

Data File : VD059867.D
Acq On : 21 Aug 2018 20:37
Operator : JC/SY
Sample : J4559-06
Misc : 5.05g/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

Quant Time: Aug 22 01:14:03 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	628185	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.65	114	1011987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.67	117	518895	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.89	152	128766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.98	65	365218	72.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	145.28%	
35) Dibromofluoromethane	5.51	113	462215	61.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.50%	
50) Toluene-d8	8.68	98	826869	40.97	ug/l	0.01
Spiked Amount	50.000		Recovery	=	81.94%	
62) 4-Bromofluorobenzene	11.91	95	212350	27.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.84%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.22	59	470	2.529	ug/l #	67
13) Acrolein	2.55	56	608	4.253	ug/l	97
16) Acetone	2.58	43	17131	20.330	ug/l	97
18) Methyl Acetate	2.89	43	2463	Below Cal	#	65
20) Methylene Chloride	3.03	84	14437	Below Cal		98
25) 2-Butanone	4.80	43	9979	3.918	ug/l #	90
29) Tetrahydrofuran	5.14	42	4007	3.107	ug/l #	47
31) Cyclohexane	5.55	56	9436	Below Cal	#	61
36) 1,1-Dichloropropene	5.60	75	43431	5.060	ug/l #	47
37) Ethyl Acetate	4.80	43	9032	1.420	ug/l #	77
38) Carbon Tetrachloride	5.60	117	50665	5.915	ug/l #	16
39) Methylcyclohexane	7.24	83	19804	2.157	ug/l	97
43) Isopropyl Acetate	7.61	43	25368	2.883	ug/l #	49
51) 4-Methyl-2-Pentanone	8.56	43	12975	2.205	ug/l	94
55) 1,1,2-Trichloroethane	9.34	97	15175	2.990	ug/l #	21
59) 2-Hexanone	9.71	43	80736	18.566	ug/l #	34
67) Ethyl Benzene	10.83	91	159635	8.573	ug/l	96
68) m/p-Xylenes	10.98	106	570734	93.868	ug/l	96
69) o-Xylene	11.38	106	64348	11.097	ug/l	98
73) Isopropylbenzene	11.75	105	54892	6.255	ug/l	96
74) N-amyl acetate	11.57	43	153820	39.147	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.06	83	77309	37.376	ug/l #	39
76) 1,2,3-Trichloropropane	11.91	75	70879	33.272	ug/l #	48
78) n-propylbenzene	12.13	91	19798	1.816	ug/l	92
80) 1,3,5-Trimethylbenzene	12.30	105	44096	5.321	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.91	75	82906	124.494	ug/l #	14
82) 4-Chlorotoluene	12.25	91	3063	Below Cal		96
84) 1,2,4-Trimethylbenzene	12.60	105	89599	12.409	ug/l	98
85) sec-Butylbenzene	12.73	105	66031	7.192	ug/l	99
86) p-Isopropyltoluene	12.87	119	27223	3.780	ug/l	93
89) n-Butylbenzene	13.17	91	43831	3.594	ug/l	83
90) Hexachloroethane	13.38	117	5482	2.668	ug/l #	5
91) 1,2-Dichlorobenzene	13.17	146	784	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	13.73	75	1900	6.171	ug/l #	1

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

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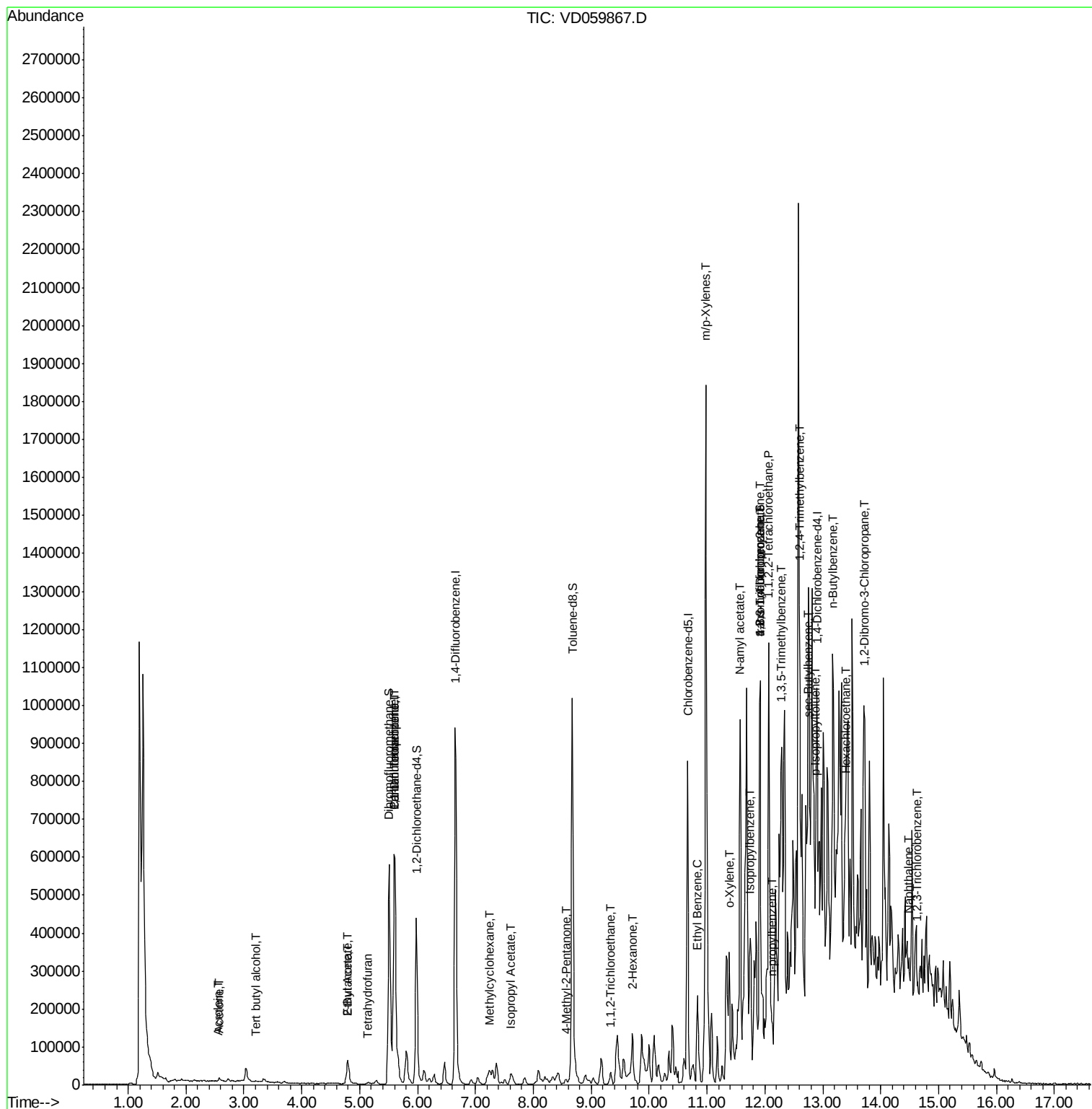
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	14.49	128	16490	3.424	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.63	180	3197	1.237	ug/l #	1

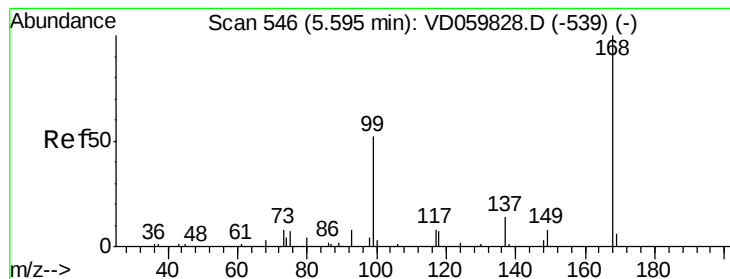
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 547

Delta R.T. 0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

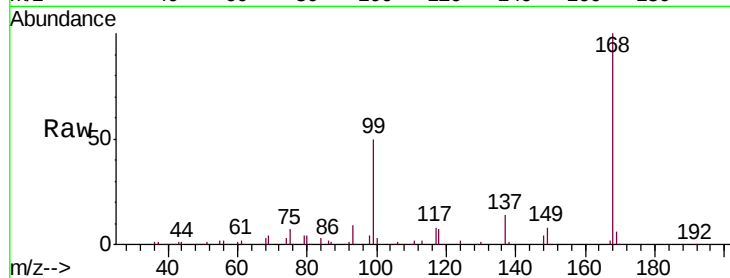
RA-081718-SSW-115-050

Tgt Ion:168 Resp: 628185

Ion Ratio Lower Upper

168 100

99 49.9 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

250000

200000

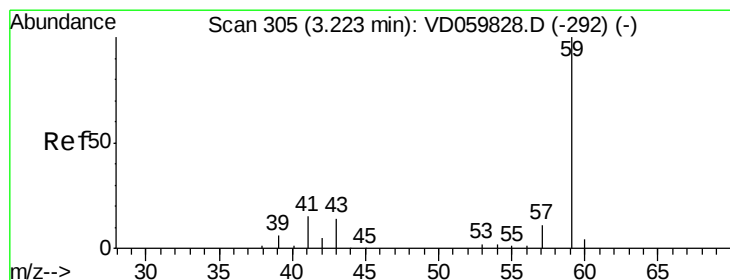
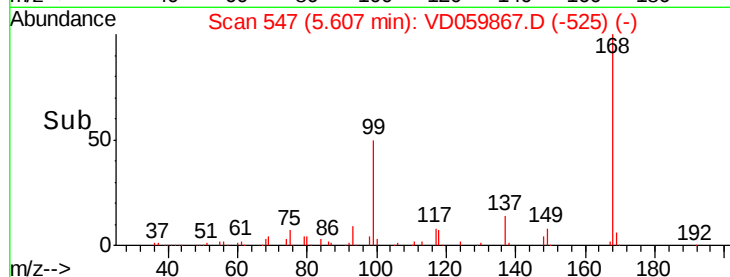
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 2.529 ug/l

RT: 3.22 min Scan# 304

Delta R.T. -0.01 min

Lab File: VD059867.D

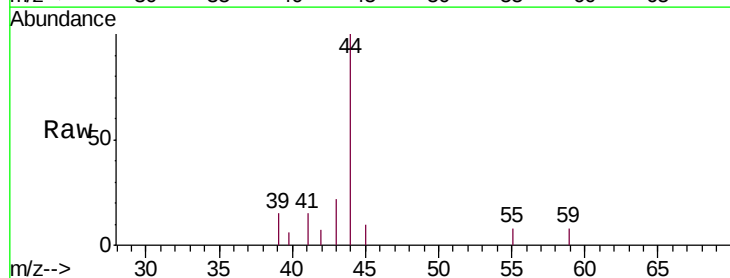
Acq: 21 Aug 2018 20:37

Tgt Ion: 59 Resp: 470

Ion Ratio Lower Upper

59 100

57 0.0 10.3 15.5#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

500

400

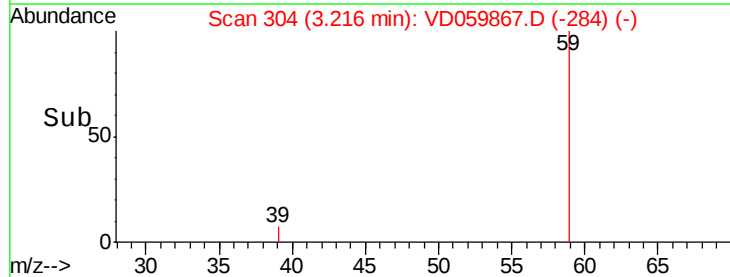
300

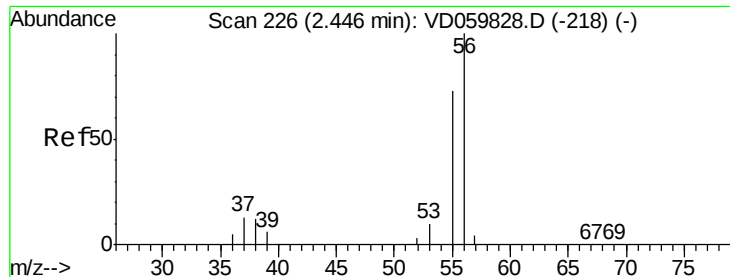
200

100

0

Time-->





#13

Acrolein

Concen: 4.253 ug/l

RT: 2.55 min Scan# 236

Delta R.T. 0.10 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

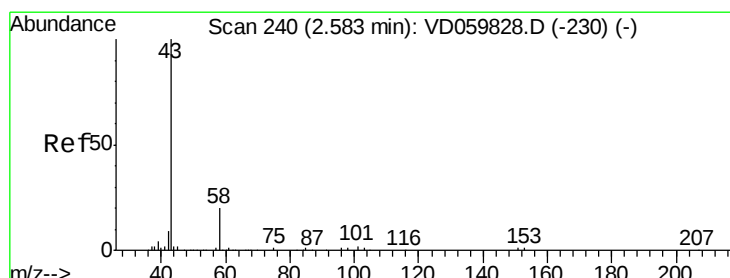
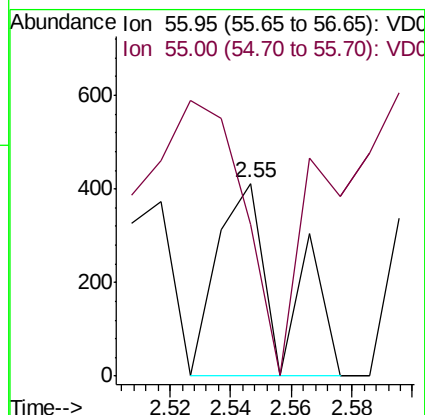
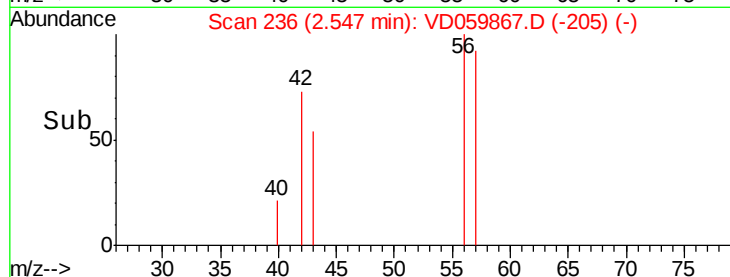
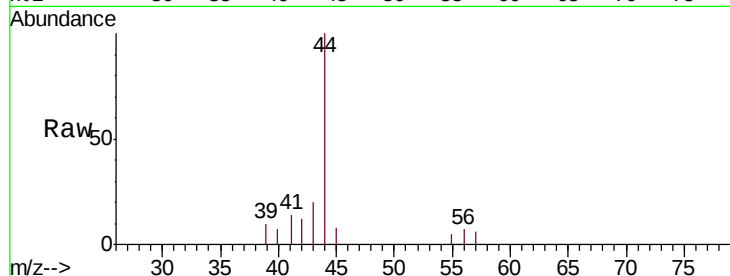
RA-081718-SSW-115-050

