

Data File : VD059868.D
Acq On : 21 Aug 2018 21:05
Operator : JC/SY
Sample : J4559-07
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Aug 22 01:14:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082018S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 21 04:40:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.61	168	382317	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.65	114	642423	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	373337	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	99025	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.98	65	268749	87.83	ug/l	0.01
Spiked Amount	50.000		Recovery	=	175.66%	
35) Dibromofluoromethane	5.51	113	310532	65.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	130.70%	
50) Toluene-d8	8.68	98	522283	40.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.52%	
62) 4-Bromofluorobenzene	11.91	95	157059	31.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	63.88%	

Target Compounds					Qvalue	
13) Acrolein	2.30	56	615	6.359	ug/l	86
16) Acetone	2.58	43	14693	28.650	ug/l	96
18) Methyl Acetate	2.90	43	1882	Below Cal	#	65
25) 2-Butanone	4.80	43	12507	8.068	ug/l	93
29) Tetrahydrofuran	5.15	42	3612	4.602	ug/l #	59
31) Cyclohexane	5.55	56	2610	Below Cal	#	48
36) 1,1-Dichloropropene	5.60	75	27296	5.010	ug/l #	44
37) Ethyl Acetate	4.80	43	12507	3.097	ug/l #	92
38) Carbon Tetrachloride	5.60	117	29650	5.453	ug/l #	16
39) Methylcyclohexane	7.25	83	7408	1.271	ug/l	98
41) Methacrylonitrile	5.15	41	3081	1.489	ug/l #	61
43) Isopropyl Acetate	7.62	43	7989	1.430	ug/l #	49
51) 4-Methyl-2-Pentanone	8.57	43	13283	3.557	ug/l #	79
55) 1,1,2-Trichloroethane	9.35	97	4669	1.449	ug/l #	15
59) 2-Hexanone	9.71	43	32764	11.869	ug/l #	35
67) Ethyl Benzene	10.83	91	146406	11.030	ug/l	97
68) m/p-Xylenes	10.98	106	262242	56.693	ug/l	97
69) o-Xylene	11.38	106	26189	6.277	ug/l	92
73) Isopropylbenzene	11.75	105	50449	7.476	ug/l	96
74) N-amyl acetate	11.57	43	65038	21.523	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.06	83	33254	20.906	ug/l #	39
76) 1,2,3-Trichloropropane	11.91	75	49830	30.416	ug/l #	47
78) n-propylbenzene	12.13	91	14491	1.729	ug/l	87
80) 1,3,5-Trimethylbenzene	12.30	105	23246	3.377	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.91	75	59224	115.642	ug/l #	12
82) 4-Chlorotoluene	12.25	91	1300	Below Cal		83
84) 1,2,4-Trimethylbenzene	12.60	105	62542	11.263	ug/l	96
85) sec-Butylbenzene	12.74	105	41506	5.879	ug/l	97
86) p-Isopropyltoluene	12.87	119	17259	3.116	ug/l	91
89) n-Butylbenzene	13.18	91	29403	2.814	ug/l	91
90) Hexachloroethane	13.38	117	4273	2.704	ug/l #	5
91) 1,2-Dichlorobenzene	13.18	146	915	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	13.76	75	462	1.951	ug/l #	1
95) Naphthalene	14.49	128	26489	7.152	ug/l #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD082118\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

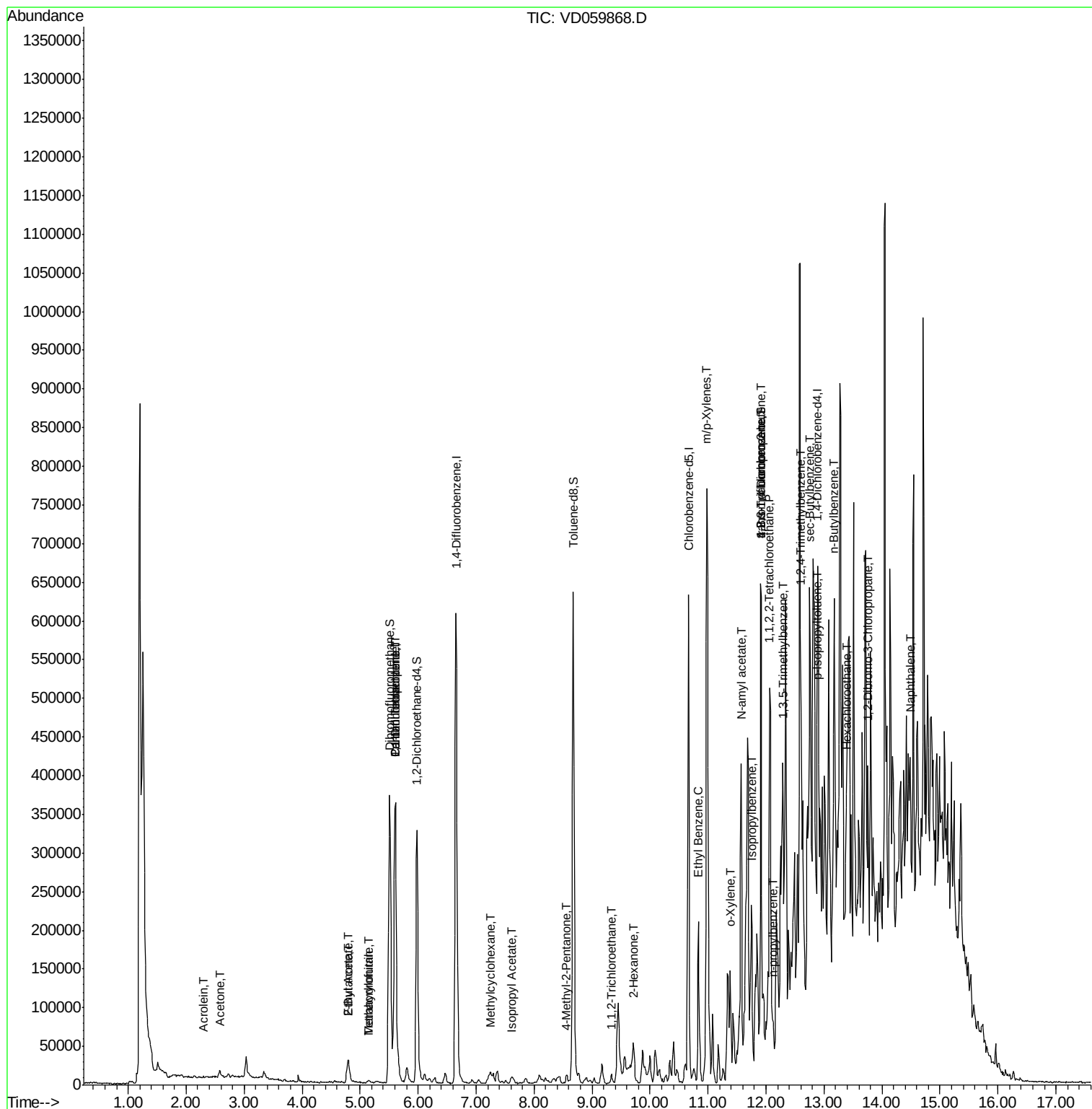
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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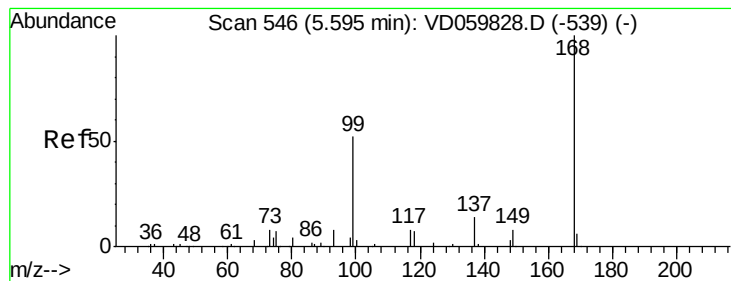
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 547

Delta R.T. 0.01 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

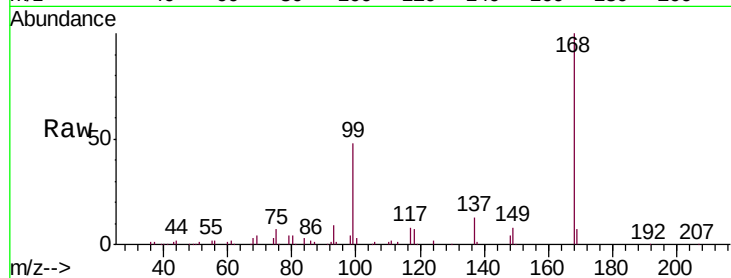
RA-081718-SSW-125-051

Tgt Ion:168 Resp: 382317

Ion Ratio Lower Upper

168 100

99 48.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.61

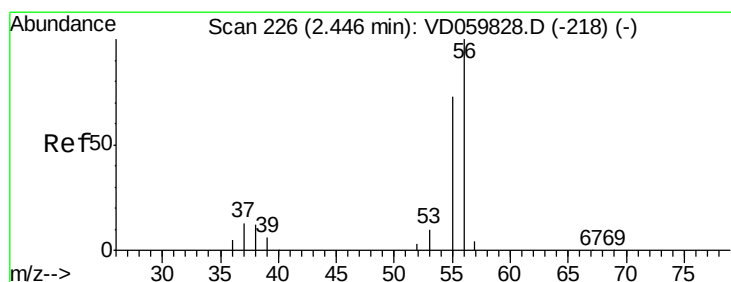
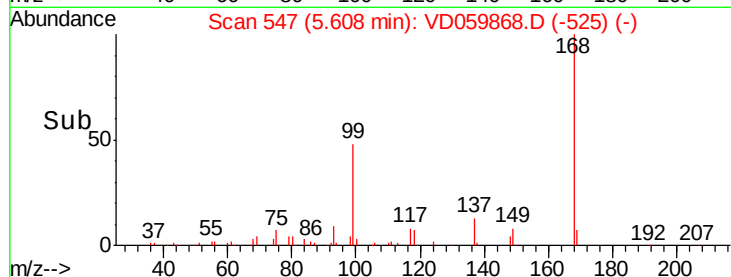
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 6.359 ug/l

RT: 2.30 min Scan# 211

Delta R.T. -0.14 min

Lab File: VD059868.D

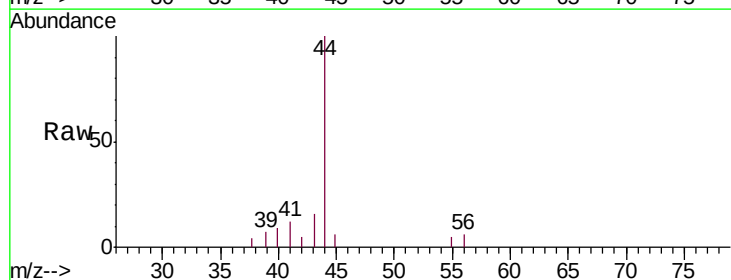
Acq: 21 Aug 2018 21:05

Tgt Ion: 56 Resp: 615

Ion Ratio Lower Upper

56 100

55 87.4 60.4 90.6



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.30

600

500

400

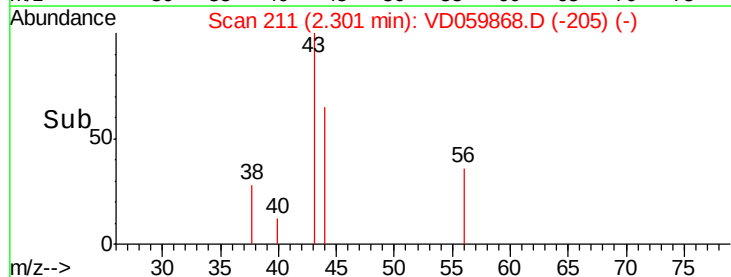
300

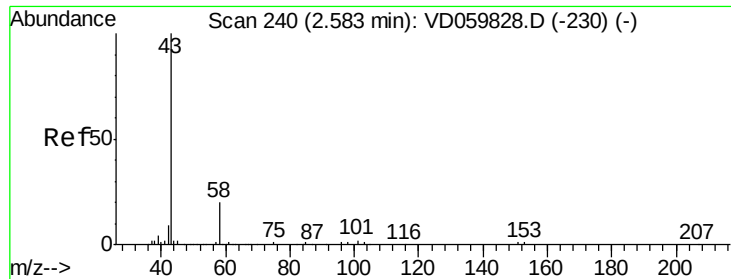
200

100

0

Time-->





#16

Acetone

Concen: 28.650 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.01 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

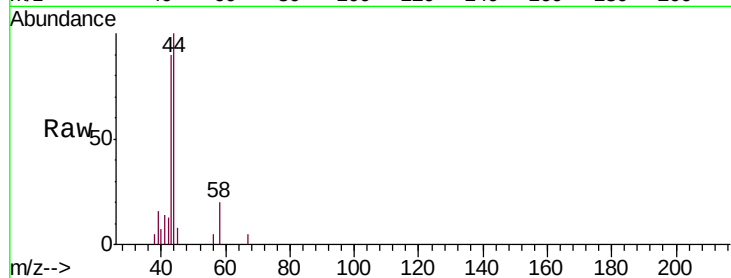
RA-081718-SSW-125-051

Tgt Ion: 43 Resp: 14693

Ion Ratio Lower Upper

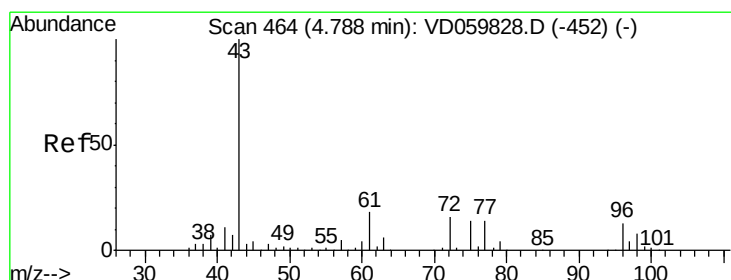
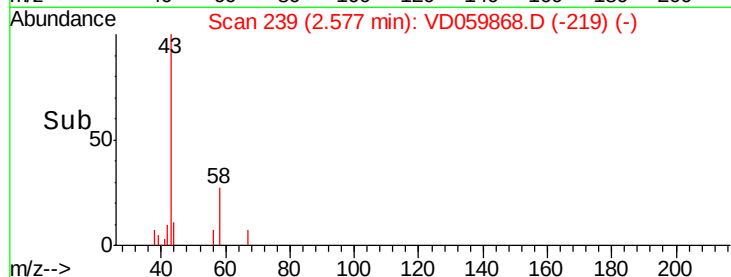
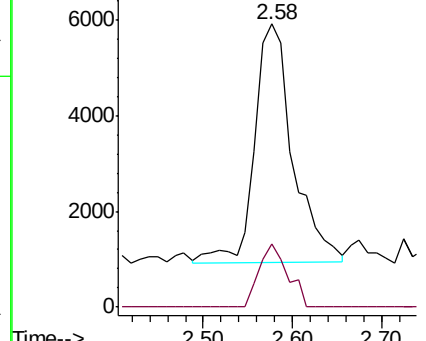
43 100

