

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059888.D
 Acq On : 23 Aug 2018 15:11
 Operator : JC/SY
 Sample : J4559-05RE
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049RE

Quant Time: Aug 24 05:25:24 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	6.39	168	541757	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	840104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	505454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	155063	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	397014	86.95	ug/l	-0.02
Spiked Amount			Recovery	=	173.90%	
35) Dibromofluoromethane	6.31	113	410589	62.34	ug/l	-0.02
Spiked Amount			Recovery	=	124.68%	
50) Toluene-d8	9.45	98	807626	44.18	ug/l	0.00
Spiked Amount			Recovery	=	88.36%	
62) 4-Bromofluorobenzene	12.42	95	236236	31.82	ug/l	0.00
Spiked Amount			Recovery	=	63.64%	

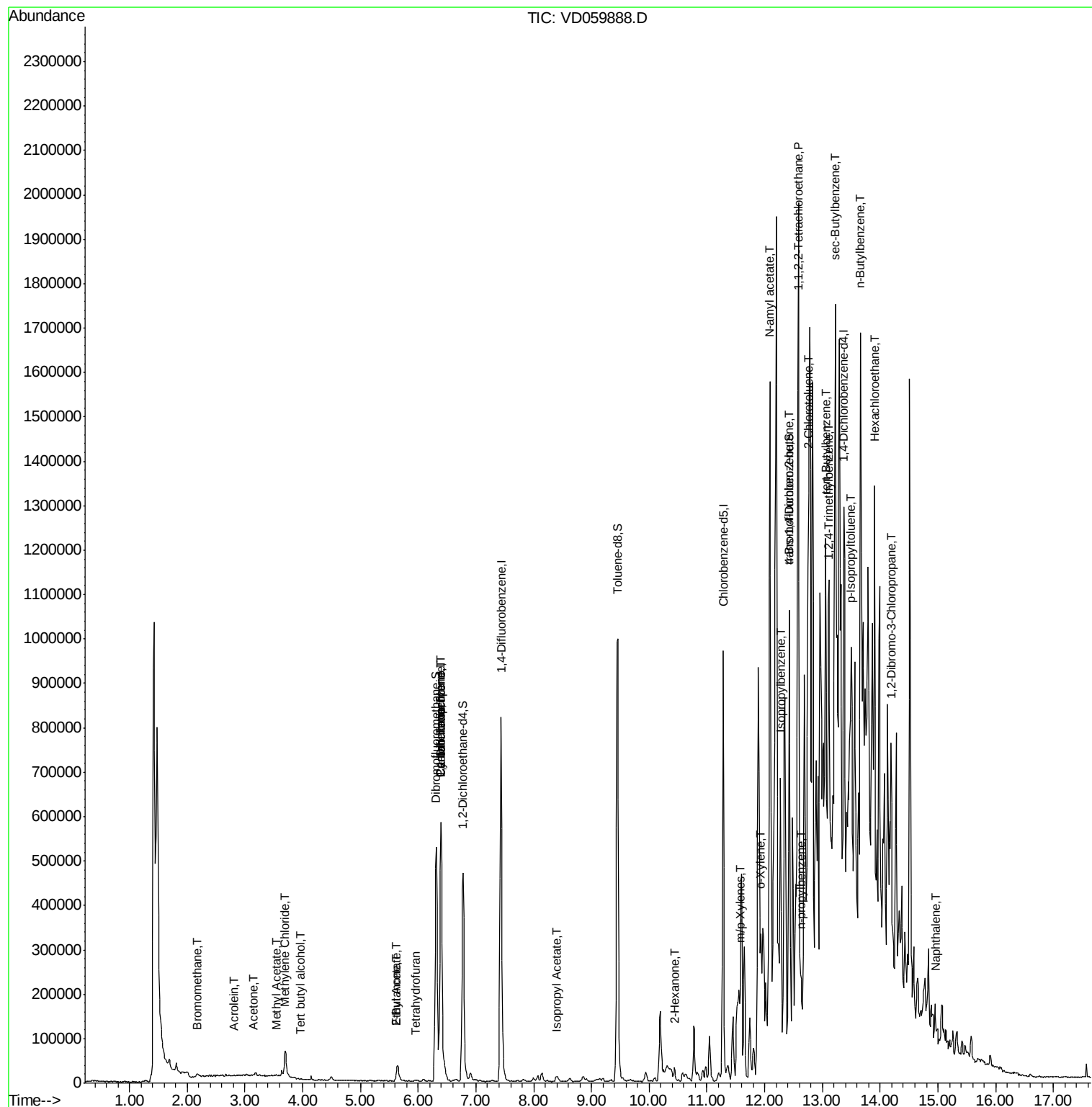
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	793	1.34	ug/l #	1
11) Tert butyl alcohol	3.96	59	687	1.97	ug/l #	75
13) Acrolein	2.82	56	817	5.41	ug/l	91
16) Acetone	3.14	43	3741	4.50	ug/l	96
18) Methyl Acetate	3.55	43	5503	3.17	ug/l #	89
20) Methylene Chloride	3.70	84	33716	2.54	ug/l	94
25) 2-Butanone	5.61	43	6969	2.83	ug/l	95
29) Tetrahydrofuran	5.94	42	3766	3.21	ug/l #	43
31) Cyclohexane	6.39	56	11389	1.31	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	39724	5.22	ug/l #	46
37) Ethyl Acetate	5.61	43	6969	1.18	ug/l #	71
38) Carbon Tetrachloride	6.39	117	45439	5.91	ug/l #	15
43) Isopropyl Acetate	8.40	43	10540	1.37	ug/l #	49
59) 2-Hexanone	10.44	43	22951	5.41	ug/l #	30
68) m/p-Xylenes	11.57	106	24553	3.99	ug/l	100
69) o-Xylene	11.93	106	6634	1.10	ug/l	73
73) Isopropylbenzene	12.28	105	65088	6.58	ug/l	98
74) N-amyl acetate	12.09	43	291897	67.35	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.58	83	121846	53.22	ug/l #	50
78) n-propylbenzene	12.63	91	26952	2.15	ug/l	89
79) 2-Chlorotoluene	12.75	91	7605	1.07	ug/l	79
81) trans-1,4-Dichloro-2-buten	12.42	75	96631	128.90	ug/l #	15
83) tert-Butylbenzene	13.04	119	9543	1.06	ug/l	81
84) 1,2,4-Trimethylbenzene	13.09	105	14568	1.78	ug/l	96
85) sec-Butylbenzene	13.22	105	112945	10.71	ug/l	100
86) p-Isopropyltoluene	13.49	119	56708	6.61	ug/l	94
89) n-Butylbenzene	13.65	91	28755	2.10	ug/l	88
90) Hexachloroethane	13.90	117	20658	8.97	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.19	75	2465	7.00	ug/l #	1
95) Naphthalene	14.96	128	8092	1.48	ug/l #	89

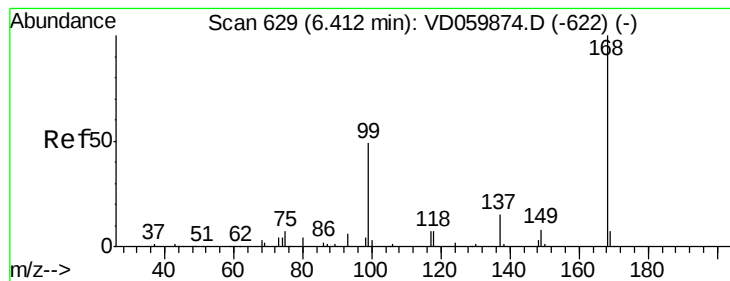
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 627

Delta R.T. -0.02 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

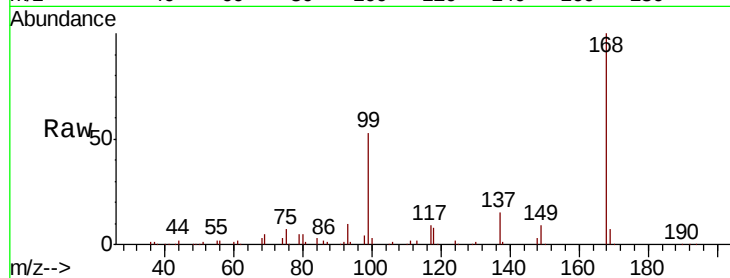
RA-081718-WSW-20-049RE

Tot Ion:168 Resp: 541757

Ion Ratio Lower Upper

168 100

99 53.2 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

200000

150000

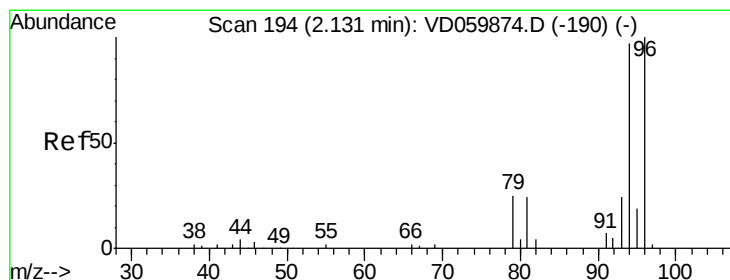
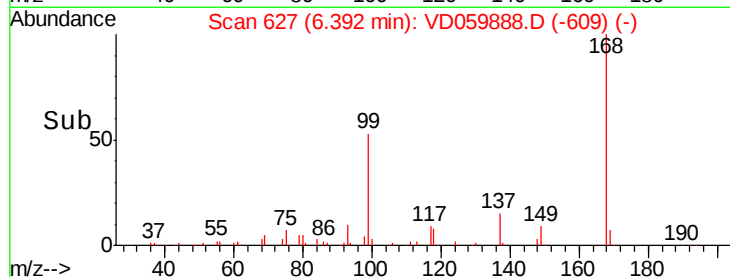
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50000

0

Time-->

6.30 6.40 6.50 6.60



#5

Bromomethane

Concen: 1.34 ug/l

RT: 2.16 min Scan# 197

Delta R.T. 0.03 min

Lab File: VD059888.D

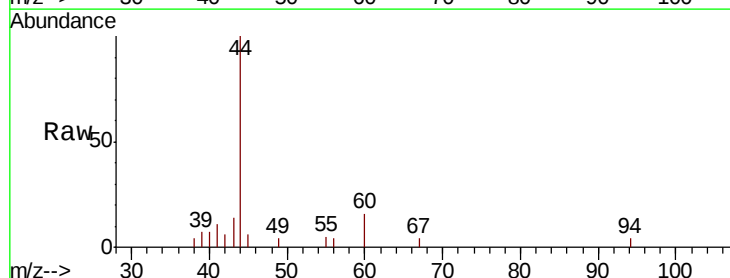
Acq: 23 Aug 2018 15:11

Tgt Ion: 94 Resp: 793

Ion Ratio Lower Upper

94 100

96 0.0 82.4 123.6#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.16

400

300

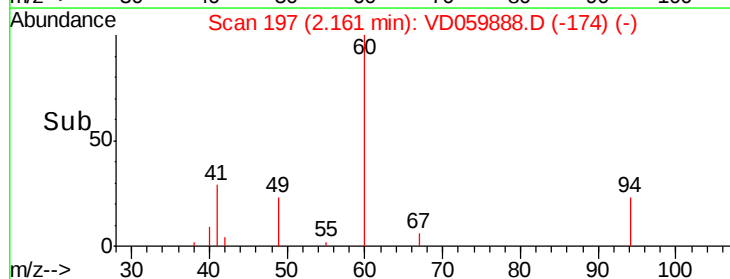
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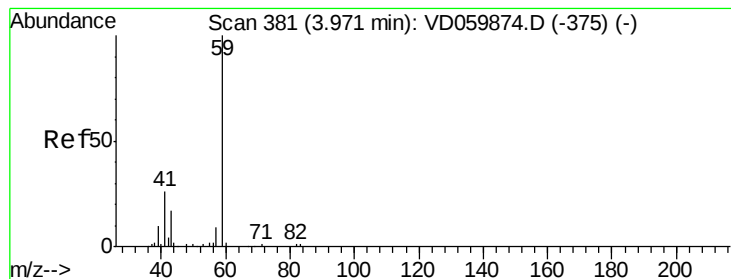
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Time-->

2.10 2.15 2.20



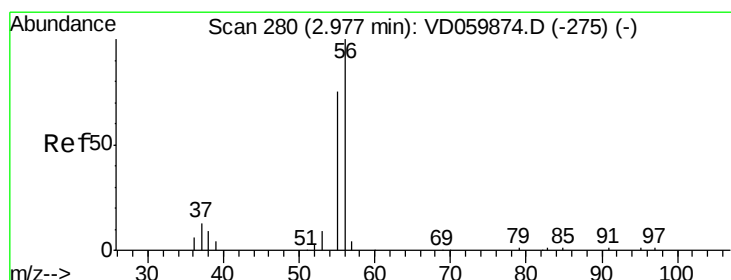
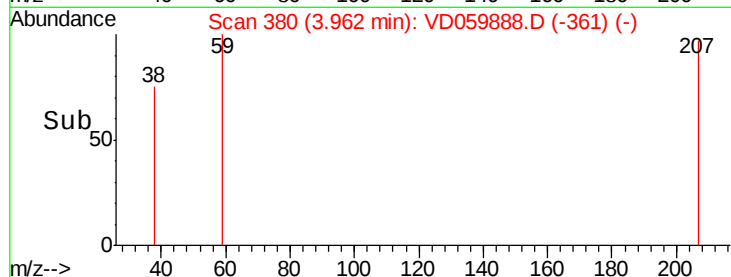
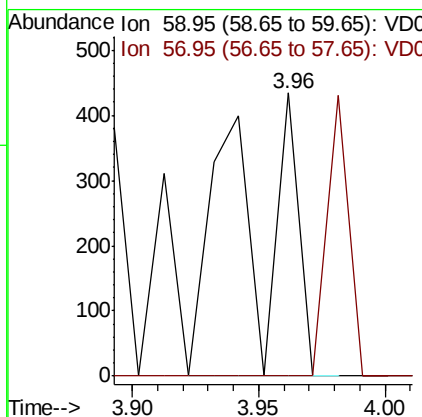
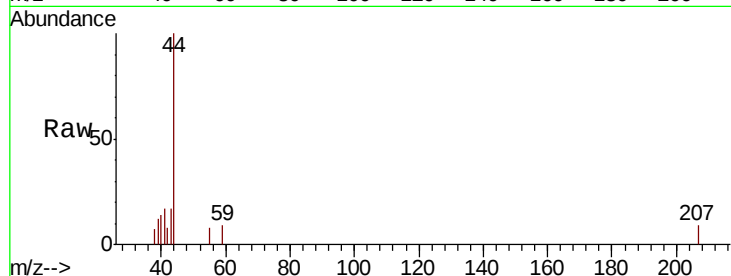


