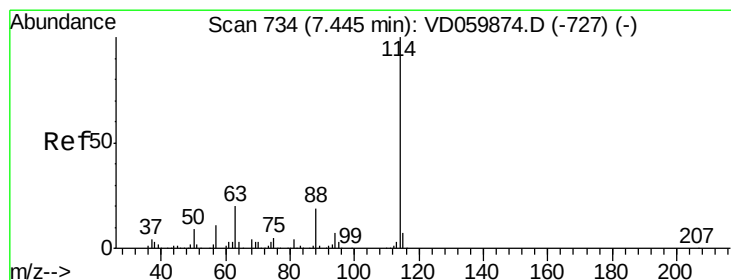
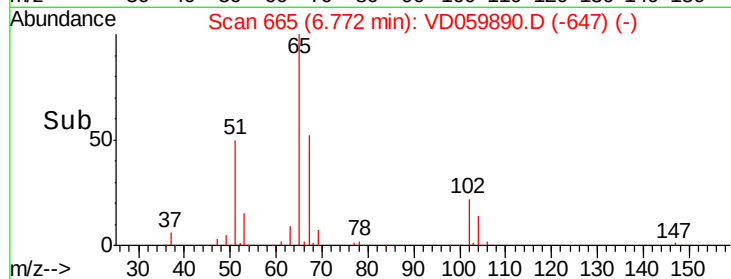
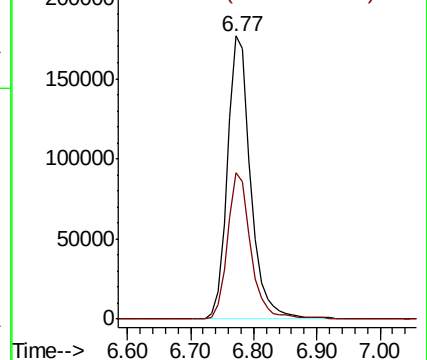
65 100

67 51.7 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 732

Delta R.T. -0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

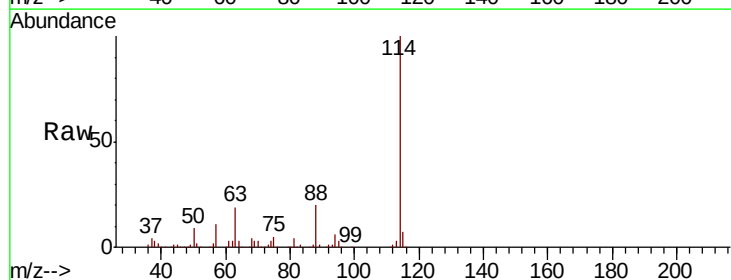
Tgt Ion: 114 Resp: 1102155

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.4

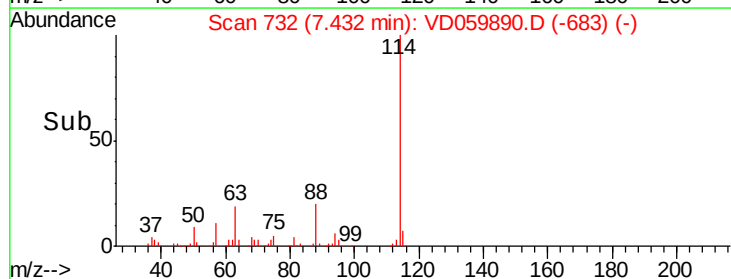
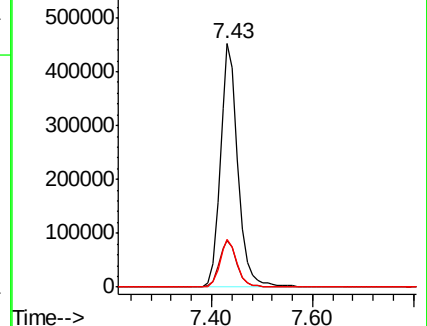
88 19.6 0.0 37.6

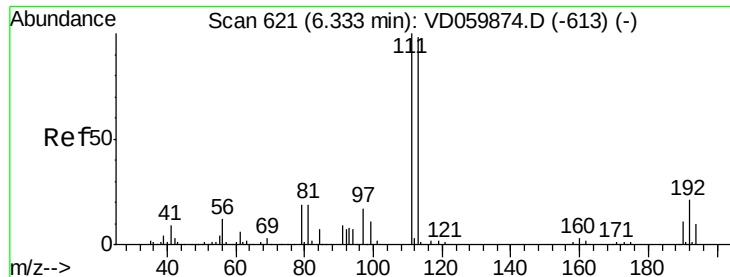


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.31 min Scan# 618

Delta R.T. -0.02 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

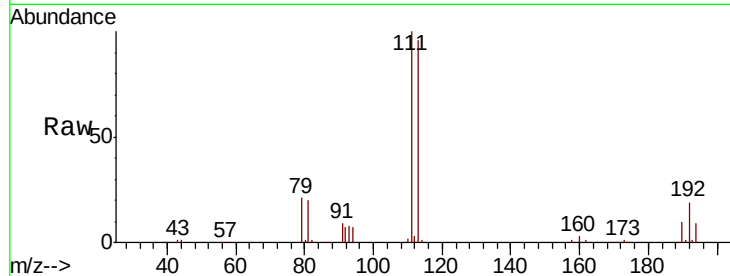
Tot Ion:113 Resp: 508797

Ion Ratio Lower Upper

113 100

111 104.2 81.4 122.2

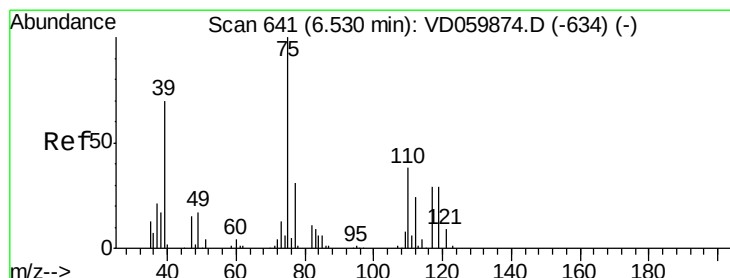
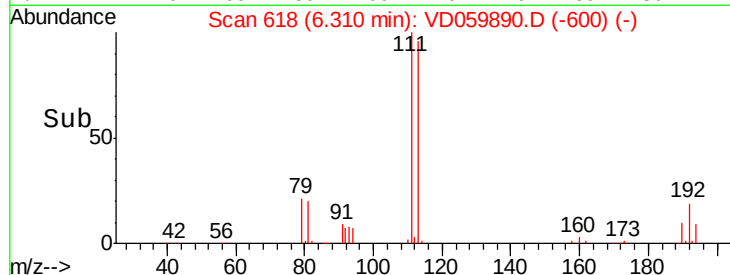
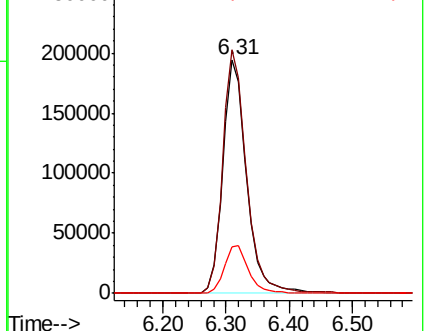
192 19.6 17.0 25.6



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: 5.38 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.14 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

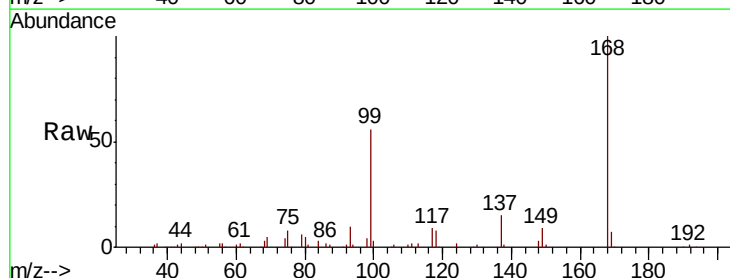
Tgt Ion: 75 Resp: 53706

Ion Ratio Lower Upper

75 100

110 7.3 18.6 56.0#

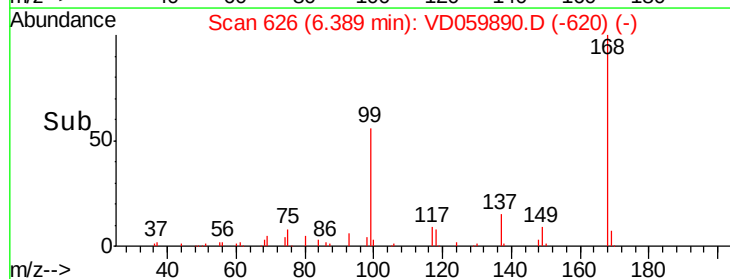
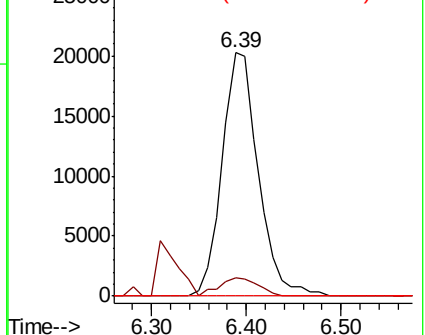
77 0.0 25.1 37.7#

