

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082318\
 Data File : VD059889.D
 Acq On : 23 Aug 2018 15:39
 Operator : JC/SY
 Sample : J4559-06RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 24 05:25:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	320274	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	612285	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.28	117	348933	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	98309	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	315317	116.81	ug/l	-0.03
Spiked Amount			Recovery	=	233.62%	
35) Dibromofluoromethane	6.31	113	318028	66.25	ug/l	-0.03
Spiked Amount			Recovery	=	132.50%	
50) Toluene-d8	9.45	98	516641	38.78	ug/l	-0.02
Spiked Amount			Recovery	=	77.56%	
62) 4-Bromofluorobenzene	12.42	95	152123	28.11	ug/l	-0.02
Spiked Amount			Recovery	=	56.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.95	59	465	2.26	ug/l #	75
13) Acrolein	2.96	56	1230	13.77	ug/l #	33
16) Acetone	3.15	43	29754	60.50	ug/l	95
17) Carbon Disulfide	3.30	76	3684	1.06	ug/l #	74
18) Methyl Acetate	3.55	43	3326	3.24	ug/l #	66
20) Methylene Chloride	3.70	84	32290	6.61	ug/l	96
25) 2-Butanone	5.62	43	19188	13.17	ug/l	98
29) Tetrahydrofuran	5.95	42	2480	3.58	ug/l #	49
31) Cyclohexane	6.40	56	9191	1.79	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	23480	4.23	ug/l #	48
37) Ethyl Acetate	5.62	43	19188	4.44	ug/l #	79
38) Carbon Tetrachloride	6.40	117	26640	4.76	ug/l #	15
41) Methacrylonitrile	5.95	41	3321	1.53	ug/l #	74
43) Isopropyl Acetate	8.38	43	9774	1.74	ug/l #	49
51) 4-Methyl-2-Pentanone	9.34	43	20241	4.83	ug/l	92
59) 2-Hexanone	10.48	43	4652	1.51	ug/l	88
67) Ethyl Benzene	11.42	91	67897	5.82	ug/l	98
68) m/p-Xylenes	11.55	106	232681	54.78	ug/l	87
69) o-Xylene	11.93	106	30392	7.32	ug/l	86
73) Isopropylbenzene	12.27	105	28676	4.57	ug/l	94
74) N-amyl acetate	12.08	43	62780	22.85	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.58	83	22615	15.58	ug/l #	51
78) n-propylbenzene	12.64	91	11088	1.40	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	22493	4.51	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.42	75	62654	131.82	ug/l #	13
82) 4-Chlorotoluene	12.84	91	5894	1.15	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.09	105	48230	9.27	ug/l	99
85) sec-Butylbenzene	13.22	105	29453	4.41	ug/l	99
86) p-Isopropyltoluene	13.33	119	17167	3.16	ug/l	86
89) n-Butylbenzene	13.64	91	25379	3.32	ug/l #	90
90) Hexachloroethane	13.85	117	2973	2.04	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.26	75	457	2.05	ug/l #	1
95) Naphthalene	14.97	128	17237	4.99	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.12	180	4135	2.14	ug/l #	1

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Response via : Initial Calibration