#11

Tert butyl alcohol
 Concen: 1.97 ug/l
 RT: 3.96 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049RE

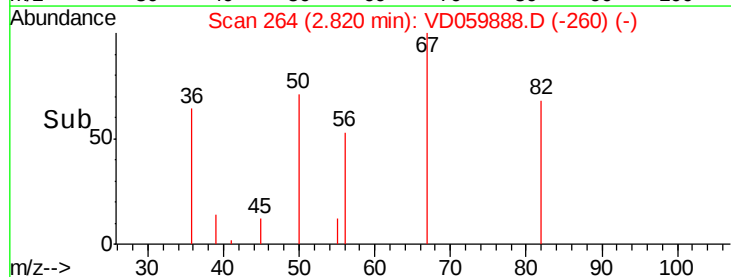
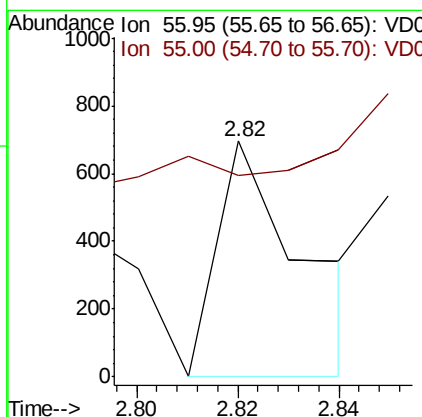
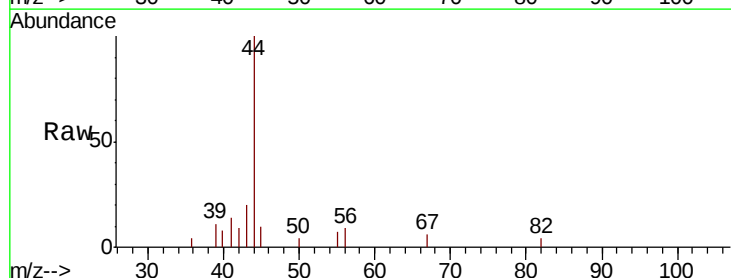
Tot Ion: 59 Resp: 687
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.0#

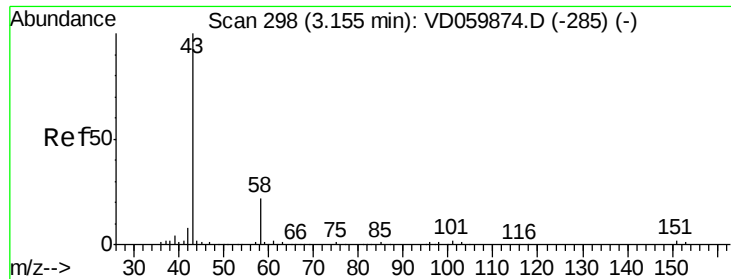


#13

Acrolein
 Concen: 5.41 ug/l
 RT: 2.82 min Scan# 264
 Delta R.T. -0.16 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Tgt Ion: 56 Resp: 817
 Ion Ratio Lower Upper
 56 100
 55 85.3 61.9 92.9





#16

Acetone

Concen: 4.50 ug/l

RT: 3.14 min Scan# 296

Delta R.T. -0.02 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

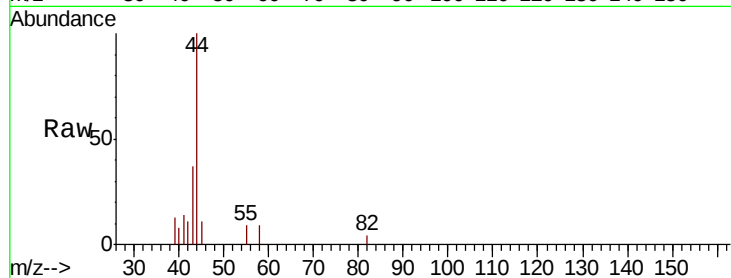
RA-081718-WSW-20-049RE

Tot Ion: 43 Resp: 3741

Ion Ratio Lower Upper

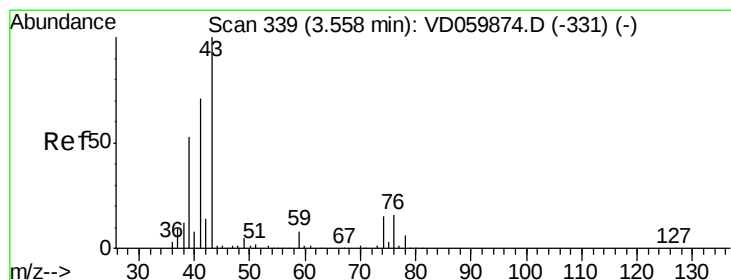
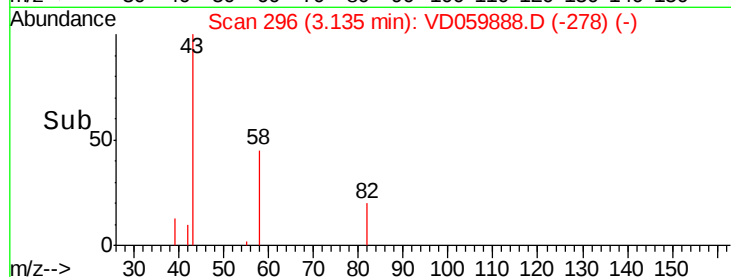
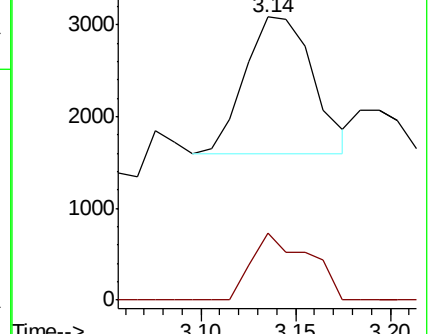
43 100

58 23.8 17.6 26.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 3.17 ug/l

RT: 3.55 min Scan# 338

Delta R.T. -0.01 min

Lab File: VD059888.D

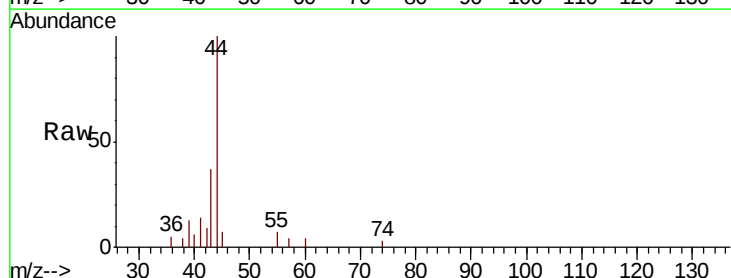
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 5503

Ion Ratio Lower Upper

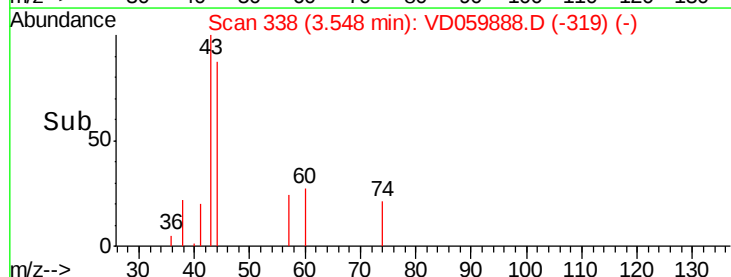
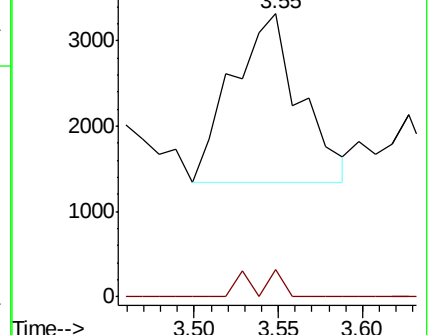
43 100

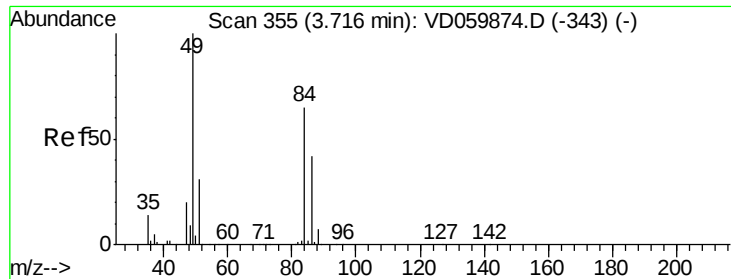
74 9.5 11.2 16.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

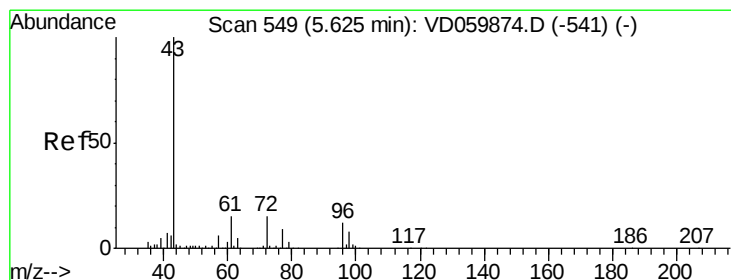
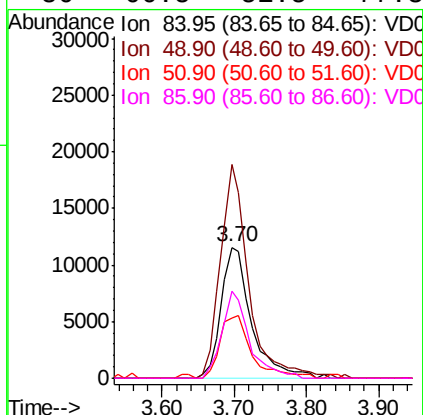
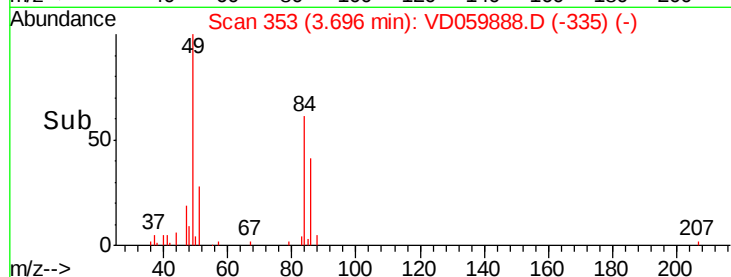
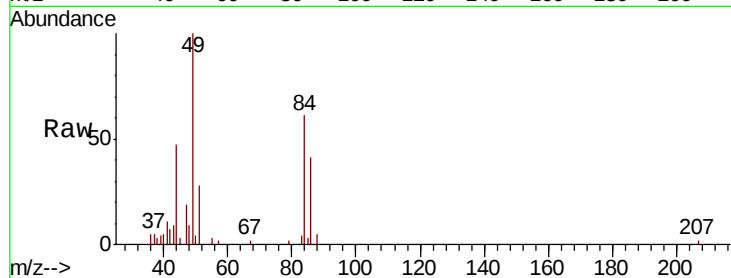




#20
Methvlene Chloride
Concen: 2.54 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

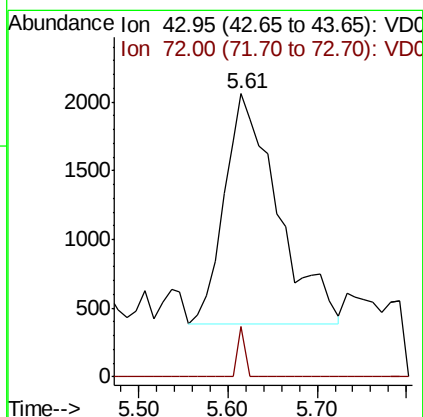
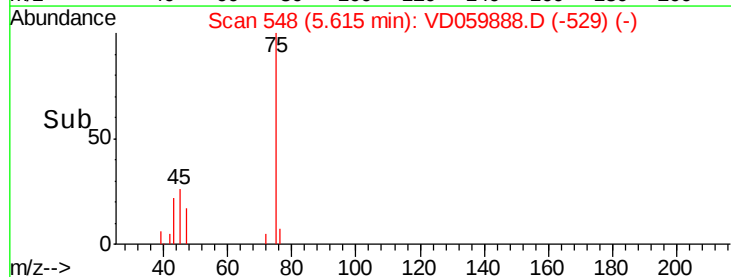
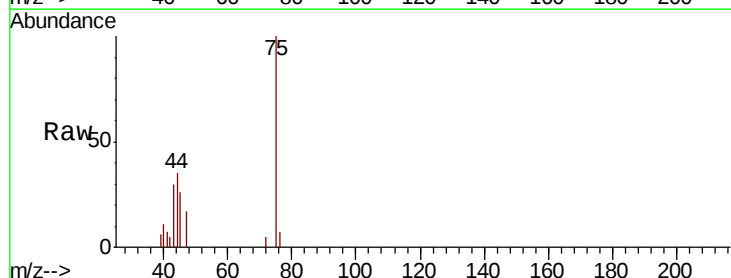
Instrument :
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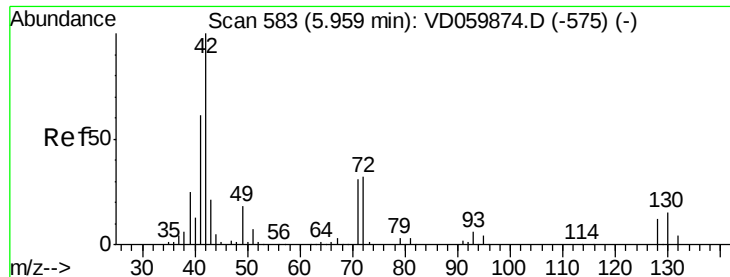
Tot Ion: 84 Resp: 33716
Ion Ratio Lower Upper
84 100
49 163.4 122.6 183.8
51 46.0 38.4 57.6
86 66.5 51.5 77.3