58 22.1 16.2 24.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#25

2-Butanone

Concen: 8.068 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.01 min

Lab File: VD059868.D

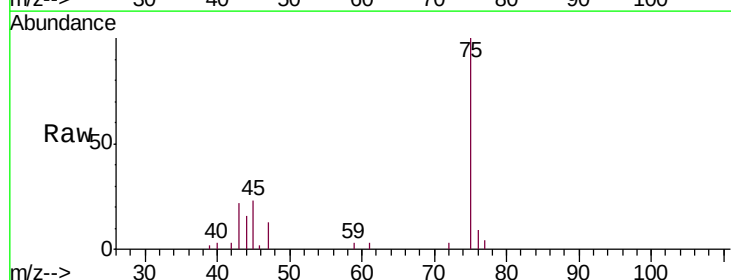
Acq: 21 Aug 2018 21:05

Tgt Ion: 43 Resp: 12507

Ion Ratio Lower Upper

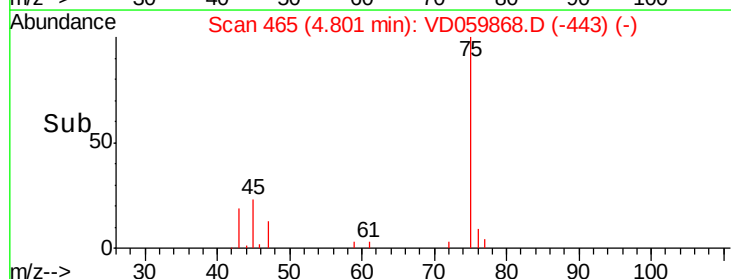
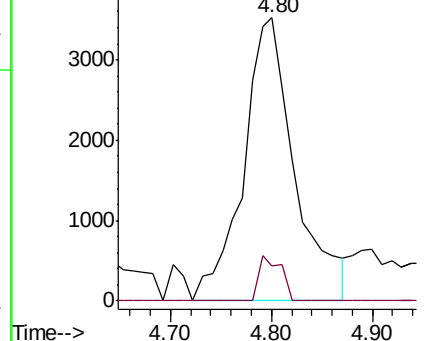
43 100

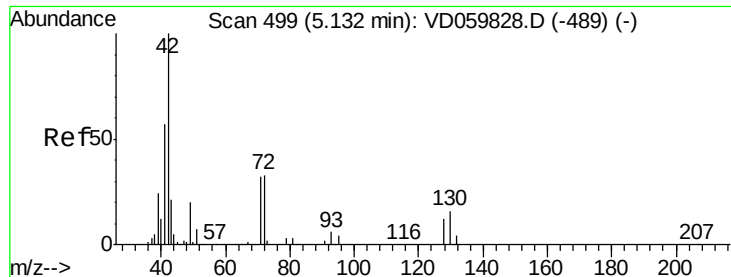
72 12.5 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

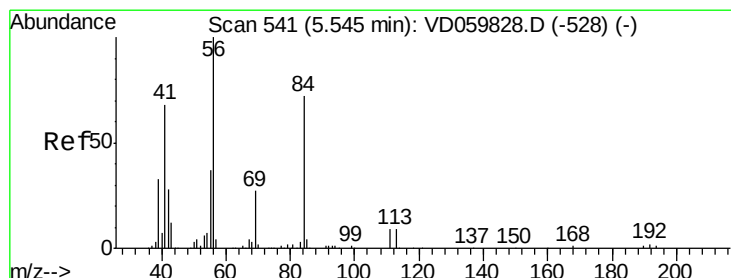
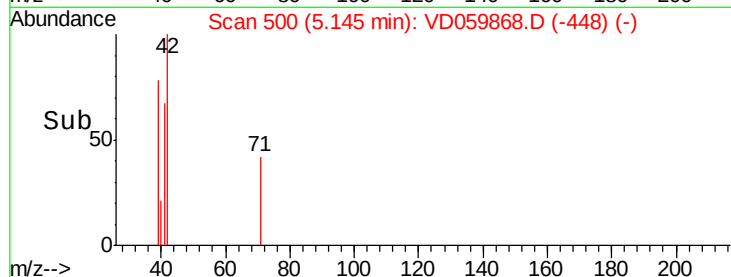
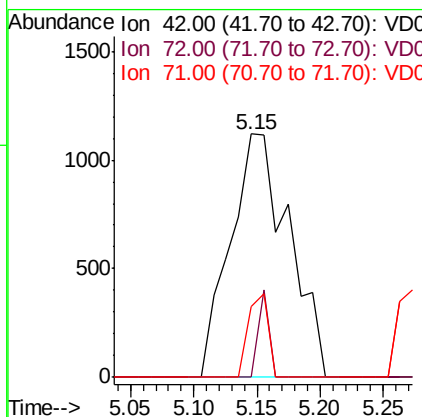
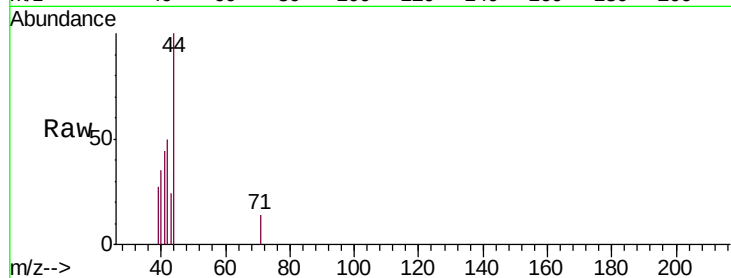




#29
Tetrahydrofuran
Concen: 4.602 ug/l
RT: 5.15 min Scan# 500
Delta R.T. 0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

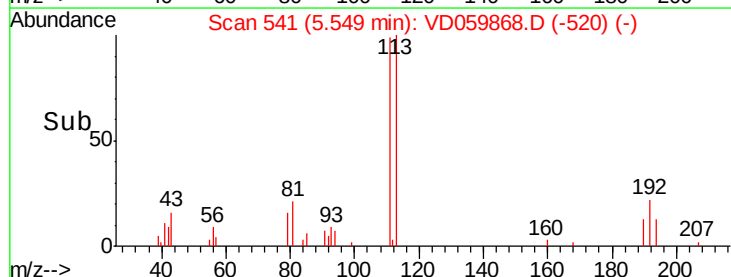
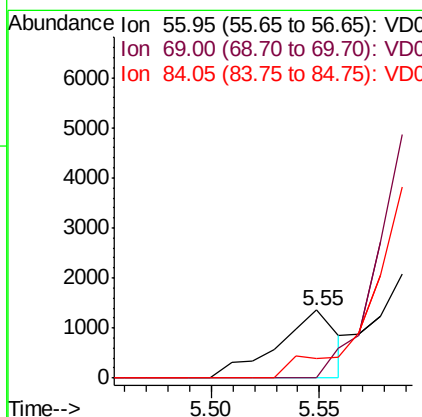
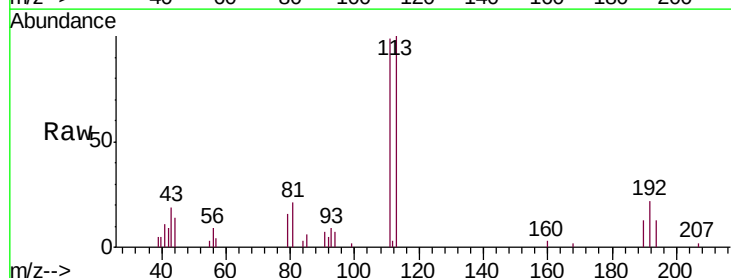
Instrument :
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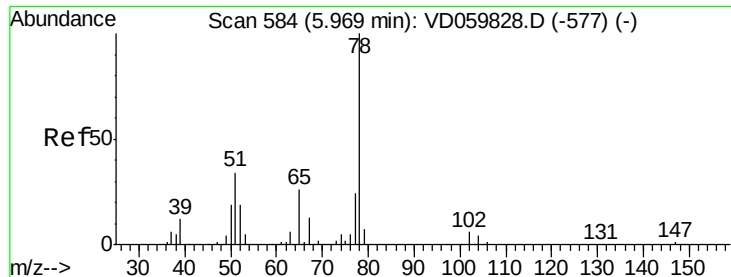
Tgt Ion: 42 Resp: 3612
Ion Ratio Lower Upper
42 100
72 6.6 25.8 38.6#
71 11.6 25.7 38.5#



#31
Cyclohexane
Concen: Below Cal
RT: 5.55 min Scan# 541
Delta R.T. 0.00 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 0.0 21.7 32.5#
84 29.0 57.8 86.6#

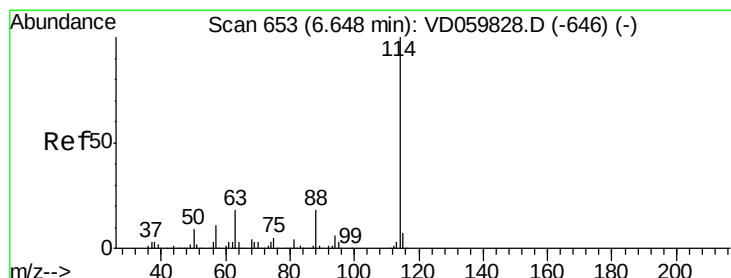
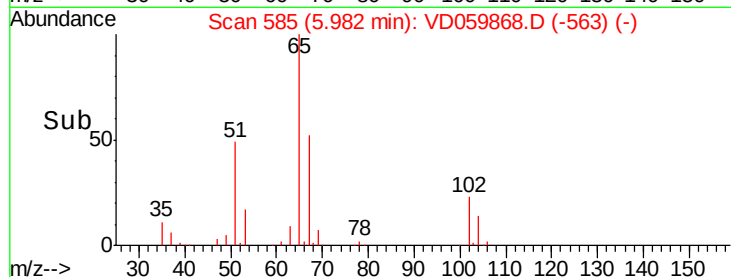
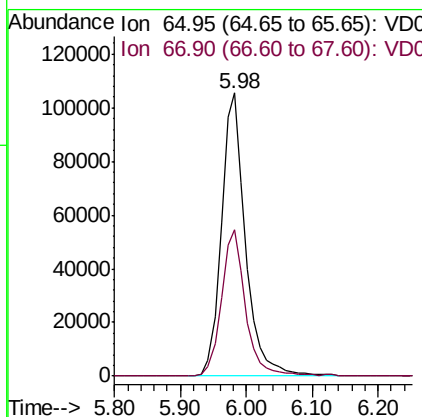
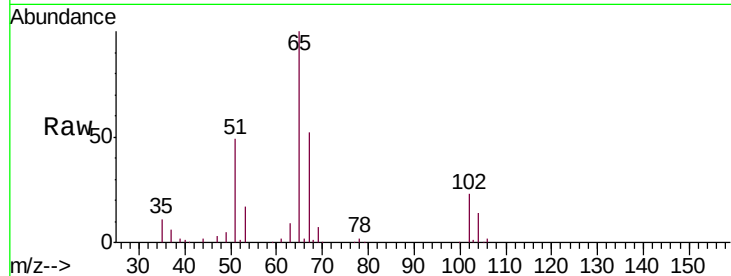




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 5.98 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

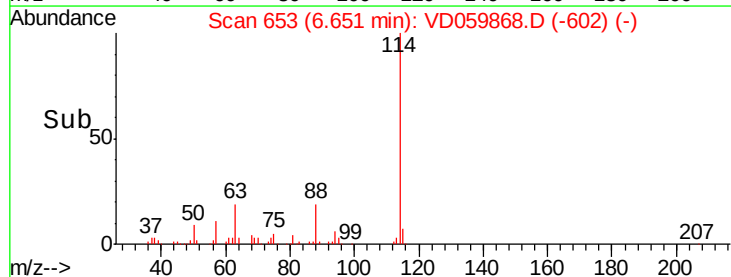
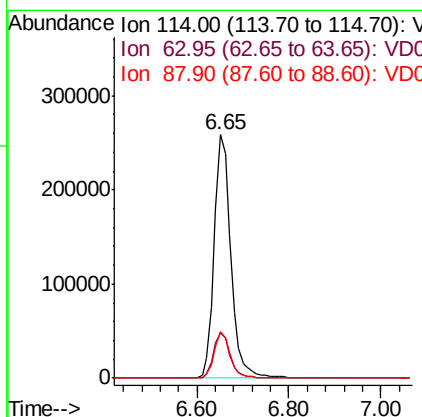
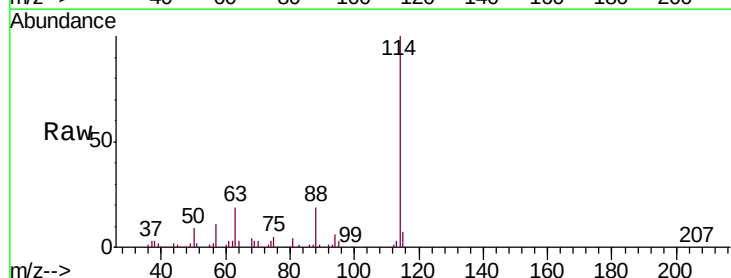
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051