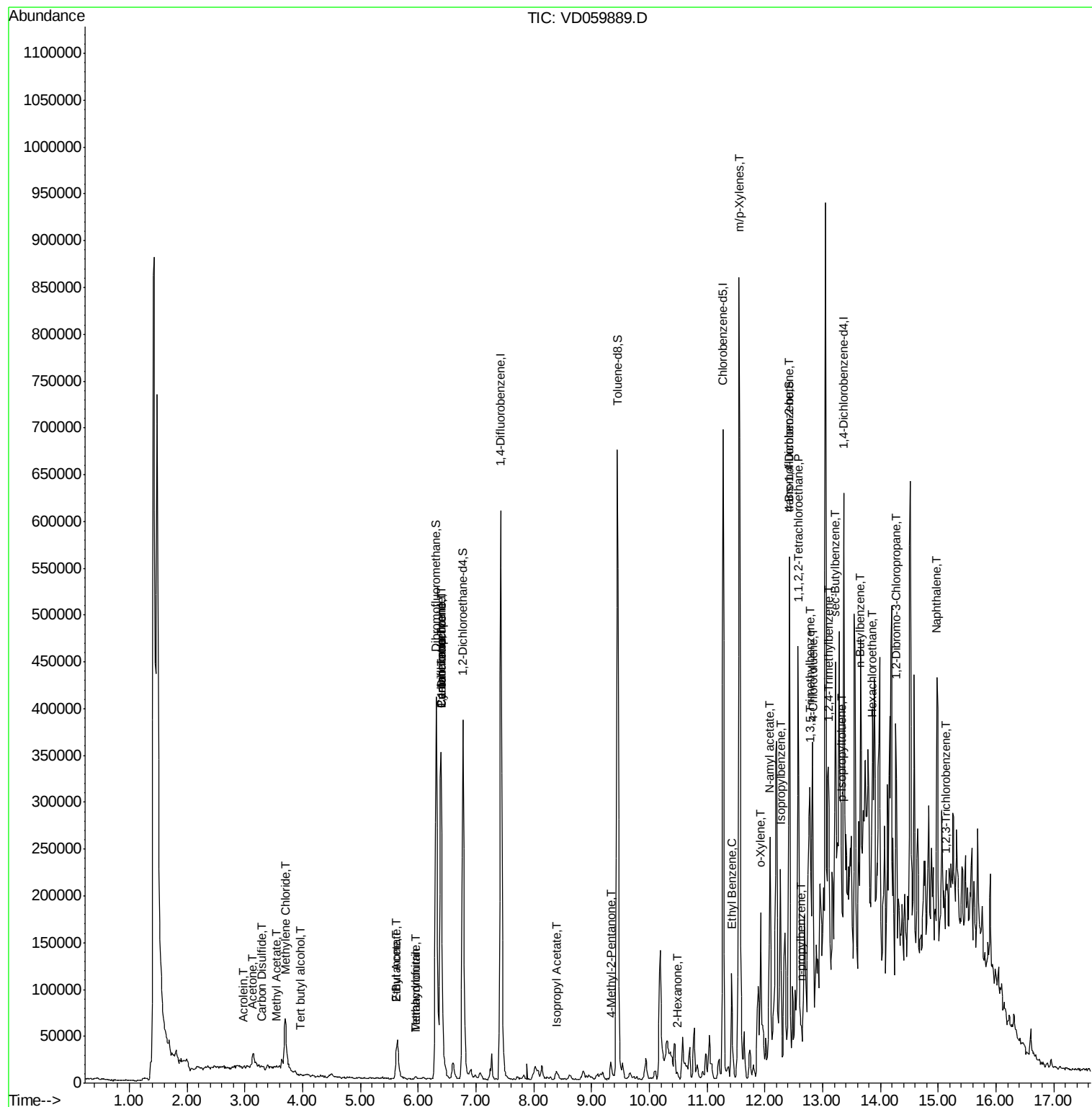
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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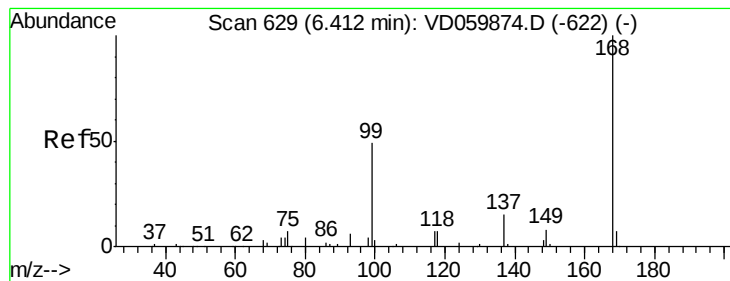
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082318\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 627