#25
2-Butanone
Concen: 2.83 ug/l
RT: 5.61 min Scan# 548
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 6969
Ion Ratio Lower Upper
43 100
72 17.6 12.3 18.5

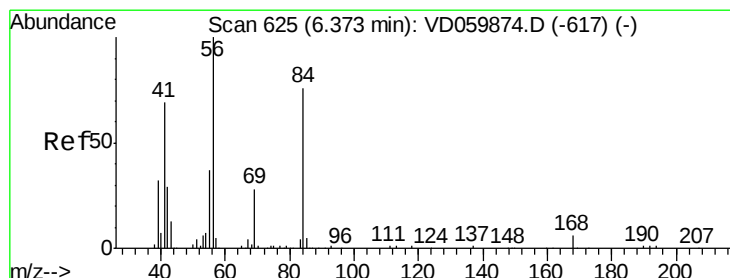
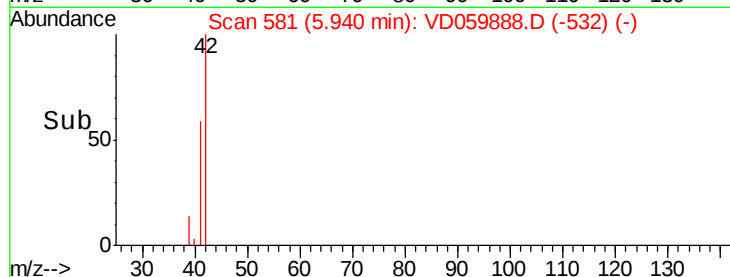
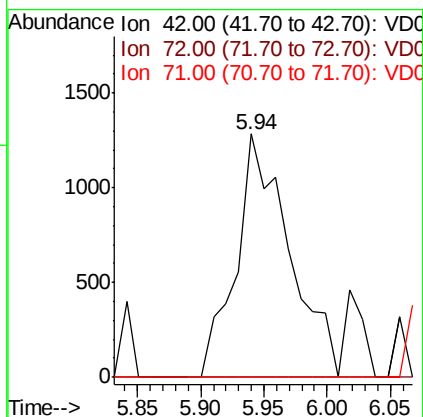
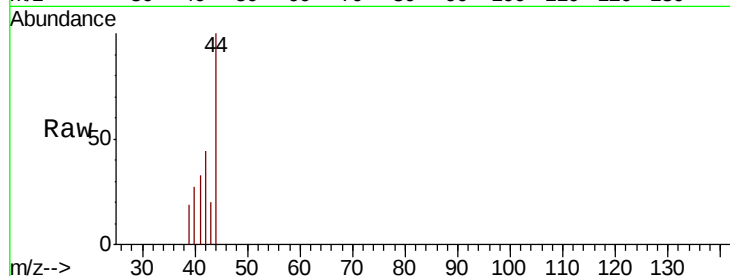




#29
Tetrahydrofuran
Concen: 3.21 ug/l
RT: 5.94 min Scan# 581
Delta R.T. -0.02 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

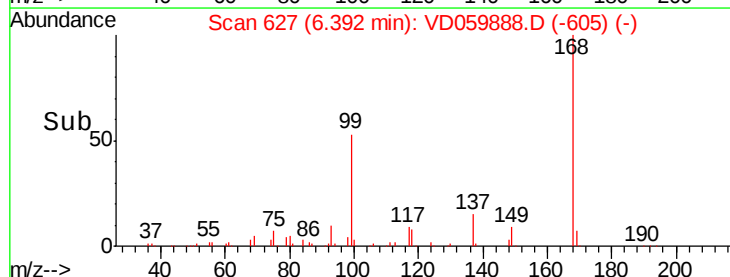
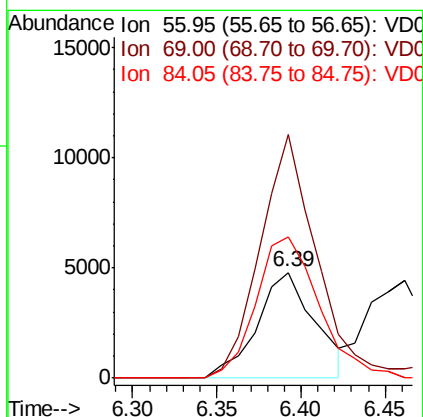
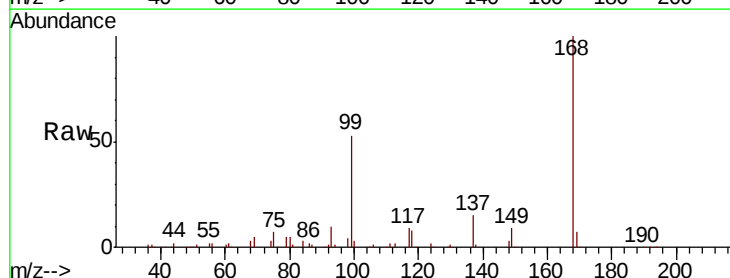
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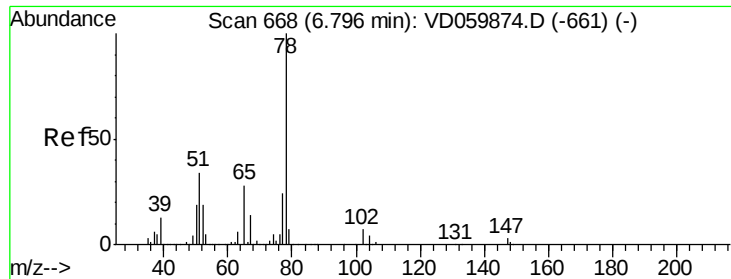
Tot Ion: 42 Resp: 3766
Ion Ratio Lower Upper
42 100
72 0.0 25.7 38.5#
71 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.31 ug/l
RT: 6.39 min Scan# 627
Delta R.T. 0.02 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 56 Resp: 11389
Ion Ratio Lower Upper
56 100
69 230.3 22.4 33.6#
84 133.8 62.1 93.1#

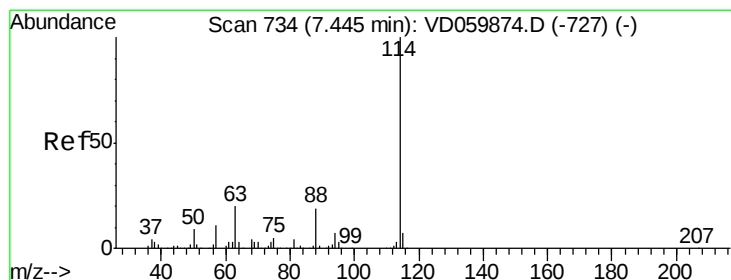
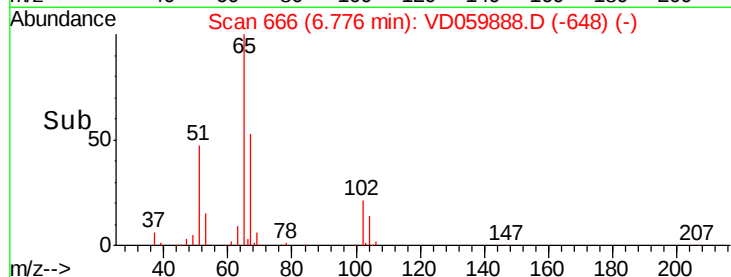
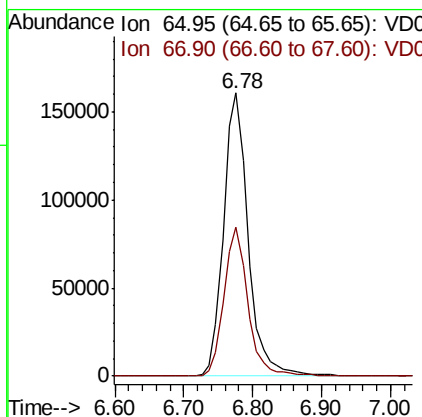
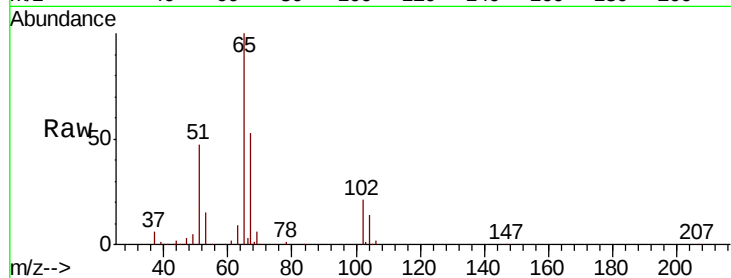




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 666
 Delta R.T. -0.02 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

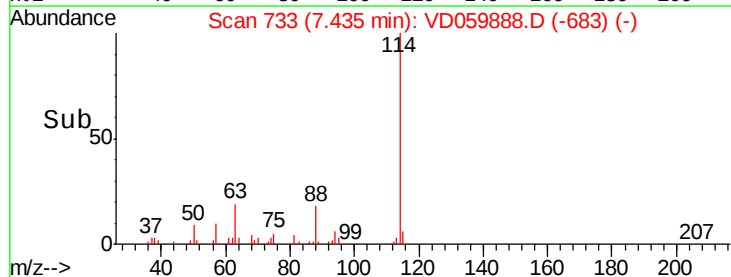
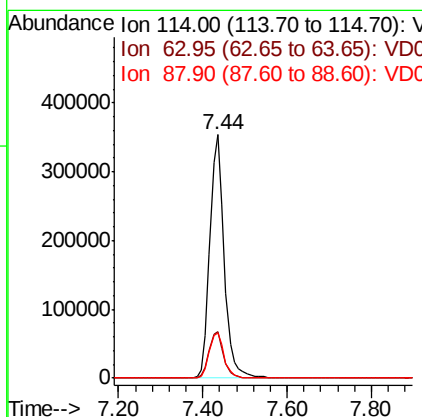
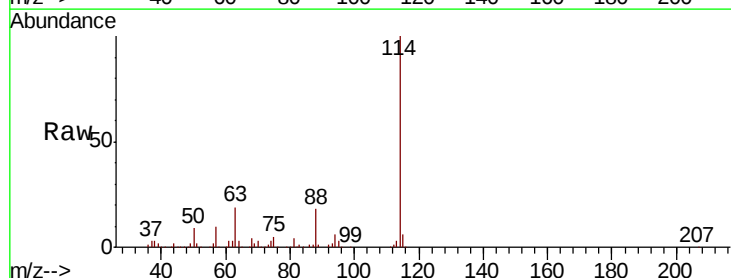
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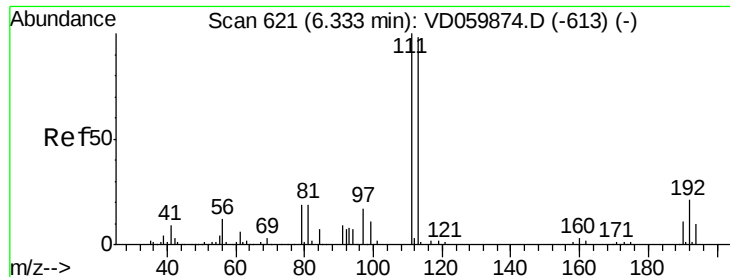
Tot Ion: 65 Resp: 397014
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Tgt Ion: 114 Resp: 840104
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 18.5 0.0 37.6

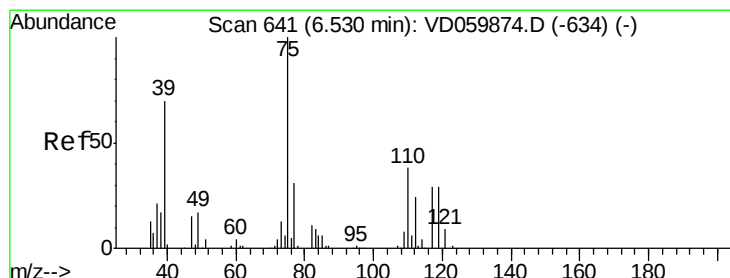
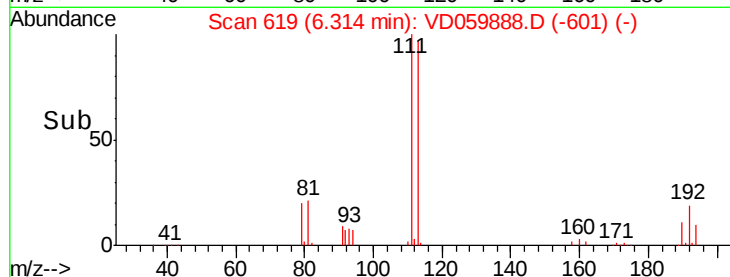
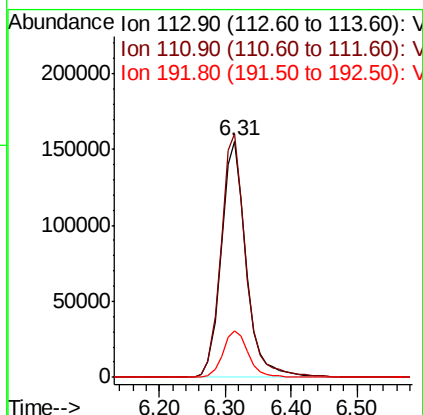
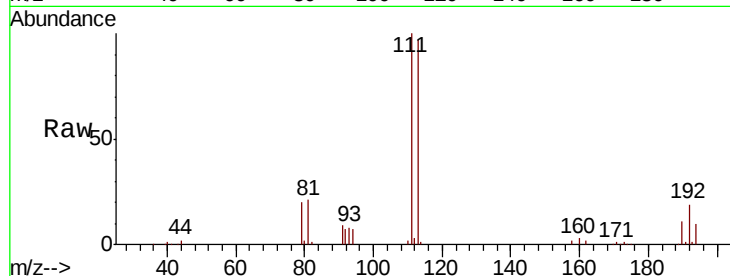