Tgt Ion: 56 Resp: 608

Ion Ratio Lower Upper

56 100

55 78.4 60.4 90.6



#16

Acetone

Concen: 20.330 ug/l

RT: 2.58 min Scan# 239

Delta R.T. -0.01 min

Lab File: VD059867.D

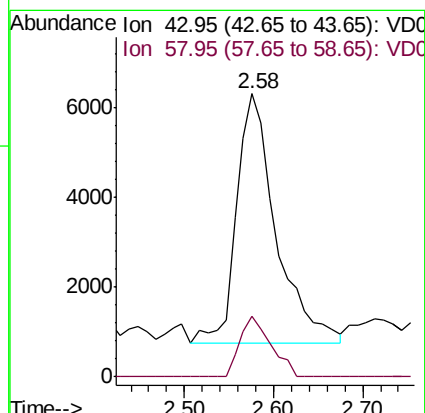
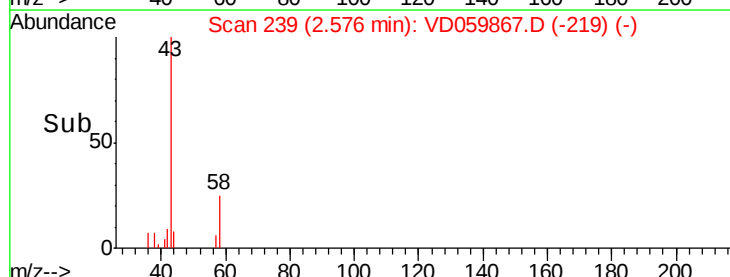
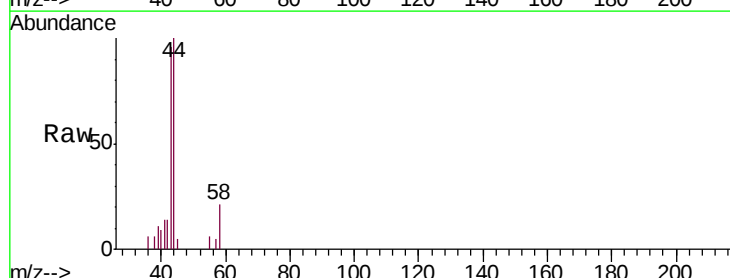
Acq: 21 Aug 2018 20:37

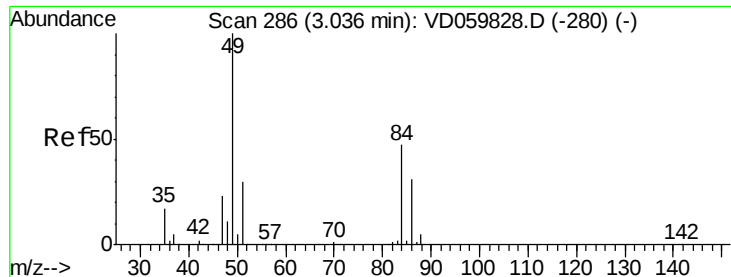
Tgt Ion: 43 Resp: 17131

Ion Ratio Lower Upper

43 100

58 21.5 16.2 24.2

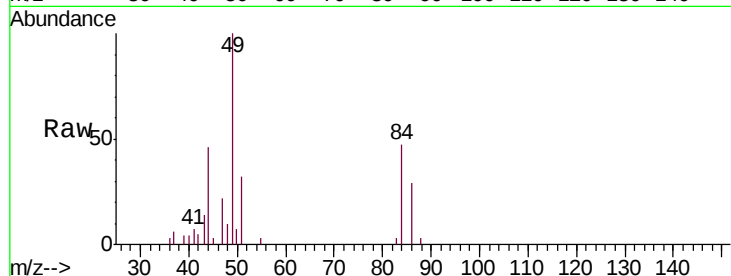




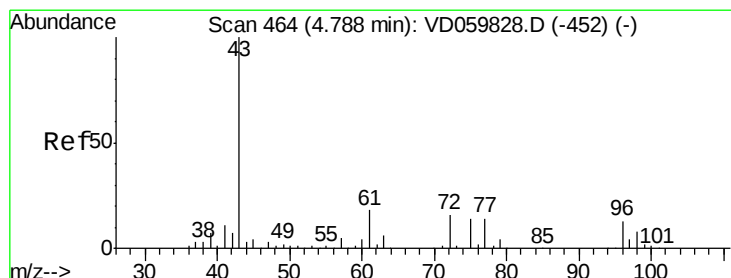
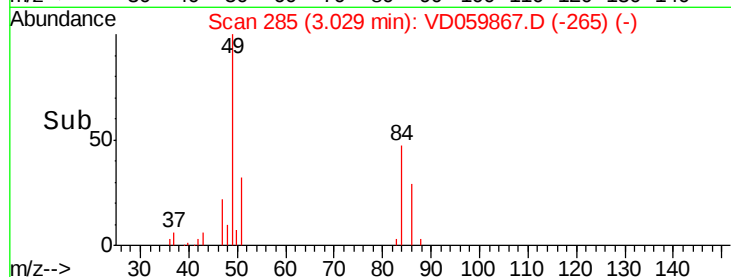
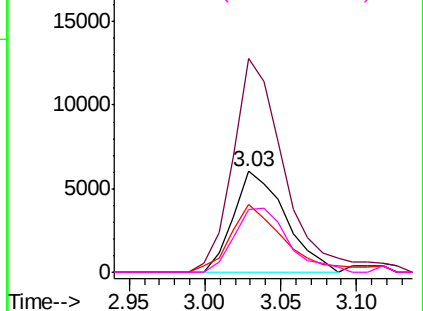
#20
Methylene Chloride
Concen: Below Cal
RT: 3.03 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

Tgt Ion: 84 Resp: 14437
Ion Ratio Lower Upper
84 100
49 212.2 170.4 255.6
51 68.0 51.4 77.0
86 62.1 52.4 78.6

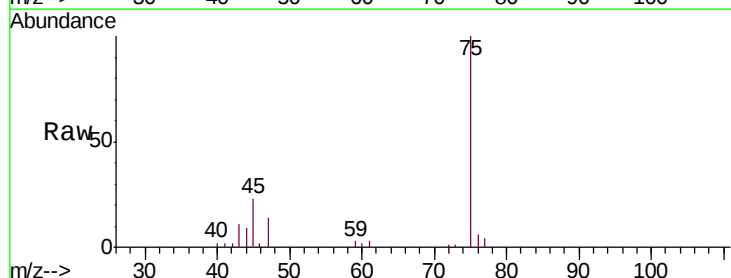


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

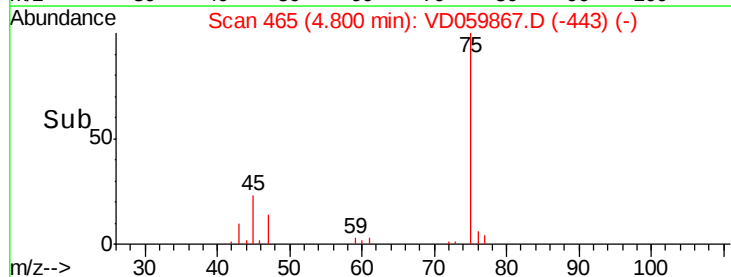
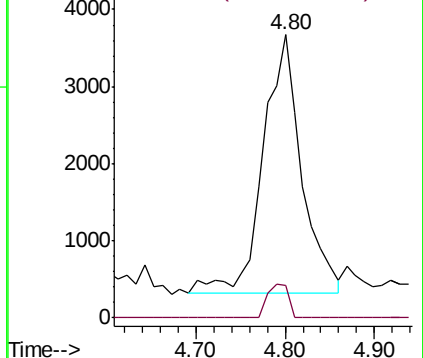


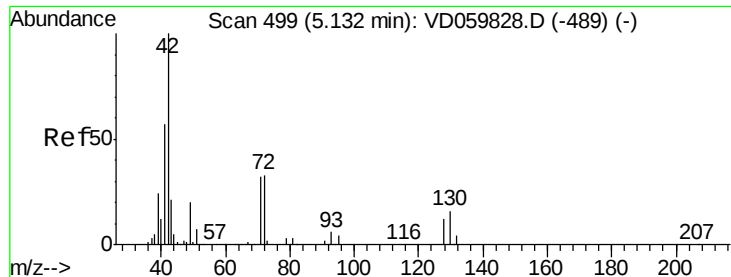
#25
2-Butanone
Concen: 3.918 ug/l
RT: 4.80 min Scan# 465
Delta R.T. 0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 9979
Ion Ratio Lower Upper
43 100
72 11.4 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: 3.107 ug/l

RT: 5.14 min Scan# 500

Delta R.T. 0.01 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

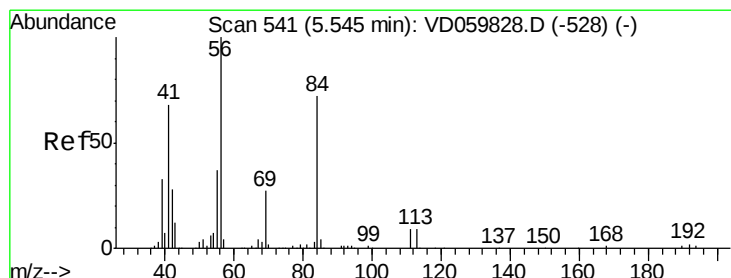
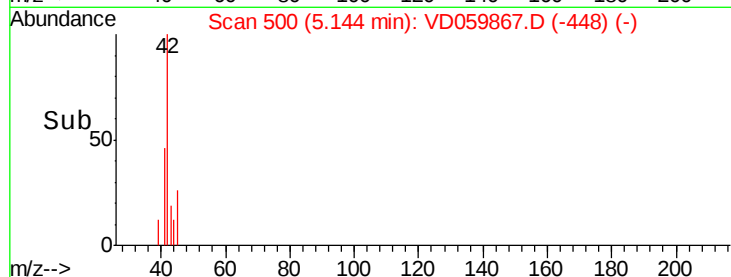
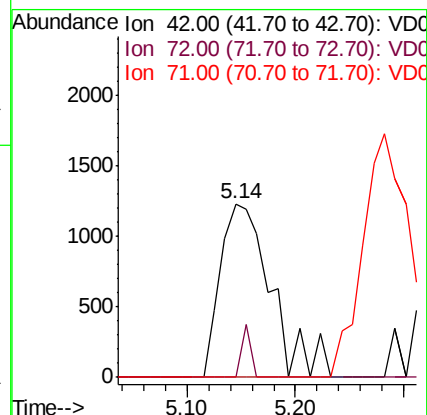
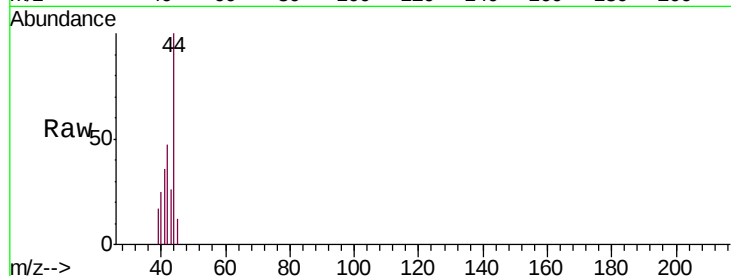
Tgt Ion: 42 Resp: 4007

Ion Ratio Lower Upper

42 100

72 5.5 25.8 38.6#

71 0.0 25.7 38.5#



#31

Cyclohexane

Concen: Below Cal

RT: 5.55 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

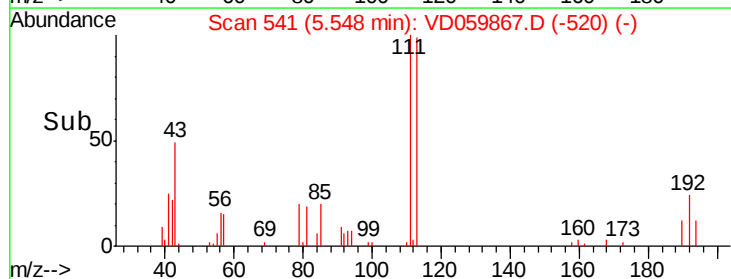
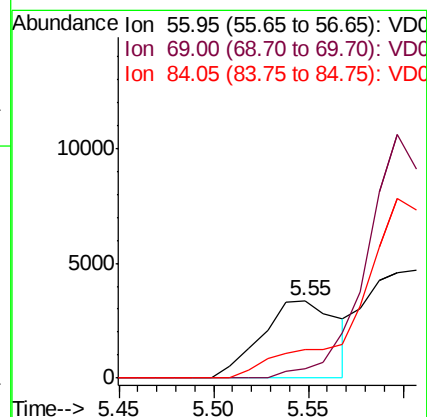
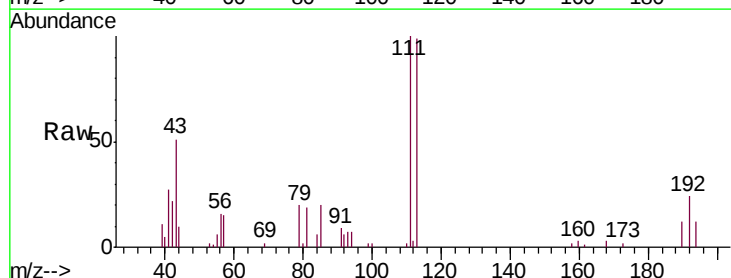
Tgt Ion: 56 Resp: 9436

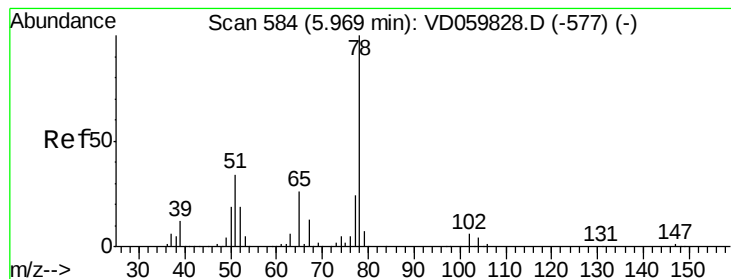
Ion Ratio Lower Upper

56 100

69 12.8 21.7 32.5#

84 36.5 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

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MSVOA_D

ClientSampleId :