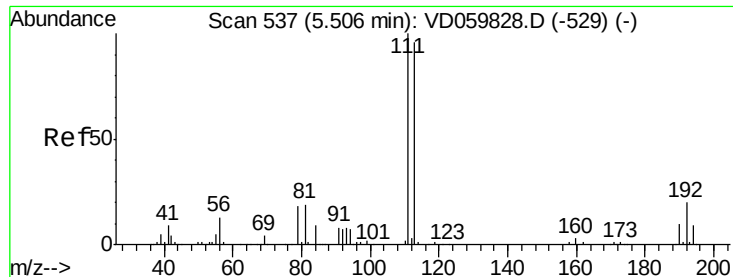
Tgt Ion: 65 Resp: 268749
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.65 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

Tgt Ion: 114 Resp: 642423
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 19.0 0.0 37.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051

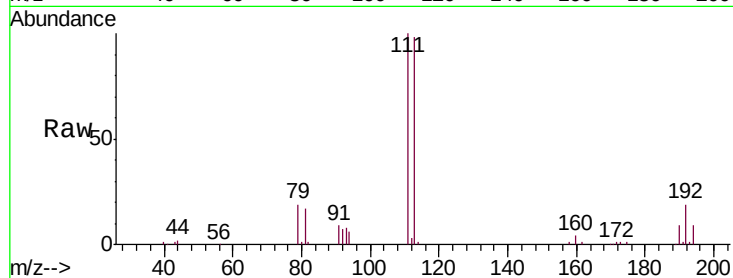
Tgt Ion:113 Resp: 310532

Ion Ratio Lower Upper

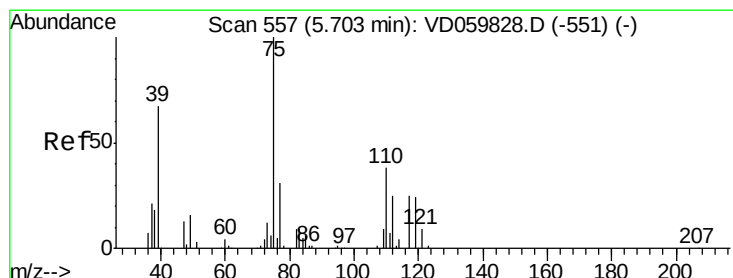
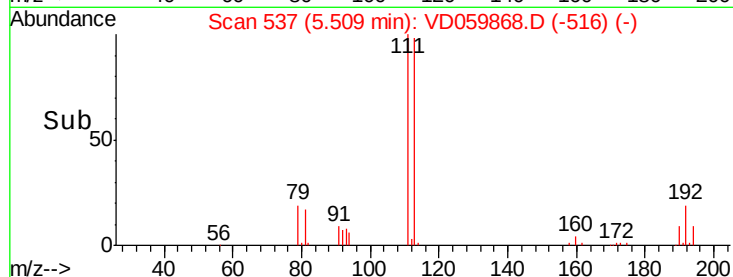
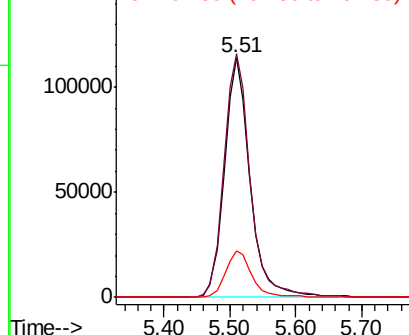
113 100

111 101.7 83.3 124.9

192 19.3 16.8 25.2



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: 5.010 ug/l

RT: 5.60 min Scan# 546

Delta R.T. -0.11 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

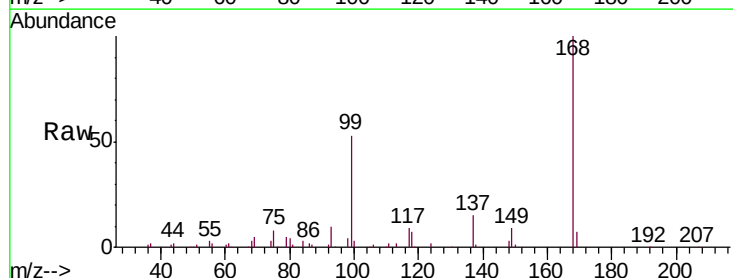
Tgt Ion: 75 Resp: 27296

Ion Ratio Lower Upper

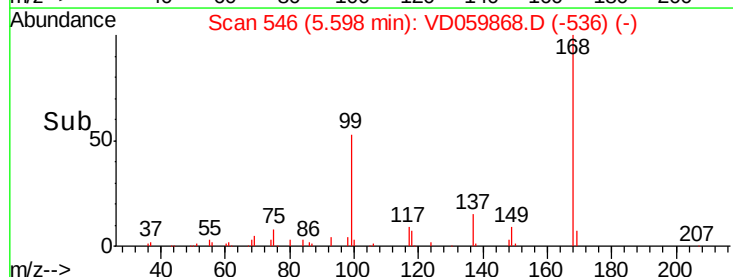
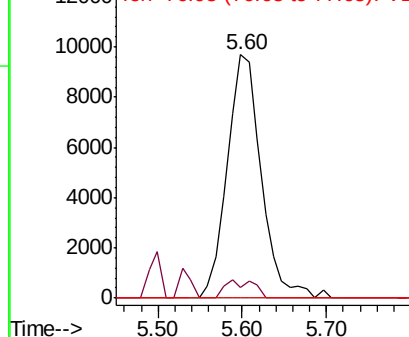
75 100

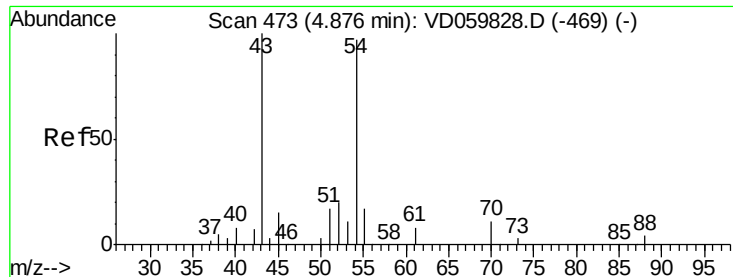
110 4.4 18.8 56.4#

77 0.0 24.9 37.3#



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

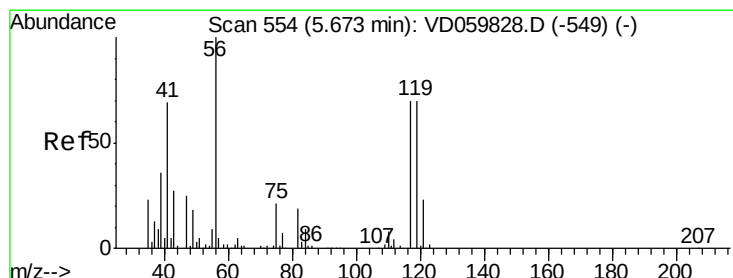
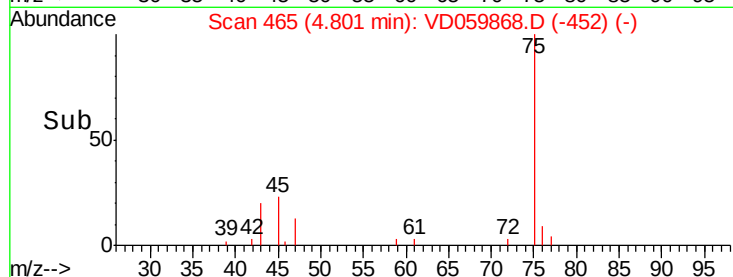
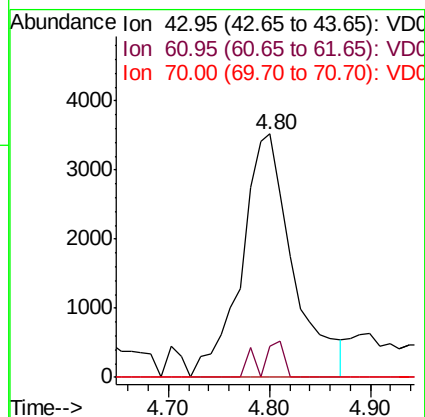
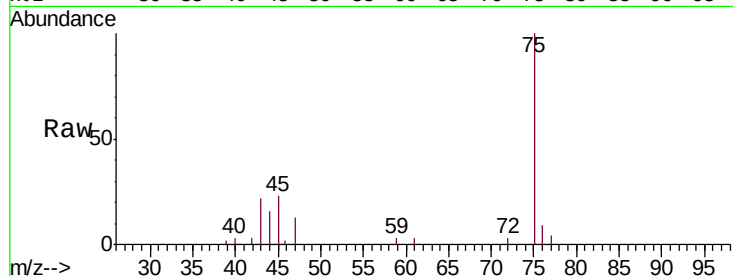




#37
Ethyl Acetate
Concen: 3.097 ug/l
RT: 4.80 min Scan# 465
Delta R.T. -0.08 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

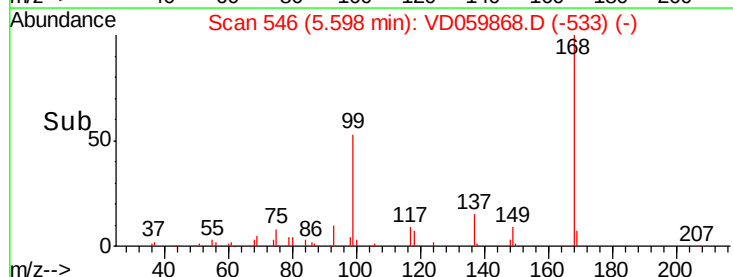
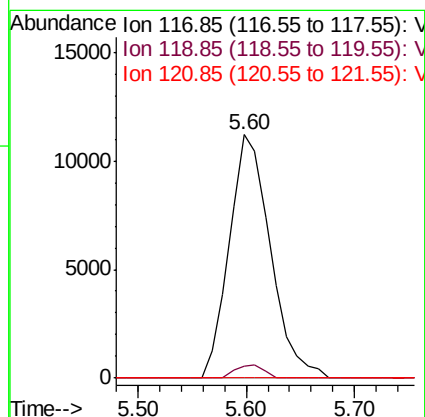
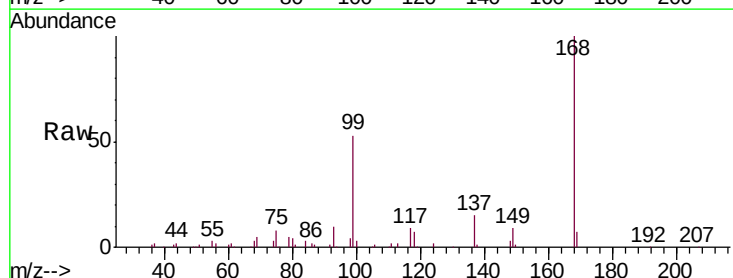
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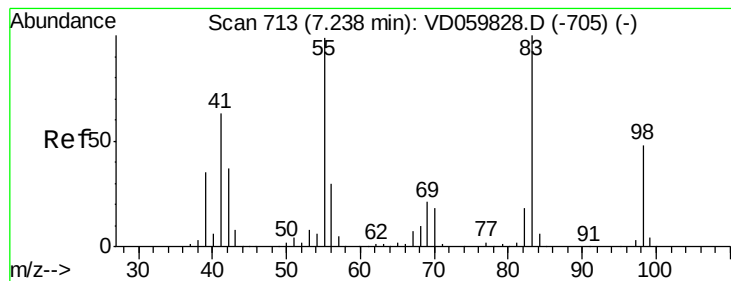
Tgt Ion: 43 Resp: 12507
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 0.0 6.2 9.2#



#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 5.60 min Scan# 546
Delta R.T. -0.08 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 117 Resp: 29650
Ion Ratio Lower Upper
117 100
119 5.0 77.0 115.4#
121 0.0 24.7 37.1#





#39

Methylcyclohexane

Concen: 1.271 ug/l

RT: 7.25 min Scan# 714

Delta R.T. 0.01 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

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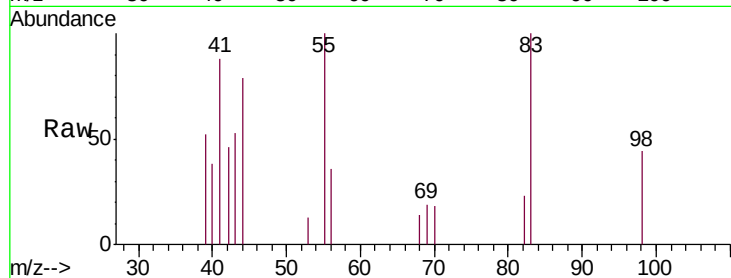
Tgt Ion: 83 Resp: 7408

Ion Ratio Lower Upper

83 100

55 100.2 79.0 118.6

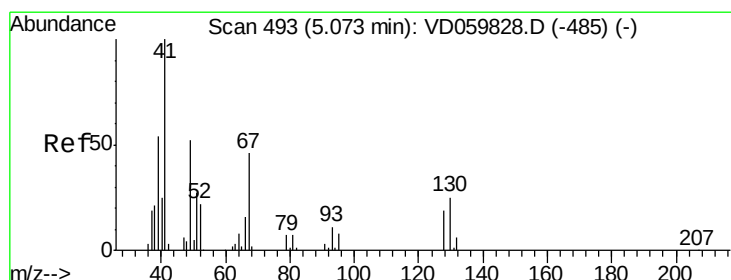
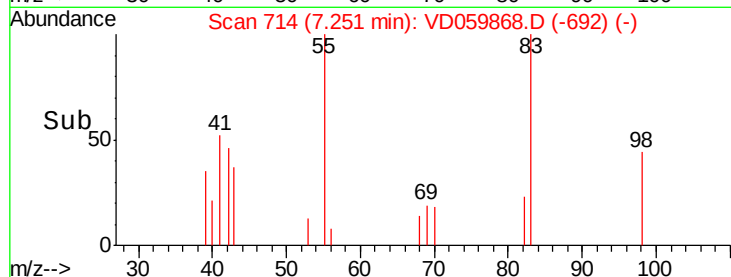
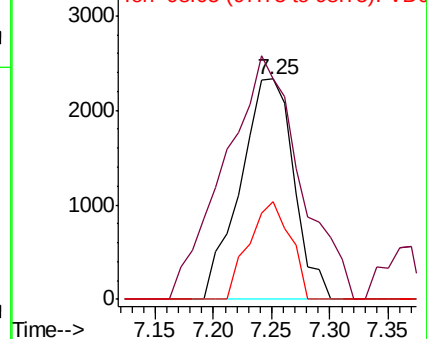
98 44.5 38.1 57.1