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 619
 Delta R.T. -0.02 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

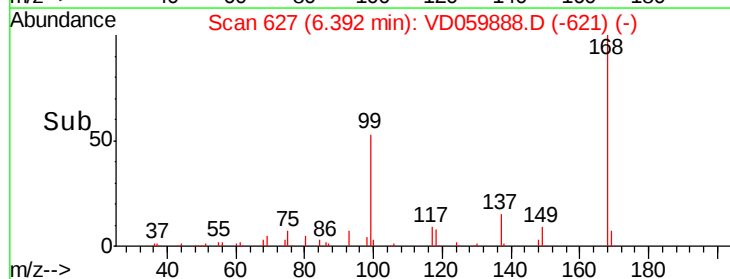
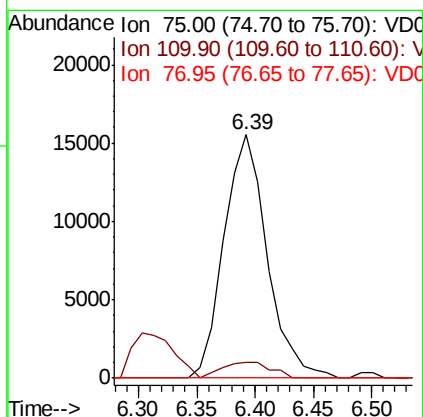
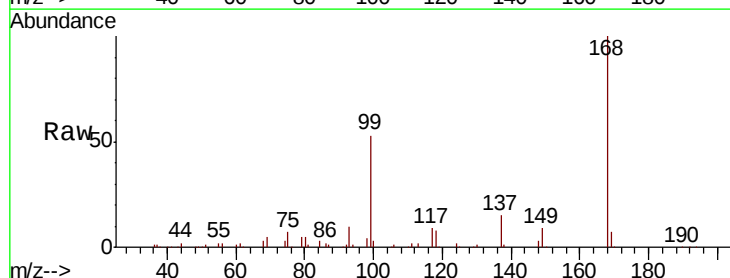
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049RE

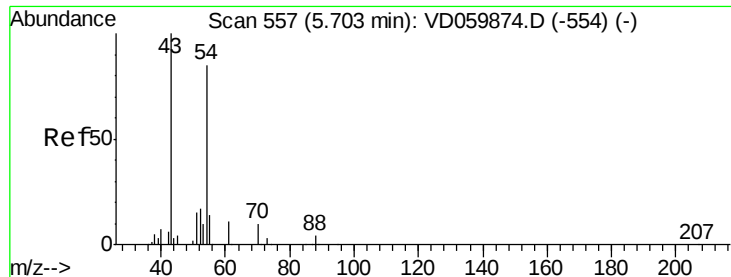
Tot Ion:113 Resp: 410589
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.4 122.2
 192 19.9 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 5.22 ug/l
 RT: 6.39 min Scan# 627
 Delta R.T. -0.14 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Tgt Ion: 75 Resp: 39724
 Ion Ratio Lower Upper
 75 100
 110 6.6 18.6 56.0#
 77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.18 ug/l

RT: 5.61 min Scan# 548

Delta R.T. -0.09 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-049RE

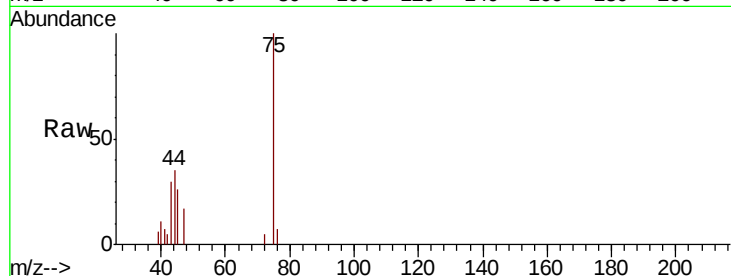
Tot Ion: 43 Resp: 6969

Ion Ratio Lower Upper

43 100

61 0.0 11.0 16.6#

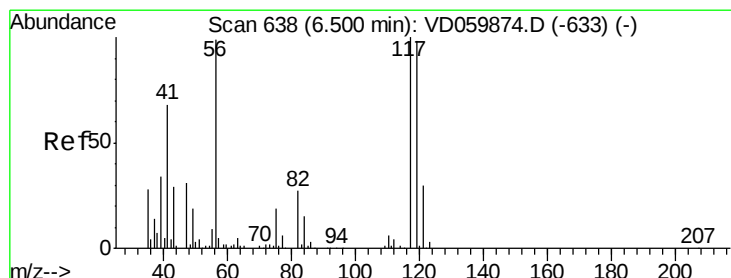
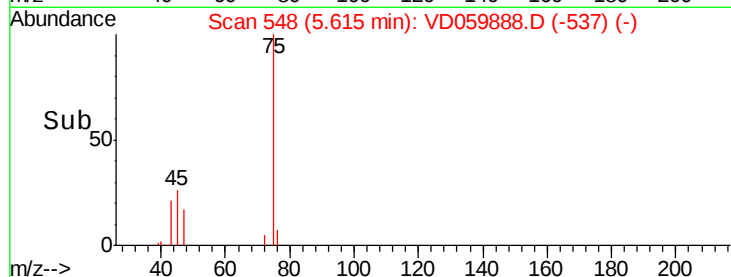
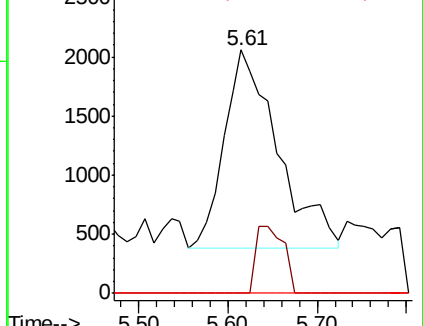
70 0.0 5.7 8.5#



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: 5.91 ug/l

RT: 6.39 min Scan# 627

Delta R.T. -0.11 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

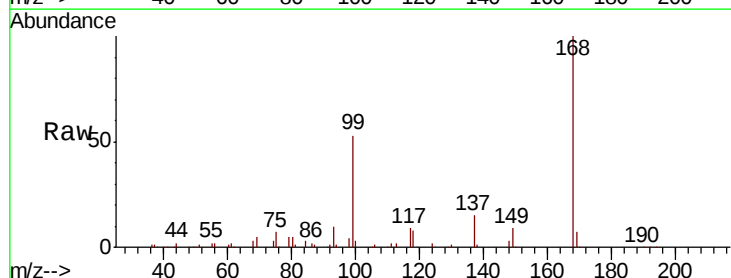
Tgt Ion: 117 Resp: 45439

Ion Ratio Lower Upper

117 100

119 4.1 77.2 115.8#

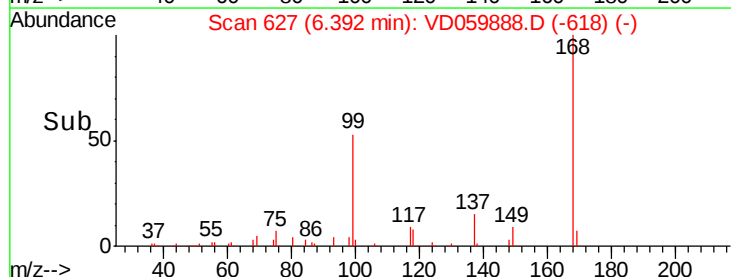
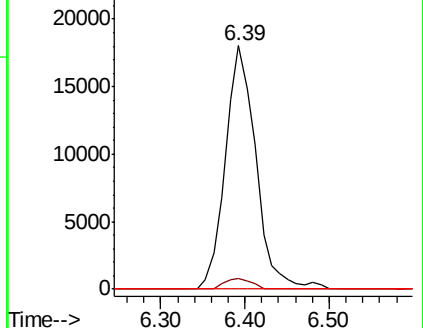
121 0.0 24.0 36.0#

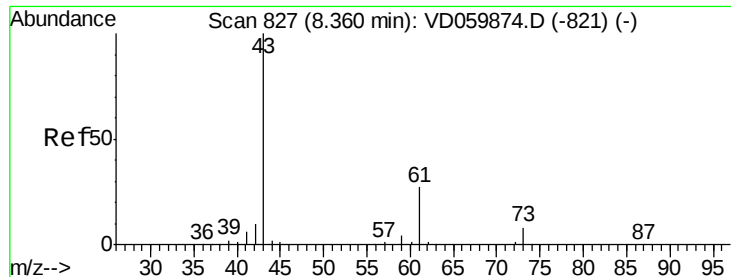


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#43

Isopropyl Acetate

Concen: 1.37 ug/l

RT: 8.40 min Scan# 831

Delta R.T. 0.04 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-049RE

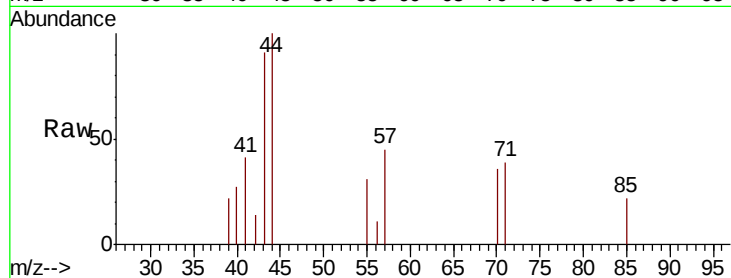
Tot Ion: 43 Resp: 10540

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.2#

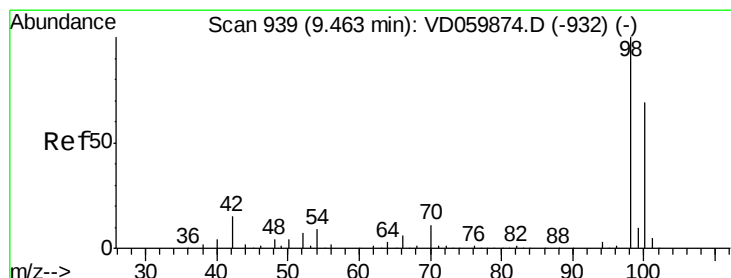
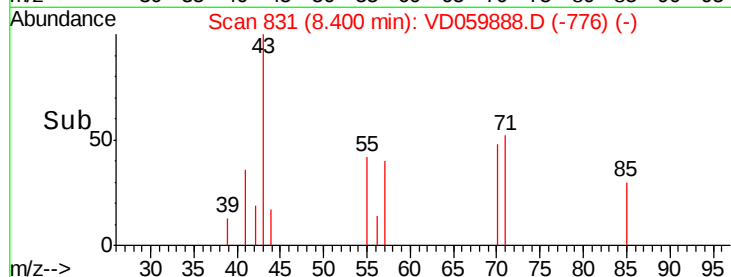
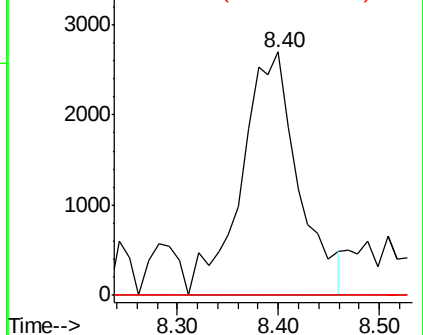
87 0.0 0.2 0.4#



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# 938

Delta R.T. -0.01 min

Lab File: VD059888.D

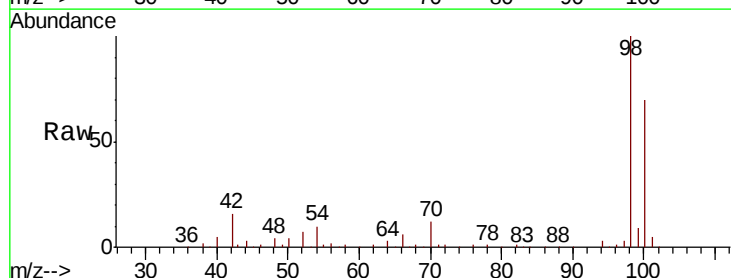
Acq: 23 Aug 2018 15:11

Tgt Ion: 98 Resp: 807626

Ion Ratio Lower Upper

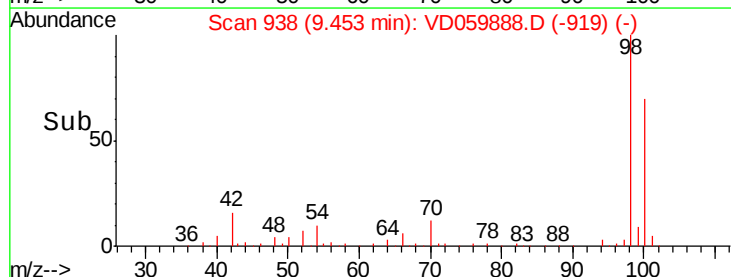
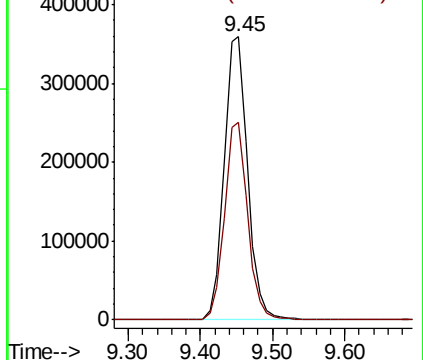
98 100