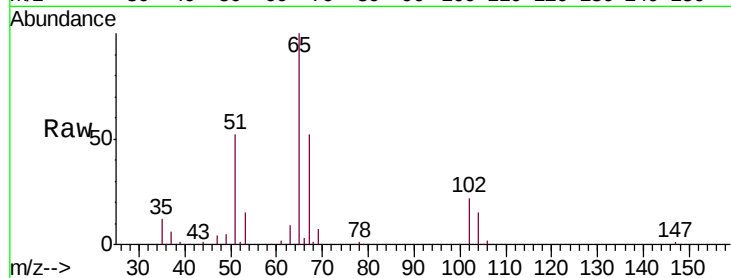
RA-081718-SSW-115-050

Tgt Ion: 65 Resp: 365218

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

5.98

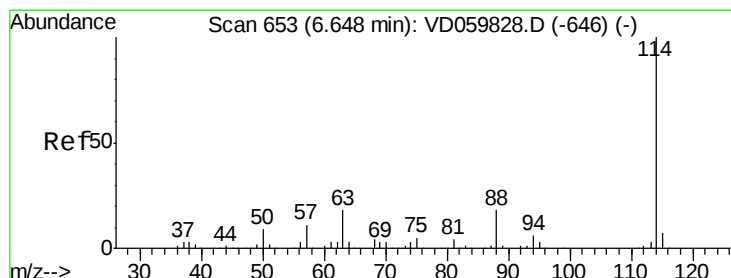
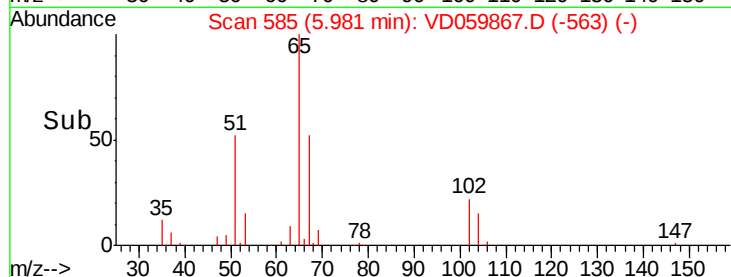
150000

100000

50000

0

Time--> 5.80 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

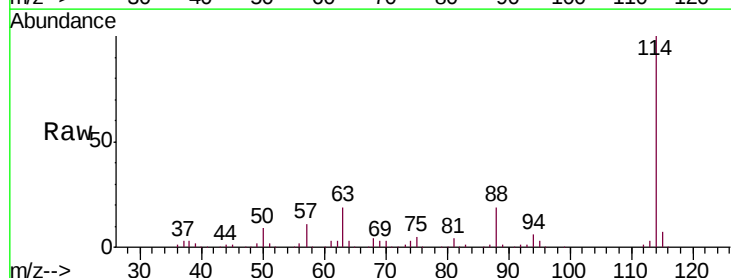
Tgt Ion: 114 Resp: 1011987

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 19.3 0.0 37.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

6.65

500000

400000

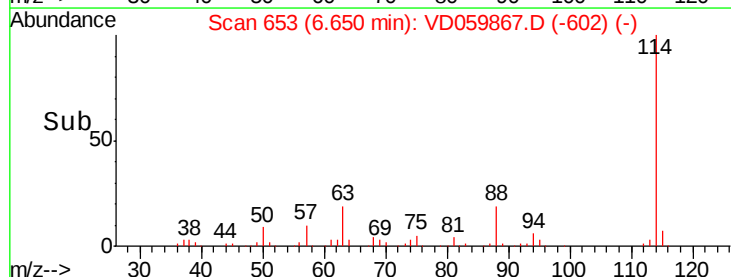
300000

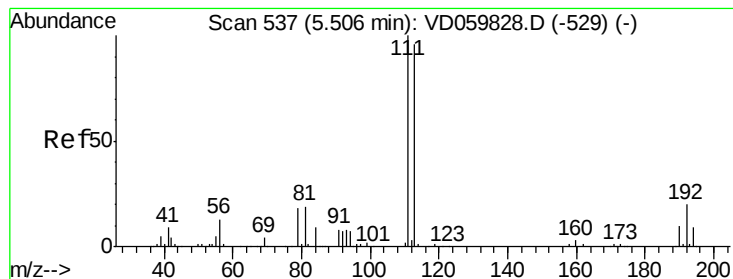
200000

100000

0

Time--> 6.60 6.80





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.51 min Scan# 537

Delta R.T. 0.00 min

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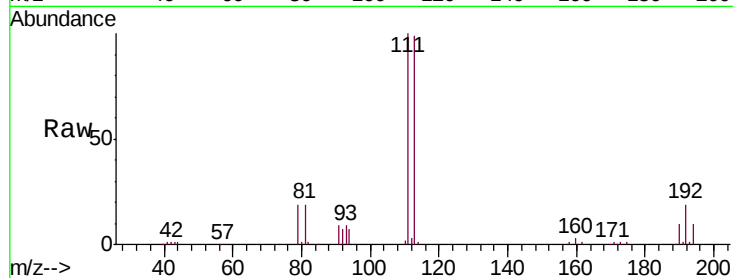
Tgt Ion:113 Resp: 462215

Ion Ratio Lower Upper

113 100

111 101.3 83.3 124.9

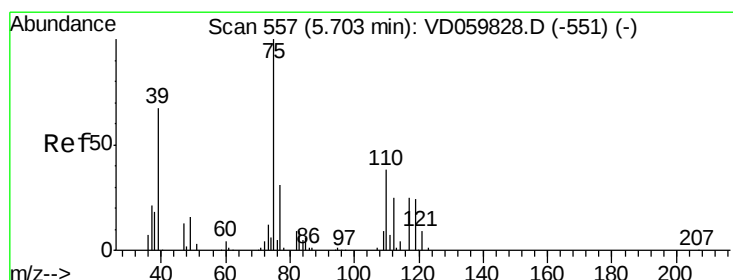
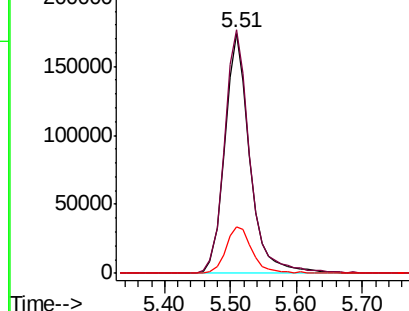
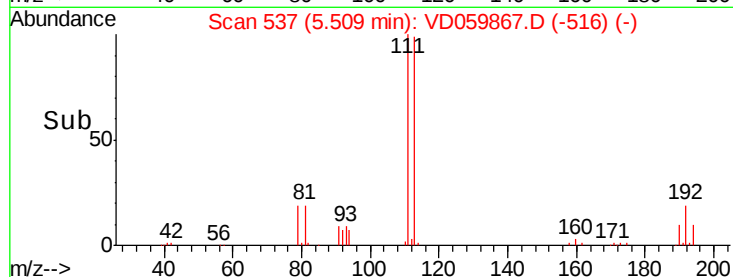
192 19.2 16.8 25.2



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: 5.060 ug/l

RT: 5.60 min Scan# 546

Delta R.T. -0.11 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

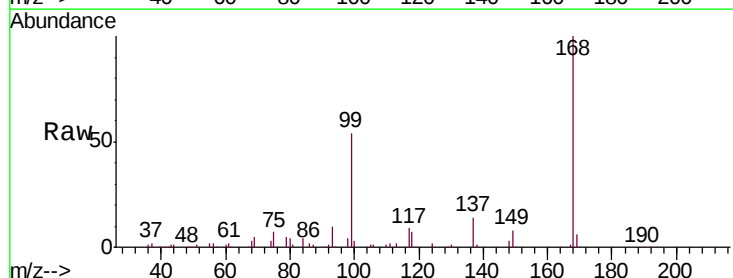
Tgt Ion: 75 Resp: 43431

Ion Ratio Lower Upper

75 100

110 8.0 18.8 56.4#

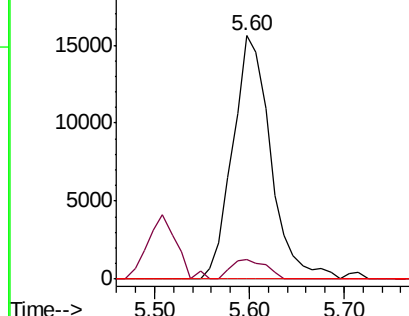
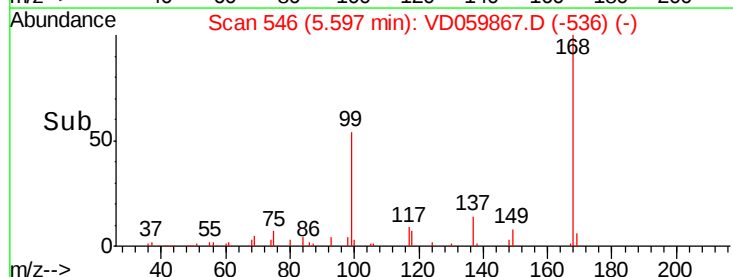
77 0.0 24.9 37.3#

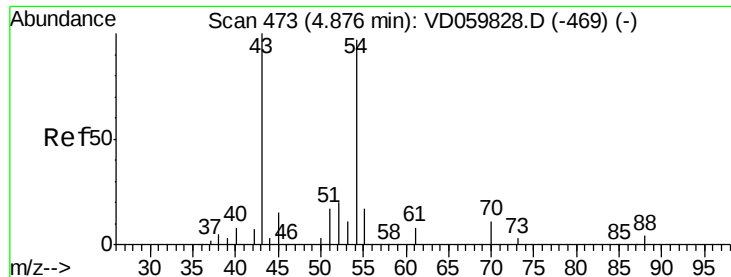


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 1.420 ug/l

RT: 4.80 min Scan# 465

Delta R.T. -0.08 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

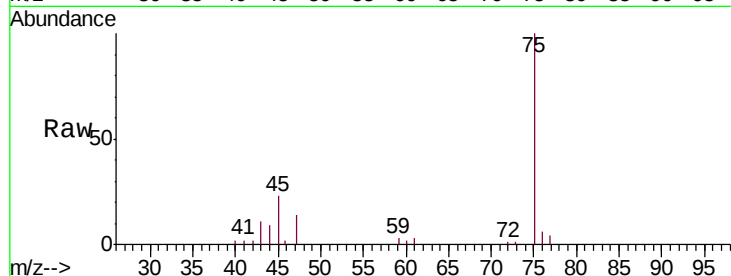
Tgt Ion: 43 Resp: 9032

Ion Ratio Lower Upper

43 100

61 22.7 10.4 15.6#

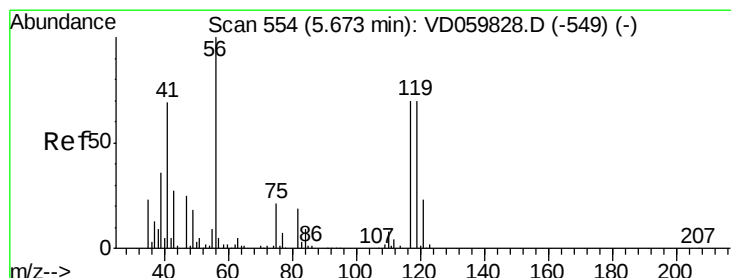
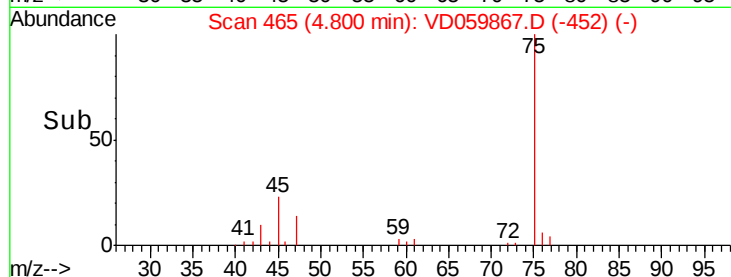
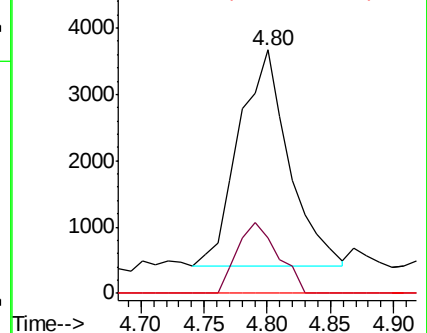
70 0.0 6.2 9.2#



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: 5.915 ug/l

RT: 5.60 min Scan# 546

Delta R.T. -0.08 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

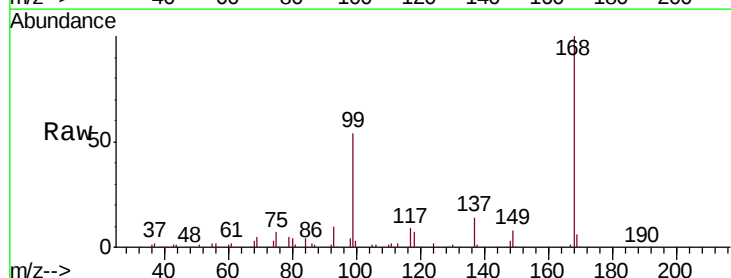
Tgt Ion: 117 Resp: 50665

Ion Ratio Lower Upper

117 100

119 4.9 77.0 115.4#

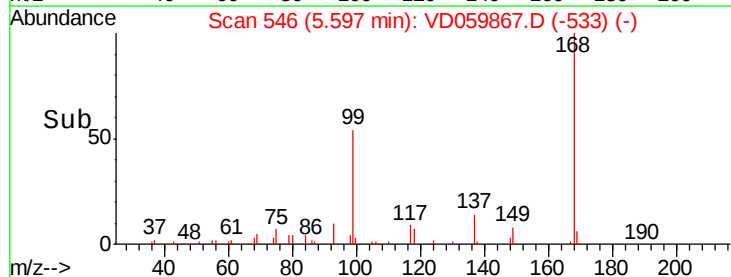
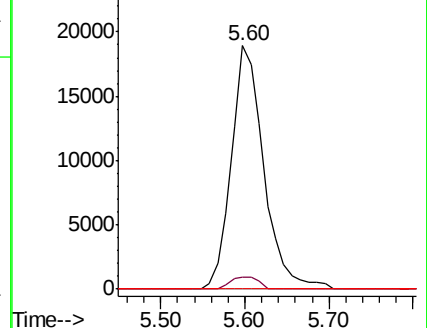
121 0.0 24.7 37.1#