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



#41

Methacrylonitrile

Concen: 1.489 ug/l

RT: 5.15 min Scan# 500

Delta R.T. 0.07 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Tgt Ion: 41 Resp: 3081

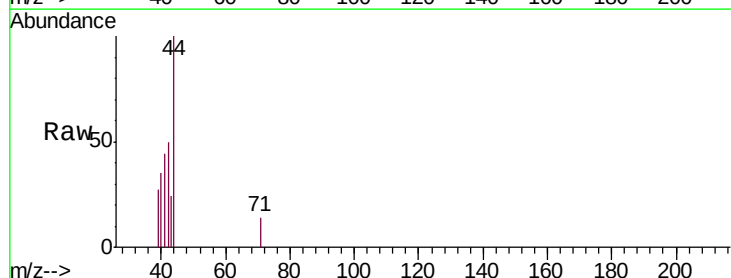
Ion Ratio Lower Upper

41 100

39 60.8 43.0 64.6

67 0.0 36.7 55.1#

52 0.0 18.0 27.0#

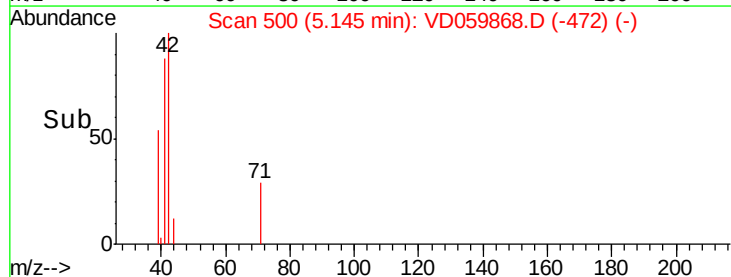
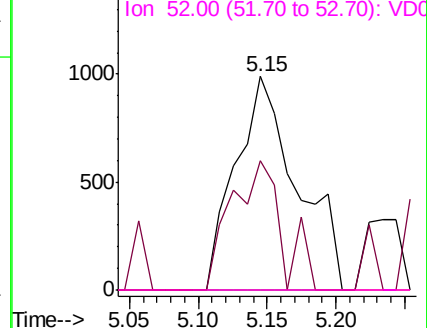


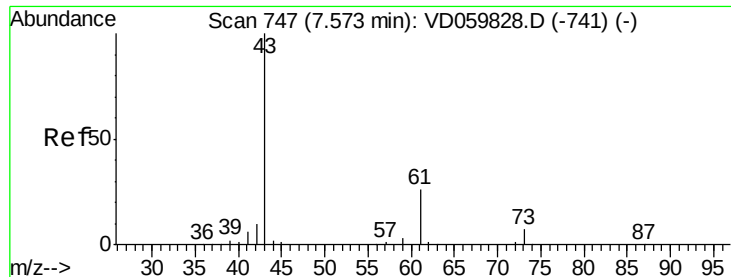
Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

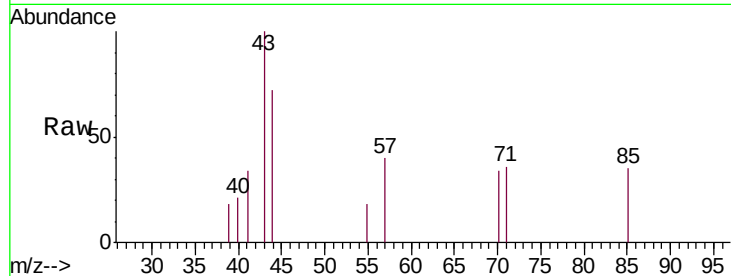




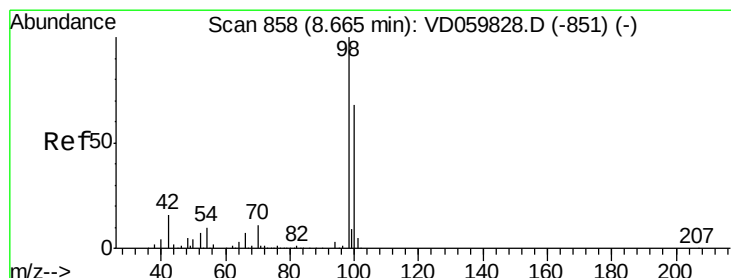
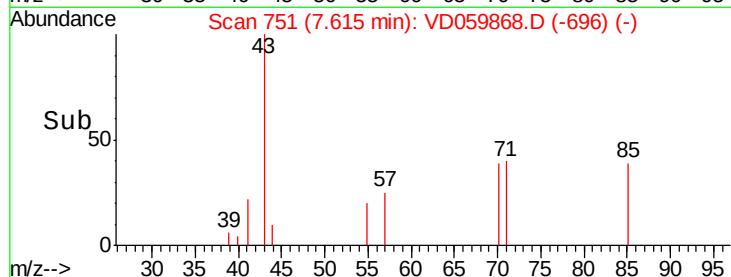
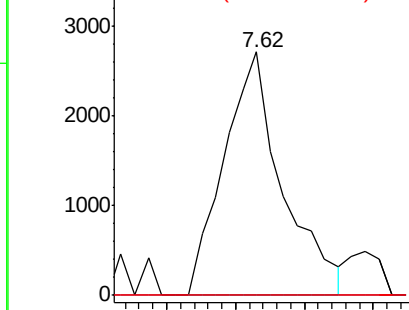
#43
Isopropyl Acetate
Concen: 1.430 ug/l
RT: 7.62 min Scan# 751
Delta R.T. 0.04 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

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

Tgt Ion: 43 Resp: 7989
Ion Ratio Lower Upper
43 100
61 0.0 21.0 31.4#
87 0.0 0.2 0.4#

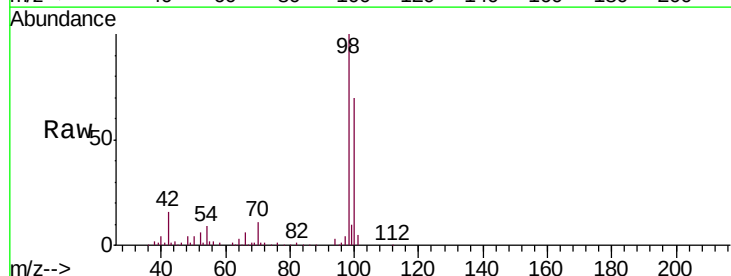


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC

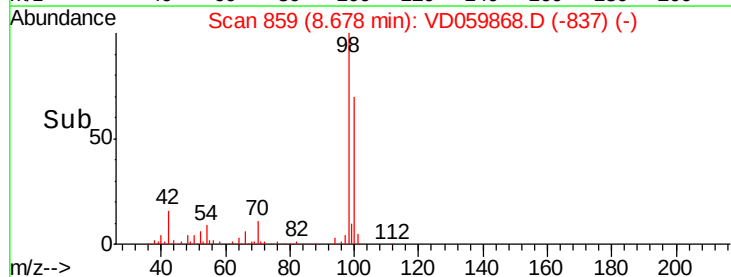
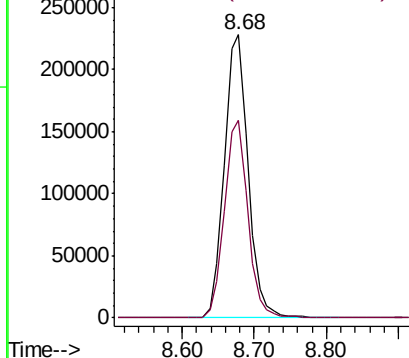


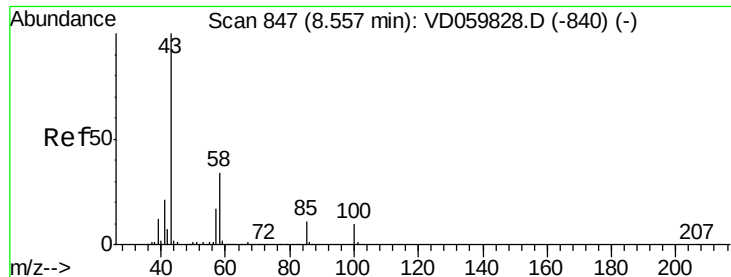
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.68 min Scan# 859
Delta R.T. 0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 98 Resp: 522283
Ion Ratio Lower Upper
98 100
100 69.8 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

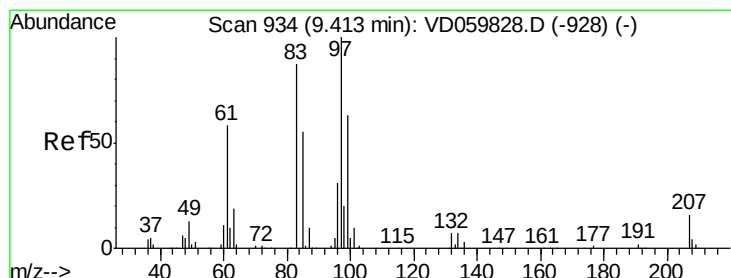
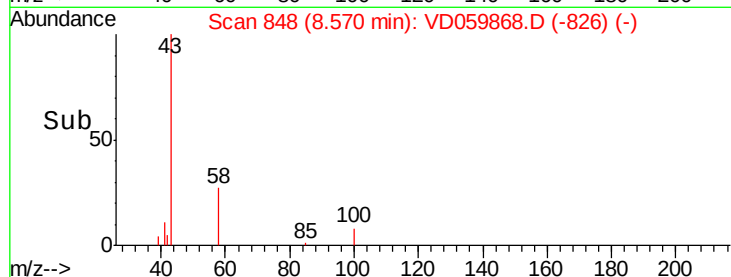
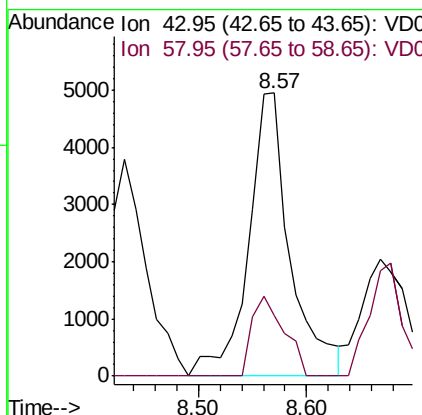
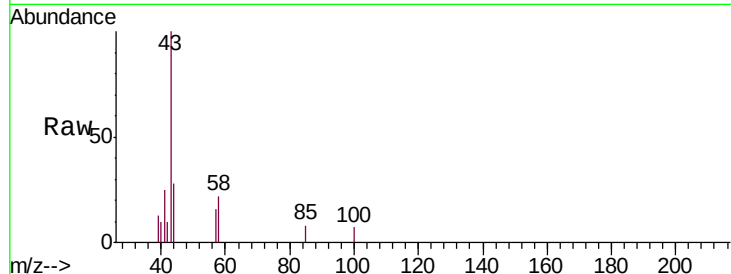




#51
 4-Methyl-2-Pentanone
 Concen: 3.557 ug/l
 RT: 8.57 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

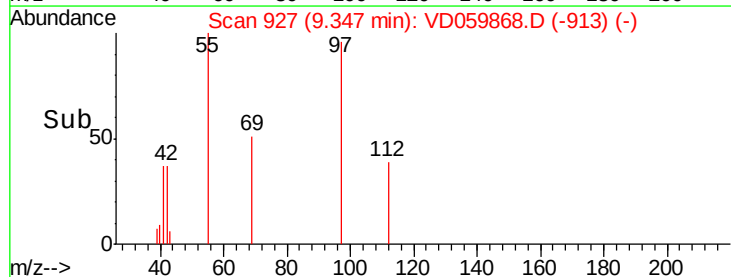
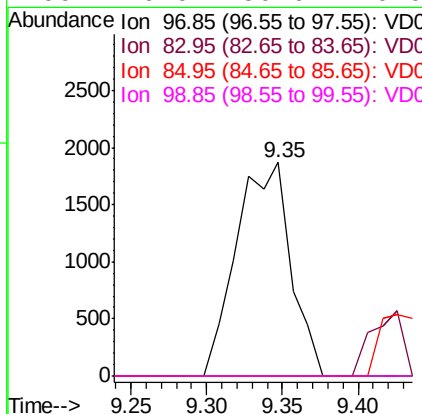
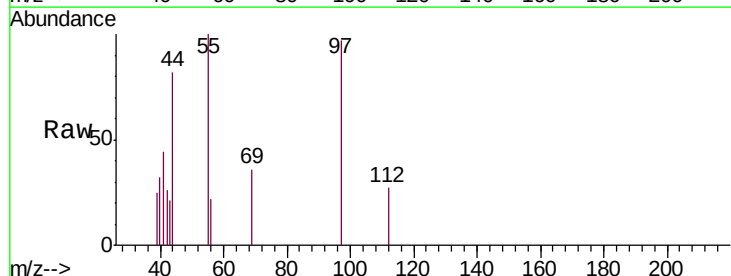
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051

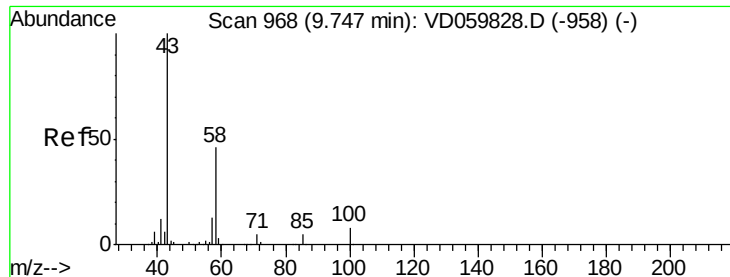
Tgt Ion: 43 Resp: 13283
 Ion Ratio Lower Upper
 43 100
 58 21.6 27.0 40.4#