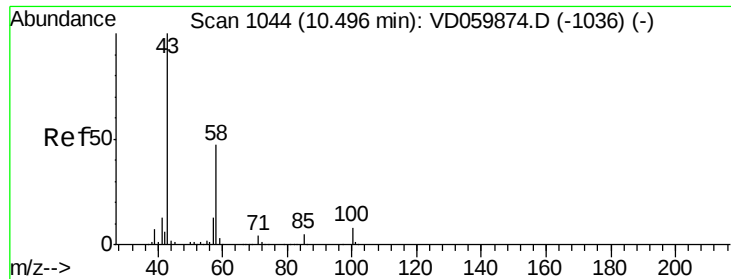
100 70.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

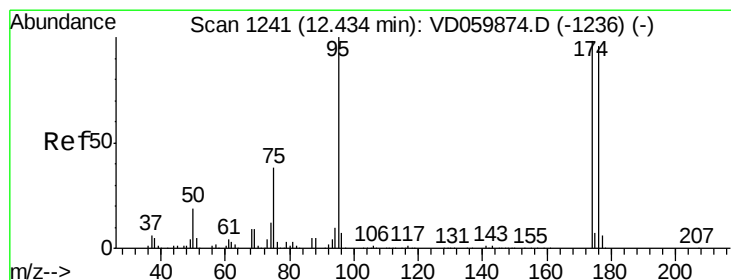
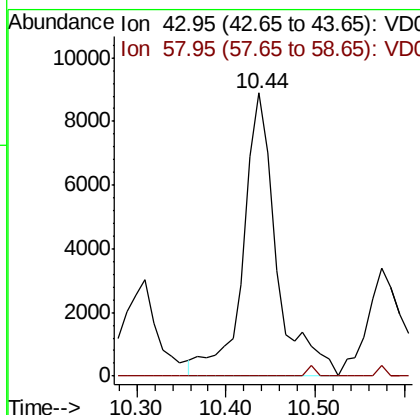
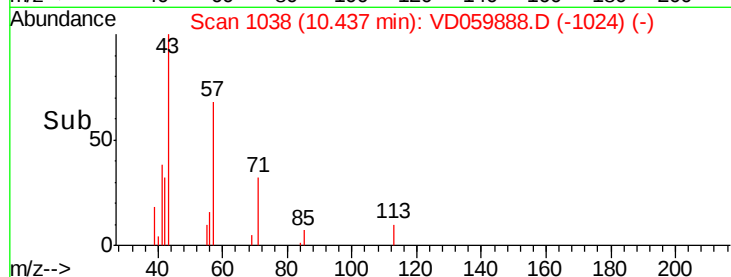
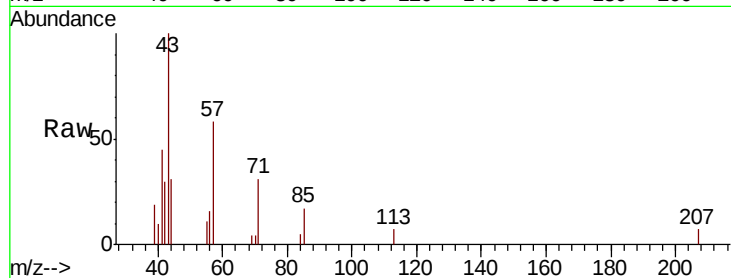




#59
2-Hexanone
Concen: 5.41 ug/l
RT: 10.44 min Scan# 1038
Delta R.T. -0.06 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

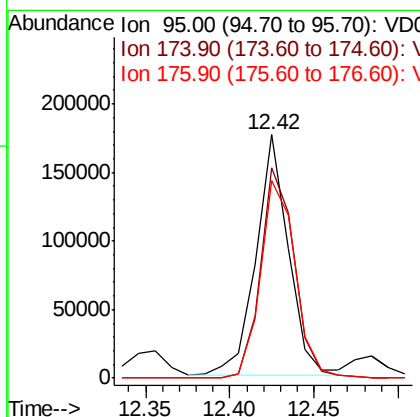
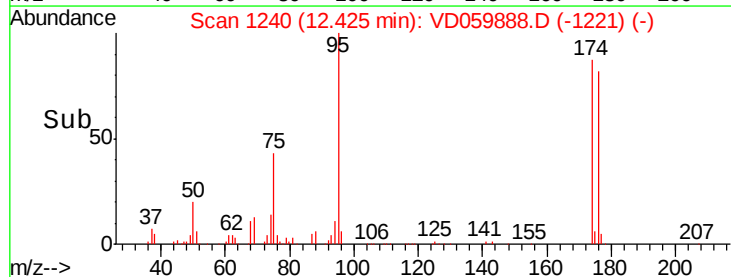
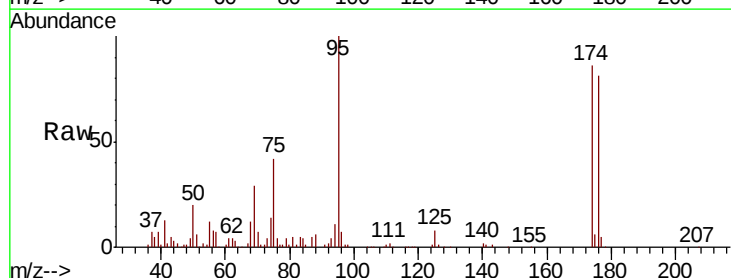
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

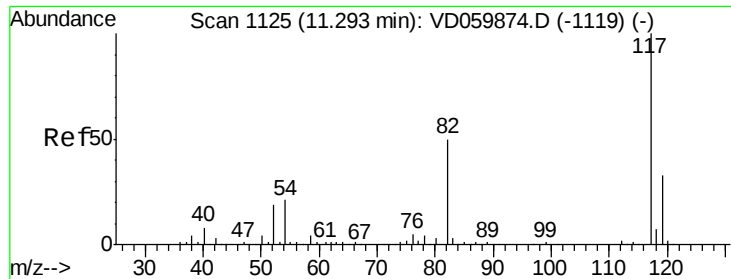
Tot Ion: 43 Resp: 22951
Ion Ratio Lower Upper
43 100
58 0.0 23.3 69.8#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 95 Resp: 236236
Ion Ratio Lower Upper
95 100
174 86.5 0.0 195.6
176 80.9 0.0 191.2

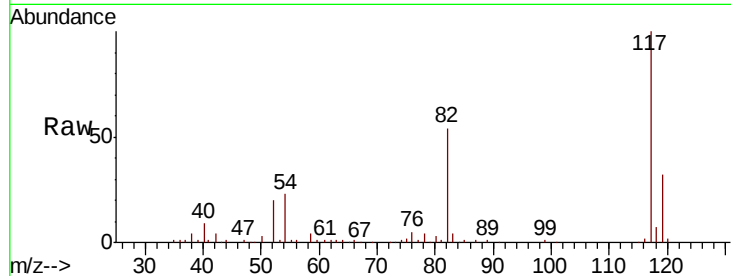




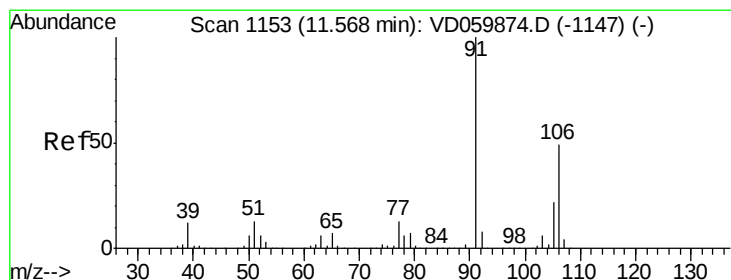
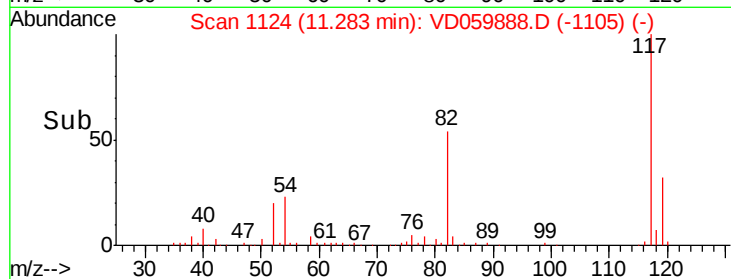
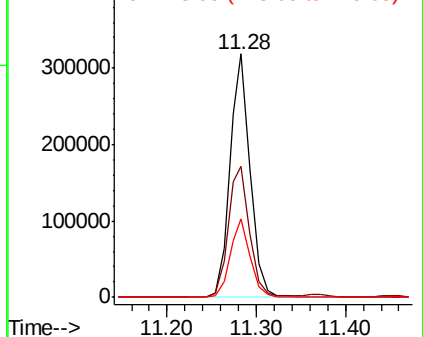
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

Tot Ion:117 Resp: 505454
Ion Ratio Lower Upper
117 100
82 54.0 40.1 60.1
119 32.2 26.7 40.1

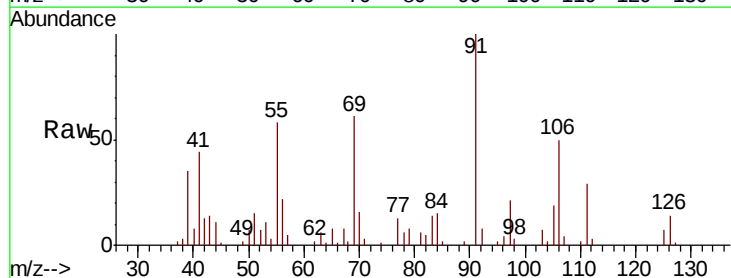


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

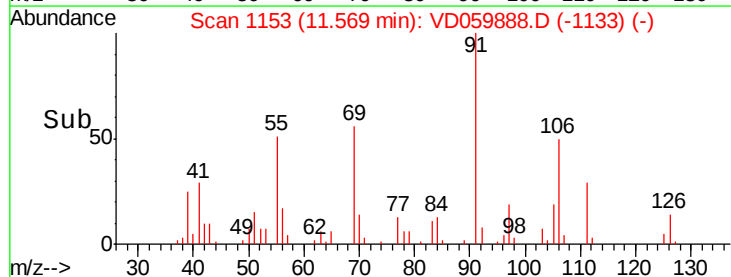
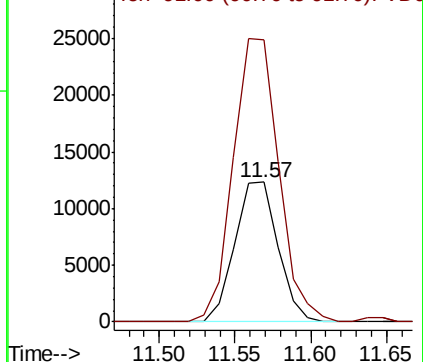


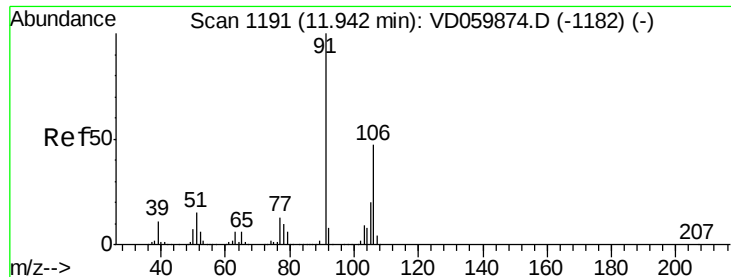
#68
m/p-Xylenes
Concen: 3.99 ug/l
RT: 11.57 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion:106 Resp: 24553
Ion Ratio Lower Upper
106 100
91 202.0 162.0 243.0



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

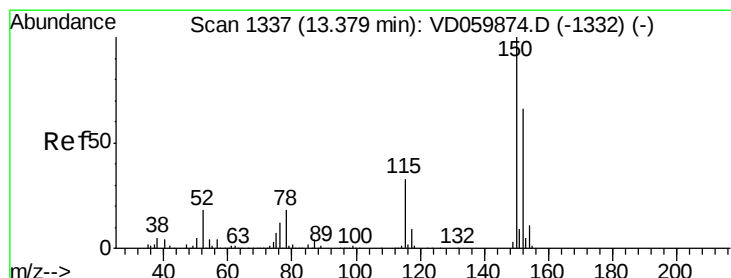
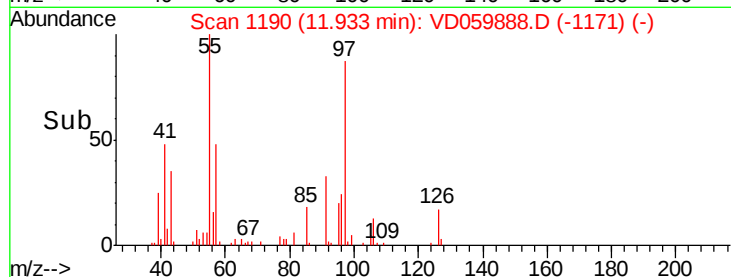
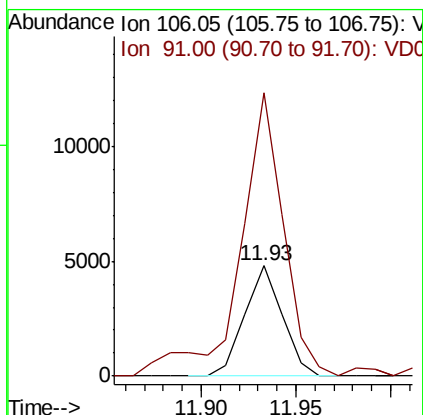
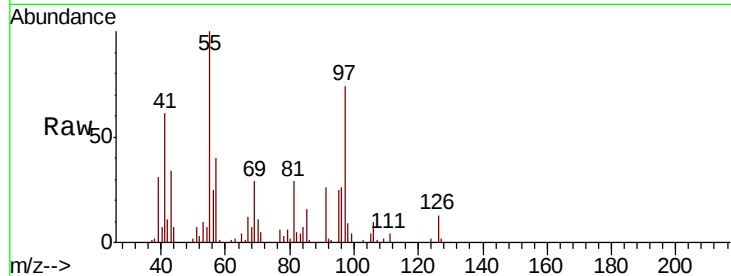