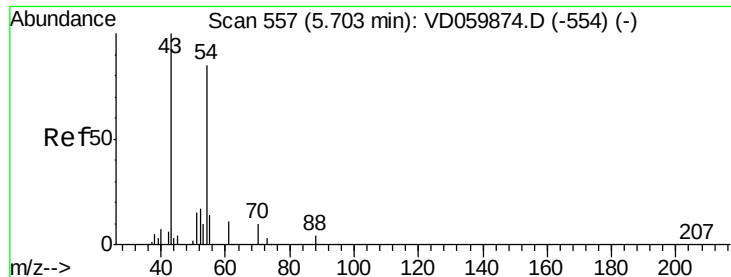


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

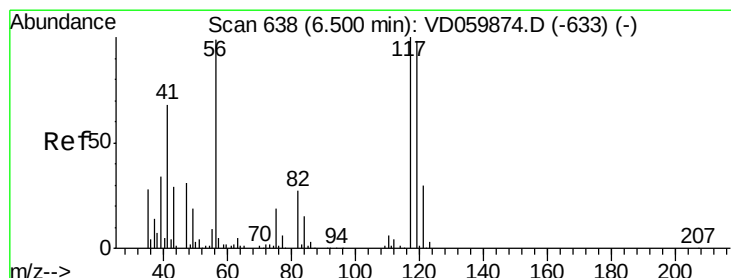
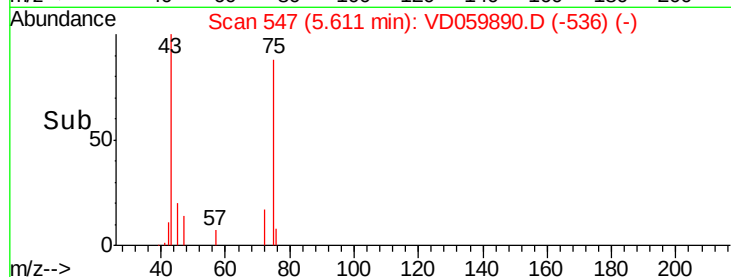
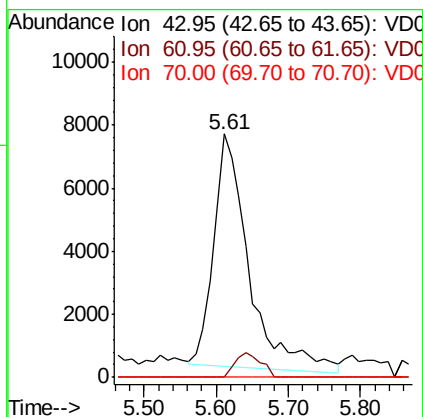
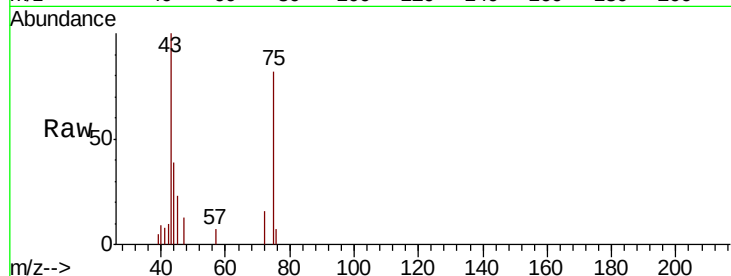




#37
Ethyl Acetate
Concen: 3.19 ug/l
RT: 5.61 min Scan# 547
Delta R.T. -0.09 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

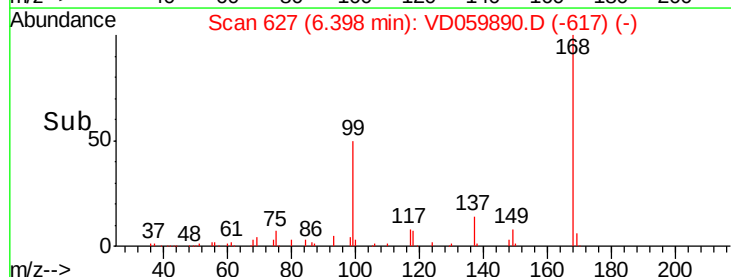
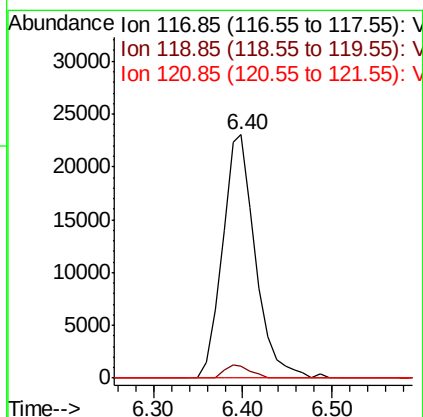
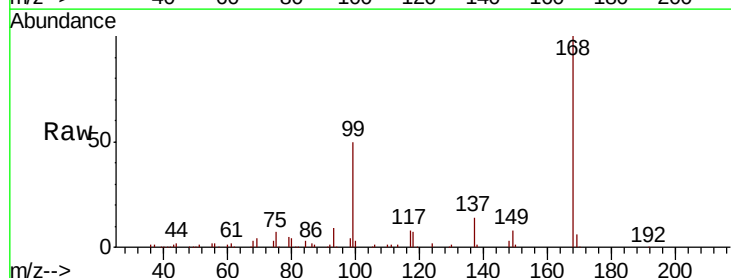
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

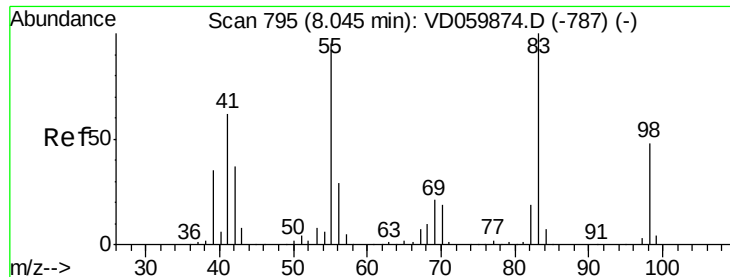
Tot Ion: 43 Resp: 24816
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 5.7 8.5#



#38
Carbon Tetrachloride
Concen: 5.86 ug/l
RT: 6.40 min Scan# 627
Delta R.T. -0.10 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 117 Resp: 59095
Ion Ratio Lower Upper
117 100
119 4.9 77.2 115.8#
121 0.0 24.0 36.0#

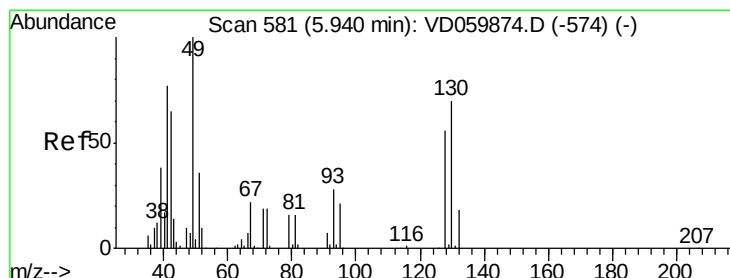
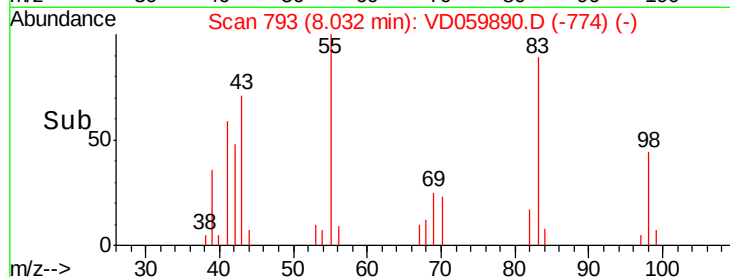
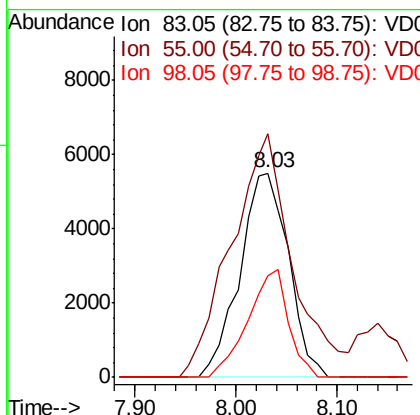
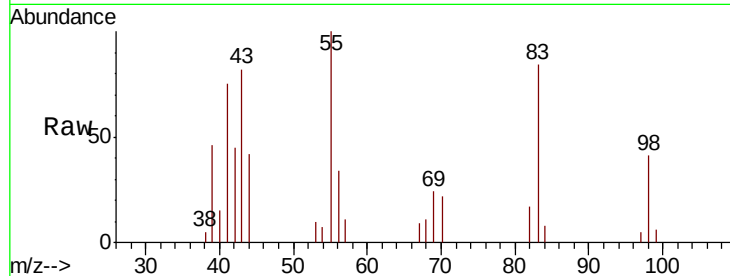




#39
Methylcyclohexane
Concen: 1.71 ug/l
RT: 8.03 min Scan# 793
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

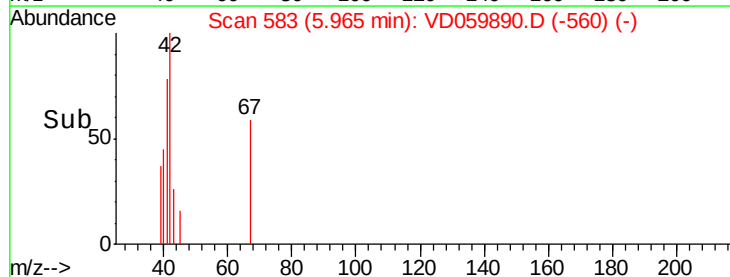
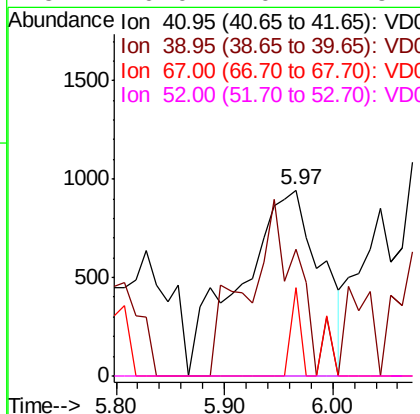
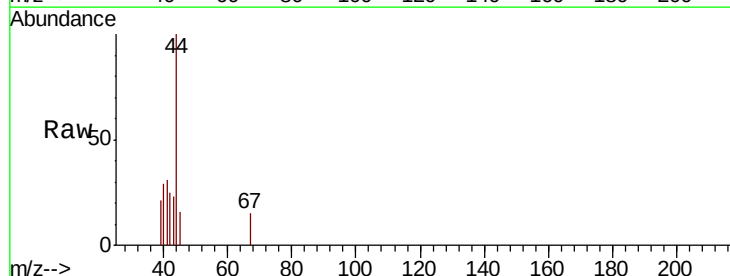
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

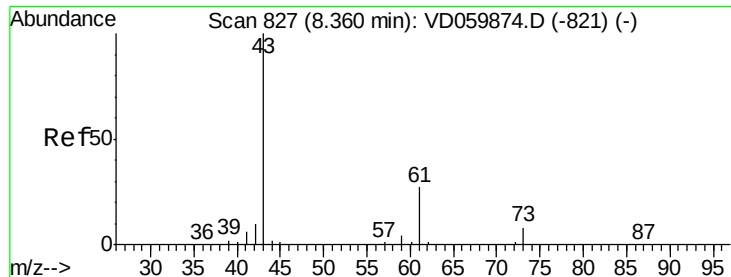
Tot Ion: 83 Resp: 18452
Ion Ratio Lower Upper
83 100
55 119.0 75.8 113.6#
98 49.4 38.3 57.5



#41
Methacrylonitrile
Concen: 1.24 ug/l
RT: 5.97 min Scan# 583
Delta R.T. 0.03 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 41 Resp: 4856
Ion Ratio Lower Upper
41 100
39 68.4 39.4 59.2#
67 47.6 22.2 33.2#
52 0.0 10.1 15.1#