#55
 1,1,2-Trichloroethane
 Concen: 1.449 ug/l
 RT: 9.35 min Scan# 927
 Delta R.T. -0.07 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

Tgt Ion: 97 Resp: 4669
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.2 103.8#
 85 0.0 44.3 66.5#
 99 0.0 50.6 76.0#

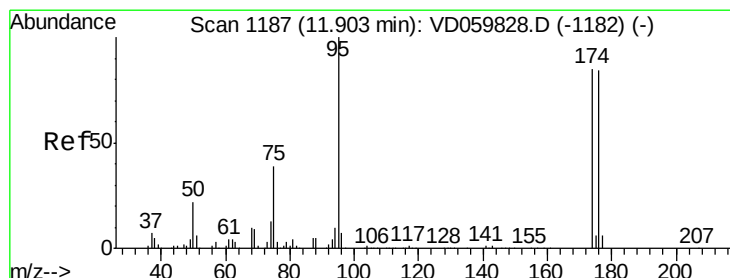
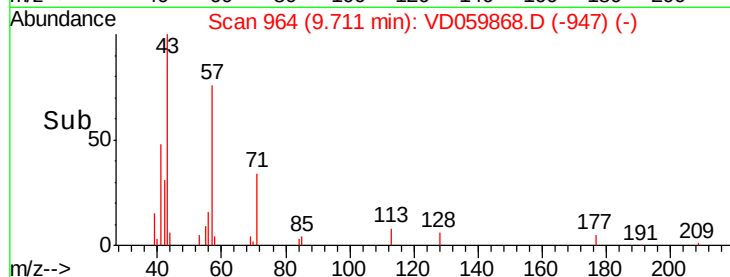
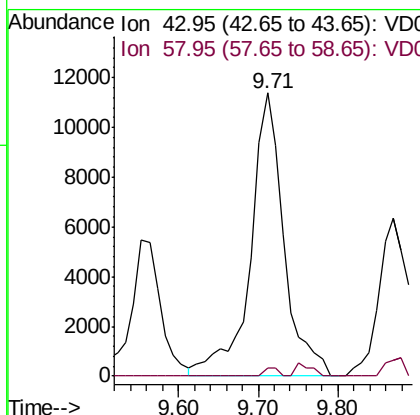
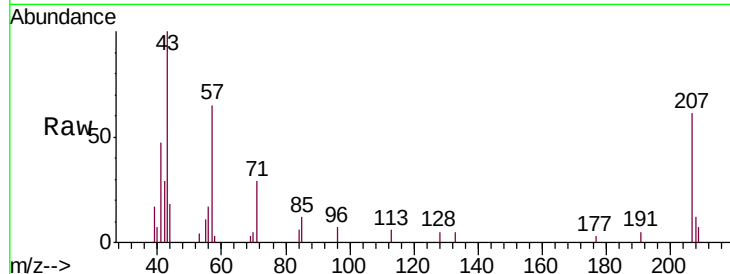




#59
2-Hexanone
Concen: 11.869 ug/l
RT: 9.71 min Scan# 964
Delta R.T. -0.04 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

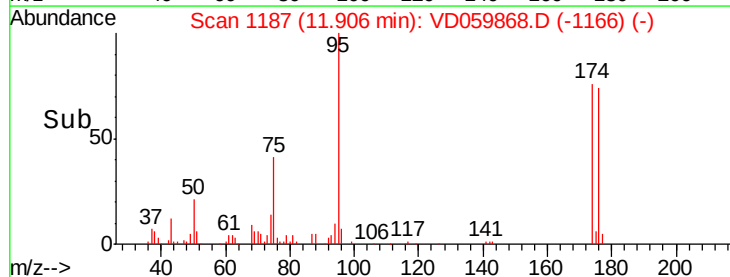
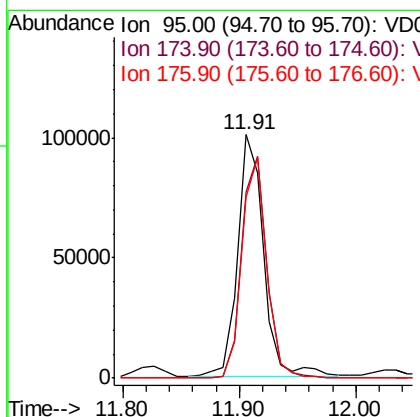
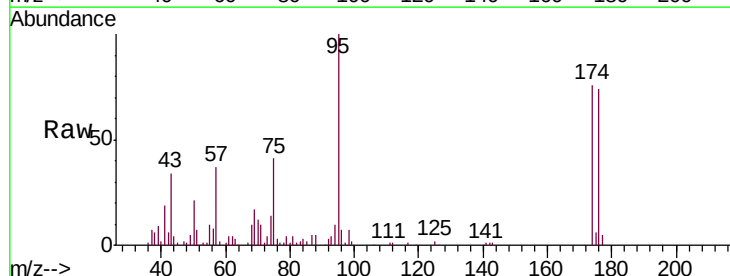
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051

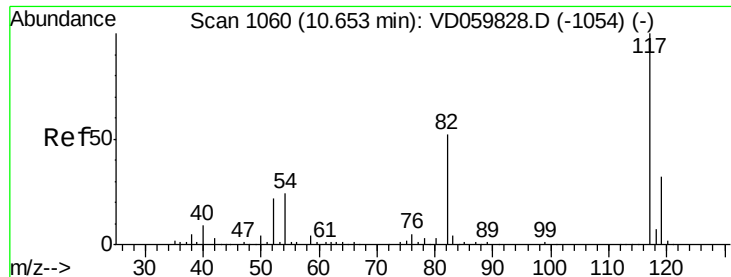
Tgt Ion: 43 Resp: 32764
Ion Ratio Lower Upper
43 100
58 3.1 23.1 69.2#



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 95 Resp: 157059
Ion Ratio Lower Upper
95 100
174 76.2 0.0 169.2
176 74.3 0.0 168.0

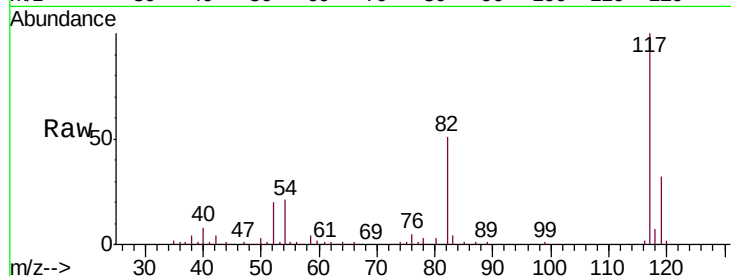




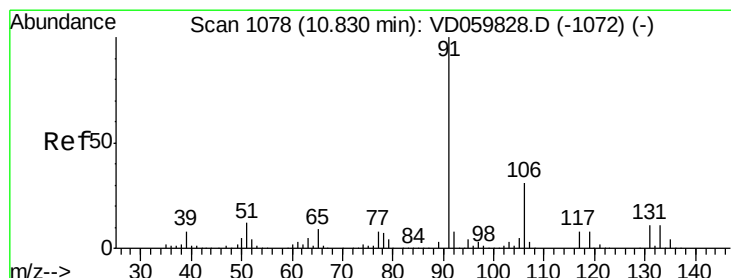
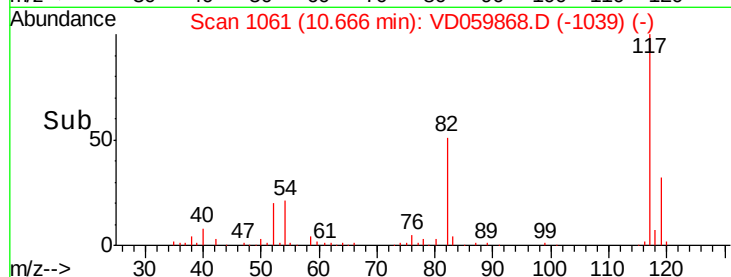
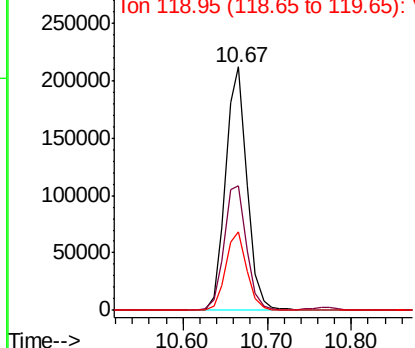
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.67 min Scan# 1061
Delta R.T. 0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

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

Tgt Ion: 117 Resp: 373337
Ion Ratio Lower Upper
117 100
82 51.2 41.6 62.4
119 32.2 25.6 38.4

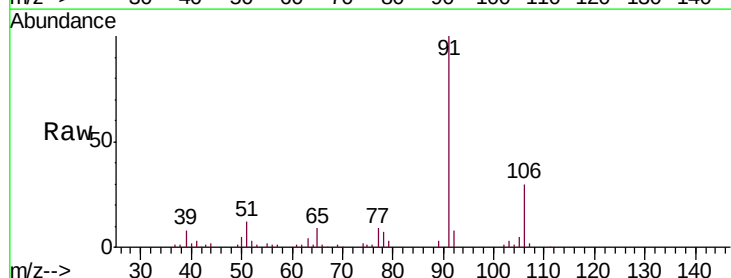


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VDC
Ion 118.95 (118.65 to 119.65): V

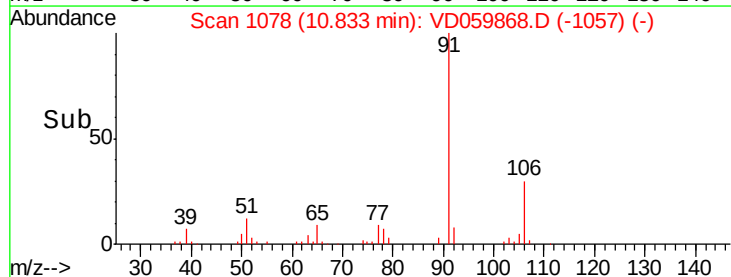
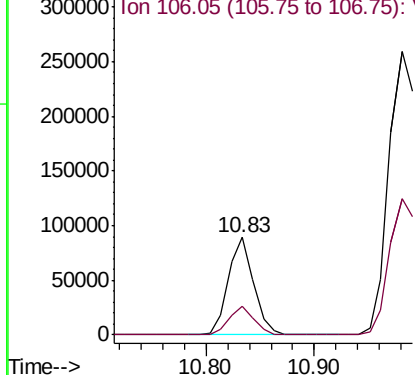


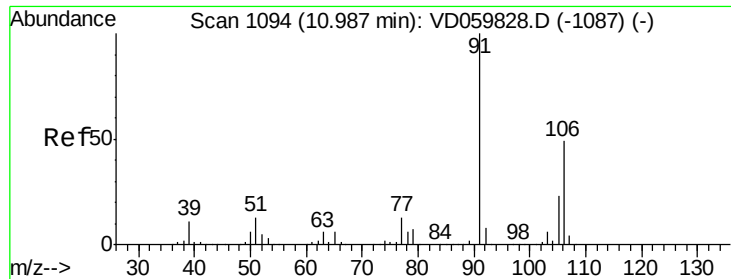
#67
Ethyl Benzene
Concen: 11.030 ug/l
RT: 10.83 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 91 Resp: 146406
Ion Ratio Lower Upper
91 100
106 29.8 25.1 37.7



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

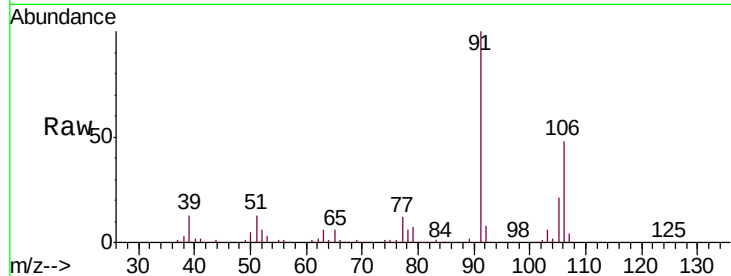




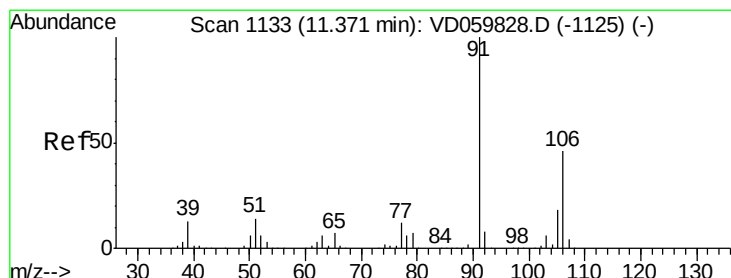
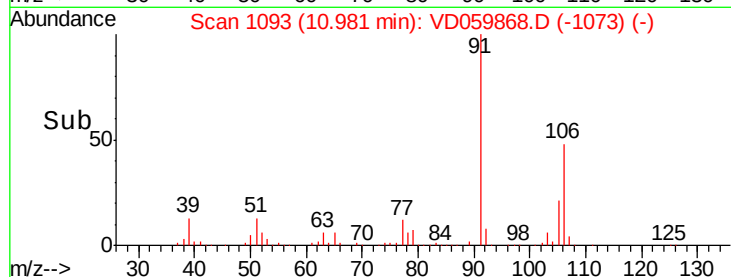
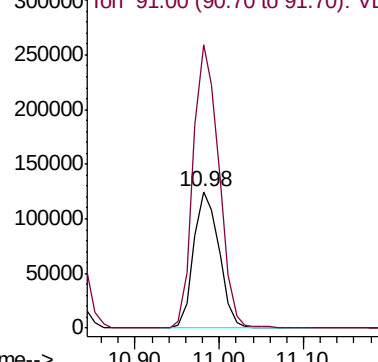
#68
m/p-Xylenes
Concen: 56.693 ug/l
RT: 10.98 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