#69
o-Xylene
Concen: 1.10 ug/l
RT: 11.93 min Scan# 1190
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

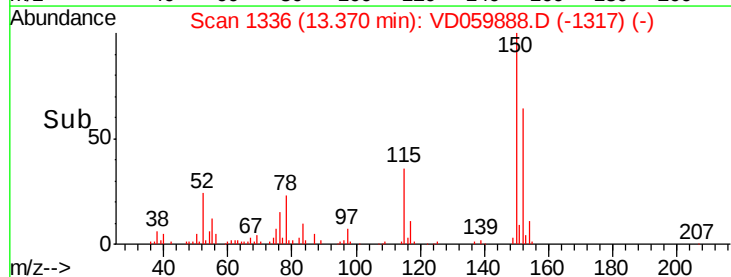
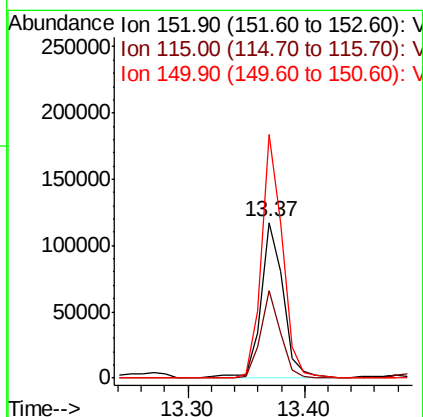
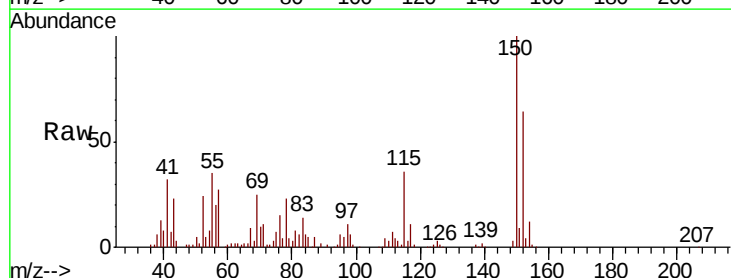
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

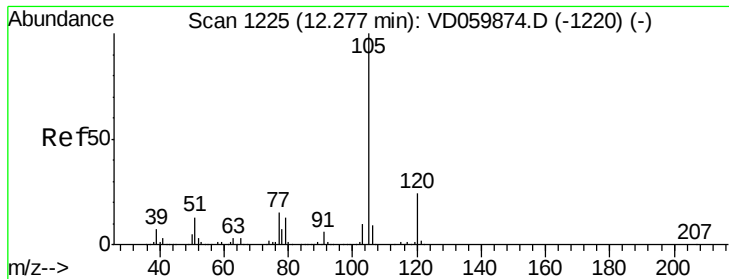
Tot Ion:106 Resp: 6634
Ion Ratio Lower Upper
106 100
91 256.9 107.3 322.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion:152 Resp: 155063
Ion Ratio Lower Upper
152 100
115 56.1 25.7 77.0
150 156.2 0.0 310.2





#73

Isopropylbenzene

Concen: 6.58 ug/l

RT: 12.28 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

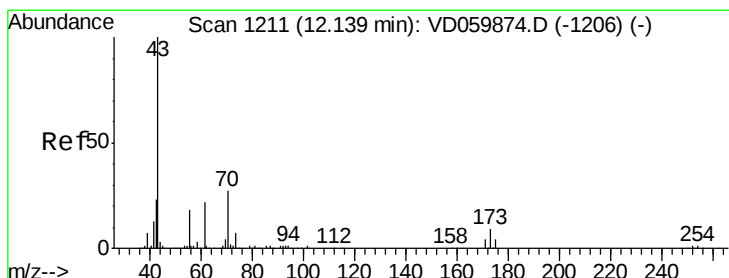
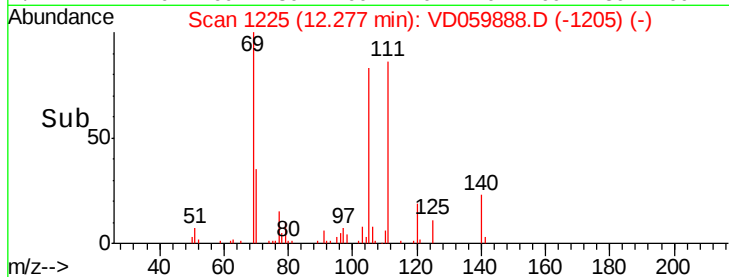
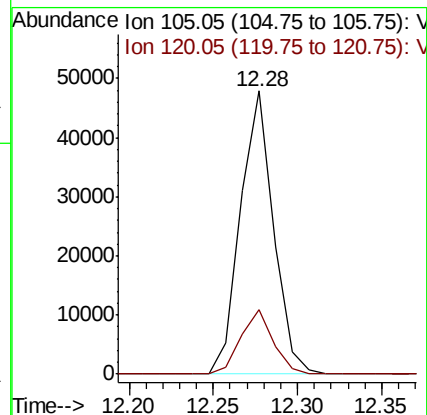
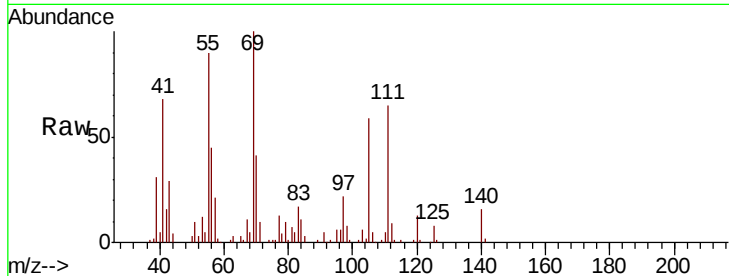
RA-081718-WSW-20-049RE

Tot Ion:105 Resp: 65088

Ion Ratio Lower Upper

105 100

120 22.8 11.8 35.4



#74

N-ethyl acetate

Concen: 67.35 ug/l

RT: 12.09 min Scan# 1206

Delta R.T. -0.05 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Tgt Ion: 43 Resp: 291897

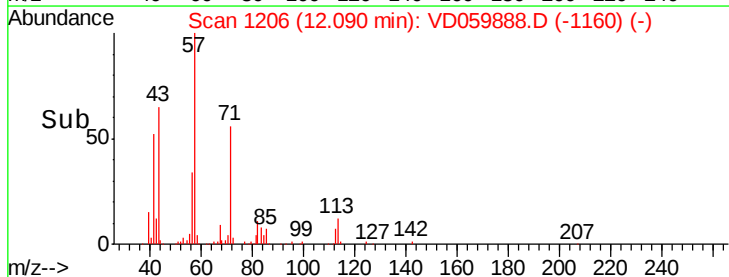
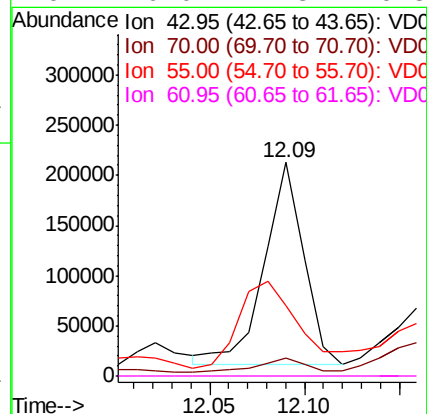
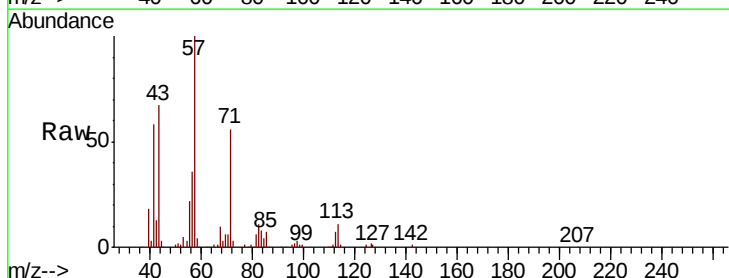
Ion Ratio Lower Upper

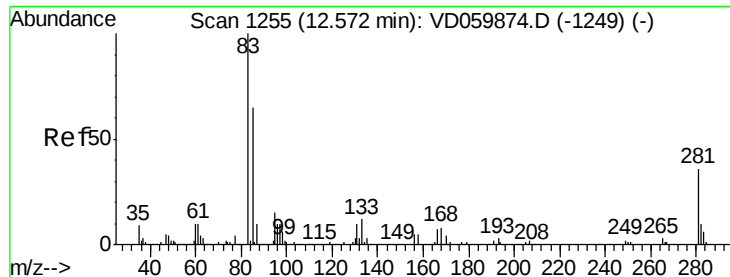
43 100

70 8.5 21.4 32.2#

55 32.9 14.1 21.1#

61 0.0 17.8 26.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.22 ug/l

RT: 12.58 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-WSW-20-049RE

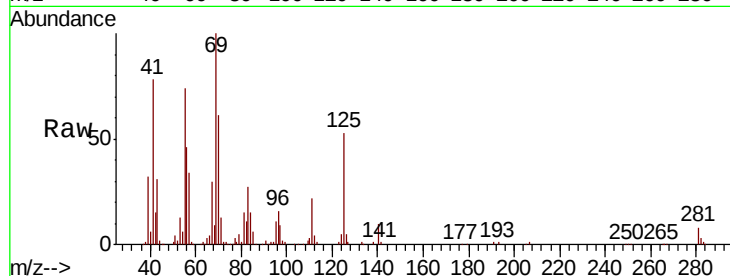
Tot Ion: 83 Resp: 121846

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

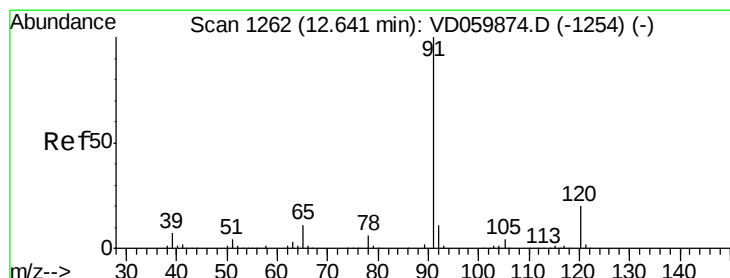
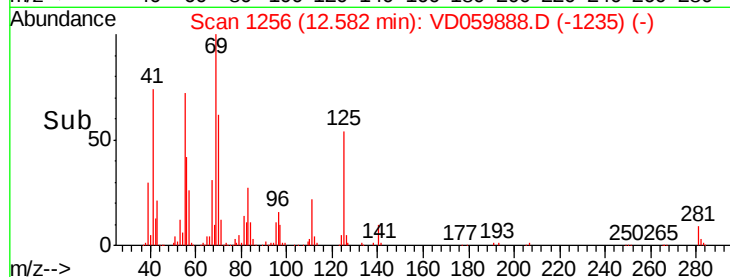
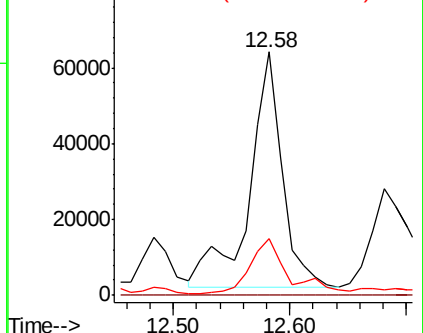
85 23.3 32.6 97.8#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 2.15 ug/l

RT: 12.63 min Scan# 1261

Delta R.T. -0.01 min

Lab File: VD059888.D

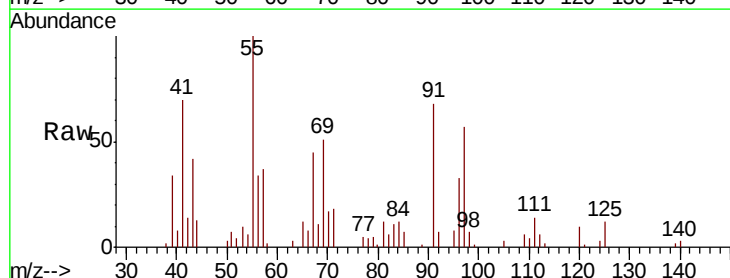
Acq: 23 Aug 2018 15:11

Tgt Ion: 91 Resp: 26952

Ion Ratio Lower Upper

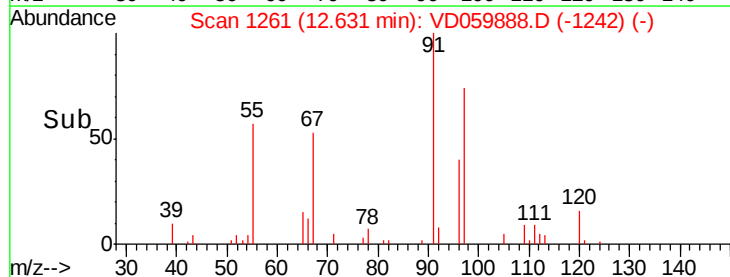
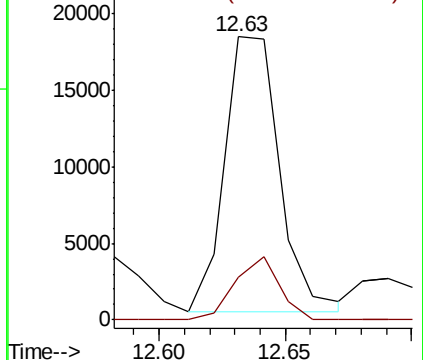
91 100