#43

Isopropyl Acetate

Concen: 2.11 ug/l

RT: 8.39 min Scan# 829

Delta R.T. 0.03 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

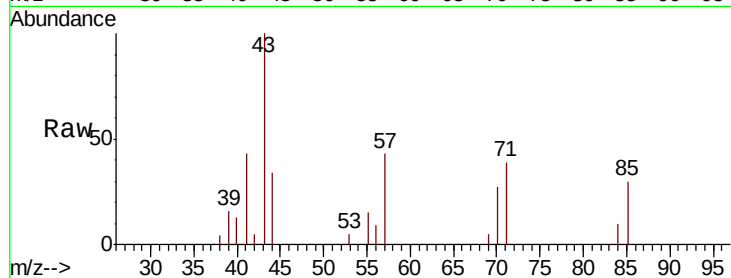
Tot Ion: 43 Resp: 21353

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.2#

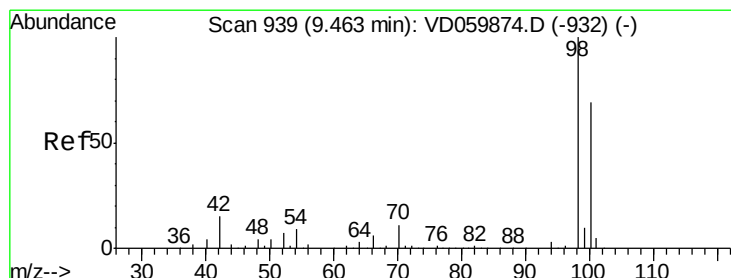
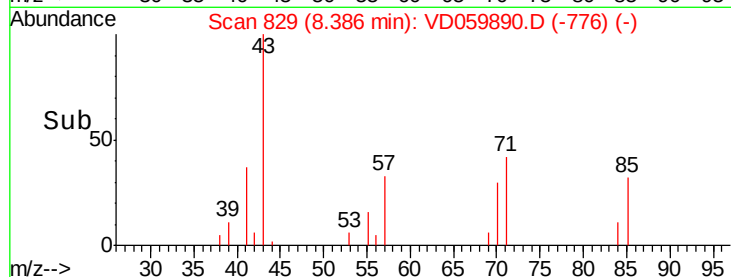
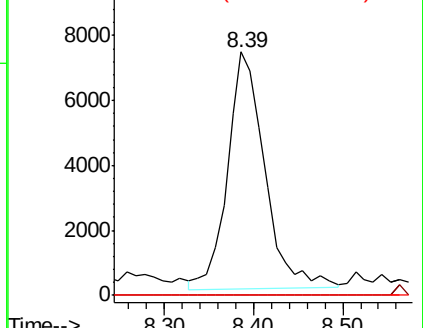
87 0.0 0.2 0.4#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.01 min

Lab File: VD059890.D

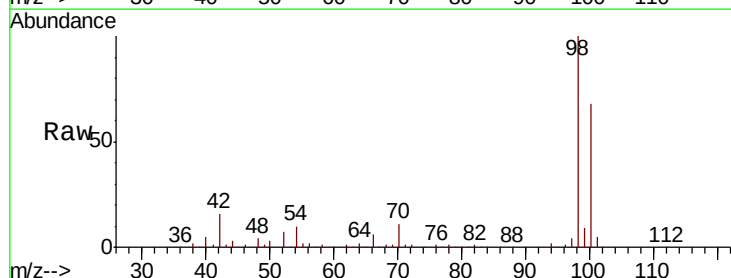
Acq: 23 Aug 2018 16:07

Tgt Ion: 98 Resp: 918593

Ion Ratio Lower Upper

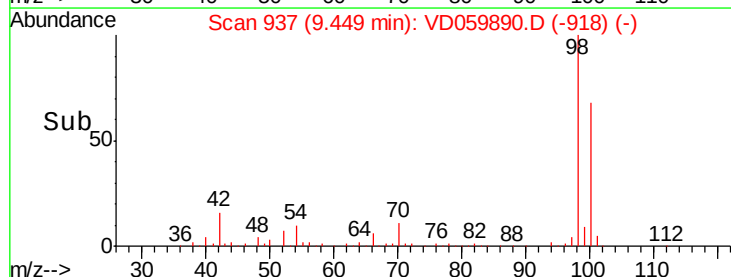
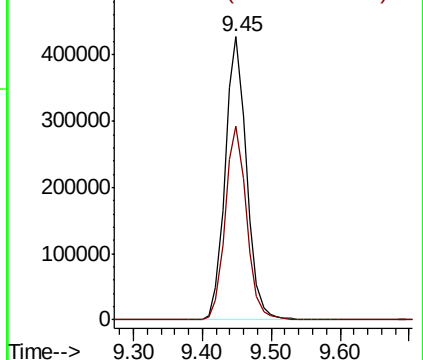
98 100

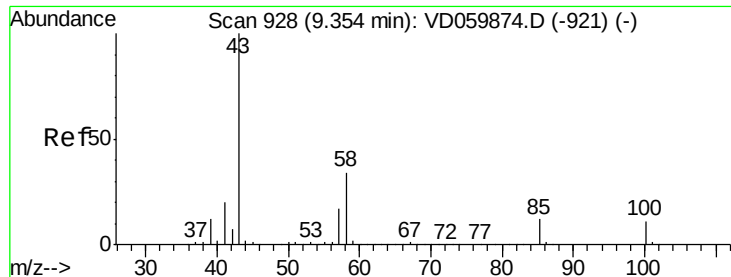
100 68.4 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 2.80 ug/l

RT: 9.33 min Scan# 925

Delta R.T. -0.02 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

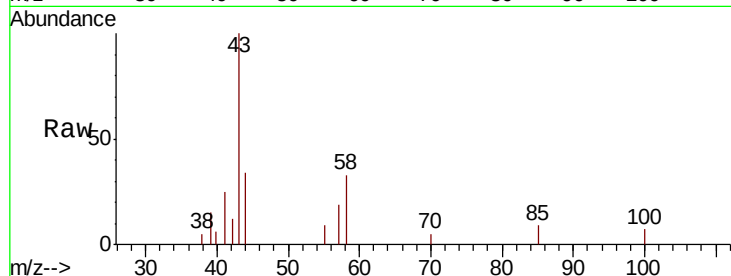
RA-081718-SSW-125-051RE

Tot Ion: 43 Resp: 21089

Ion Ratio Lower Upper

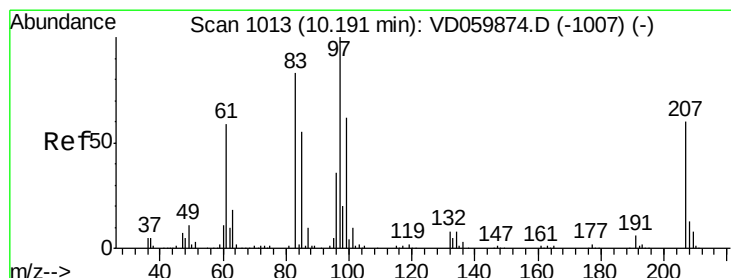
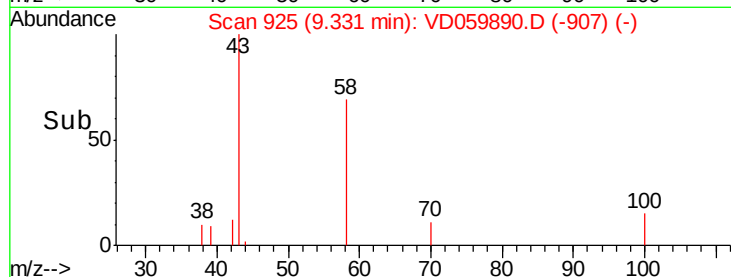
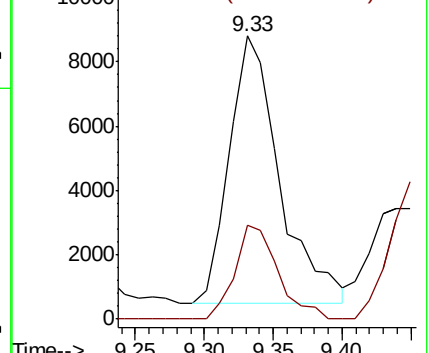
43 100

58 33.3 27.0 40.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#55

1,1,2-Trichloroethane

Concen: 2.11 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. -0.09 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Tgt Ion: 97 Resp: 12843

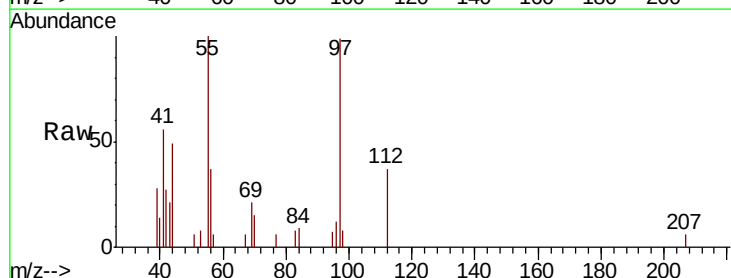
Ion Ratio Lower Upper

97 100

83 7.6 66.7 100.1#

85 0.0 43.8 65.6#

99 0.0 49.8 74.6#

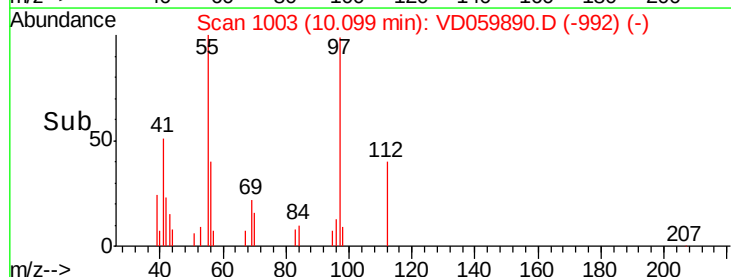
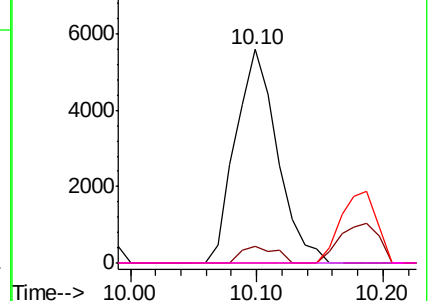


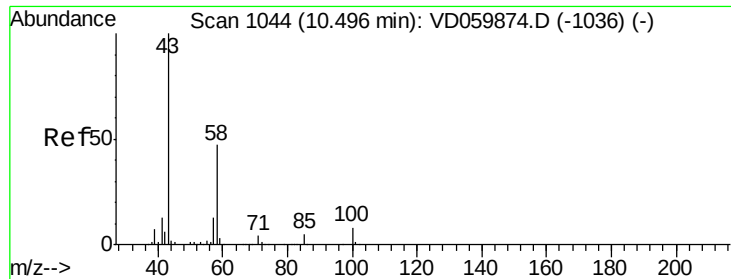
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