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

Tgt Ion:106 Resp: 262242
Ion Ratio Lower Upper
106 100
91 206.9 161.8 242.8

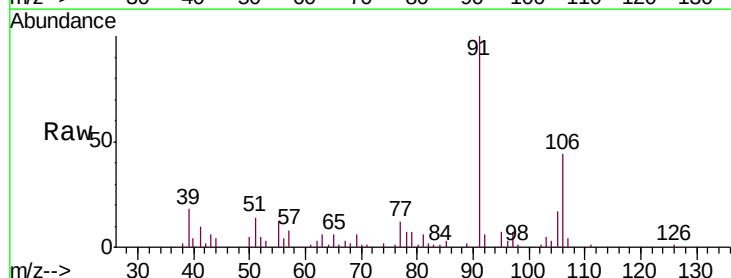


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

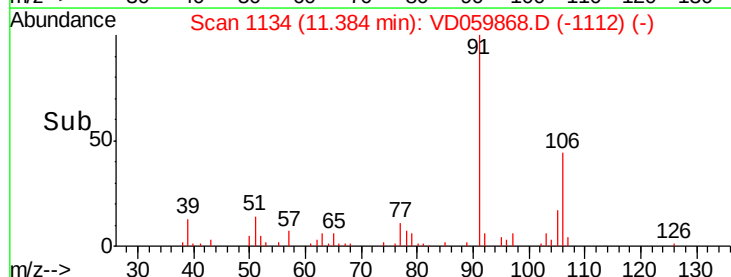
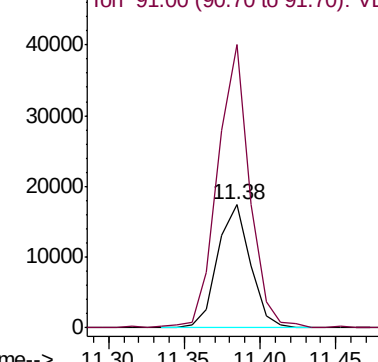


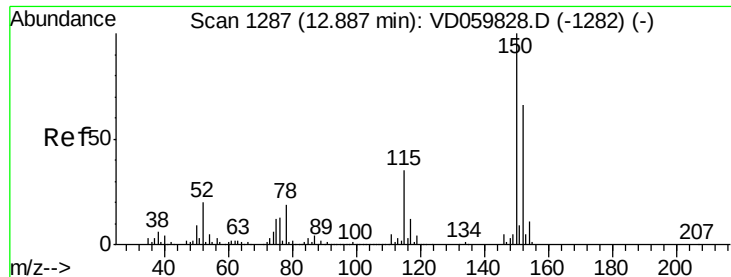
#69
o-Xylene
Concen: 6.277 ug/l
RT: 11.38 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion:106 Resp: 26189
Ion Ratio Lower Upper
106 100
91 229.5 108.5 325.3



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

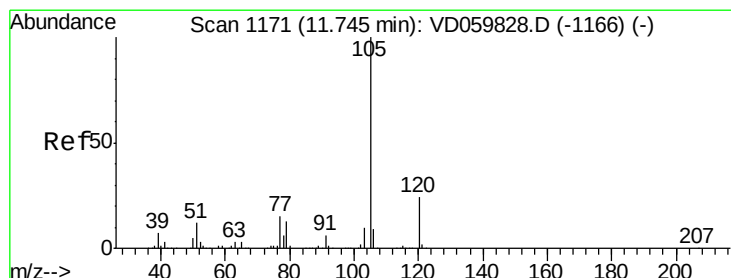
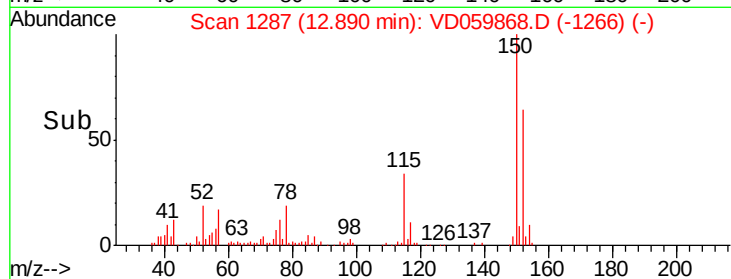
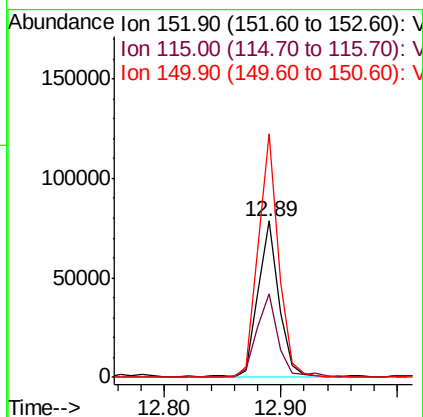
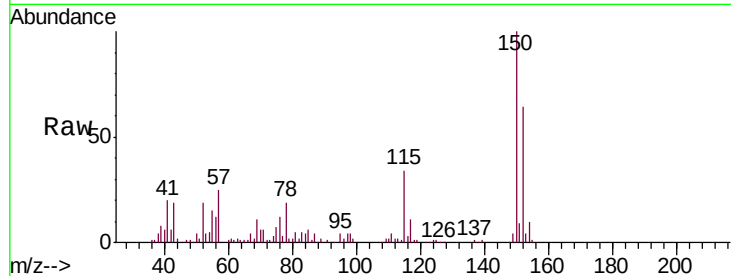




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.89 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

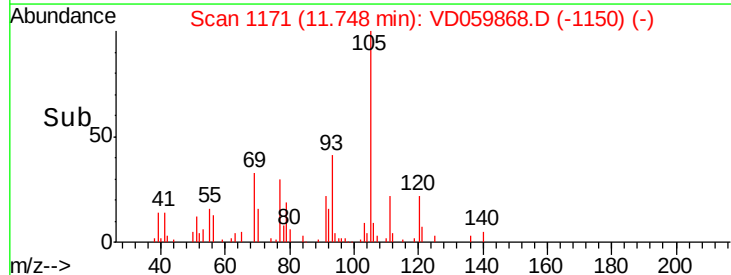
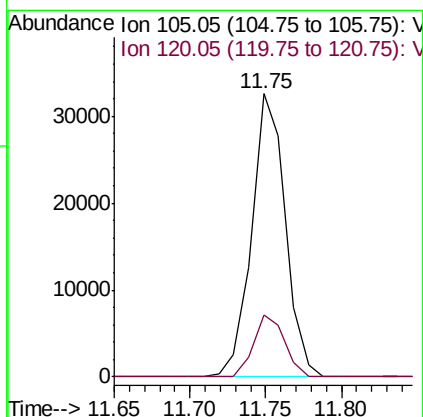
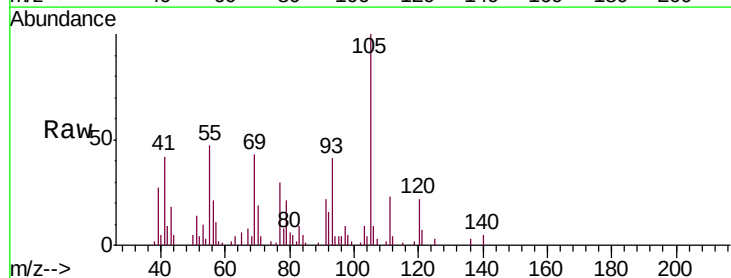
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051

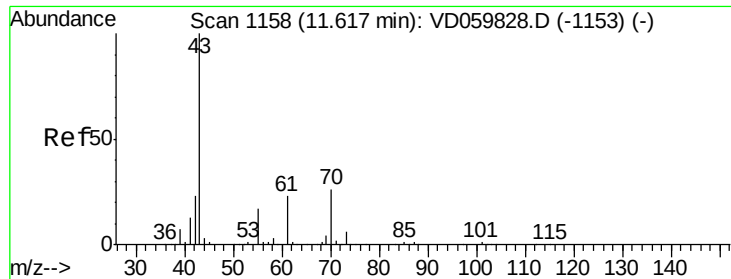
Tgt Ion:152 Resp: 99025
 Ion Ratio Lower Upper
 152 100
 115 53.3 26.9 80.6
 150 156.1 0.0 306.8



#73
 Isopropylbenzene
 Concen: 7.476 ug/l
 RT: 11.75 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

Tgt Ion:105 Resp: 50449
 Ion Ratio Lower Upper
 105 100
 120 21.8 11.9 35.5





#74

N-amyI acetate

Concen: 21.523 ug/l

RT: 11.57 min Scan# 1153

Delta R.T. -0.05 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-125-051

Tgt Ion: 43 Resp: 65038

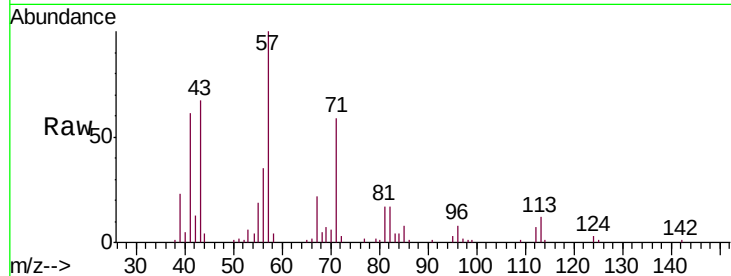
Ion Ratio Lower Upper

43 100

70 9.6 20.5 30.7#

55 28.9 13.7 20.5#

61 0.0 18.0 27.0#

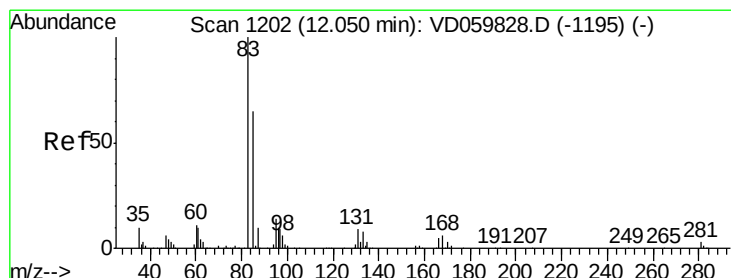
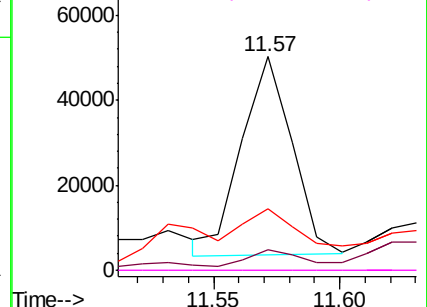
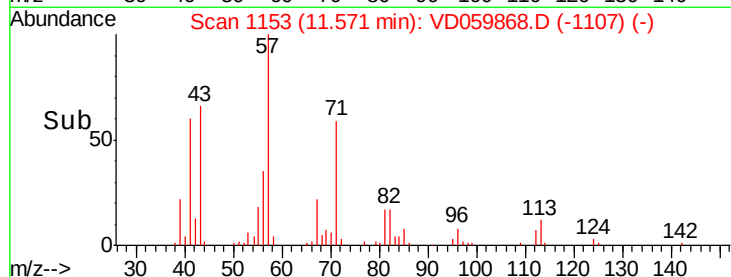


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC



#75

1,1,2,2-Tetrachloroethane

Concen: 20.906 ug/l

RT: 12.06 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

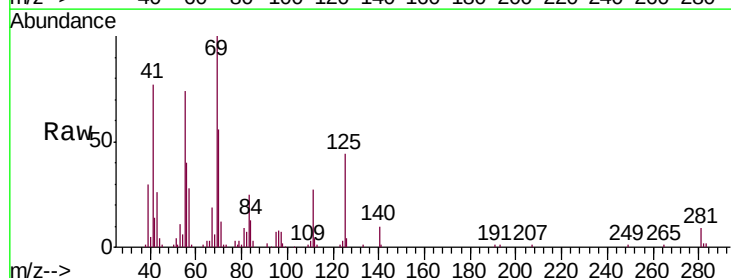
Tgt Ion: 83 Resp: 33254

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

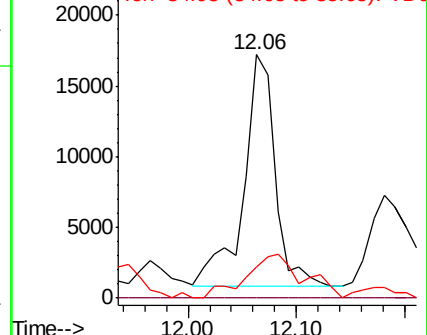
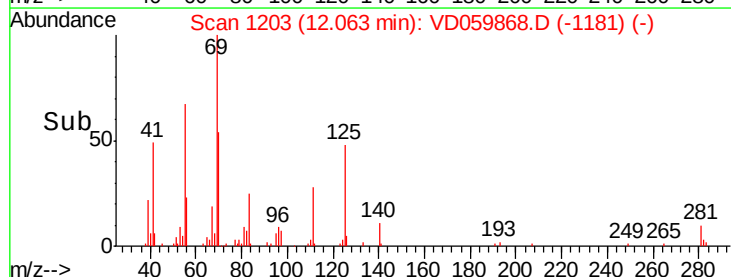
85 12.6 32.5 97.5#