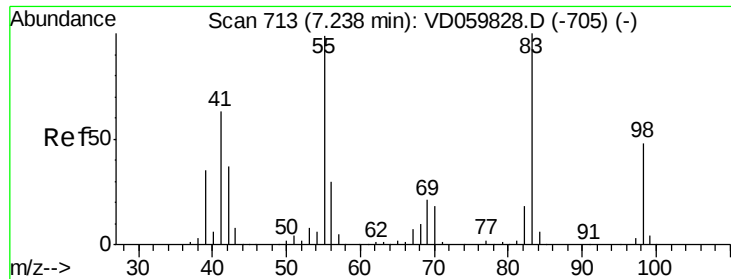


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

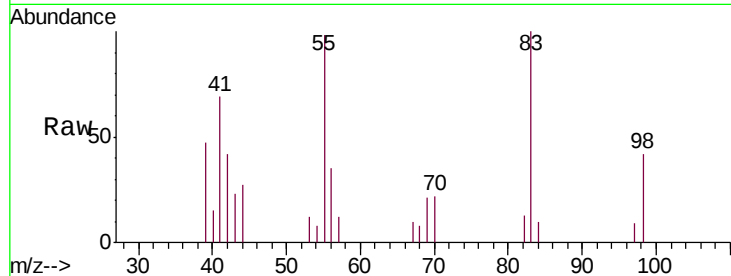




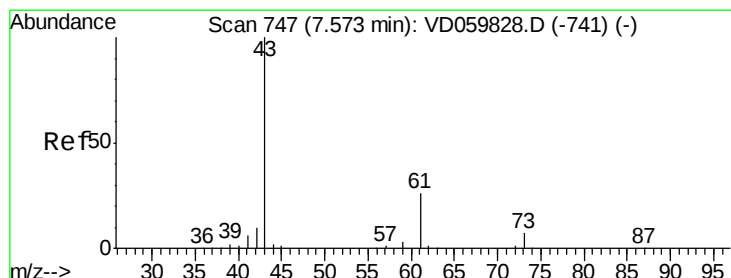
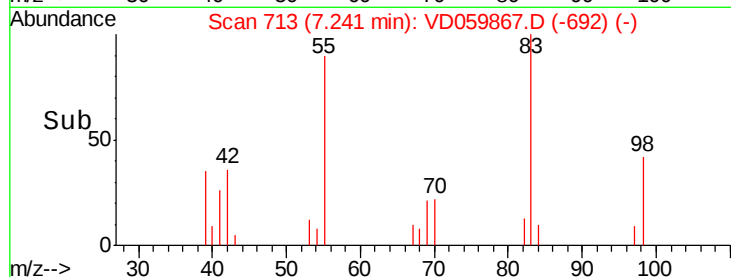
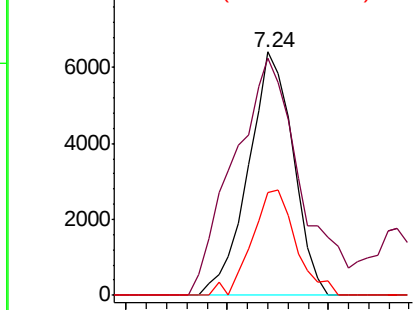
#39
Methylcyclohexane
Concen: 2.157 ug/l
RT: 7.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

Tgt Ion: 83 Resp: 19804
Ion Ratio Lower Upper
83 100
55 97.6 79.0 118.6
98 42.3 38.1 57.1

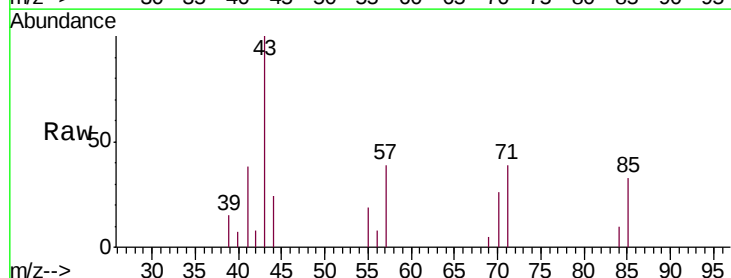


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

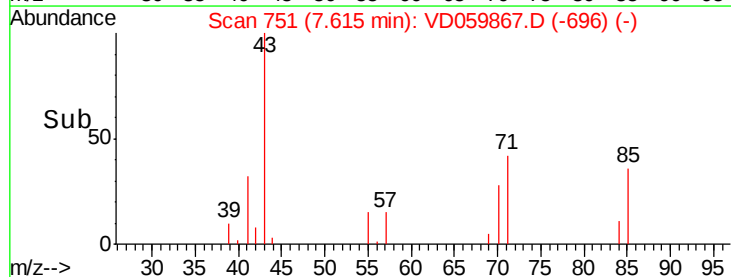
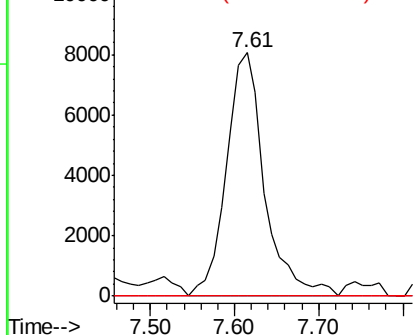


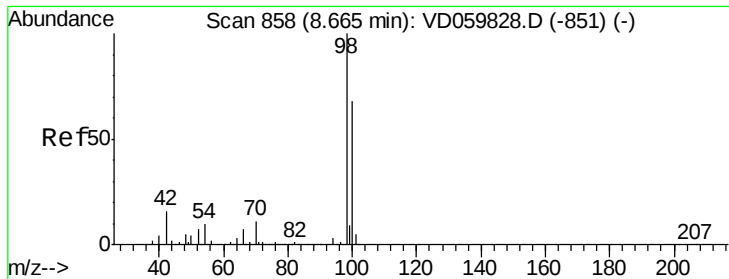
#43
Isopropyl Acetate
Concen: 2.883 ug/l
RT: 7.61 min Scan# 751
Delta R.T. 0.04 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 25368
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: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

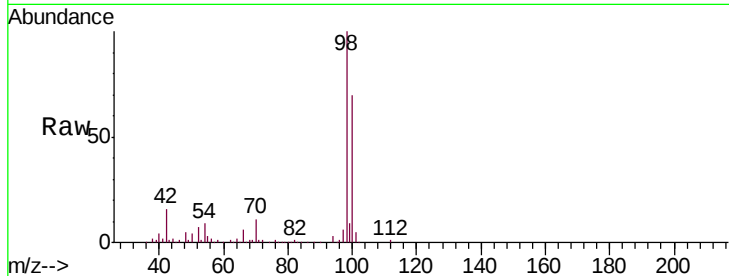
RA-081718-SSW-115-050

Tgt Ion: 98 Resp: 826869

Ion Ratio Lower Upper

98 100

100 69.7 55.0 82.4



Abundance Ion 98.05 (97.75 to 98.75): VD059828.D (-851) (-)

Ion 100.05 (99.75 to 100.75): VD059828.D (-851) (-)

8.68

400000

300000

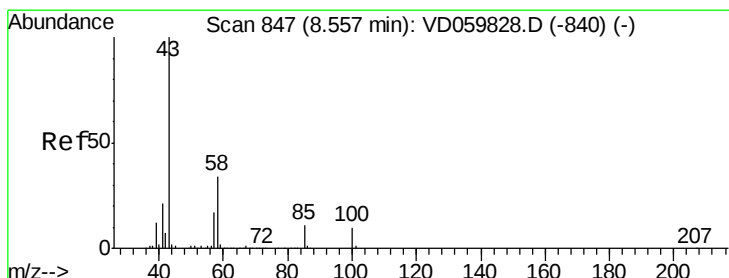
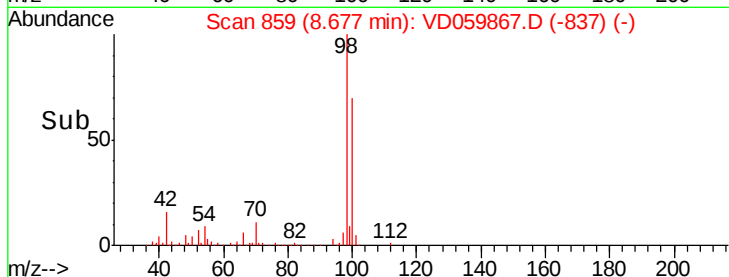
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 2.205 ug/l

RT: 8.56 min Scan# 847

Delta R.T. 0.00 min

Lab File: VD059867.D

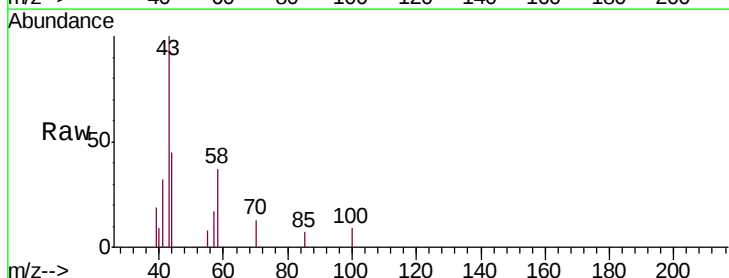
Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 12975

Ion Ratio Lower Upper

43 100

58 37.4 27.0 40.4



Abundance Ion 42.95 (42.65 to 43.65): VD059828.D (-840) (-)

Ion 57.95 (57.65 to 58.65): VD059828.D (-840) (-)

8.56

6000

5000

4000

3000

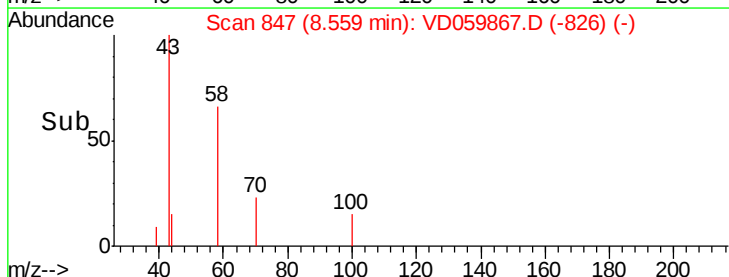
2000

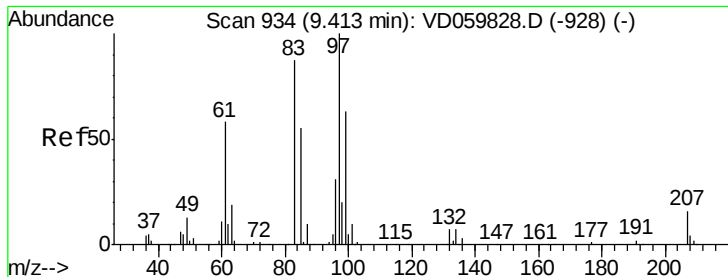
1000

0

8.50 8.55 8.60 8.65

Time-->





#55

1,1,2-Trichloroethane

Concen: 2.990 ug/l

RT: 9.34 min Scan# 926

Delta R.T. -0.08 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

Tgt Ion: 97 Resp: 15175

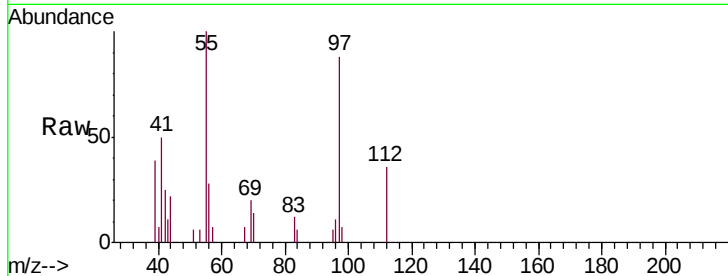
Ion Ratio Lower Upper

97 100

83 13.2 69.2 103.8#

85 0.0 44.3 66.5#

99 0.0 50.6 76.0#

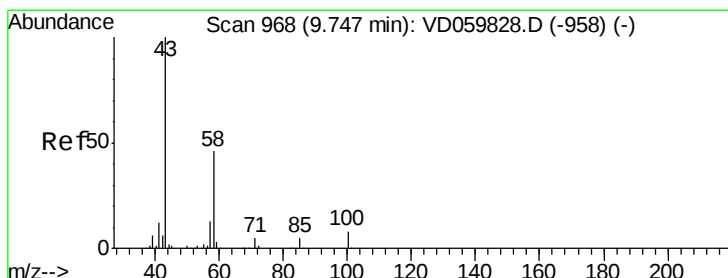
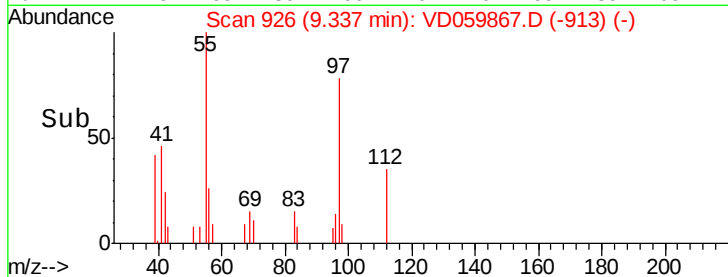
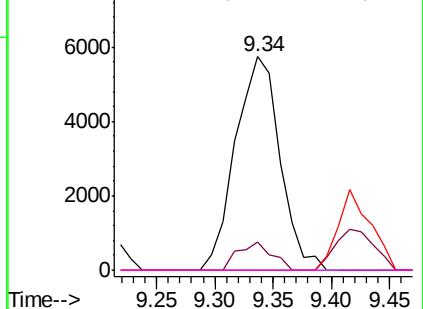


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 18.566 ug/l

RT: 9.71 min Scan# 964

Delta R.T. -0.04 min

Lab File: VD059867.D

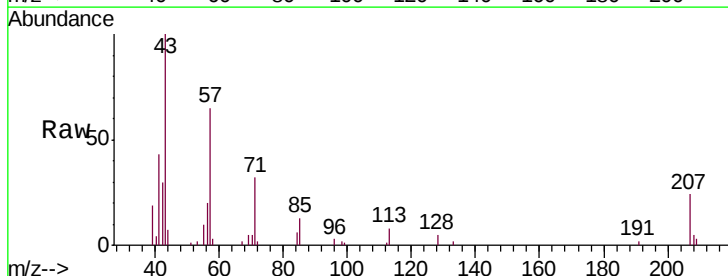
Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 80736