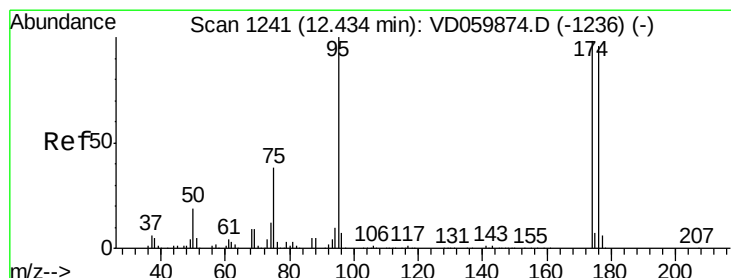
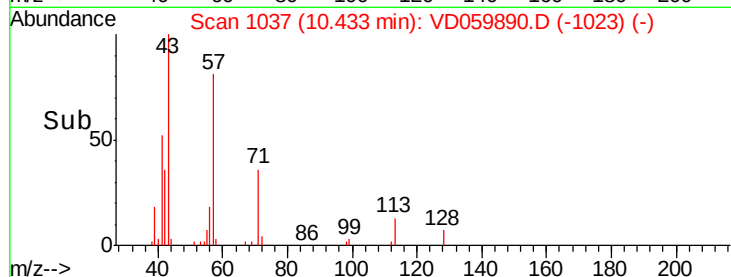
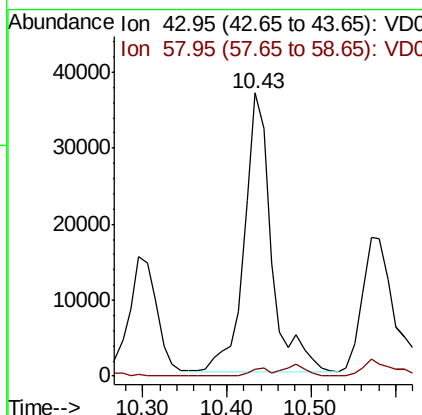
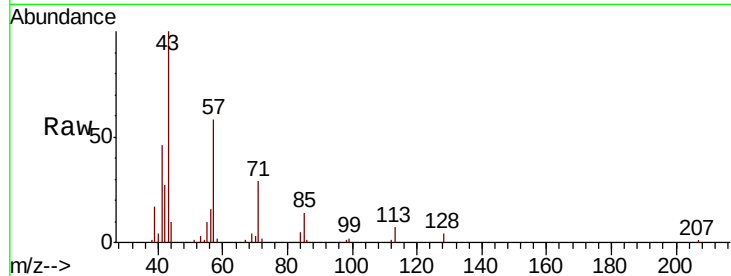




#59
2-Hexanone
Concen: 14.86 ug/l
RT: 10.43 min Scan# 1037
Delta R.T. -0.06 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

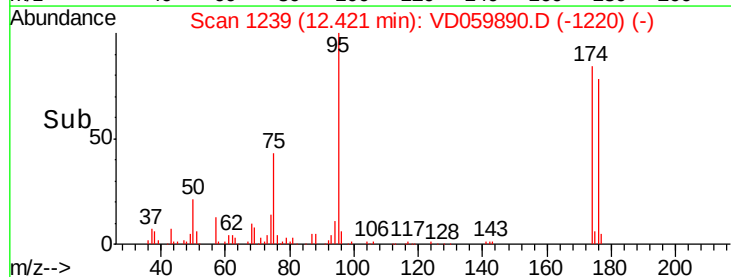
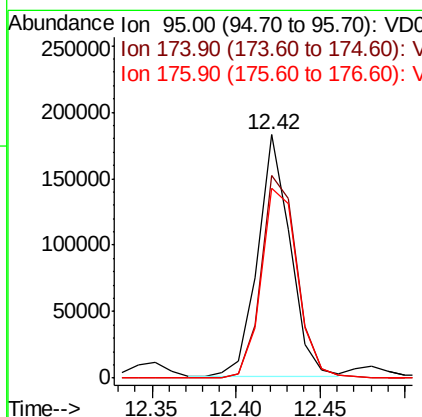
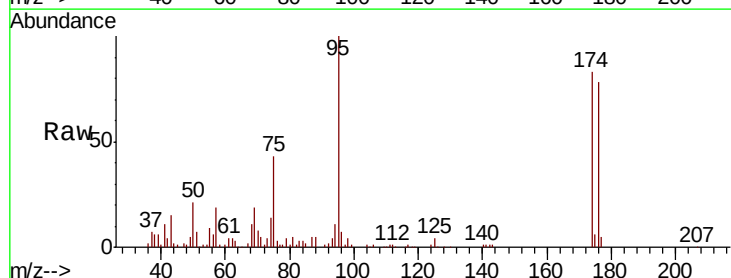
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

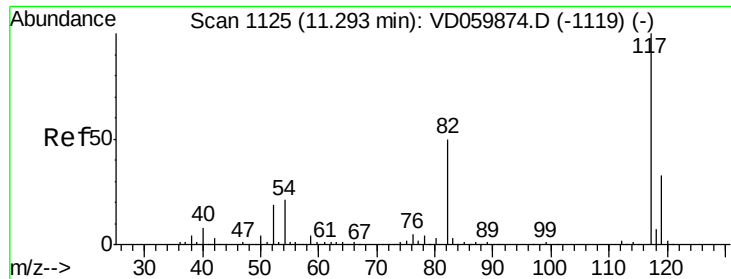
Tot Ion: 43 Resp: 82665
Ion Ratio Lower Upper
43 100
58 2.3 23.3 69.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 95 Resp: 243067
Ion Ratio Lower Upper
95 100
174 83.4 0.0 195.6
176 78.1 0.0 191.2

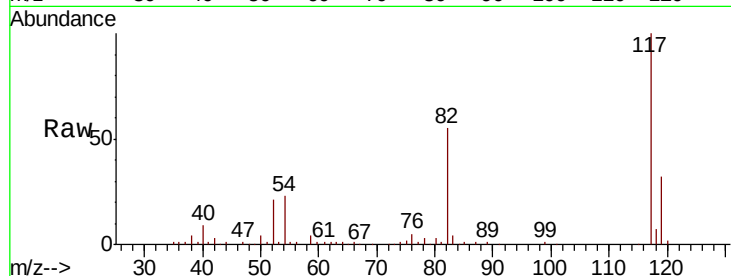




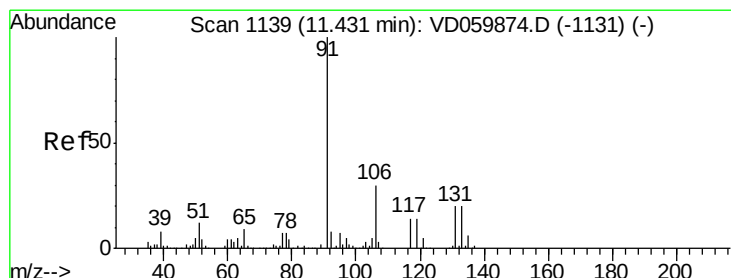
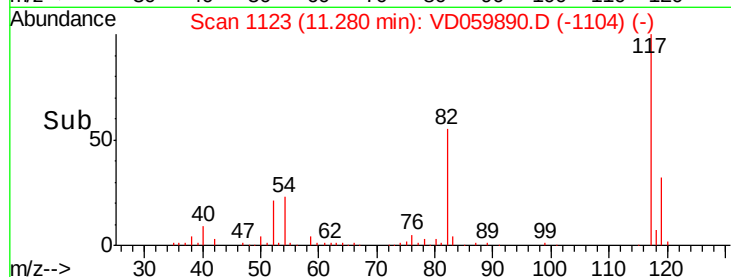
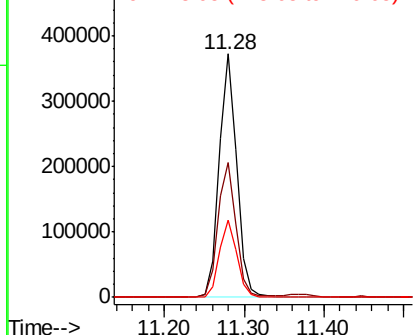
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

Tot Ion:117 Resp: 581552
Ion Ratio Lower Upper
117 100
82 55.2 40.1 60.1
119 31.6 26.7 40.1

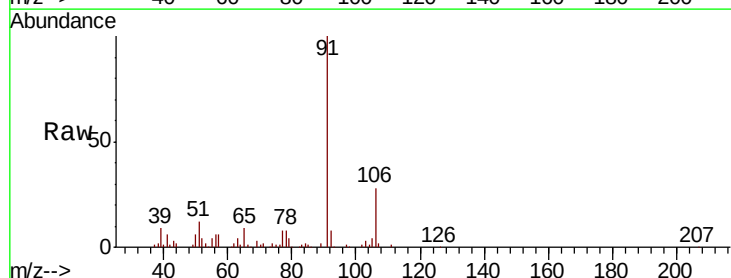


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

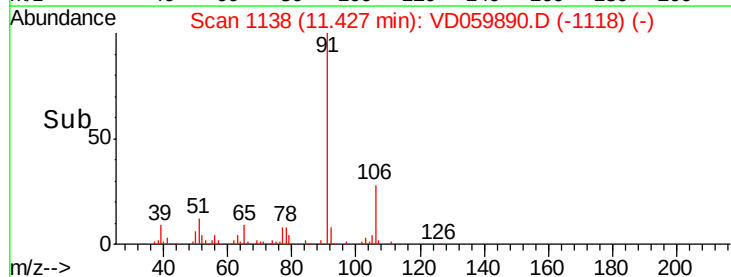
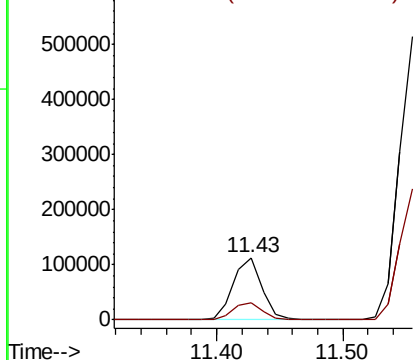


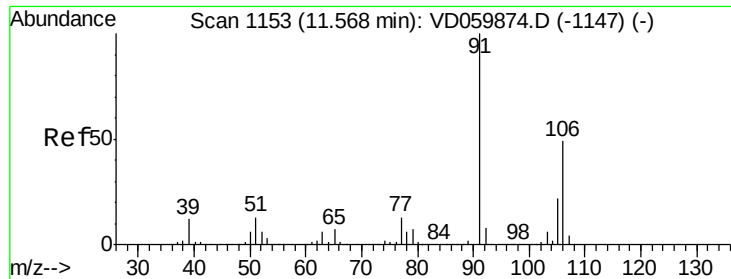
#67
Ethyl Benzene
Concen: 9.18 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 91 Resp: 178389
Ion Ratio Lower Upper
91 100
106 28.3 23.8 35.8