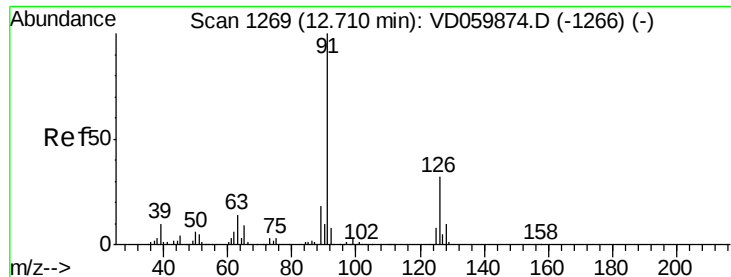
120 15.3 10.1 30.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC

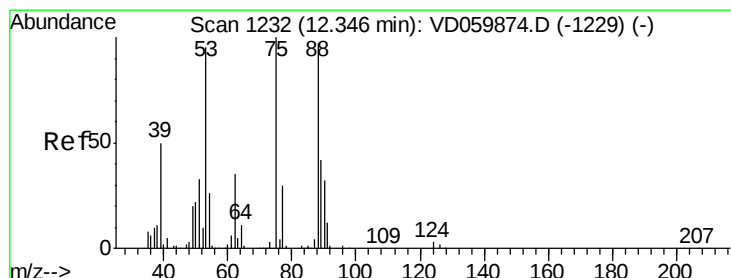
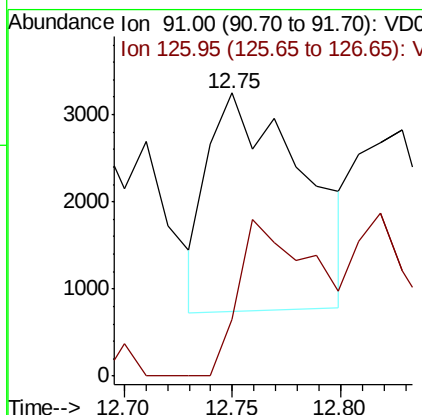
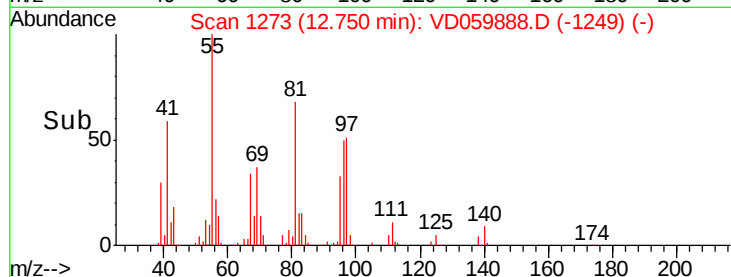
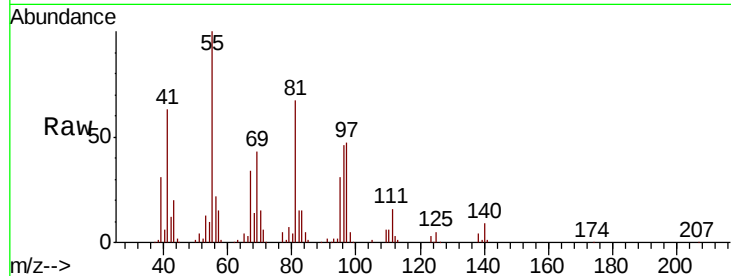




#79
2-Chlorotoluene
Concen: 1.07 ug/l
RT: 12.75 min Scan# 1273
Delta R.T. 0.04 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

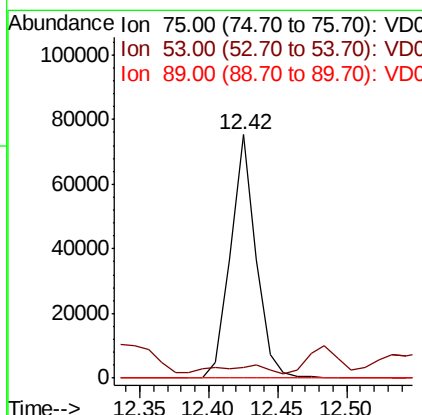
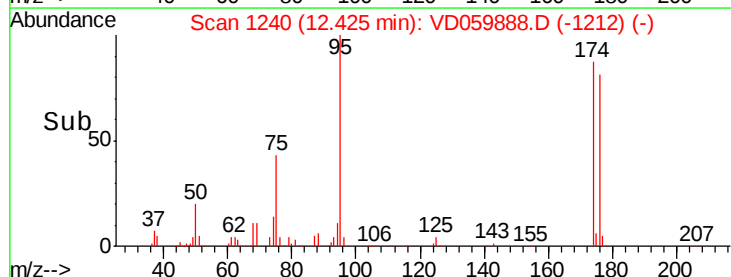
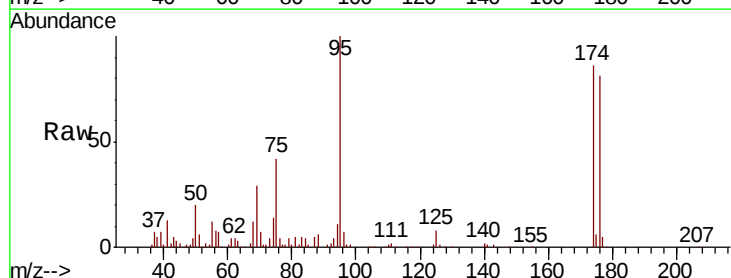
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

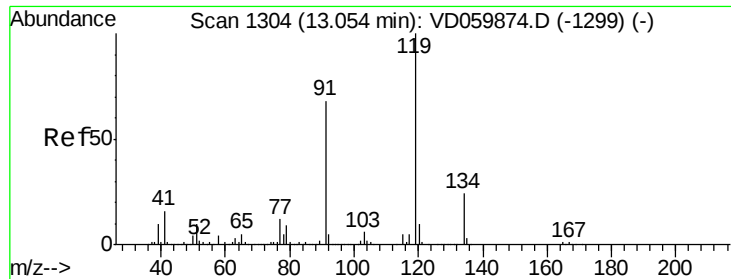
Tot Ion: 91 Resp: 7605
Ion Ratio Lower Upper
91 100
126 20.3 16.1 48.2



#81
trans-1,4-Dichloro-2-butene
Concen: 128.90 ug/l
RT: 12.42 min Scan# 1240
Delta R.T. 0.08 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 75 Resp: 96631
Ion Ratio Lower Upper
75 100
53 4.5 75.8 113.6#
89 0.0 33.6 50.4#





#83

tert-Butylbenzene

Concen: 1.06 ug/l

RT: 13.04 min Scan# 1303

Delta R.T. -0.01 min

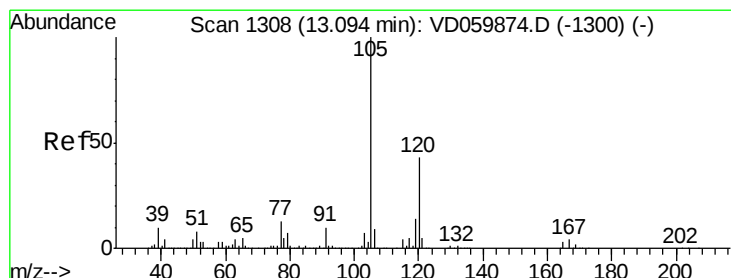
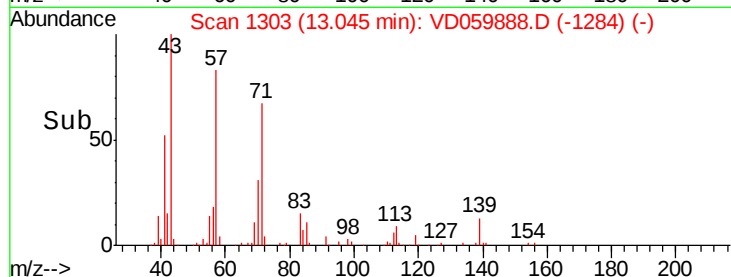
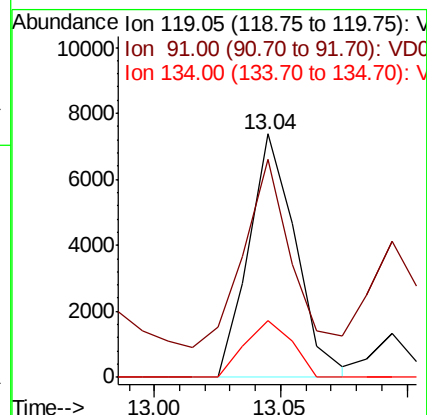
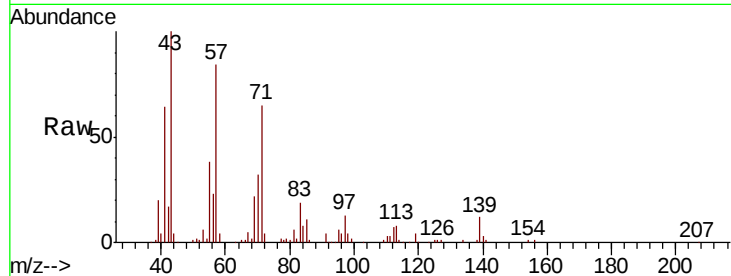
Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

Tot Ion:119 Resp: 9543

Ion	Ratio	Lower	Upper
119	100		
91	89.4	34.3	102.9
134	23.3	11.9	35.9



#84

1,2,4-Trimethylbenzene

Concen: 1.78 ug/l

RT: 13.09 min Scan# 1308

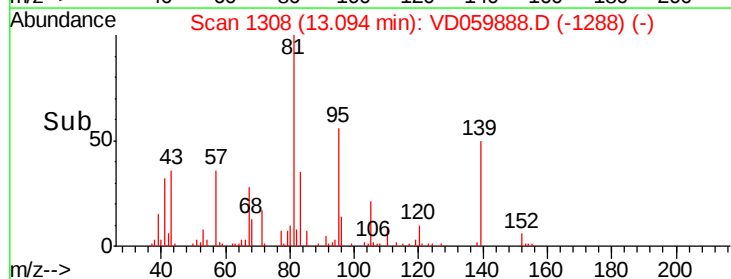
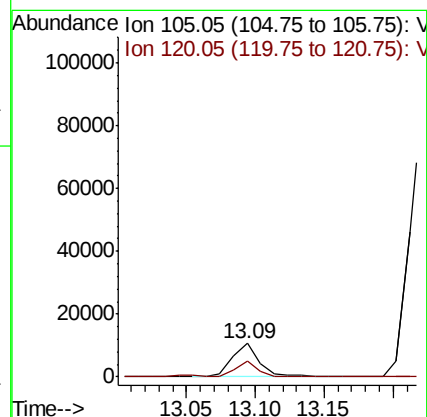
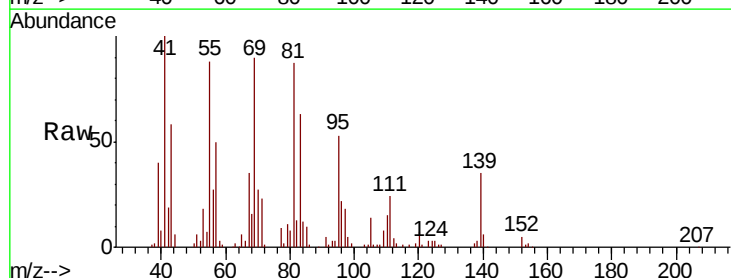
Delta R.T. 0.00 min

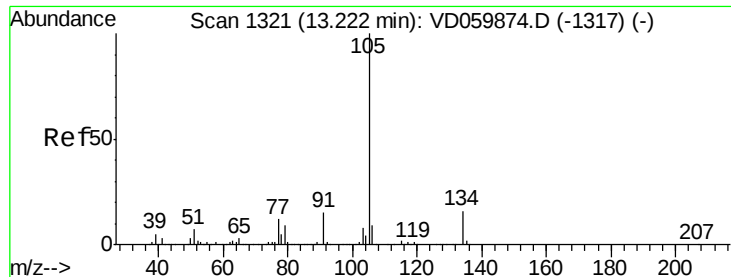
Lab File: VD059888.D

Acq: 23 Aug 2018 15:11

Tgt Ion:105 Resp: 14568

Ion	Ratio	Lower	Upper
105	100		
120	46.2	21.8	65.3

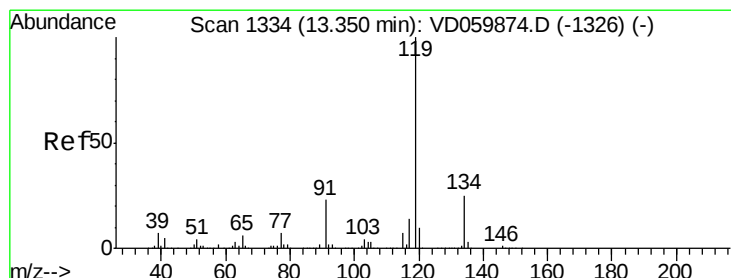
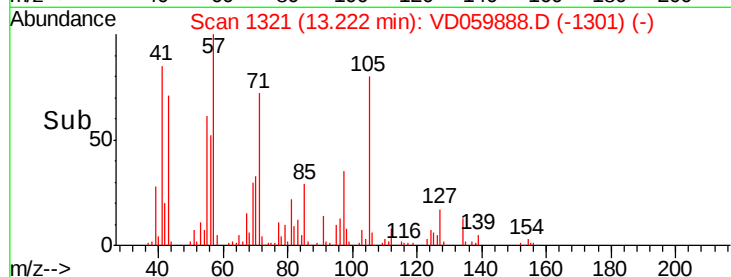
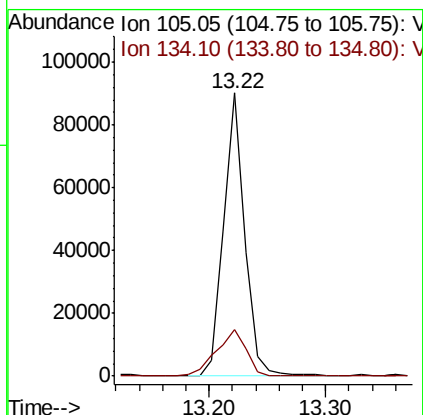
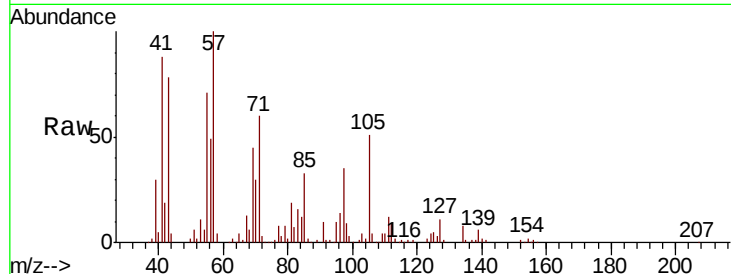