Ion Ratio Lower Upper

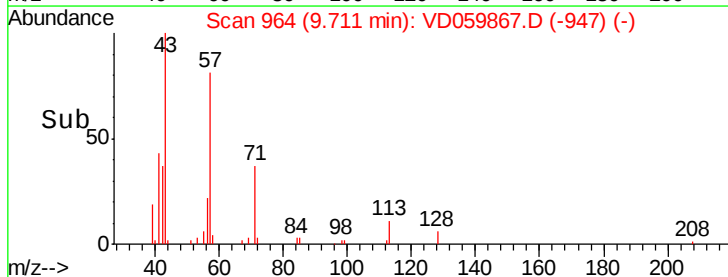
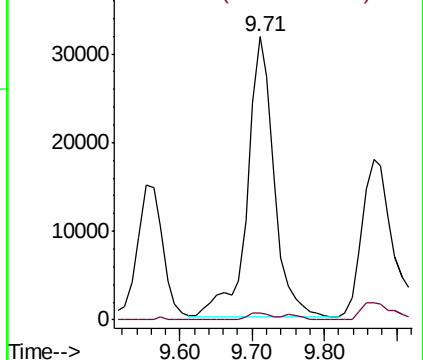
43 100

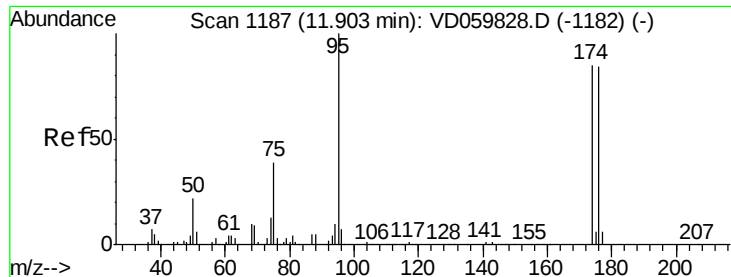
58 2.6 23.1 69.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

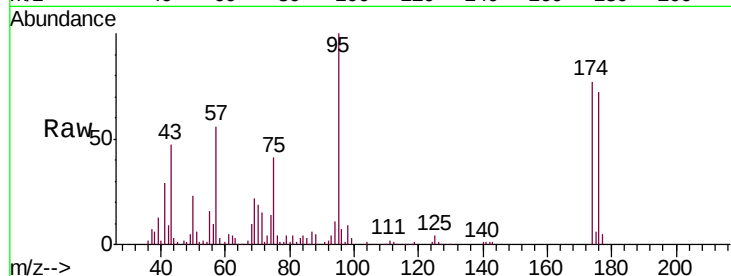
Tgt Ion: 95 Resp: 212350

Ion Ratio Lower Upper

95 100

174 76.5 0.0 169.2

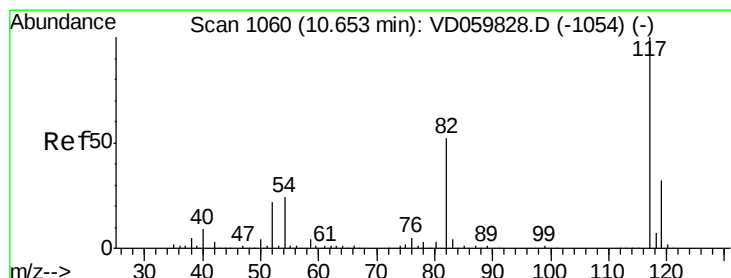
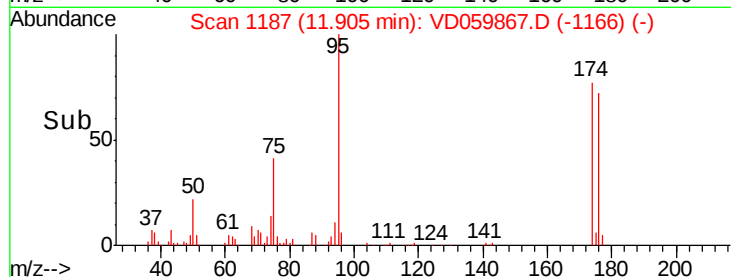
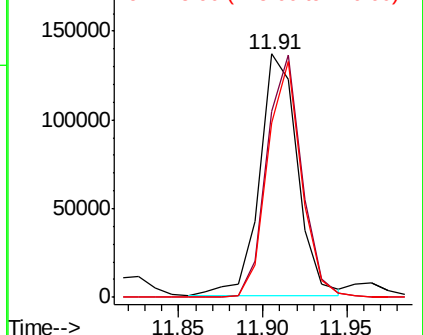
176 71.9 0.0 168.0



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.67 min Scan# 1061

Delta R.T. 0.01 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

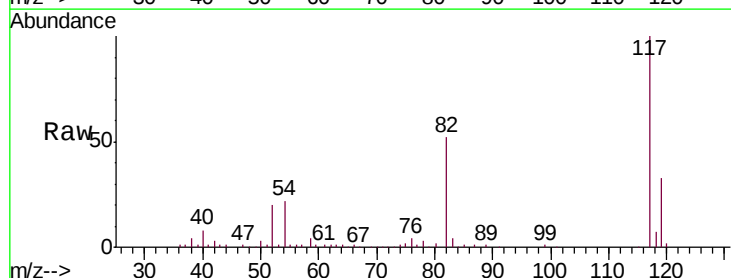
Tgt Ion: 117 Resp: 518895

Ion Ratio Lower Upper

117 100

82 51.5 41.6 62.4

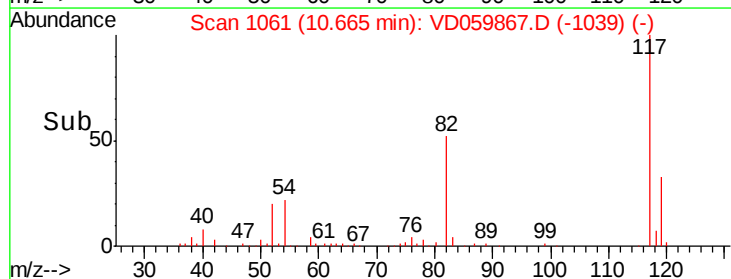
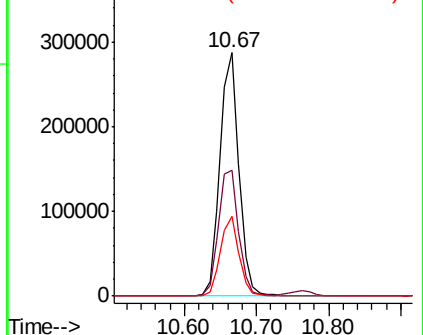
119 32.5 25.6 38.4

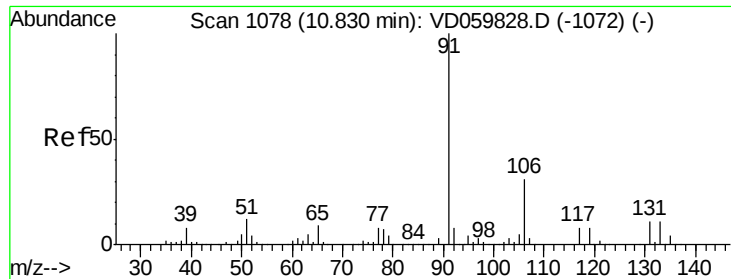


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

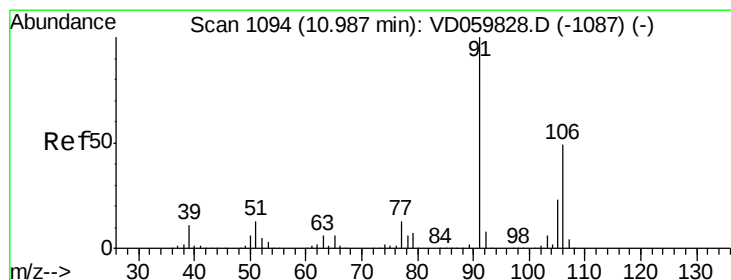
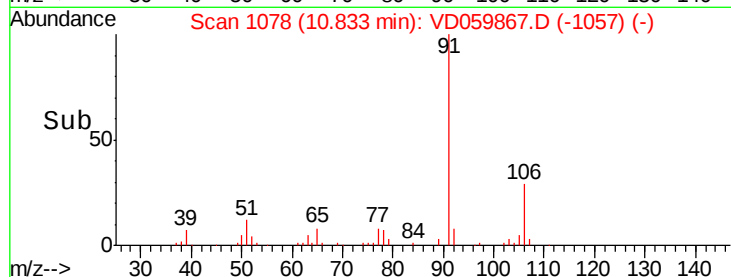
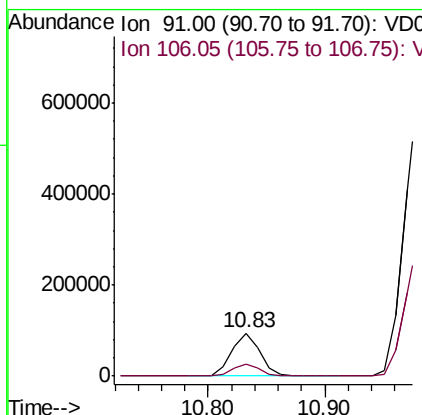
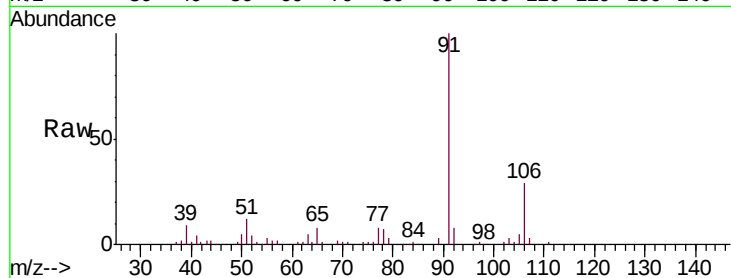




#67
Ethyl Benzene
Concen: 8.573 ug/l
RT: 10.83 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

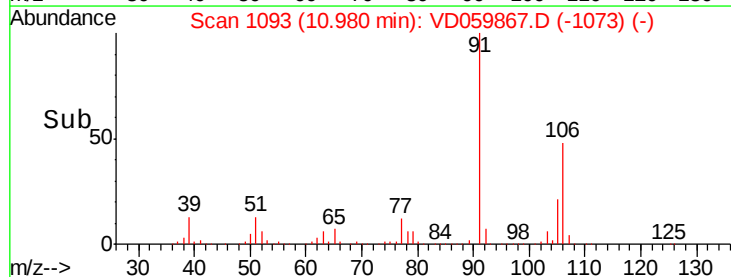
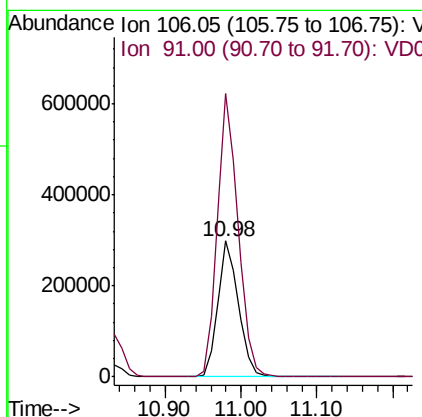
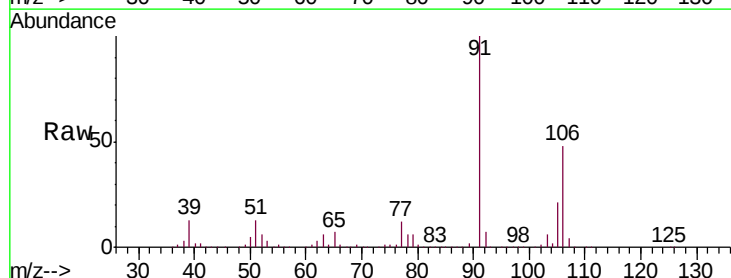
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

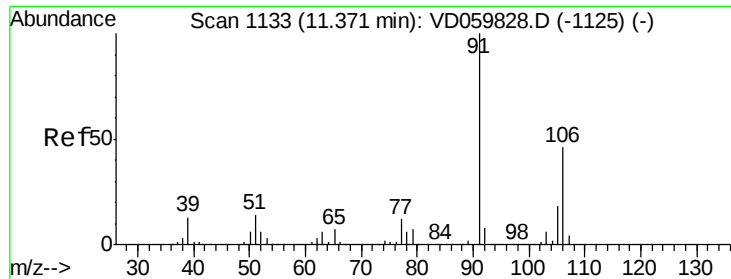
Tgt Ion: 91 Resp: 159635
Ion Ratio Lower Upper
91 100
106 29.3 25.1 37.7



#68
m/p-Xylenes
Concen: 93.868 ug/l
RT: 10.98 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 106 Resp: 570734
Ion Ratio Lower Upper
106 100
91 208.4 161.8 242.8

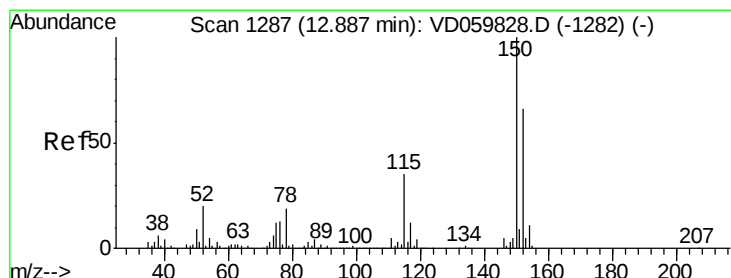
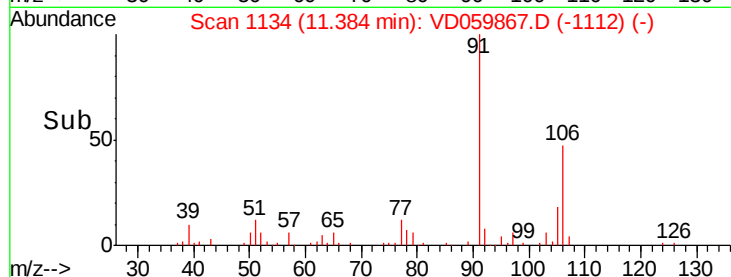
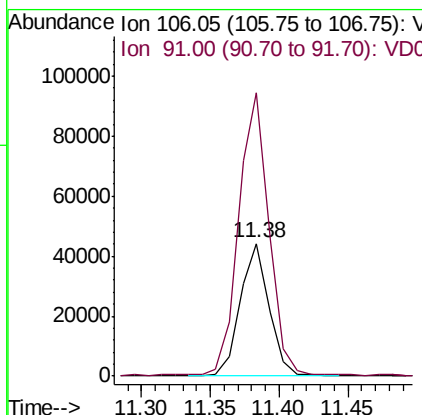
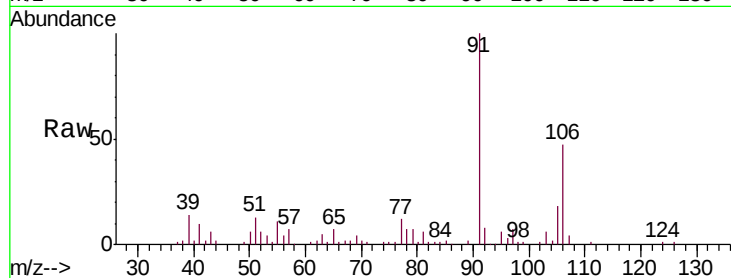