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

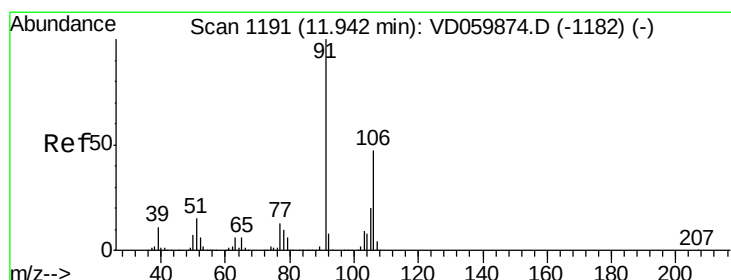
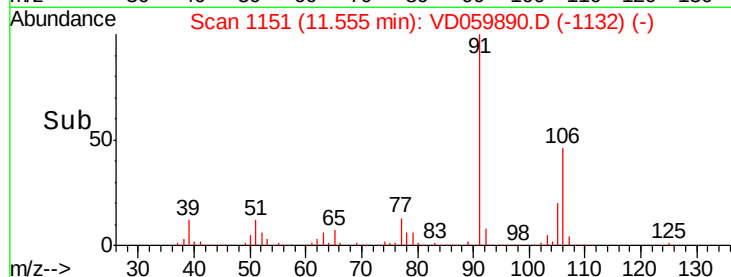
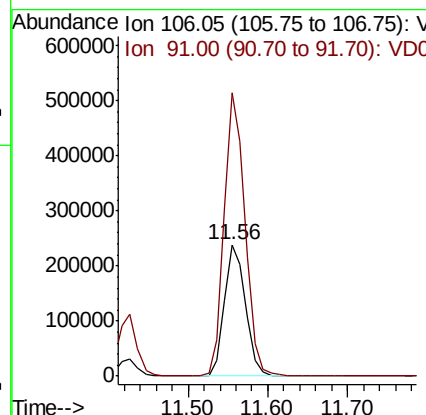
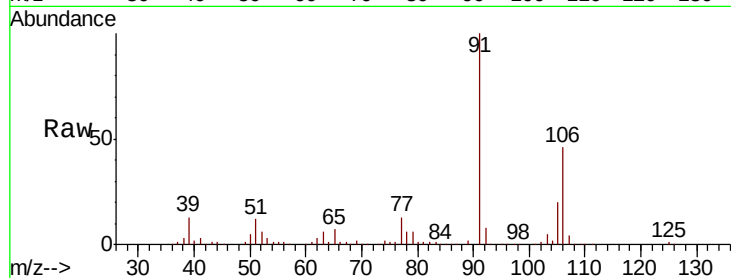




#68
m/p-Xylenes
Concen: 63.22 ug/l
RT: 11.56 min Scan# 1151
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

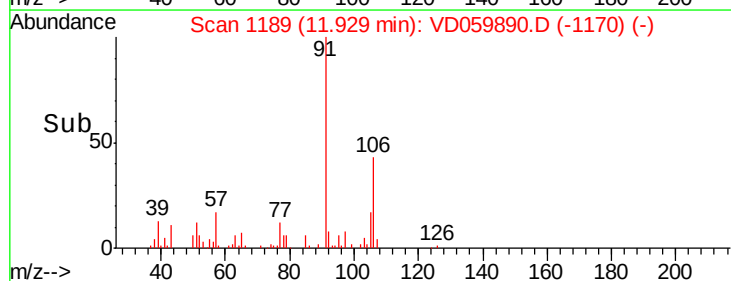
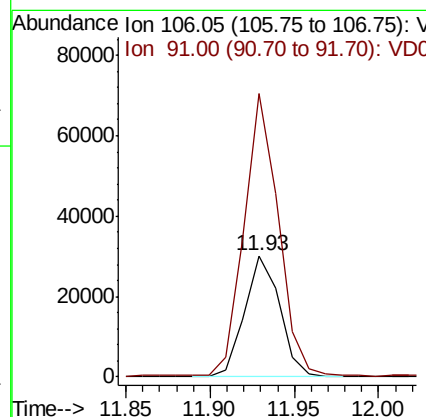
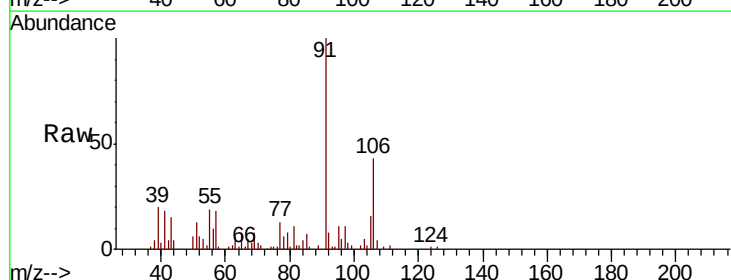
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

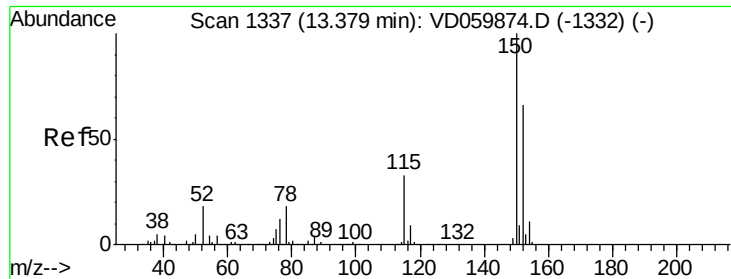
Tot Ion:106 Resp: 447515
Ion Ratio Lower Upper
106 100
91 215.3 162.0 243.0



#69
o-Xylene
Concen: 6.31 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion:106 Resp: 43672
Ion Ratio Lower Upper
106 100
91 233.6 107.3 322.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

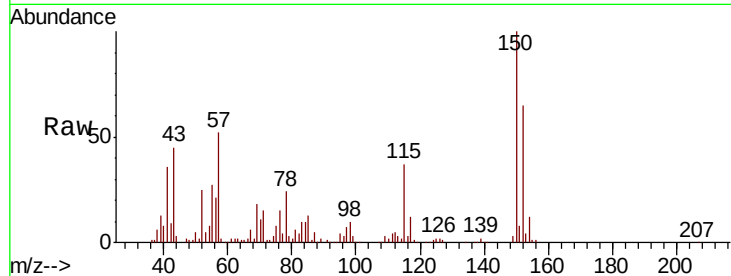
Tot Ion:152 Resp: 158330

Ion Ratio Lower Upper

152 100

115 56.7 25.7 77.0

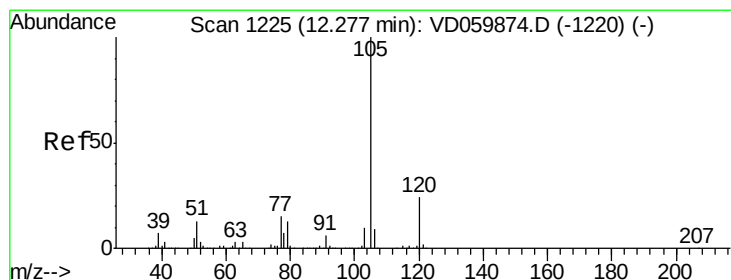
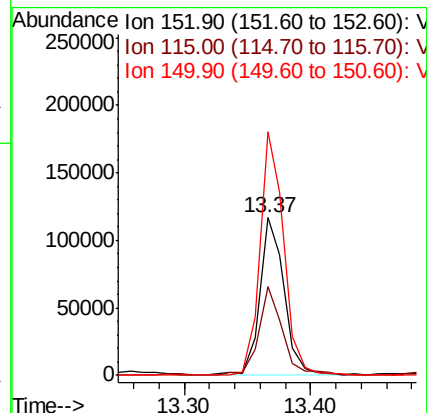
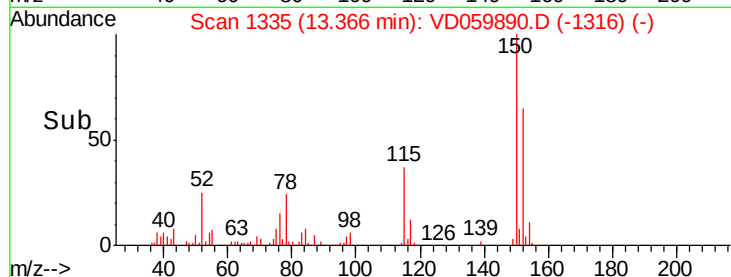
150 154.8 0.0 310.2



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: 6.50 ug/l

RT: 12.27 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VD059890.D

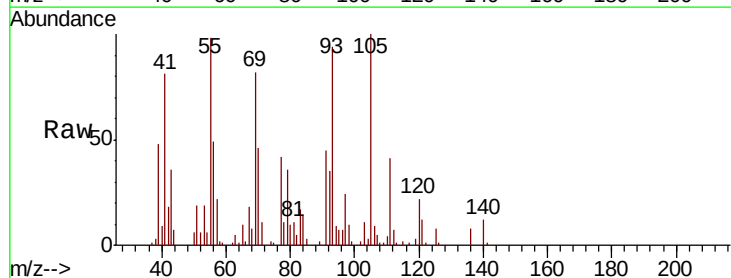
Acq: 23 Aug 2018 16:07

Tgt Ion:105 Resp: 65695

Ion Ratio Lower Upper

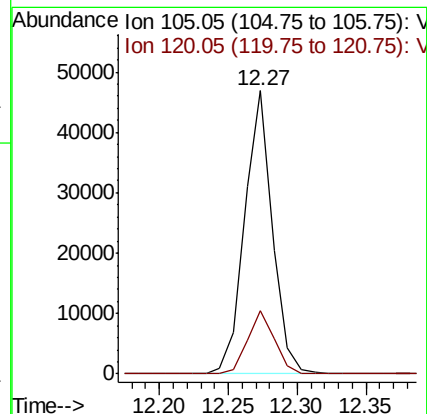
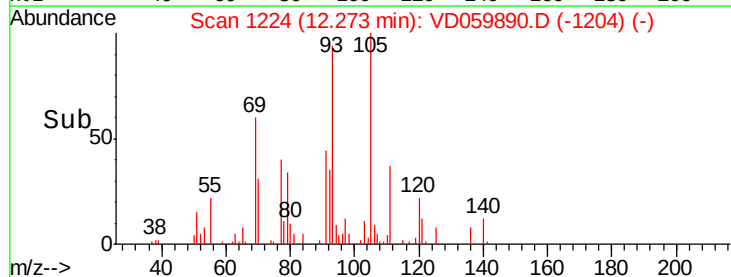
105 100