Delta R.T. -0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

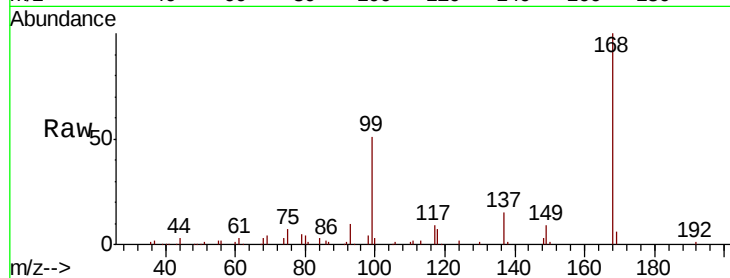
RA-081718-SSW-115-050RE

Tot Ion:168 Resp: 320274

Ion Ratio Lower Upper

168 100

99 51.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

150000

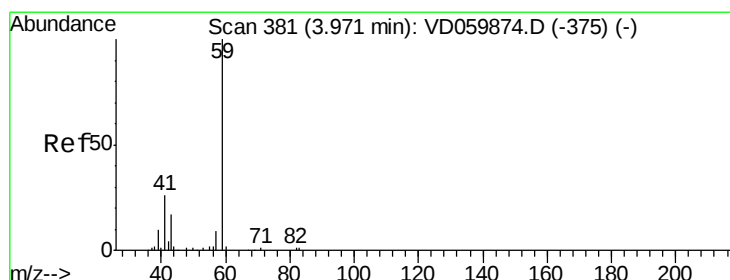
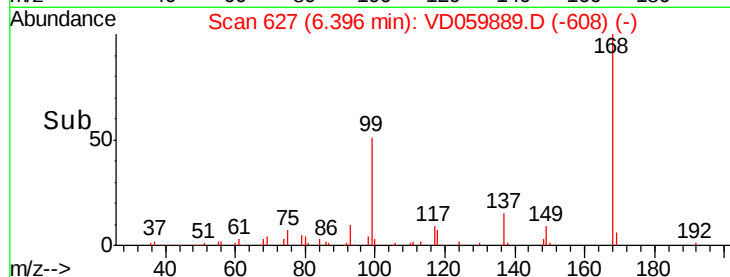
100000

50000

0

Time-->

6.30 6.40 6.50 6.60



#11

Tert butyl alcohol

Concen: 2.26 ug/l

RT: 3.95 min Scan# 378

Delta R.T. -0.03 min

Lab File: VD059889.D

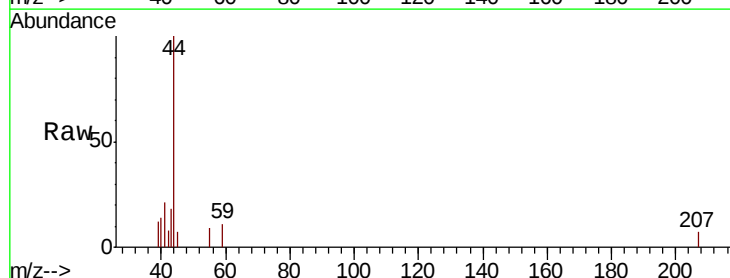
Acq: 23 Aug 2018 15:39

Tgt Ion: 59 Resp: 465

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.0#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.95