#85
 sec-Butylbenzene
 Concen: 10.71 ug/l
 RT: 13.22 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

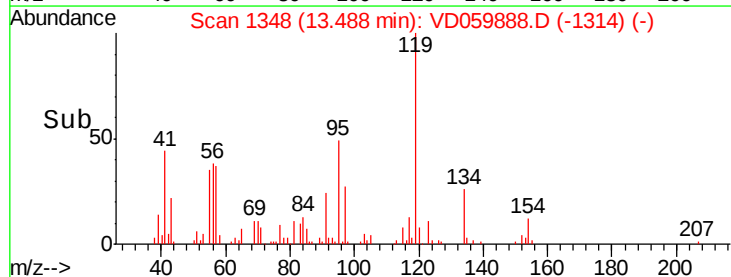
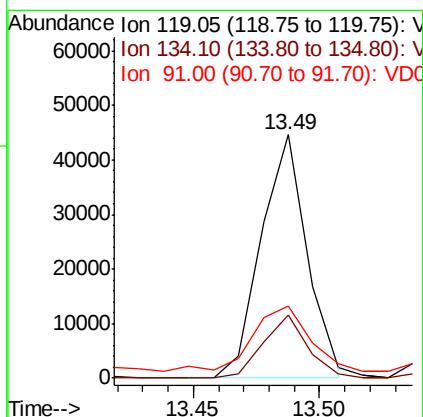
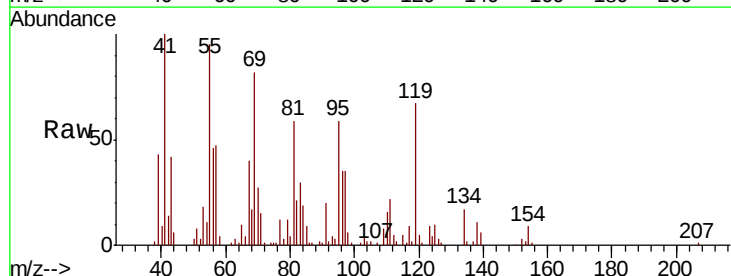
Instrument :
 MSVOA_D
 ClientSampleID :
 RA-081718-WSW-20-049RE

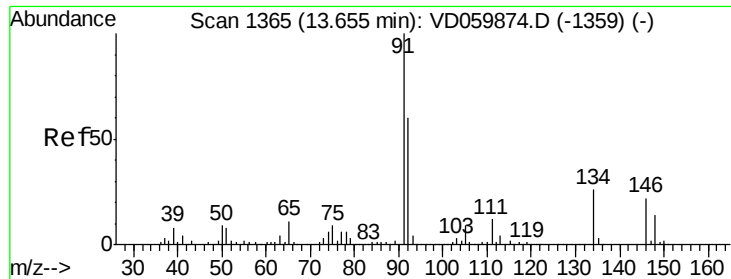
Tot Ion:105 Resp: 112945
 Ion Ratio Lower Upper
 105 100
 134 16.3 8.2 24.4



#86
 p-Isopropyltoluene
 Concen: 6.61 ug/l
 RT: 13.49 min Scan# 1348
 Delta R.T. 0.14 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Tgt Ion:119 Resp: 56708
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 29.5 11.7 35.0

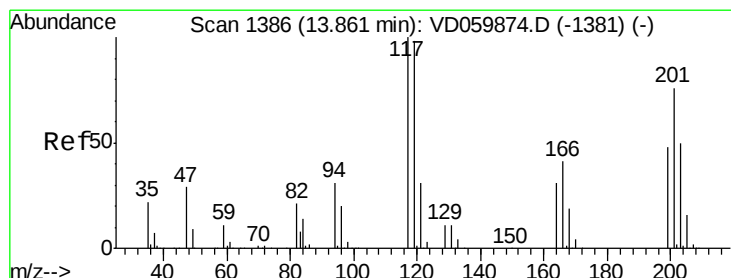
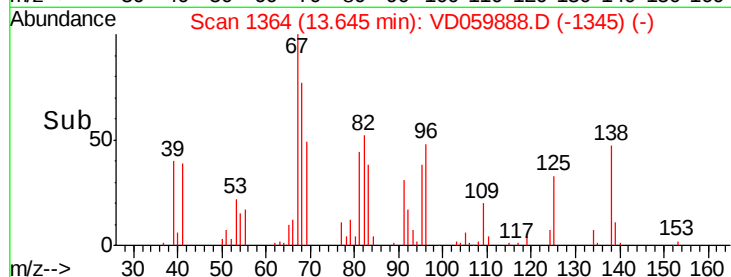
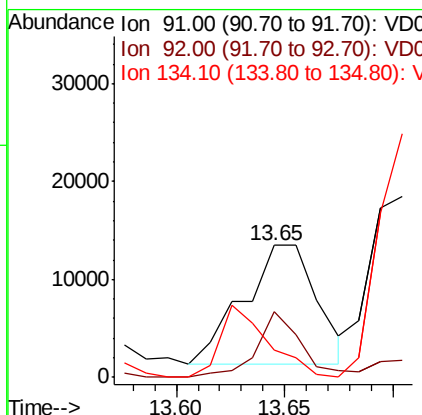
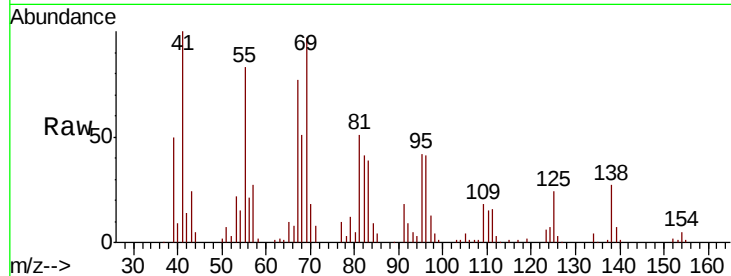




#89
n-Butylbenzene
Concen: 2.10 ug/l
RT: 13.65 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

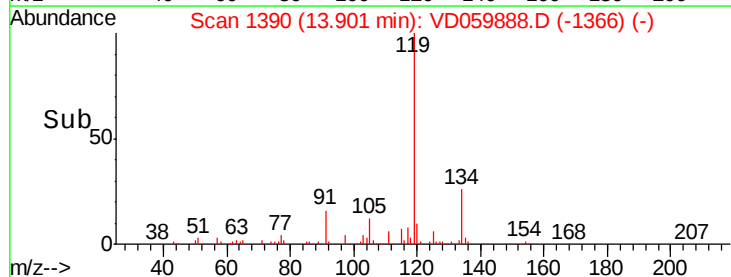
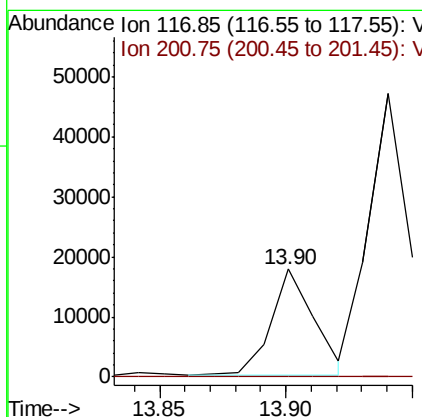
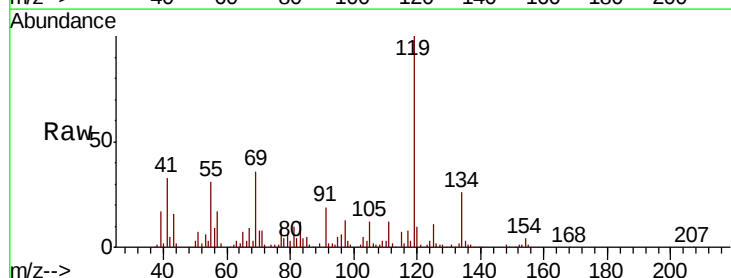
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-WSW-20-049RE

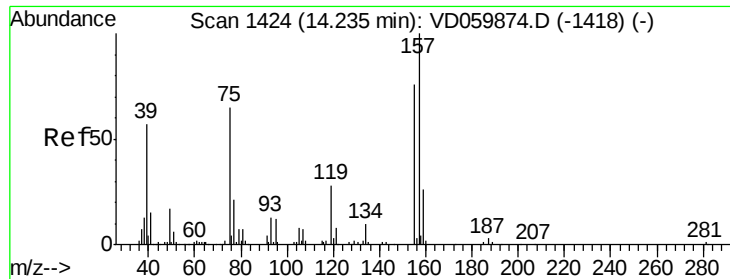
Tot Ion: 91 Resp: 28755
Ion Ratio Lower Upper
91 100
92 49.6 30.0 90.1
134 21.0 12.8 38.4



#90
Hexachloroethane
Concen: 8.97 ug/l
RT: 13.90 min Scan# 1390
Delta R.T. 0.04 min
Lab File: VD059888.D
Acq: 23 Aug 2018 15:11

Tgt Ion: 117 Resp: 20658
Ion Ratio Lower Upper
117 100
201 0.0 38.1 114.5#

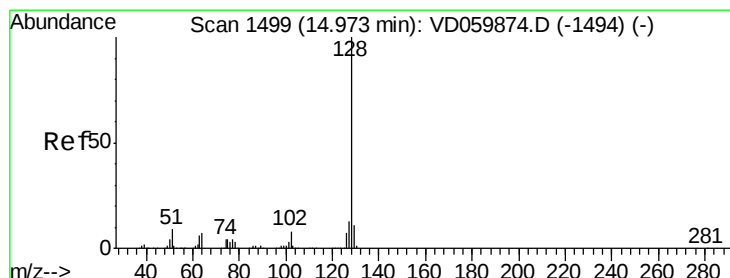
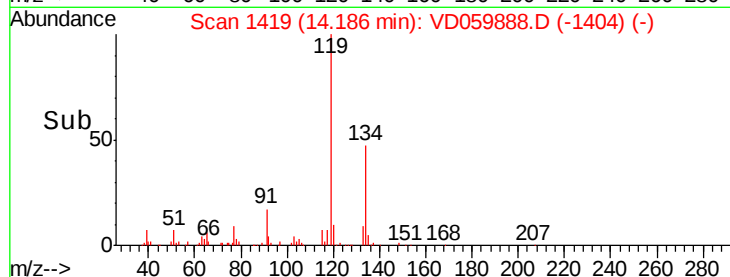
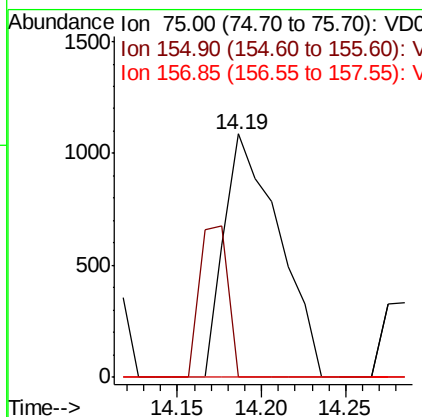
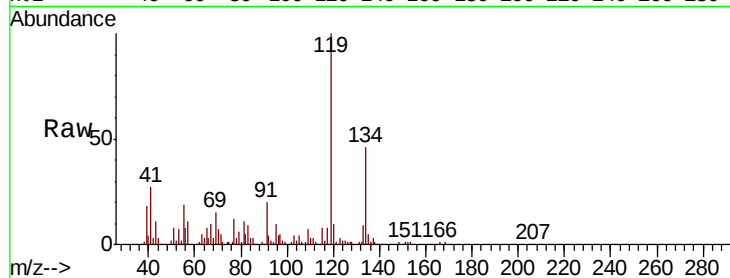




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 7.00 ug/l
 RT: 14.19 min Scan# 1419
 Delta R.T. -0.05 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-WSW-20-049RE

Tot Ion: 75 Resp: 2465
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 174.6#
 157 0.0 76.8 230.4#



#95
 Naphthalene
 Concen: 1.48 ug/l
 RT: 14.96 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: VD059888.D
 Acq: 23 Aug 2018 15:11

Tgt Ion: 128 Resp: 8092
 Ion Ratio Lower Upper
 128 100
 127 14.9 10.0 15.0
 129 17.3 8.6 13.0#