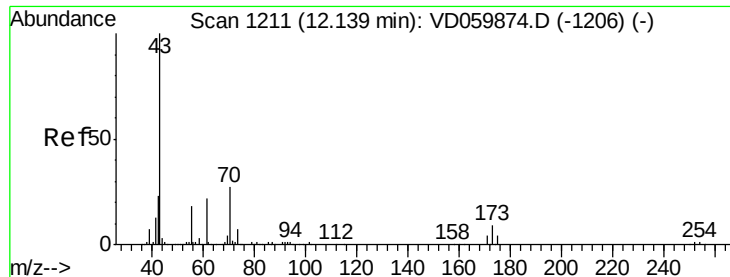
120 22.4 11.8 35.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 42.18 ug/l

RT: 12.09 min Scan# 1205

Delta R.T. -0.05 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

Tot Ion: 43 Resp: 186655

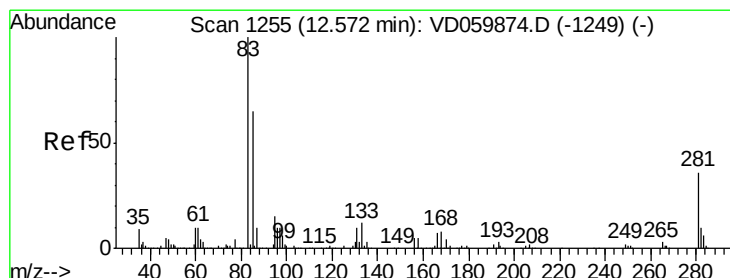
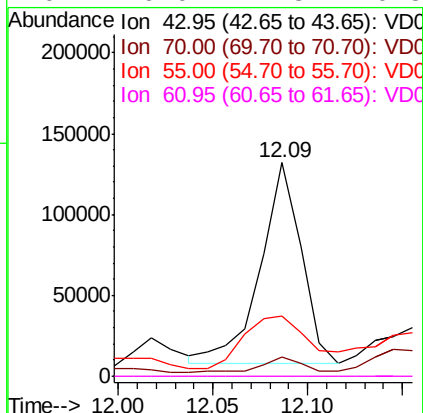
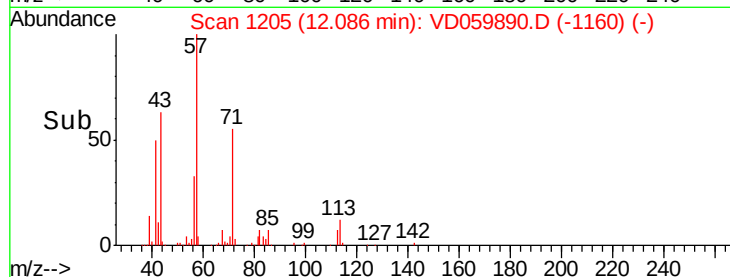
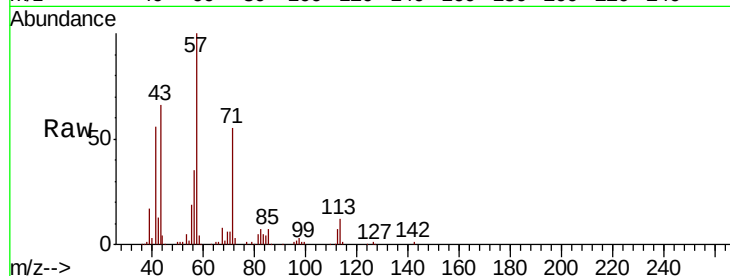
Ion Ratio Lower Upper

43 100

70 9.0 21.4 32.2#

55 28.4 14.1 21.1#

61 0.0 17.8 26.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 28.65 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

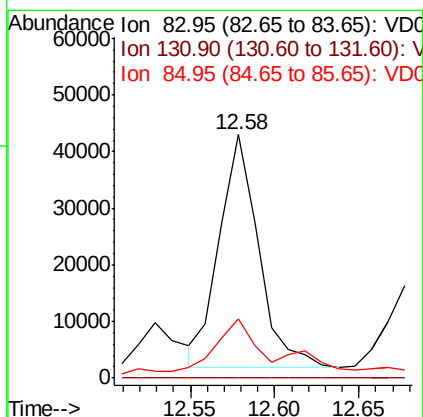
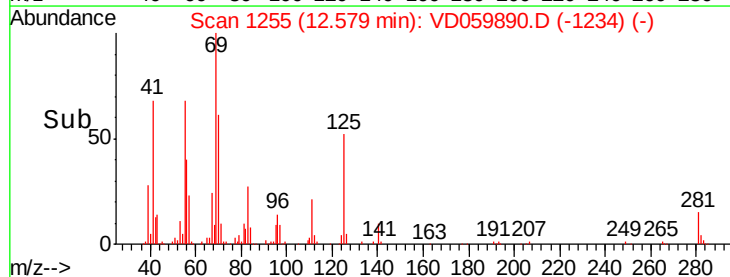
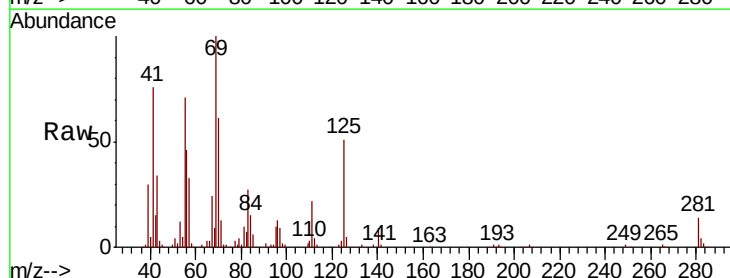
Tgt Ion: 83 Resp: 66975

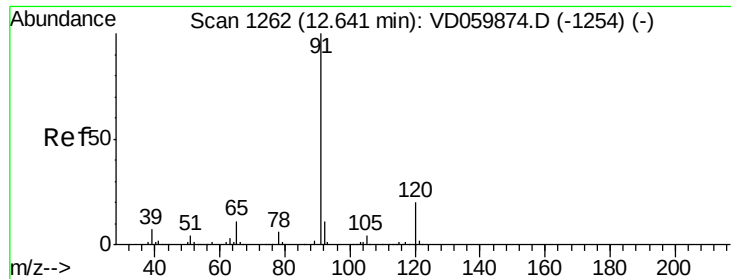
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 24.2 32.6 97.8#





#78

n-propylbenzene

Concen: 1.76 ug/l

RT: 12.64 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

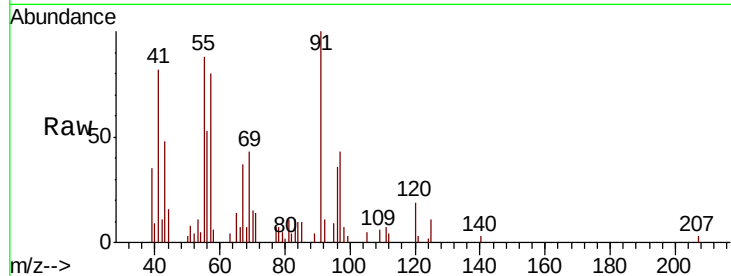
RA-081718-SSW-125-051RE

Tot Ion: 91 Resp: 22463

Ion Ratio Lower Upper

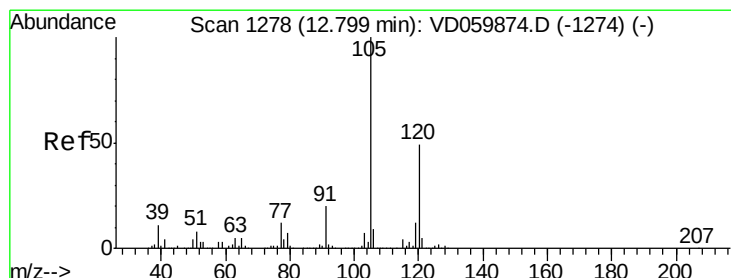
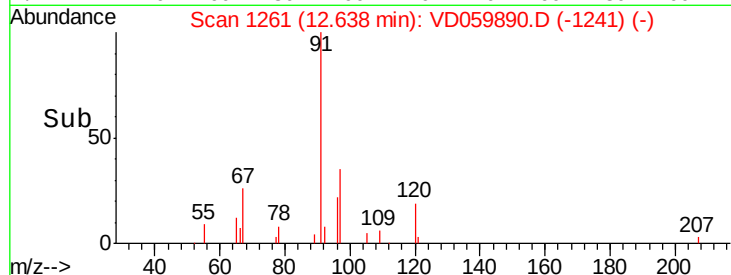
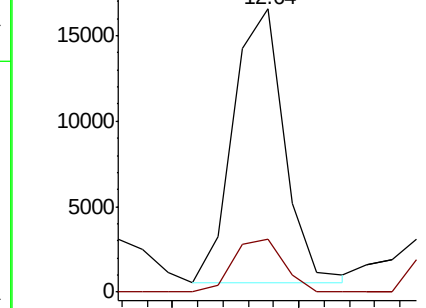
91 100

120 18.8 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#80

1,3,5-Trimethylbenzene

Concen: 4.70 ug/l

RT: 12.79 min Scan# 1276

Delta R.T. -0.01 min

Lab File: VD059890.D

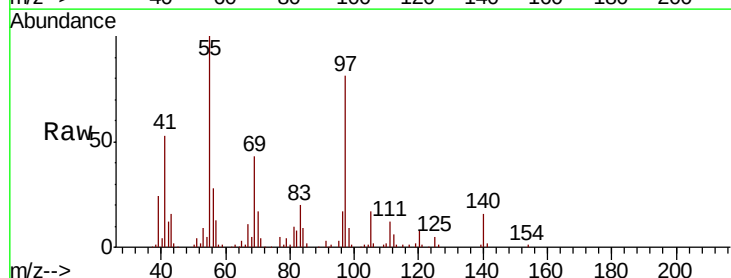
Acq: 23 Aug 2018 16:07

Tgt Ion:105 Resp: 37745

Ion Ratio Lower Upper

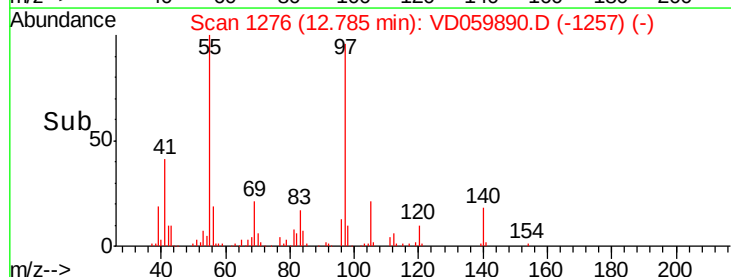
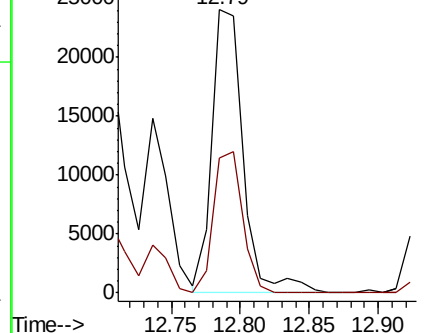
105 100