500

400

300

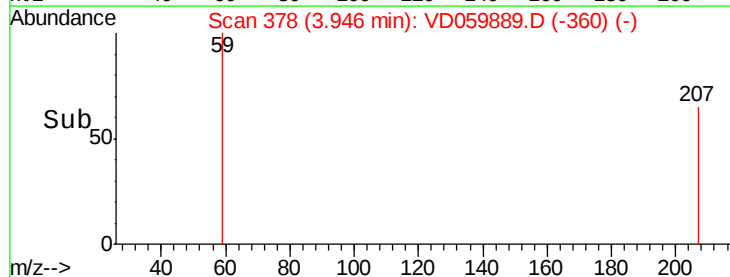
200

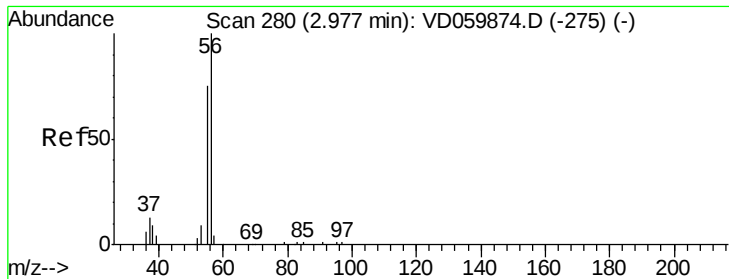
100

0

Time-->

3.90 3.92 3.94 3.96





#13

Acrolein

Concen: 13.77 ug/l

RT: 2.96 min Scan# 278

Delta R.T. -0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

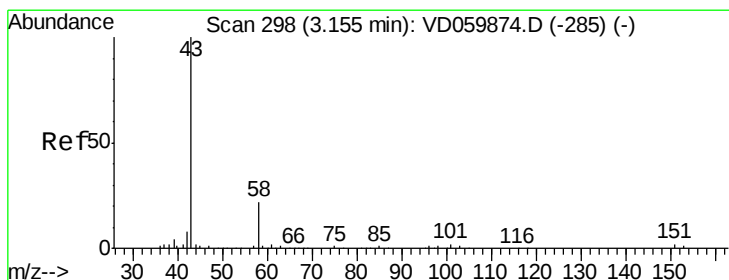
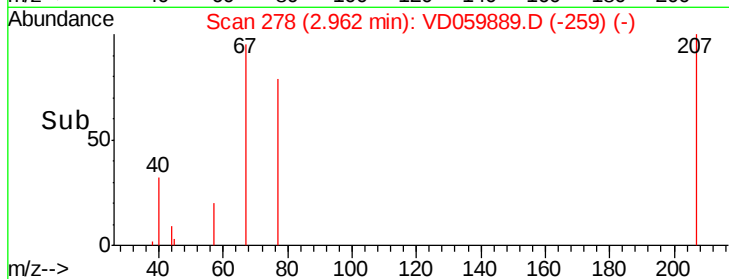
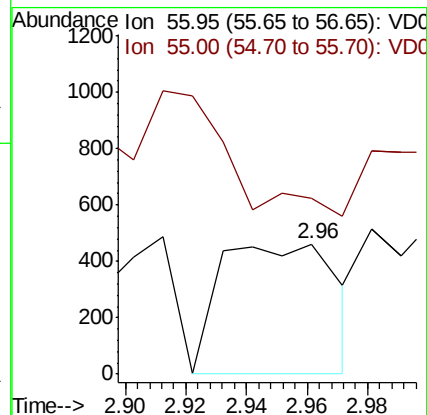
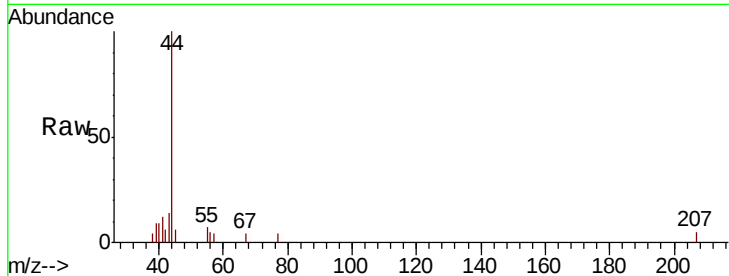
RA-081718-SSW-115-050RE