#69
o-Xylene
Concen: 11.097 ug/l
RT: 11.38 min Scan# 1134
Delta R.T. 0.01 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

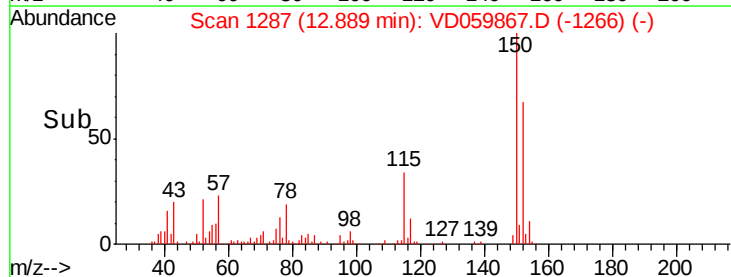
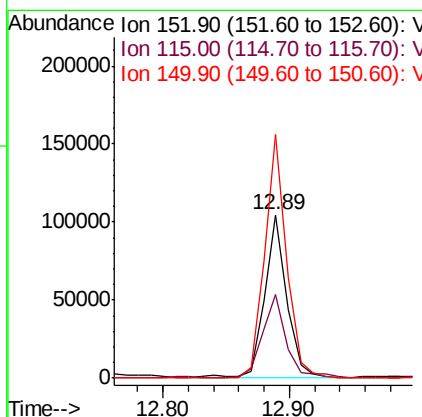
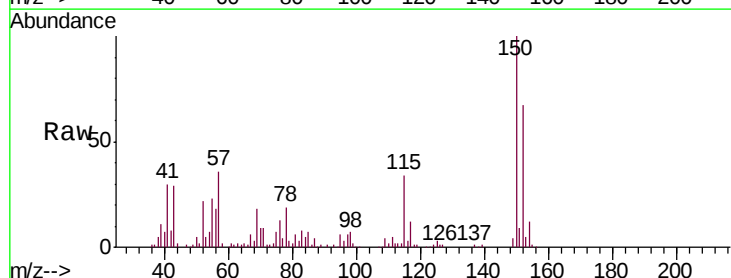
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

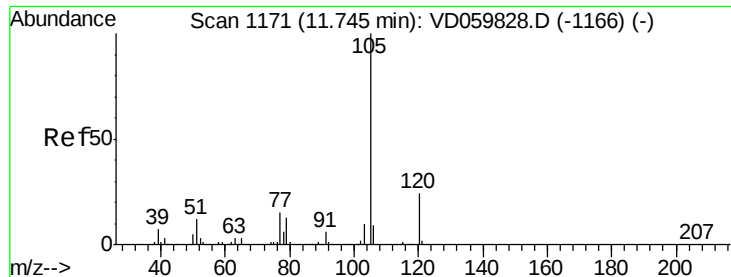
Tgt Ion:106 Resp: 64348
Ion Ratio Lower Upper
106 100
91 212.9 108.5 325.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.89 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion:152 Resp: 128766
Ion Ratio Lower Upper
152 100
115 51.2 26.9 80.6
150 149.3 0.0 306.8





#73

Isopropylbenzene

Concen: 6.255 ug/l

RT: 11.75 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

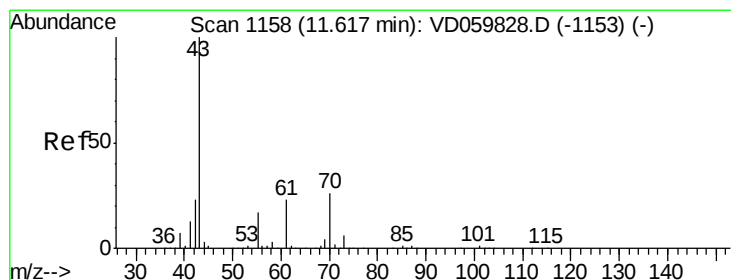
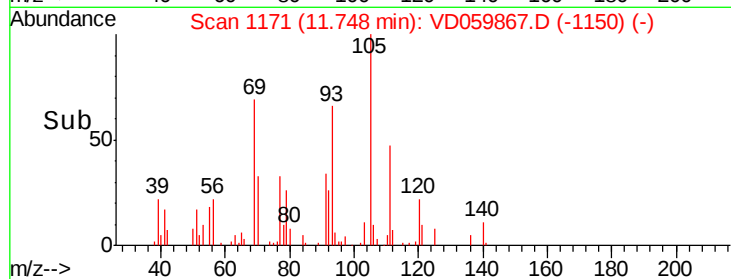
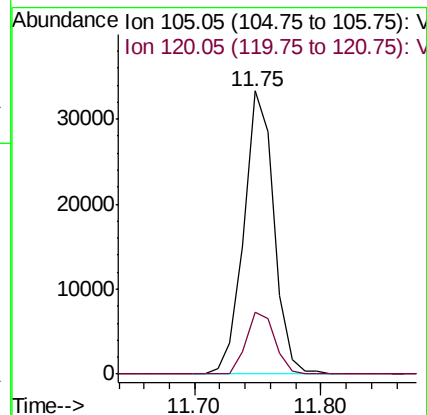
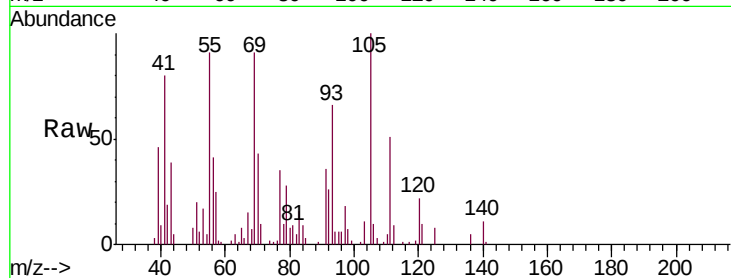
RA-081718-SSW-115-050

Tgt Ion:105 Resp: 54892

Ion Ratio Lower Upper

105 100

120 21.7 11.9 35.5



#74

N-ethyl acetate

Concen: 39.147 ug/l

RT: 11.57 min Scan# 1153

Delta R.T. -0.05 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Tgt Ion: 43 Resp: 153820

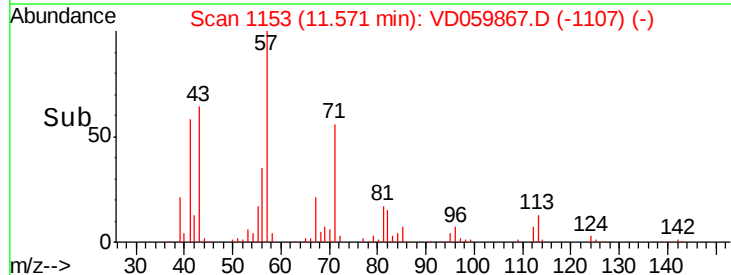
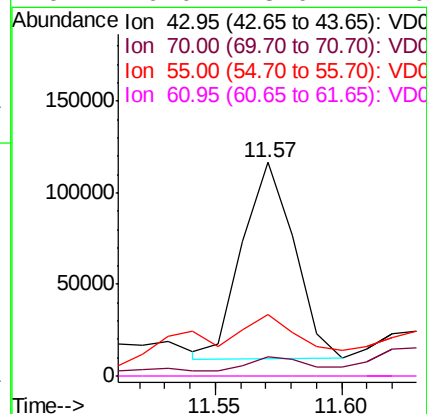
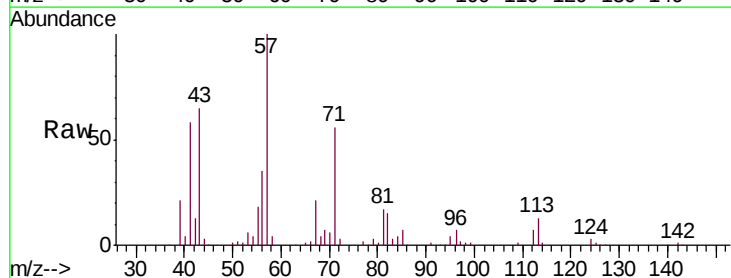
Ion Ratio Lower Upper

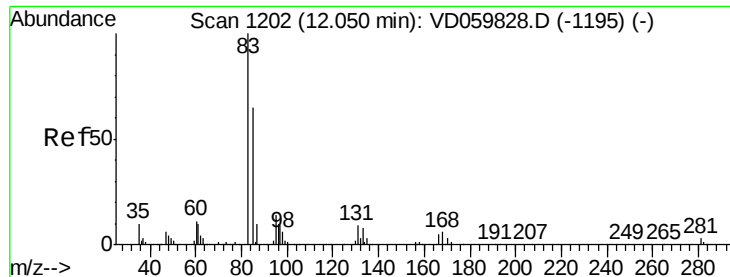
43 100

70 9.2 20.5 30.7#

55 28.5 13.7 20.5#

61 0.0 18.0 27.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 37.376 ug/l

RT: 12.06 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

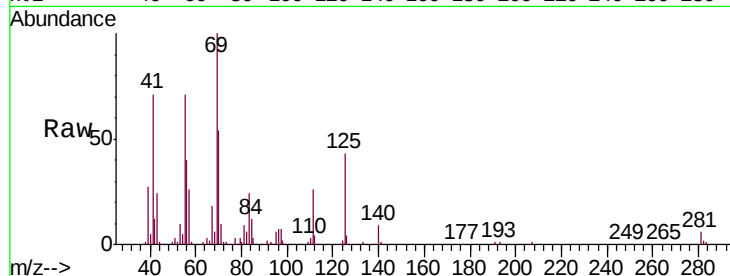
Tgt Ion: 83 Resp: 77309

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

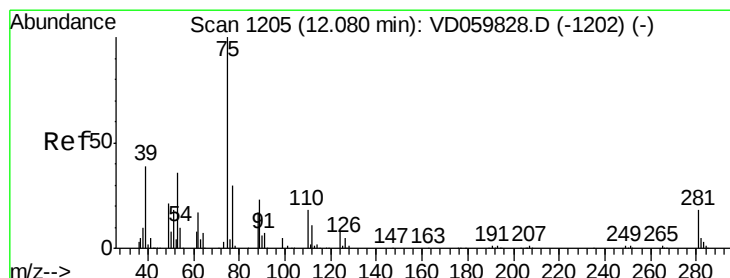
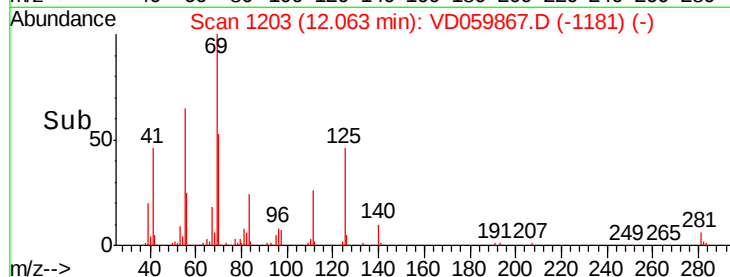
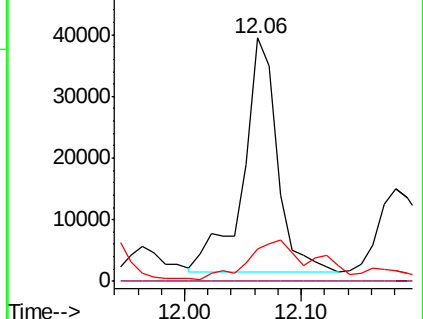
85 13.3 32.5 97.5#



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



#76

1,2,3-Trichloropropane

Concen: 33.272 ug/l

RT: 11.91 min Scan# 1187

Delta R.T. -0.17 min

Lab File: VD059867.D

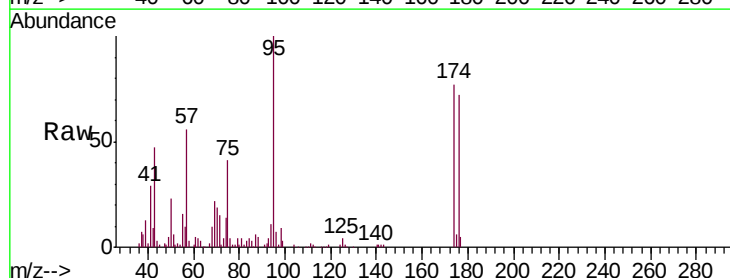
Acq: 21 Aug 2018 20:37

Tgt Ion: 75 Resp: 70879

Ion Ratio Lower Upper

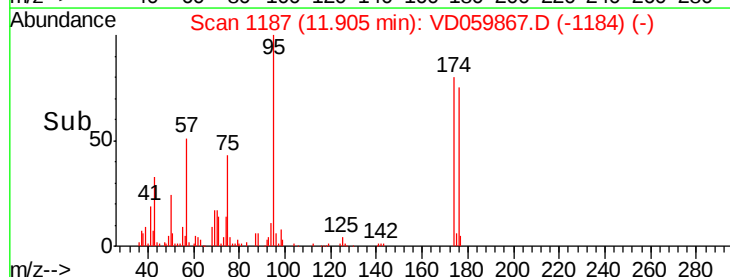
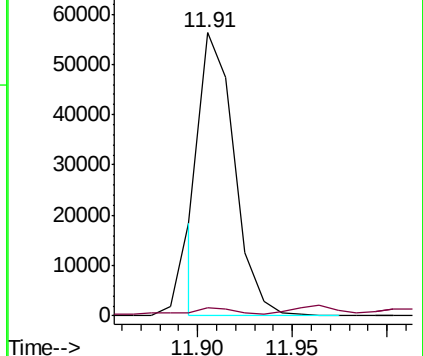
75 100

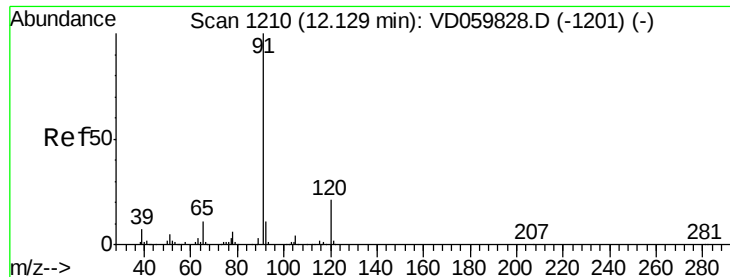
77 3.0 16.0 47.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