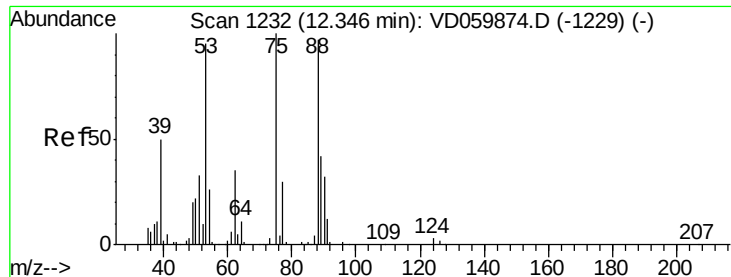
120 47.5 24.5 73.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 134.72 ug/l

RT: 12.42 min Scan# 1239

Delta R.T. 0.08 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

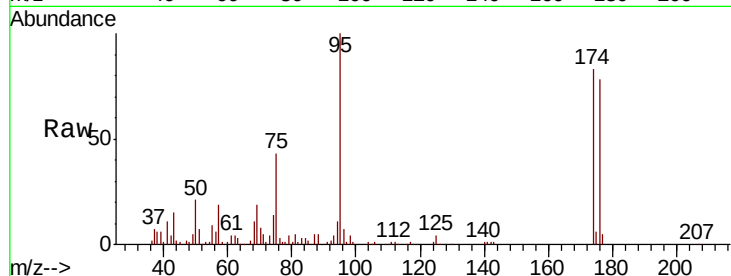
Tot Ion: 75 Resp: 103126

Ion Ratio Lower Upper

75 100

53 3.1 75.8 113.6#

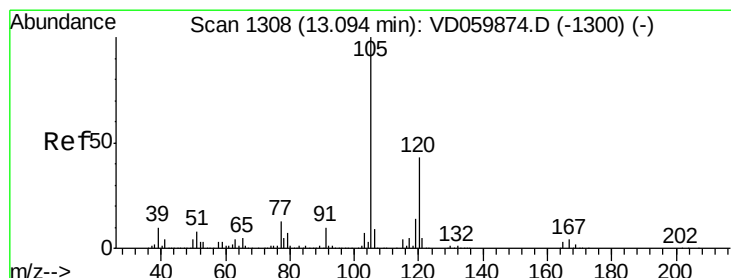
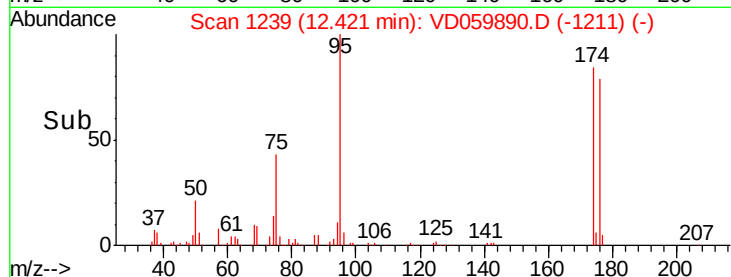
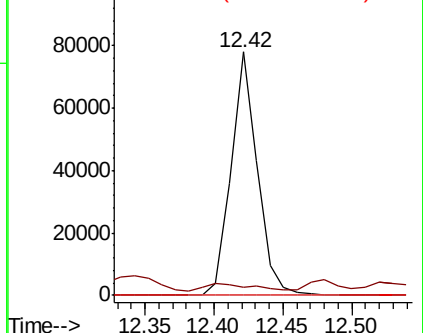
89 0.0 33.6 50.4#



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



#84

1,2,4-Trimethylbenzene

Concen: 10.80 ug/l

RT: 13.09 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VD059890.D

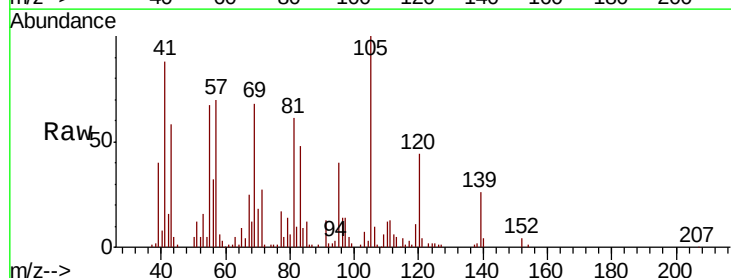
Acq: 23 Aug 2018 16:07

Tgt Ion:105 Resp: 90445

Ion Ratio Lower Upper

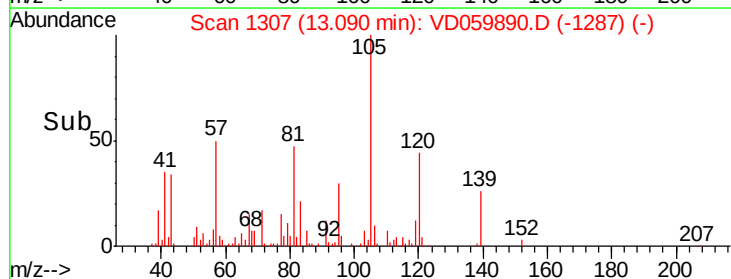
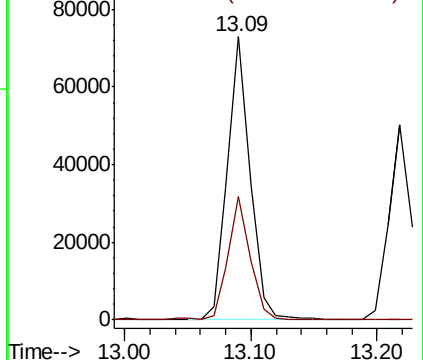
105 100

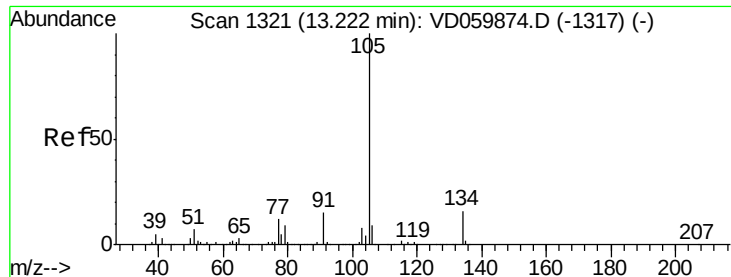
120 43.7 21.8 65.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

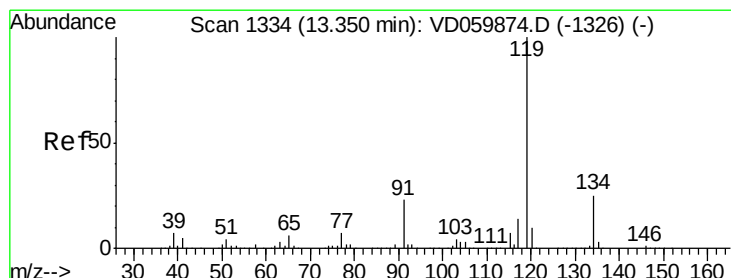
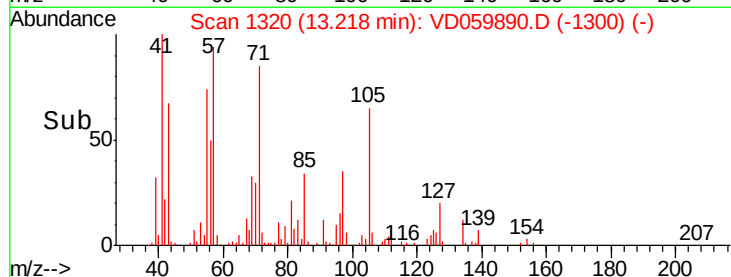
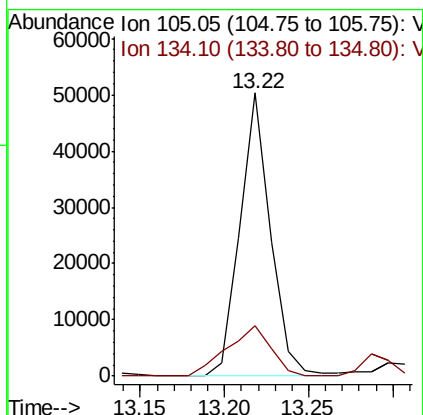
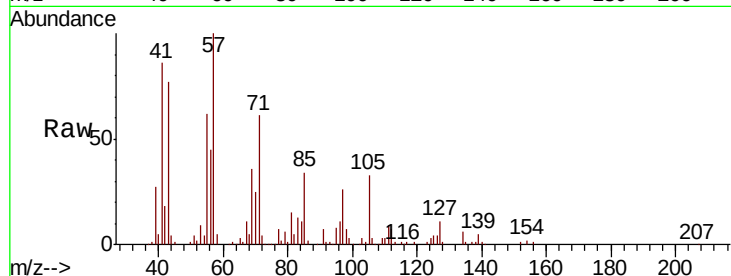




#85
 sec-Butylbenzene
 Concen: 5.91 ug/l
 RT: 13.22 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VD059890.D
 Acq: 23 Aug 2018 16:07

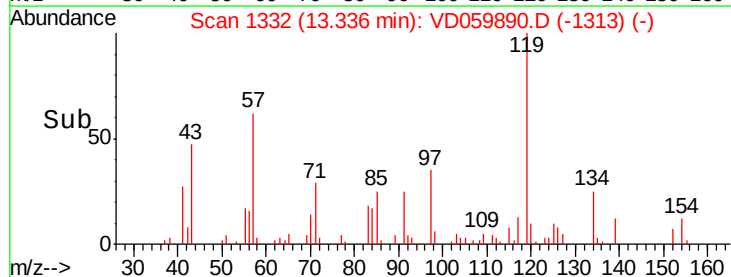
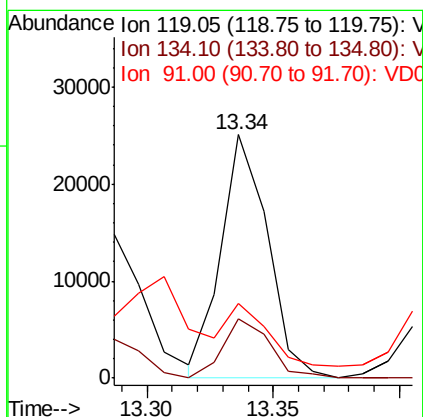
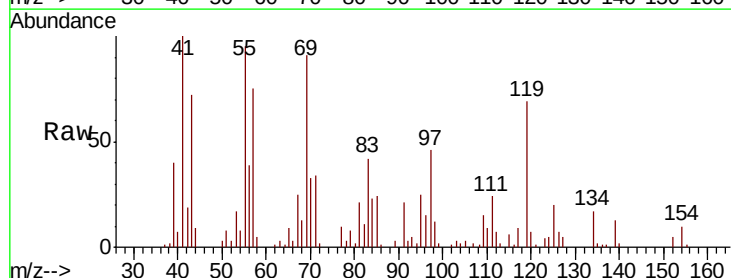
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051RE