Tot Ion: 56 Resp: 1230

Ion Ratio Lower Upper

56 100

55 135.4 61.9 92.9#



#16

Acetone

Concen: 60.50 ug/l

RT: 3.15 min Scan# 297

Delta R.T. -0.01 min

Lab File: VD059889.D

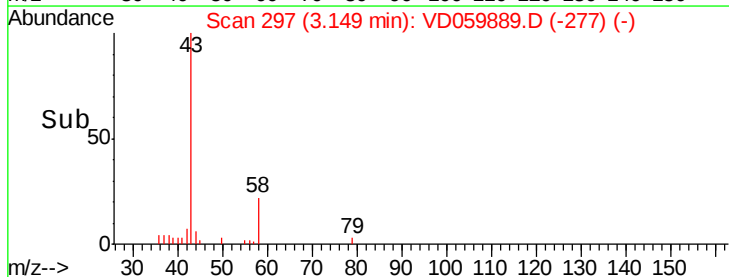
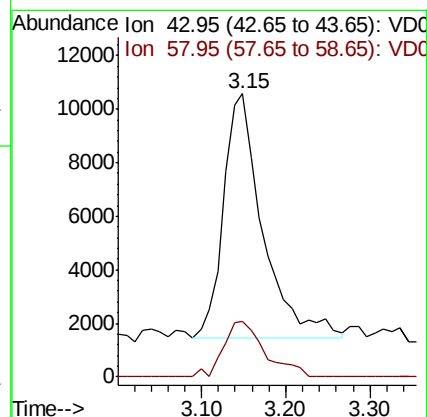
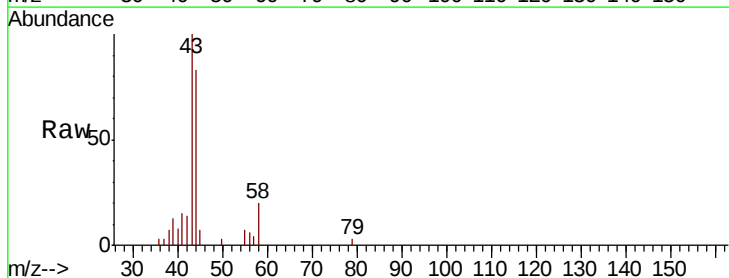
Acq: 23 Aug 2018 15:39