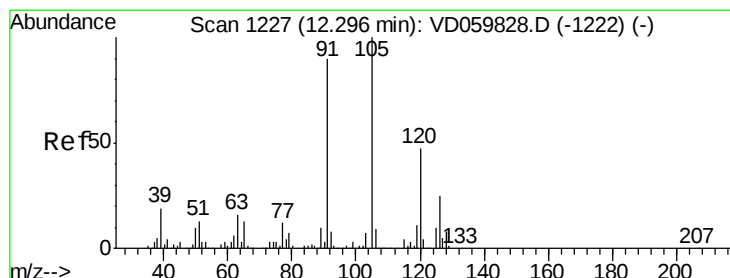
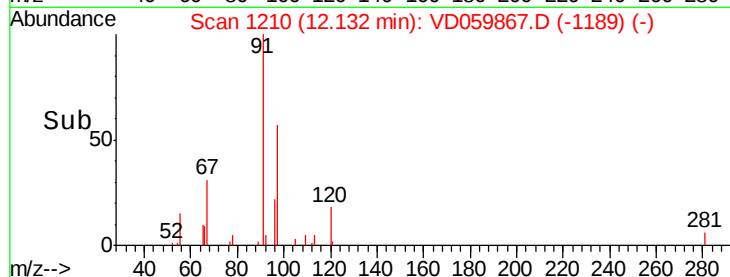
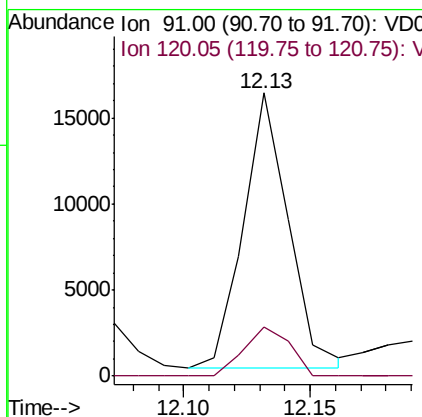
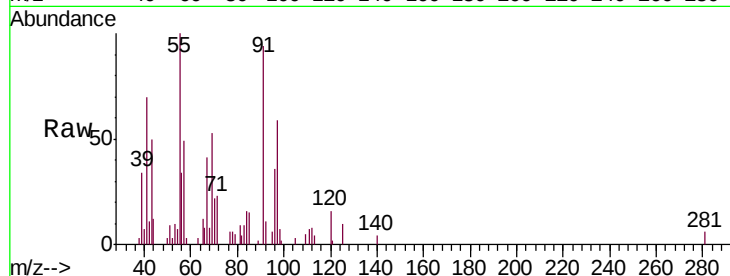




#78
n-propylbenzene
Concen: 1.816 ug/l
RT: 12.13 min Scan# 1210
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

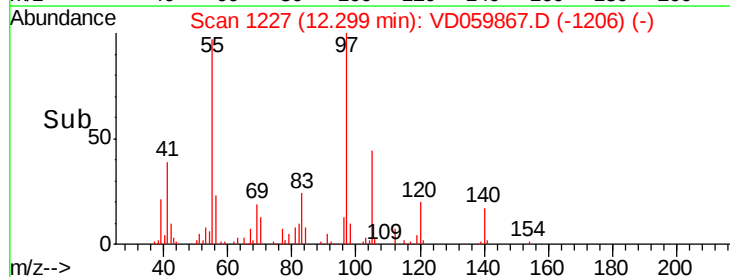
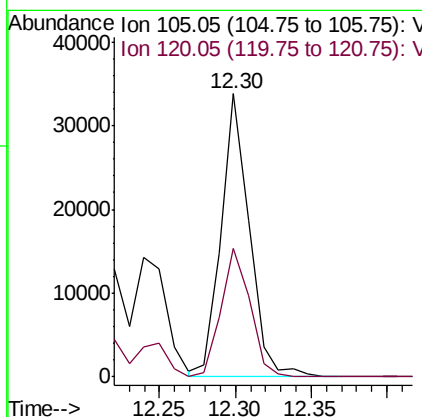
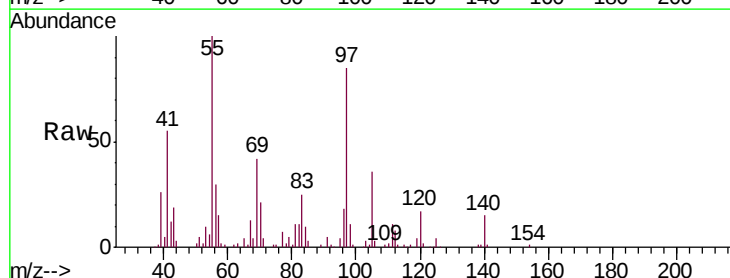
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

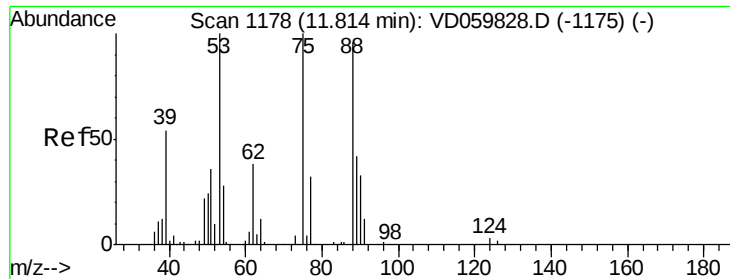
Tgt Ion: 91 Resp: 19798
Ion Ratio Lower Upper
91 100
120 17.1 10.5 31.5



#80
1,3,5-Trimethylbenzene
Concen: 5.321 ug/l
RT: 12.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 105 Resp: 44096
Ion Ratio Lower Upper
105 100
120 45.5 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 124.494 ug/l

RT: 11.91 min Scan# 1187

Delta R.T. 0.09 min

Lab File: VD059867.D

Acq: 21 Aug 2018 20:37

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050

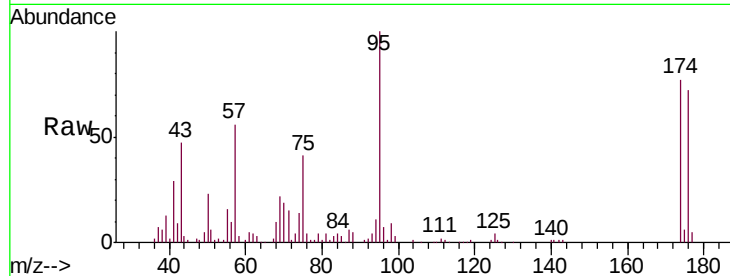
Tgt Ion: 75 Resp: 82906

Ion Ratio Lower Upper

75 100

53 5.8 80.7 121.1#

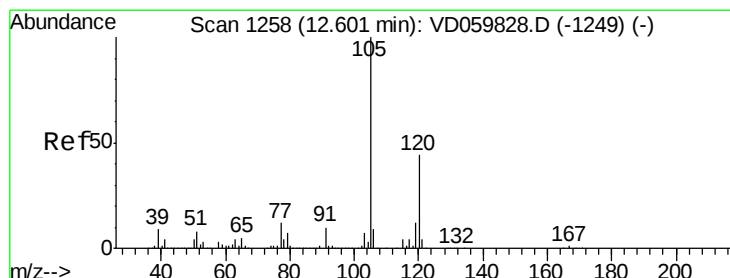
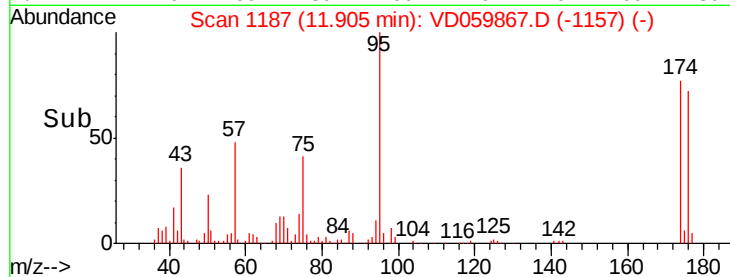
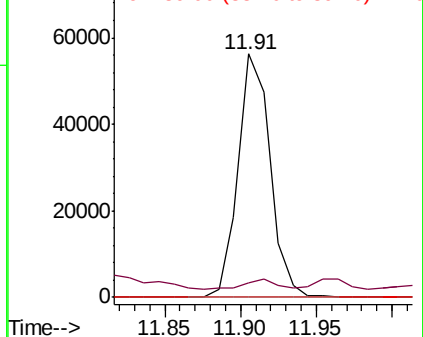
89 0.0 33.9 50.9#



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: 12.409 ug/l

RT: 12.60 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VD059867.D

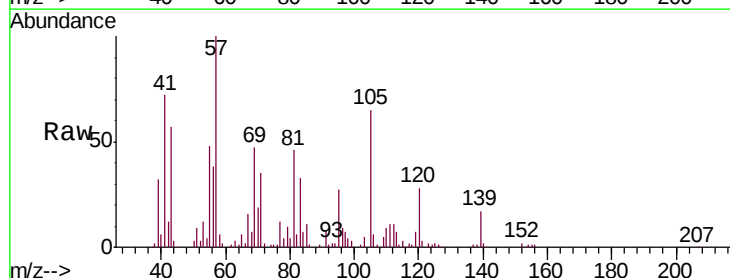
Acq: 21 Aug 2018 20:37

Tgt Ion: 105 Resp: 89599

Ion Ratio Lower Upper

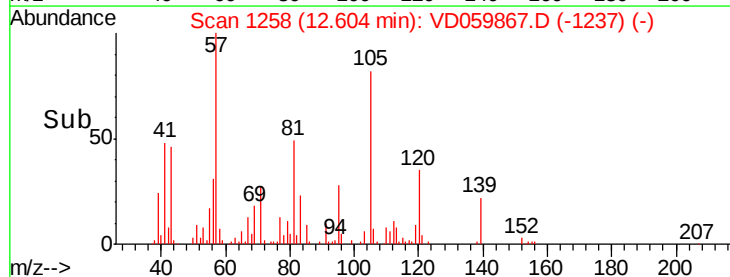
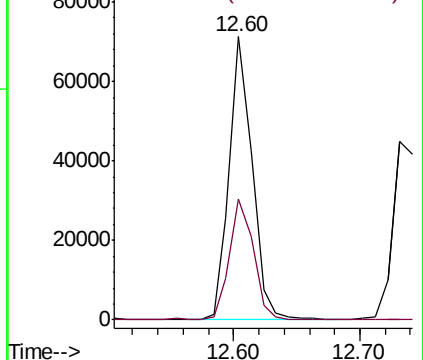
105 100

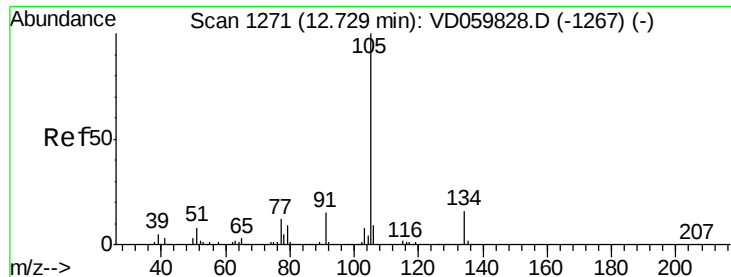
120 42.8 22.0 66.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

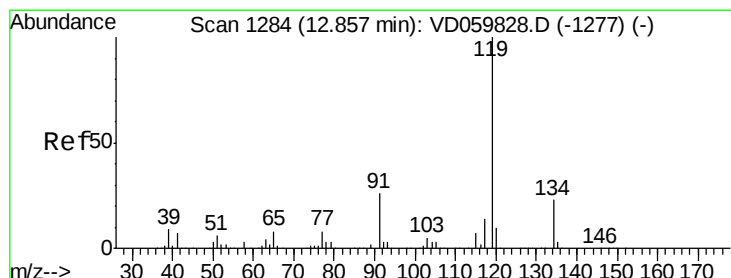
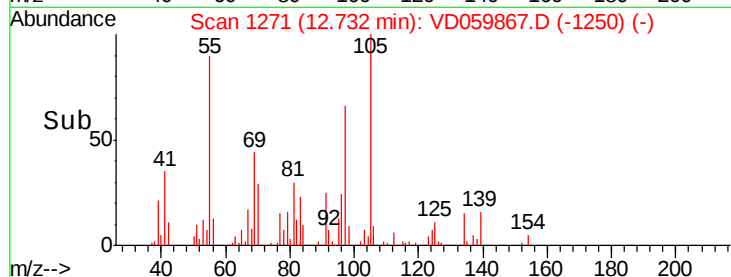
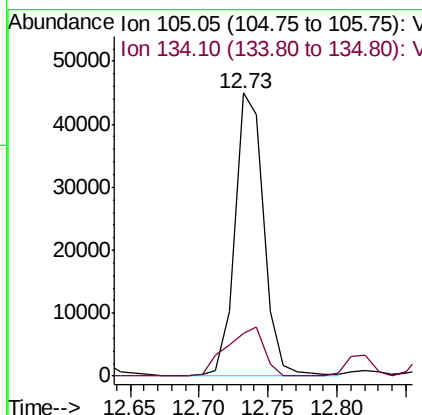
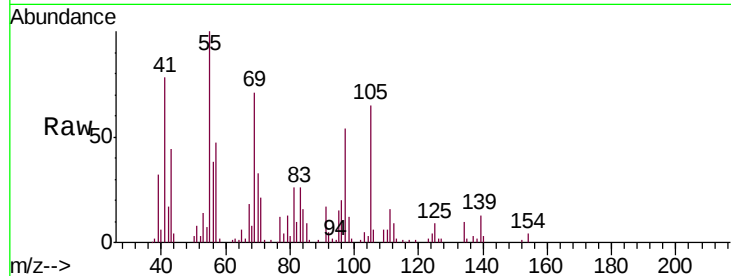




#85
 sec-Butylbenzene
 Concen: 7.192 ug/l
 RT: 12.73 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