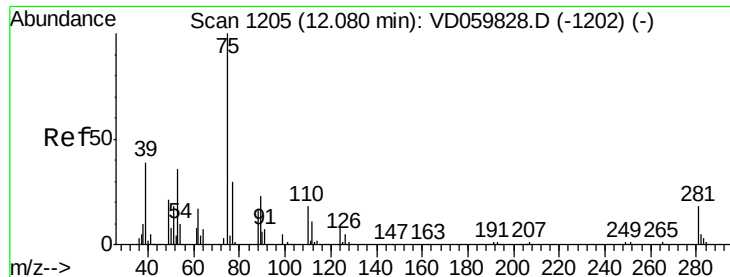


Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC

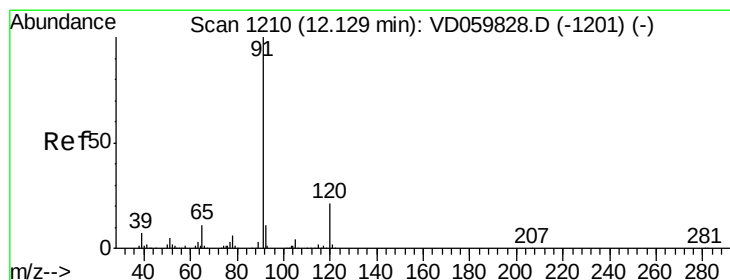
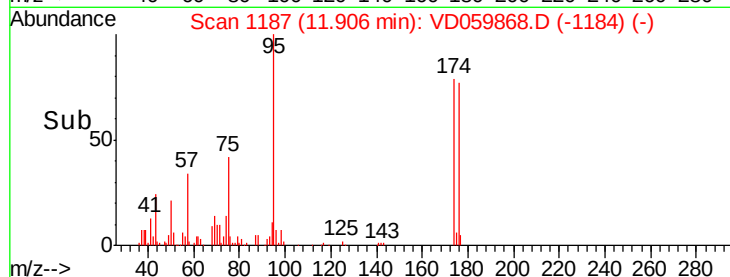
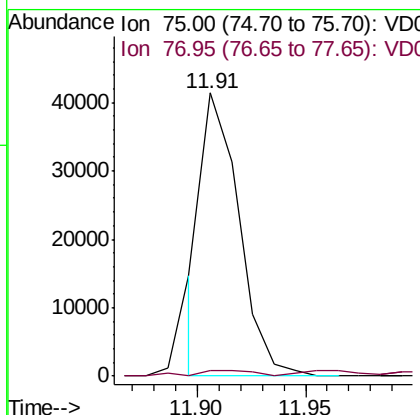
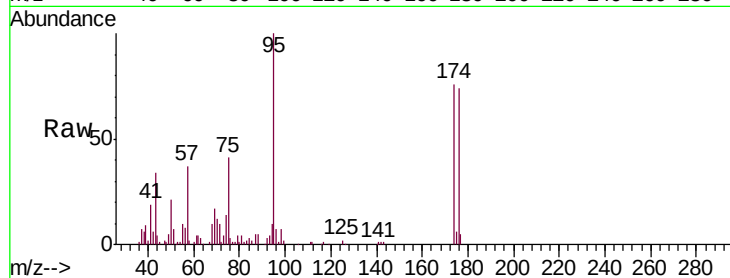




#76
 1,2,3-Trichloropropane
 Concen: 30.416 ug/l
 RT: 11.91 min Scan# 1187
 Delta R.T. -0.17 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

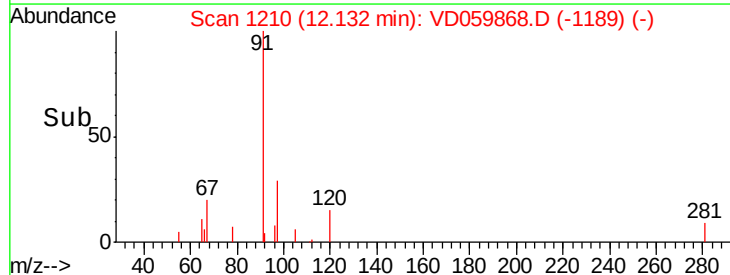
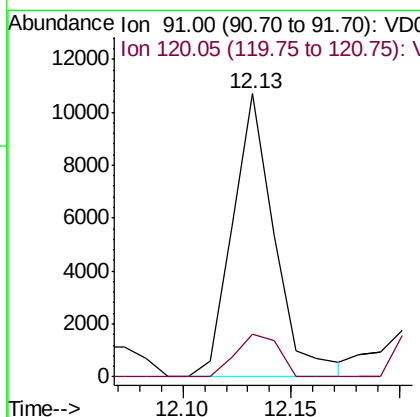
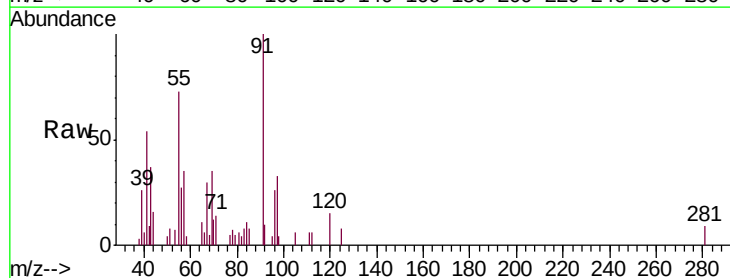
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051

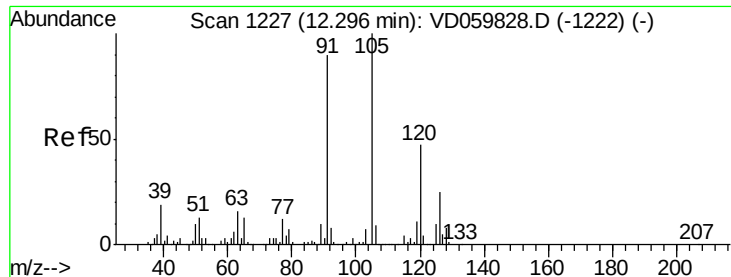
Tgt Ion: 75 Resp: 49830
 Ion Ratio Lower Upper
 75 100
 77 2.2 16.0 47.9#



#78
 n-propylbenzene
 Concen: 1.729 ug/l
 RT: 12.13 min Scan# 1210
 Delta R.T. 0.00 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

Tgt Ion: 91 Resp: 14491
 Ion Ratio Lower Upper
 91 100
 120 14.9 10.5 31.5





#80

1,3,5-Trimethylbenzene

Concen: 3.377 ug/l

RT: 12.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

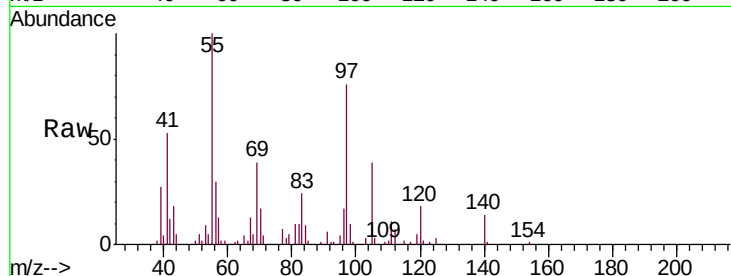
RA-081718-SSW-125-051

Tgt Ion:105 Resp: 23246

Ion Ratio Lower Upper

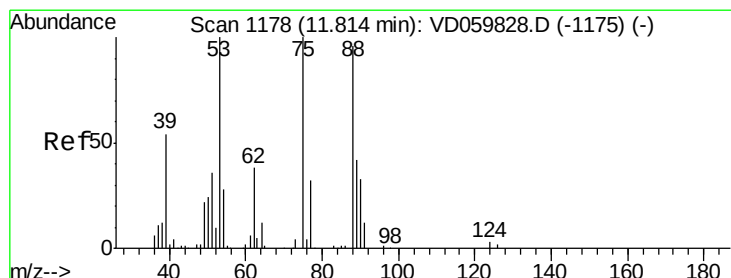
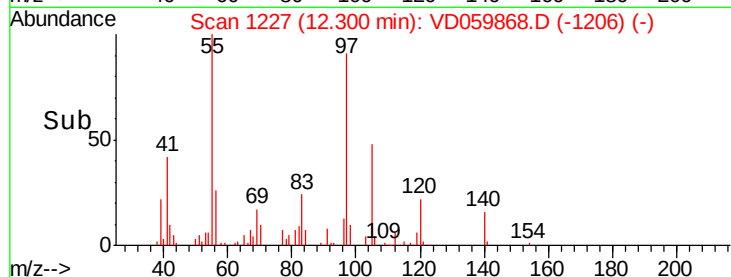
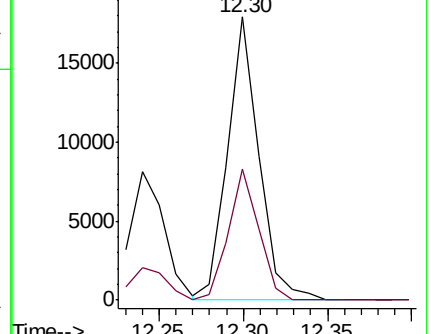
105 100

120 46.1 23.5 70.6



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: 115.642 ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.09 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

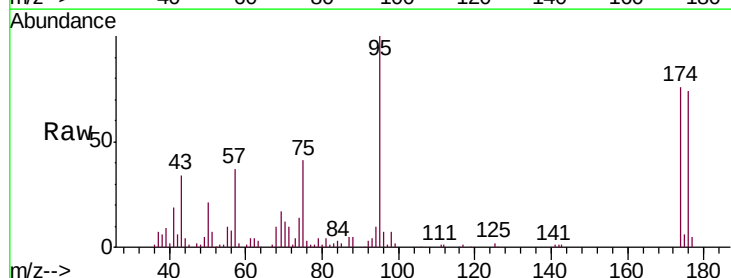
Tgt Ion: 75 Resp: 59224

Ion Ratio Lower Upper

75 100

53 3.4 80.7 121.1#

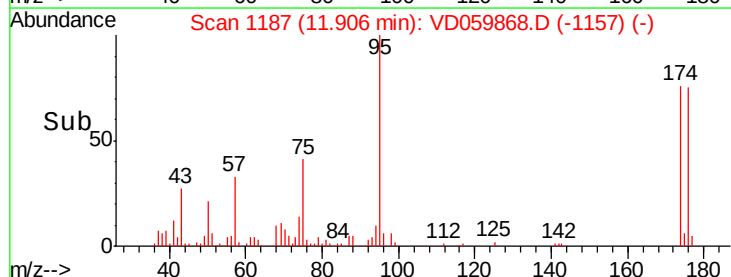
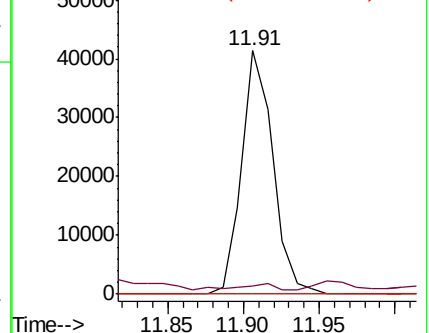
89 0.0 33.9 50.9#

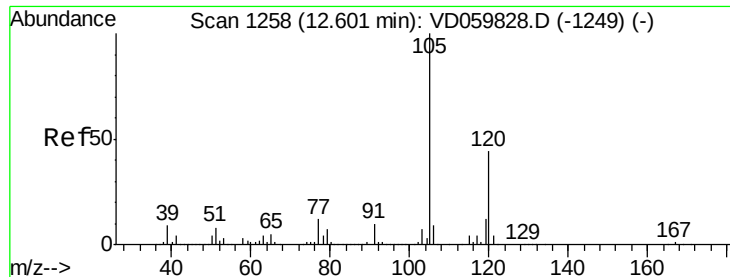


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

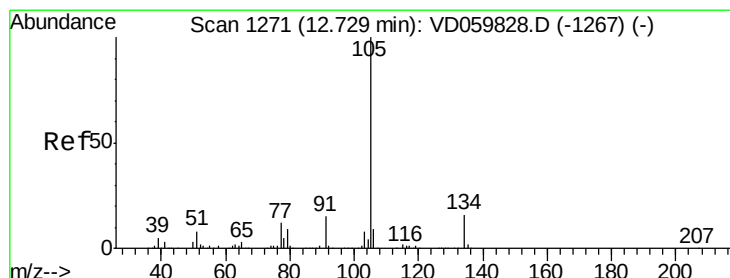
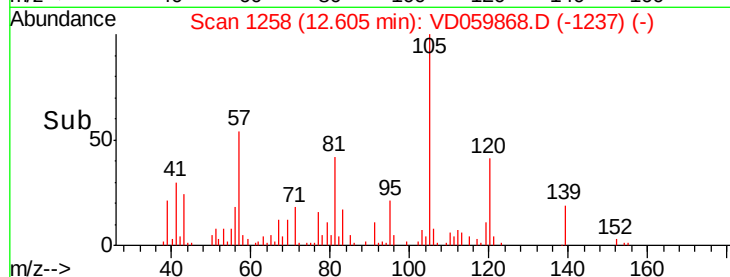
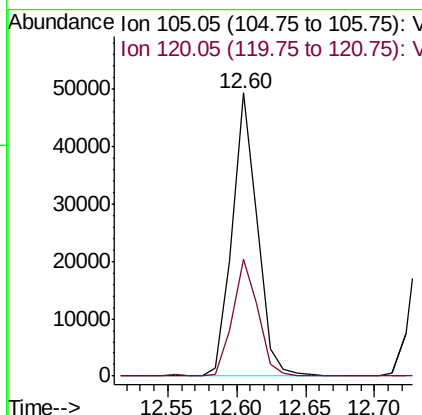
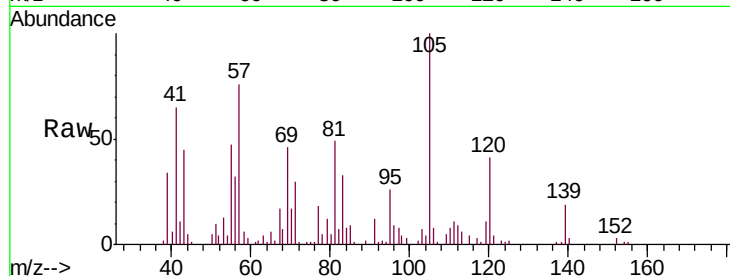




#84
 1,2,4-Trimethylbenzene
 Concen: 11.263 ug/l
 RT: 12.60 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