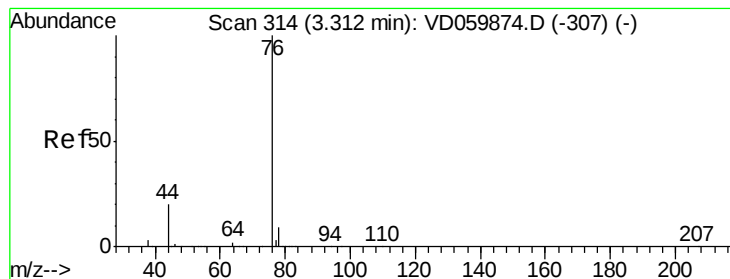
Tgt Ion: 43 Resp: 29754

Ion Ratio Lower Upper

43 100

58 19.6 17.6 26.4





#17

Carbon Disulfide

Concen: 1.06 ug/l

RT: 3.30 min Scan# 312

Delta R.T. -0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

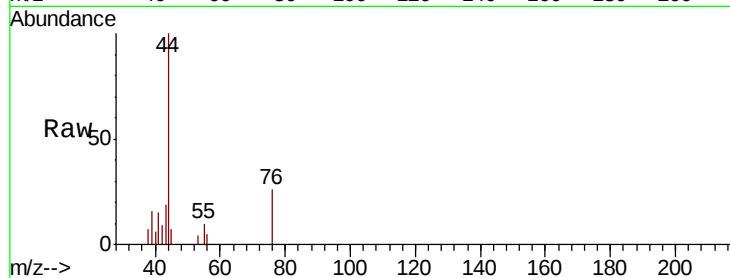
RA-081718-SSW-115-050RE

Tot Ion: 76 Resp: 3684

Ion Ratio Lower Upper

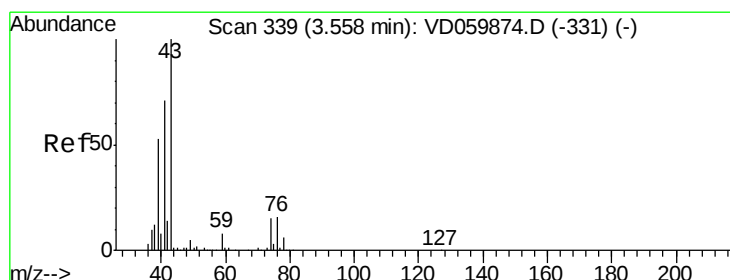
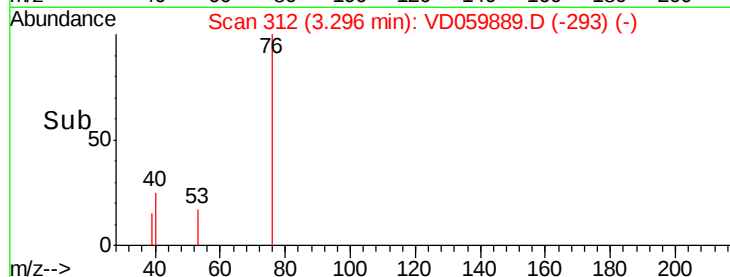
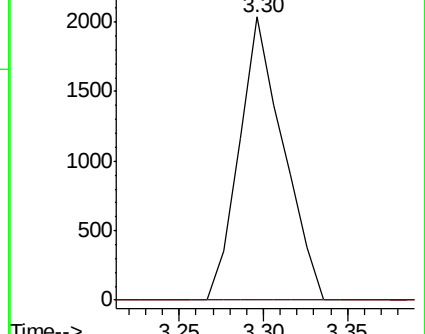
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 3.24 ug/l

RT: 3.55 min Scan# 338

Delta R.T. -0.01 min

Lab File: VD059889.D

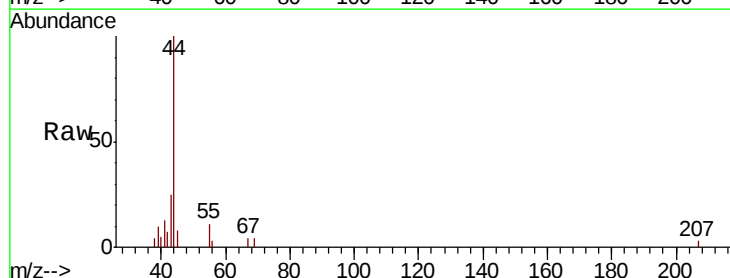
Acq: 23 Aug 2018 15:39

Tgt Ion: 43 Resp: 3326

Ion Ratio Lower Upper

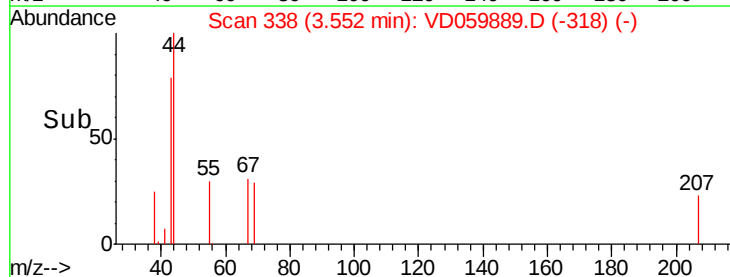
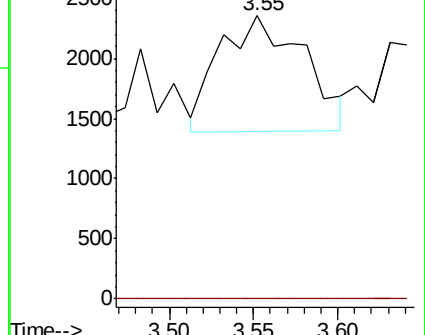
43 100