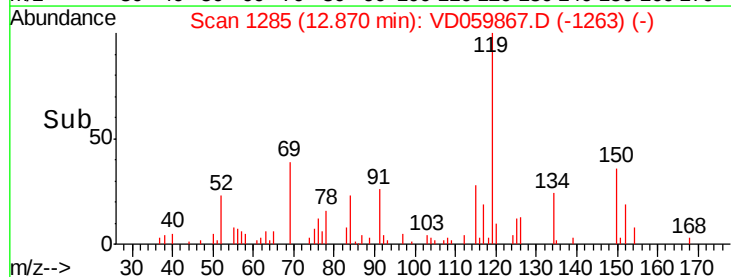
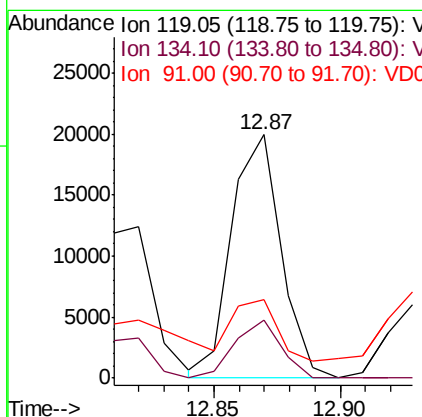
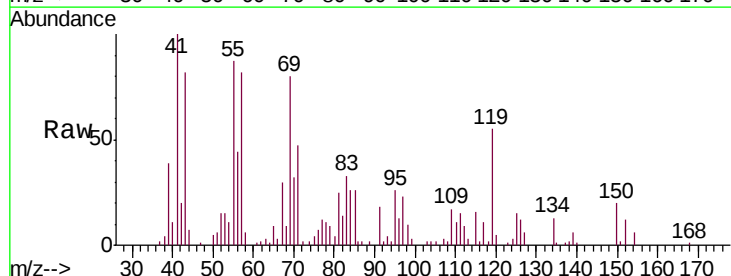
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050

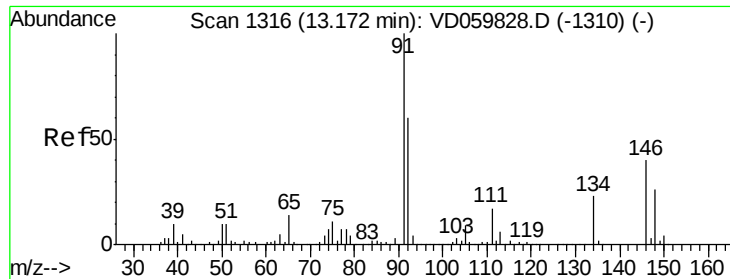
Tgt Ion:105 Resp: 66031
 Ion Ratio Lower Upper
 105 100
 134 15.1 7.8 23.5



#86
 p-Isopropyltoluene
 Concen: 3.780 ug/l
 RT: 12.87 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

Tgt Ion:119 Resp: 27223
 Ion Ratio Lower Upper
 119 100
 134 23.8 11.5 34.5
 91 32.1 13.2 39.6

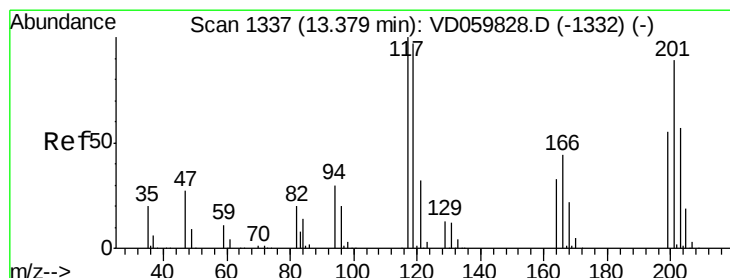
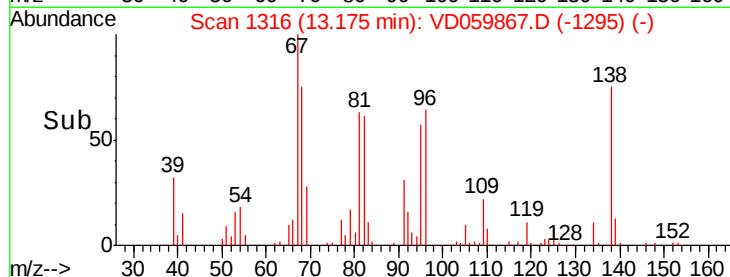
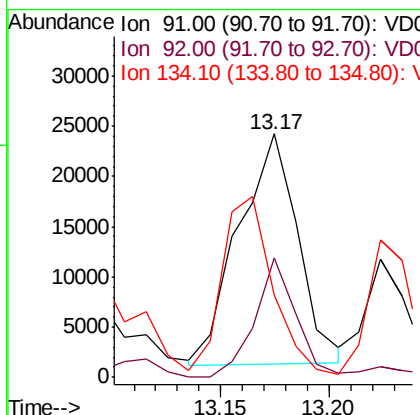
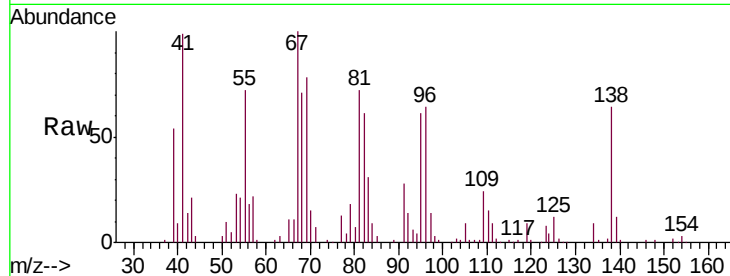




#89
n-Butylbenzene
Concen: 3.594 ug/l
RT: 13.17 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

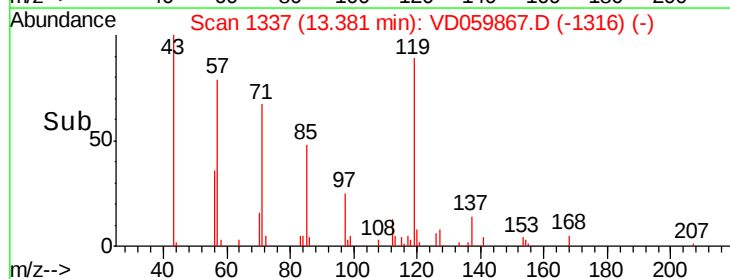
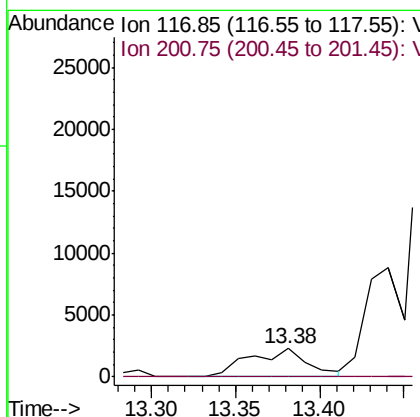
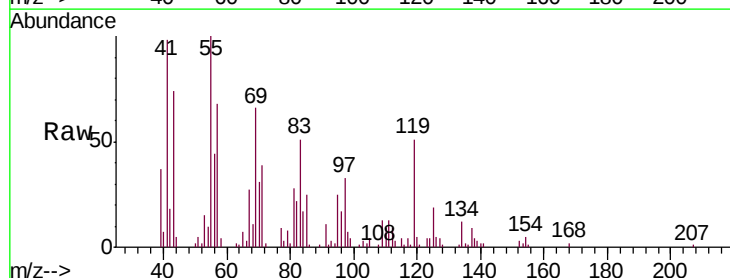
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050

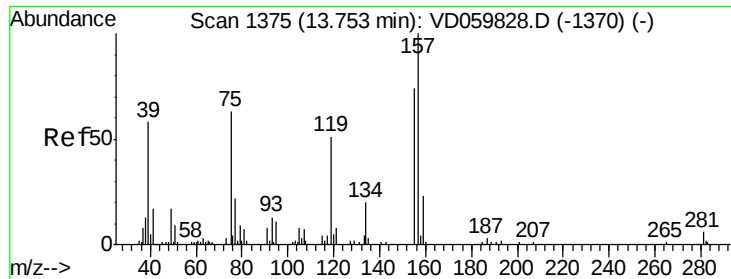
Tgt Ion: 91 Resp: 43831
Ion Ratio Lower Upper
91 100
92 49.0 29.8 89.5
134 33.9 11.5 34.4



#90
Hexachloroethane
Concen: 2.668 ug/l
RT: 13.38 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VD059867.D
Acq: 21 Aug 2018 20:37

Tgt Ion: 117 Resp: 5482
Ion Ratio Lower Upper
117 100
201 0.0 44.6 134.0#

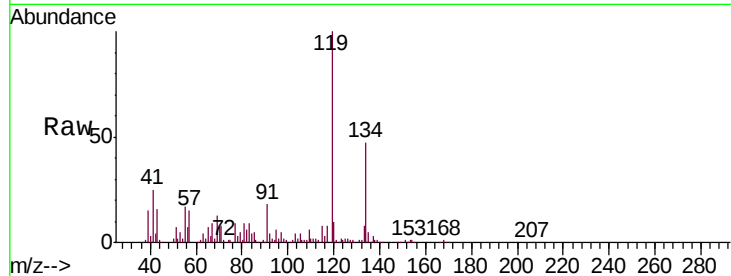




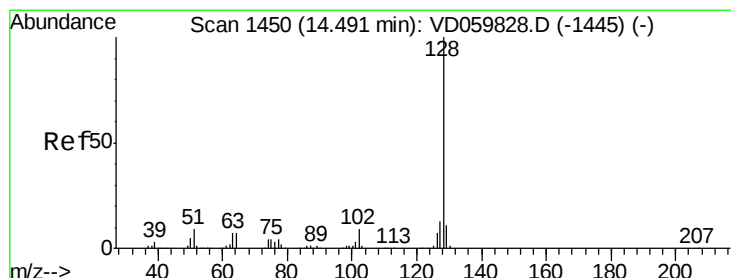
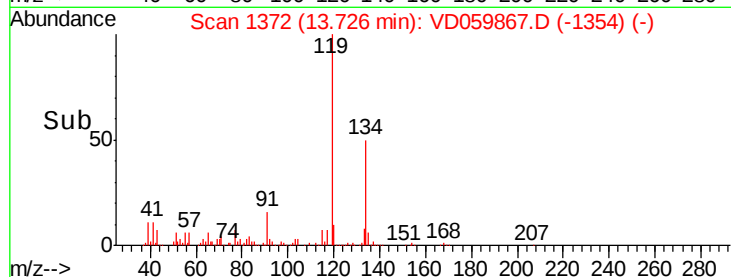
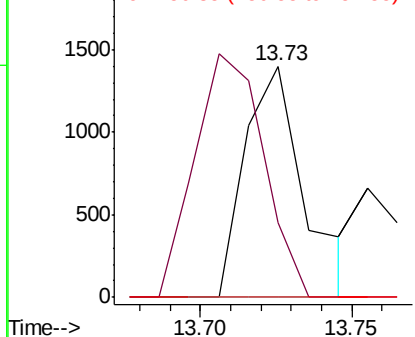
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.171 ug/l
 RT: 13.73 min Scan# 1372
 Delta R.T. -0.03 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050

Tgt Ion: 75 Resp: 1900
 Ion Ratio Lower Upper
 75 100
 155 32.2 59.1 177.3#
 157 0.0 79.7 238.9#

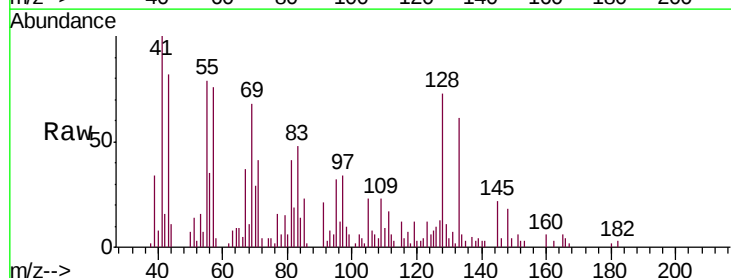


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

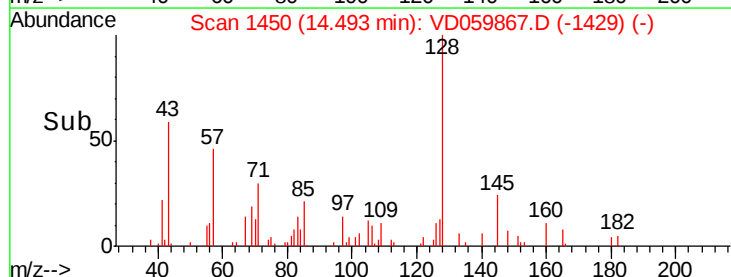
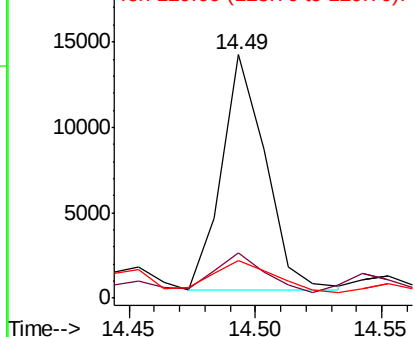


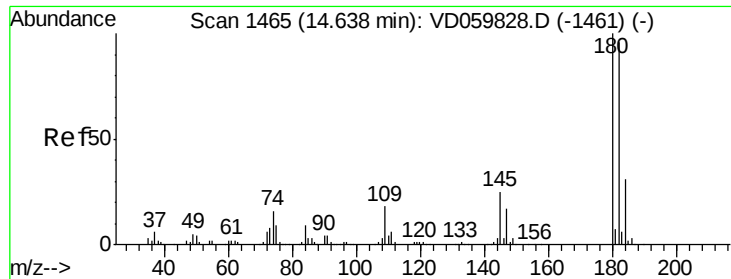
#95
 Naphthalene
 Concen: 3.424 ug/l
 RT: 14.49 min Scan# 1450
 Delta R.T. 0.00 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

Tgt Ion: 128 Resp: 16490
 Ion Ratio Lower Upper
 128 100
 127 18.4 10.1 15.1#
 129 15.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

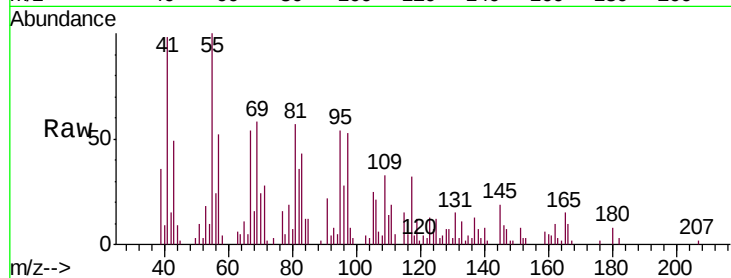




#96
 1,2,3-Trichlorobenzene
 Concen: 1.237 ug/l
 RT: 14.63 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: VD059867.D
 Acq: 21 Aug 2018 20:37

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050

Tgt Ion	Ratio	Lower	Upper
180	100		
182	35.4	47.8	143.4#
145	233.6	12.7	38.0#



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