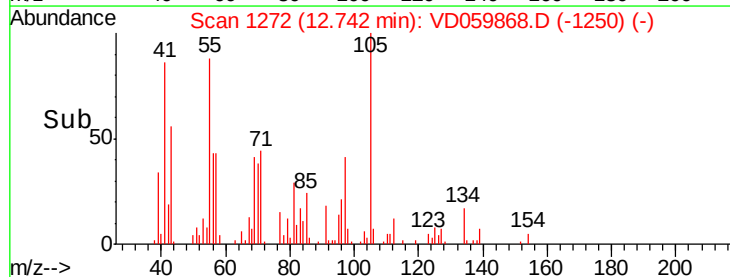
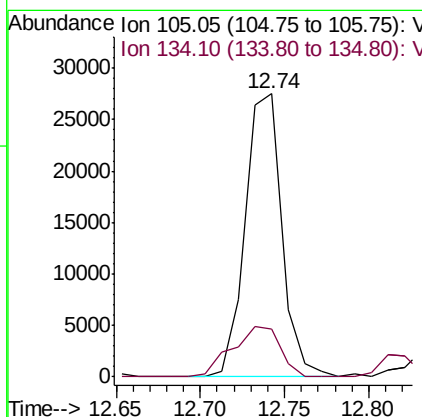
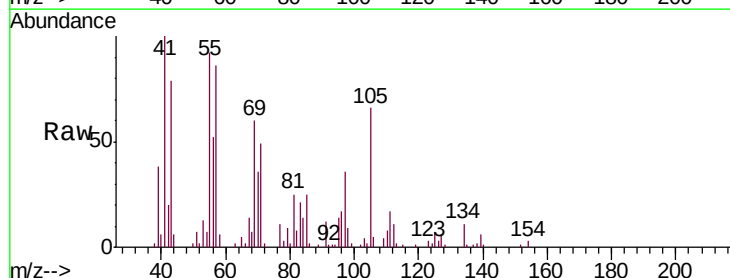
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-125-051

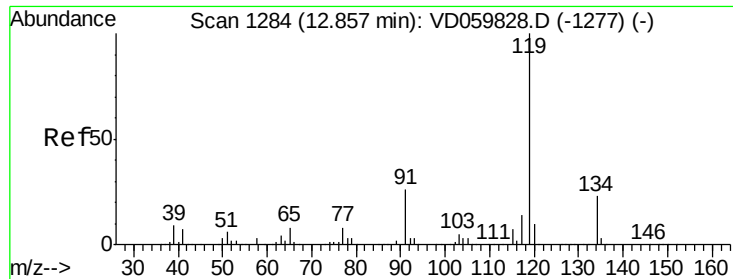
Tgt Ion:105 Resp: 62542
 Ion Ratio Lower Upper
 105 100
 120 41.5 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 5.879 ug/l
 RT: 12.74 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD059868.D
 Acq: 21 Aug 2018 21:05

Tgt Ion:105 Resp: 41506
 Ion Ratio Lower Upper
 105 100
 134 17.0 7.8 23.5

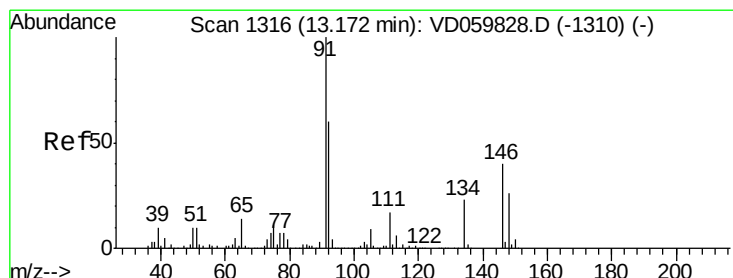
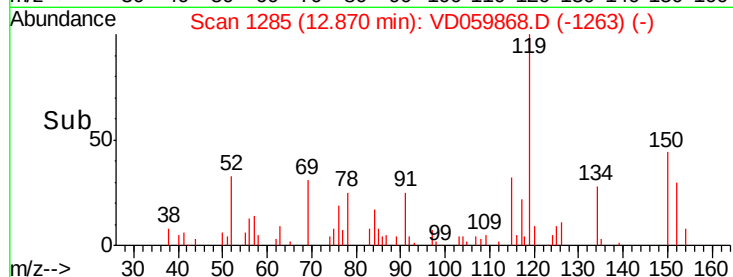
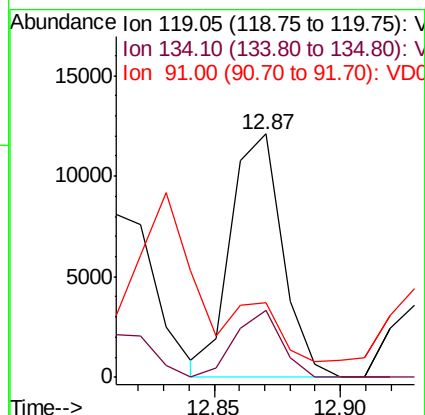
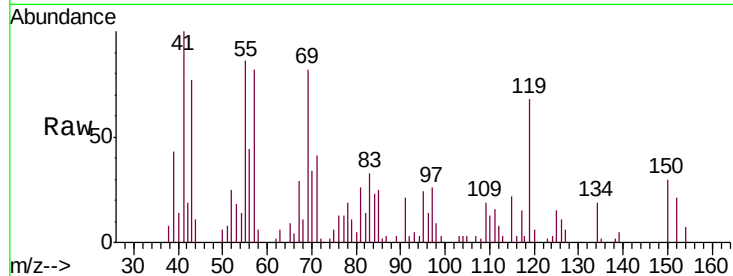




#86
p-Isopropyltoluene
Concen: 3.116 ug/l
RT: 12.87 min Scan# 1285
Delta R.T. 0.01 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

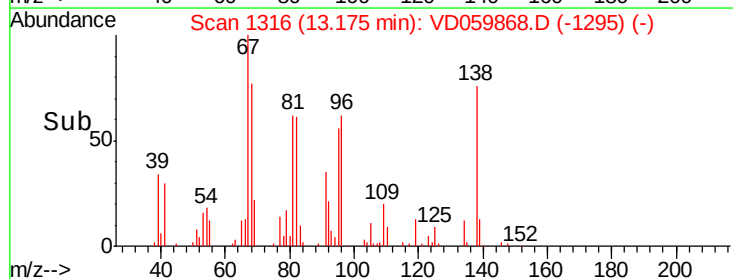
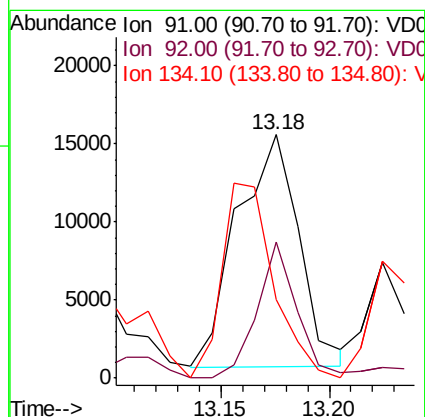
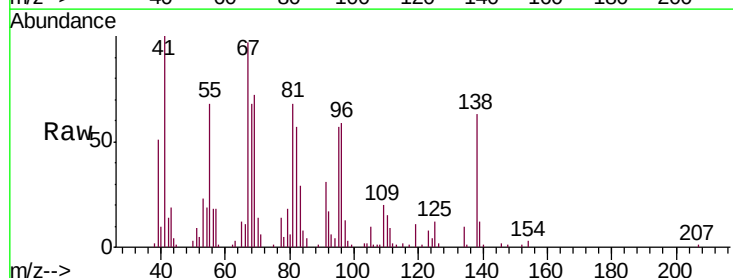
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-125-051

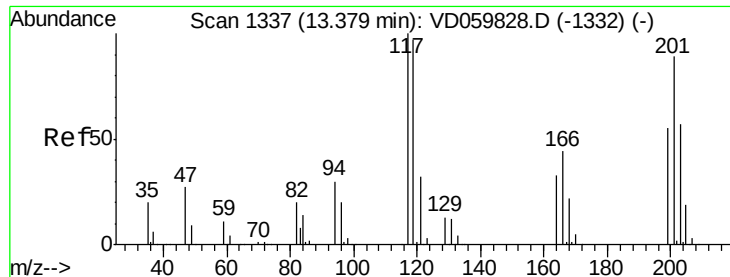
Tgt Ion: 119 Resp: 17259
Ion Ratio Lower Upper
119 100
134 27.7 11.5 34.5
91 30.9 13.2 39.6



#89
n-Butylbenzene
Concen: 2.814 ug/l
RT: 13.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

Tgt Ion: 91 Resp: 29403
Ion Ratio Lower Upper
91 100
92 55.8 29.8 89.5
134 32.3 11.5 34.4





#90

Hexachloroethane

Concen: 2.704 ug/l

RT: 13.38 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

Instrument :

MSVOA_D

ClientSampleId :

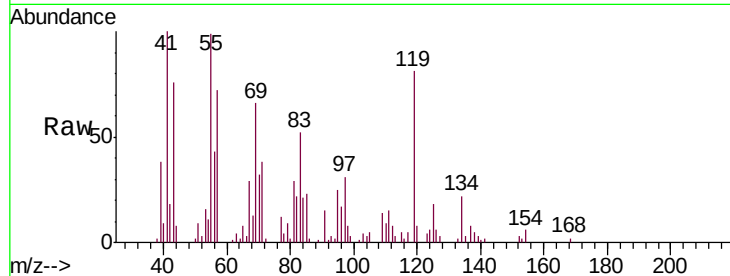
RA-081718-SSW-125-051

Tgt Ion:117 Resp: 4273

Ion Ratio Lower Upper

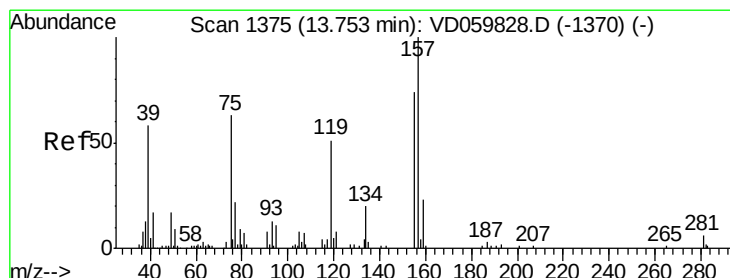
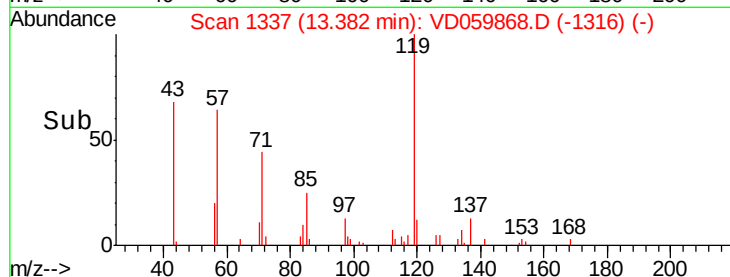
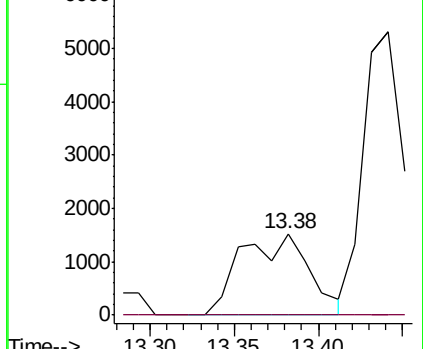
117 100

201 0.0 44.6 134.0#



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: 1.951 ug/l

RT: 13.76 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VD059868.D

Acq: 21 Aug 2018 21:05

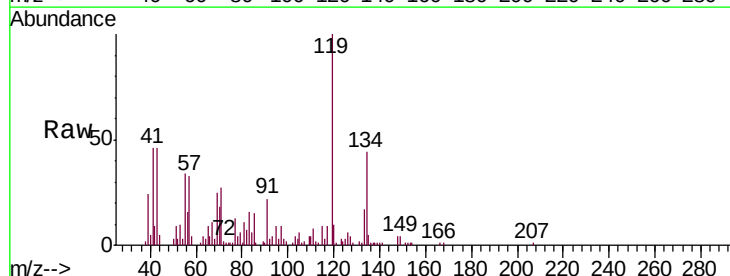
Tgt Ion: 75 Resp: 462

Ion Ratio Lower Upper

75 100

155 0.0 59.1 177.3#

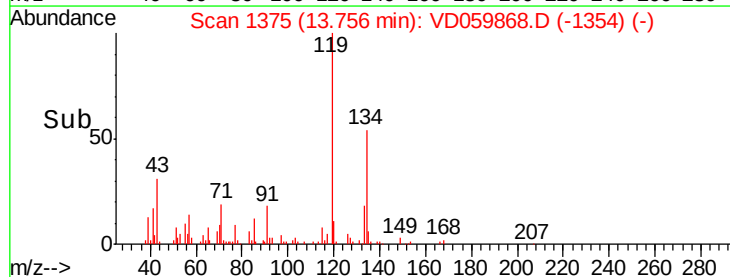
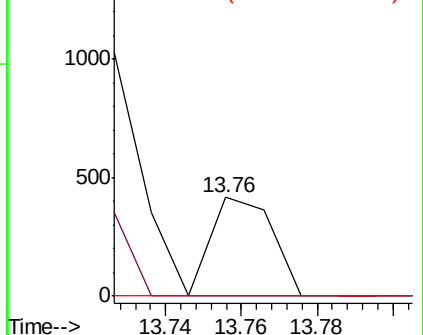
157 0.0 79.7 238.9#

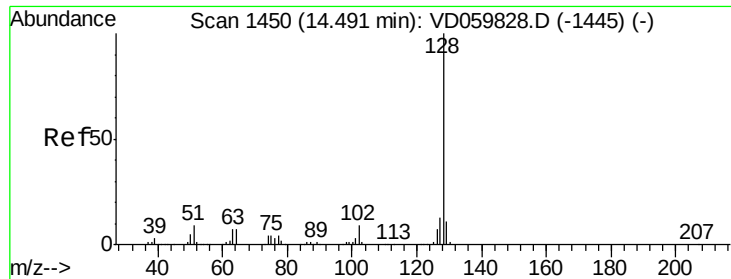


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95
Naphthalene
Concen: 7.152 ug/l
RT: 14.49 min Scan# 1450
Delta R.T. 0.00 min
Lab File: VD059868.D
Acq: 21 Aug 2018 21:05

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

Tgt Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.1	15.1#
129	13.0	8.7	13.1