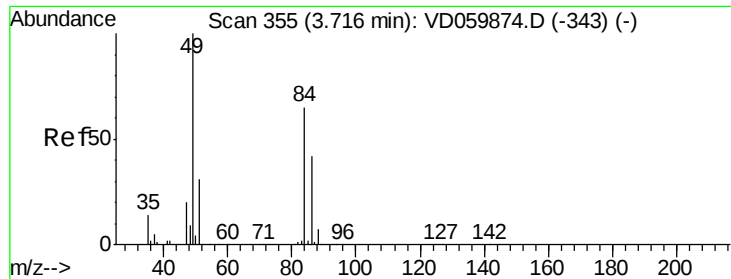
74 0.0 11.2 16.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

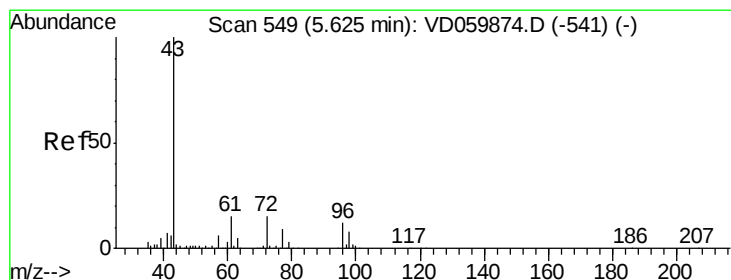
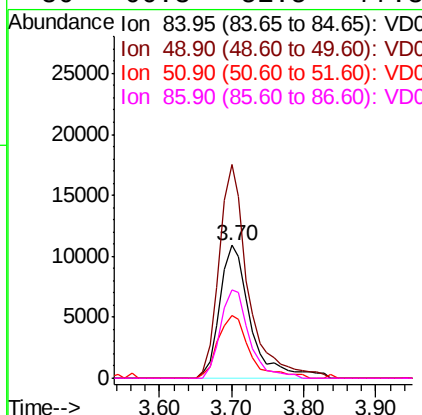
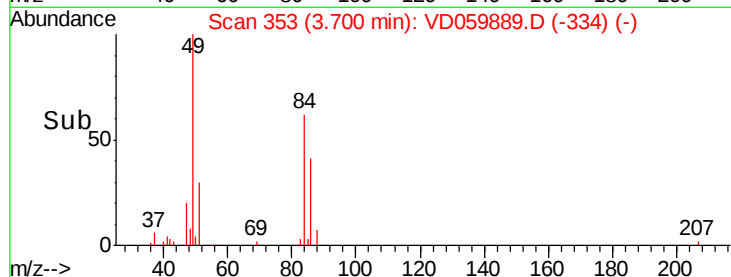
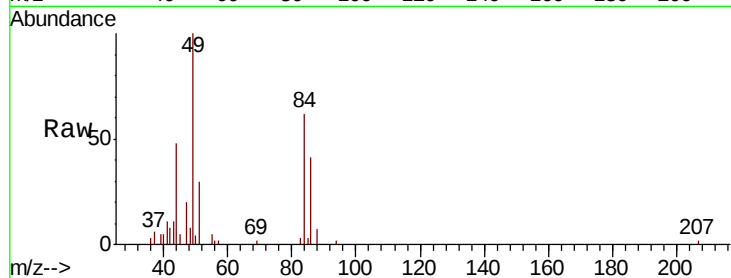




#20
Methylene Chloride
Concen: 6.61 ug/l
RT: 3.70 min Scan# 353
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