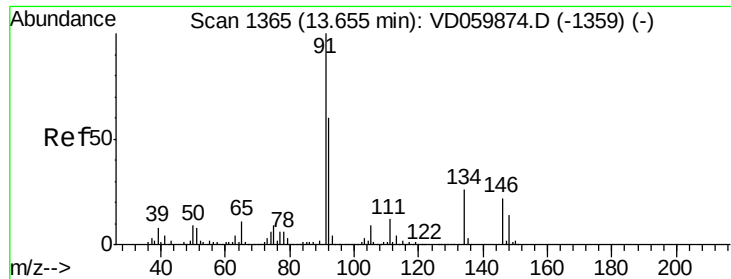
Tot Ion:105 Resp: 63576
 Ion Ratio Lower Upper
 105 100
 134 17.8 8.2 24.4



#86
 p-Isopropyltoluene
 Concen: 3.67 ug/l
 RT: 13.34 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD059890.D
 Acq: 23 Aug 2018 16:07

Tgt Ion:119 Resp: 32152
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.7 38.1
 91 30.8 11.7 35.0

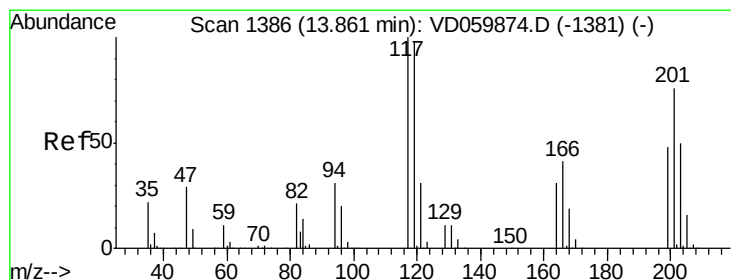
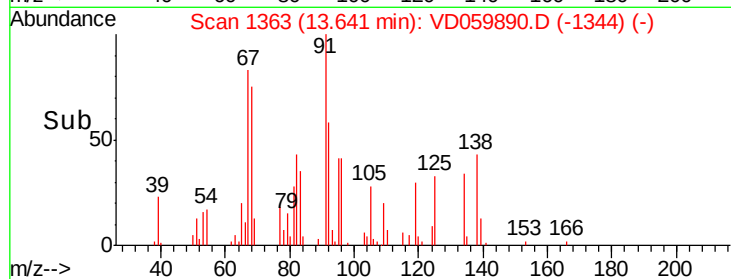
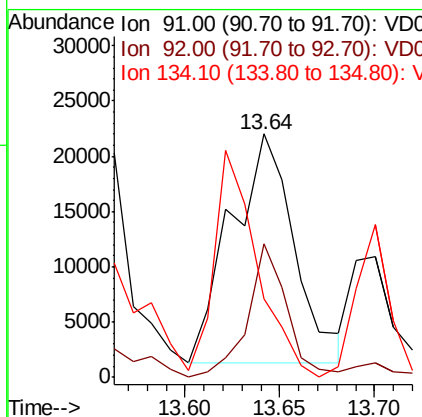
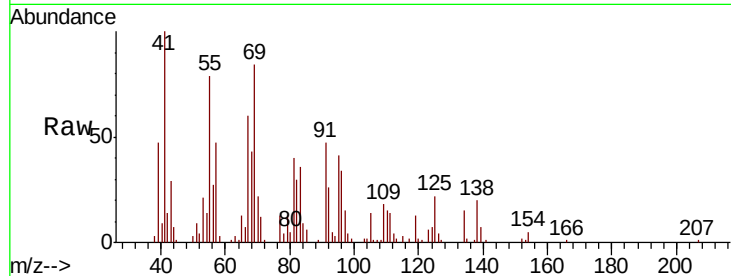




#89
n-Butylbenzene
Concen: 4.07 ug/l
RT: 13.64 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

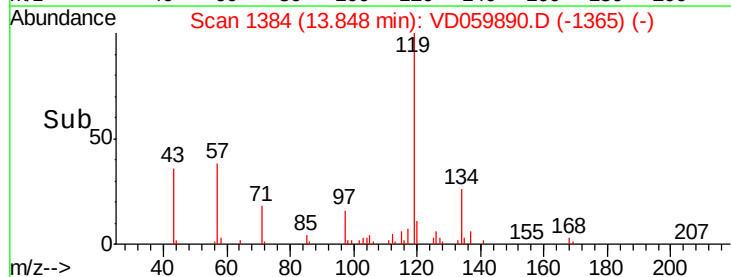
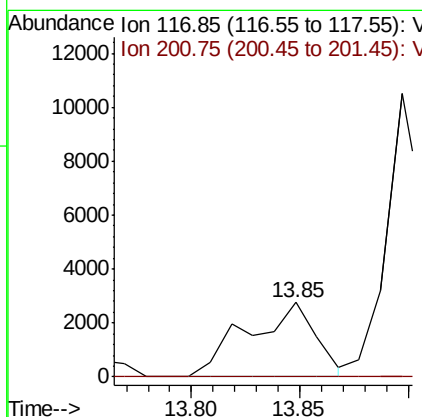
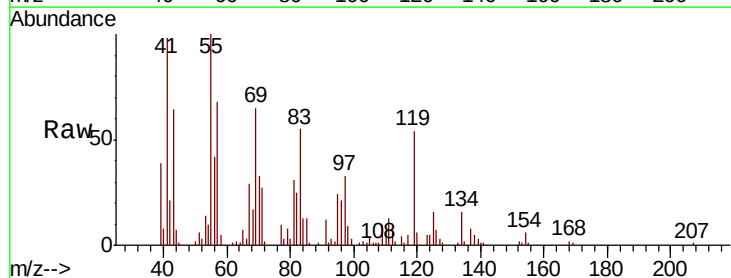
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051RE

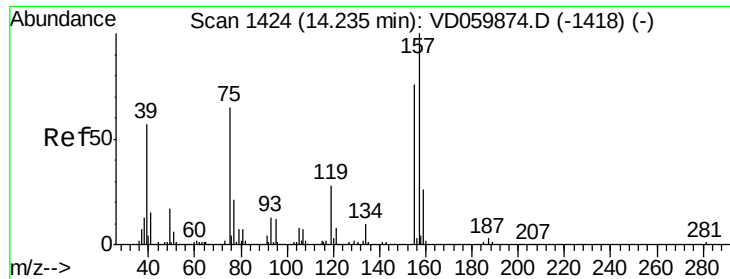
Tot Ion: 91 Resp: 47895
Ion Ratio Lower Upper
91 100
92 54.7 30.0 90.1
134 32.4 12.8 38.4



#90
Hexachloroethane
Concen: 2.59 ug/l
RT: 13.85 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VD059890.D
Acq: 23 Aug 2018 16:07

Tgt Ion: 117 Resp: 6082
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.50 ug/l

RT: 14.27 min Scan# 1427

Delta R.T. 0.04 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051RE

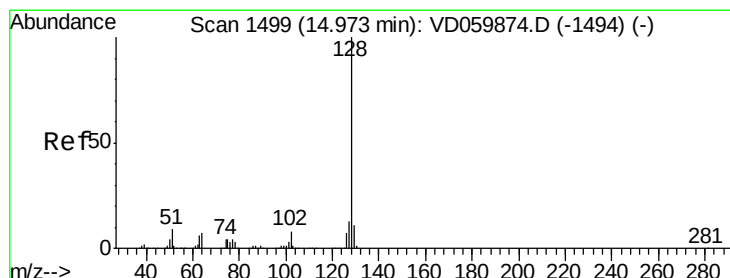
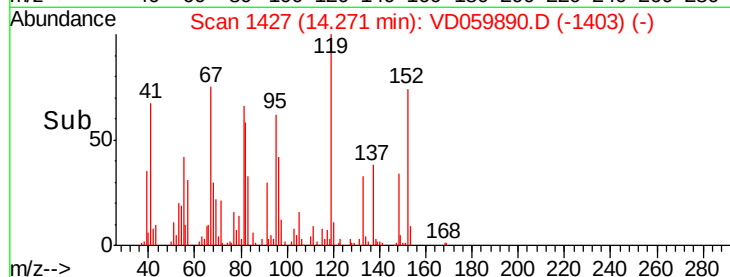
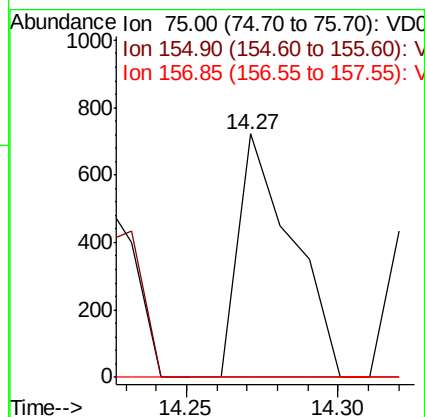
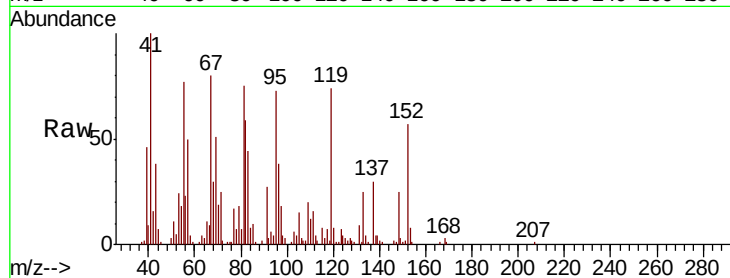
Tot Ion: 75 Resp: 897

Ion Ratio Lower Upper

75 100

155 0.0 58.2 174.6#

157 0.0 76.8 230.4#



#95

Naphthalene

Concen: 3.98 ug/l

RT: 14.96 min Scan# 1497

Delta R.T. -0.01 min

Lab File: VD059890.D

Acq: 23 Aug 2018 16:07

Tgt Ion: 128 Resp: 22173

Ion Ratio Lower Upper

128 100

127 19.6 10.0 15.0#

129 17.3 8.6 13.0#