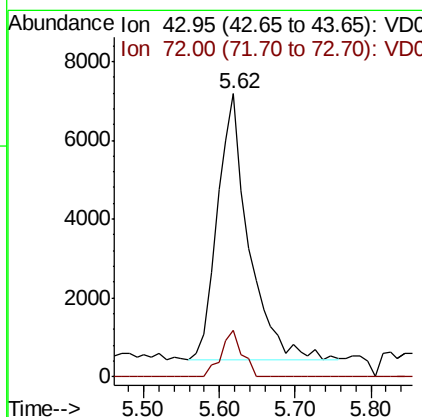
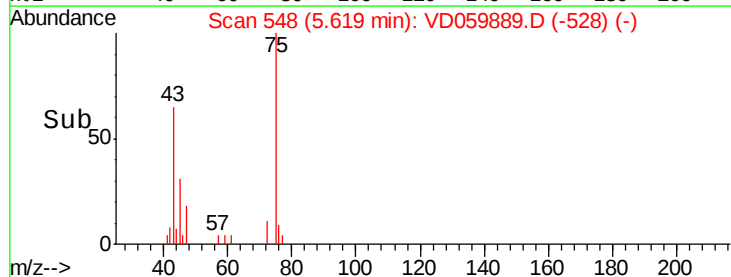
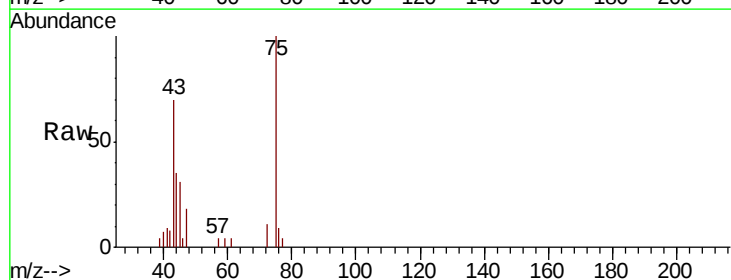
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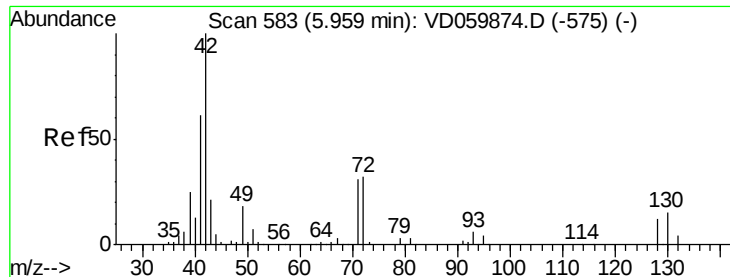
Tot Ion: 84 Resp: 32290
Ion Ratio Lower Upper
84 100
49 160.6 122.6 183.8
51 47.5 38.4 57.6
86 66.3 51.5 77.3



#25
2-Butanone
Concen: 13.17 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 43 Resp: 19188
Ion Ratio Lower Upper
43 100
72 16.4 12.3 18.5

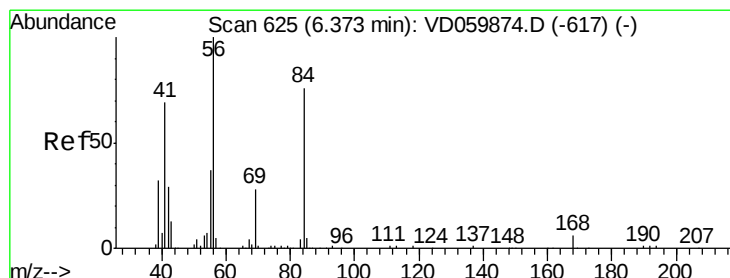
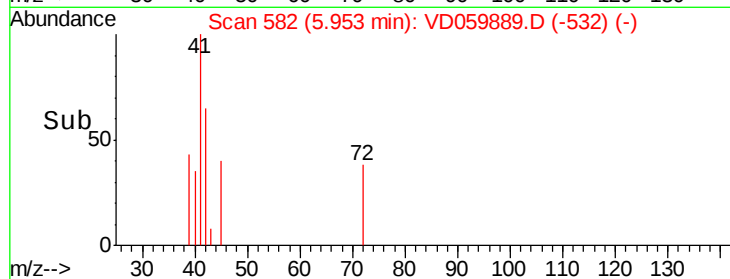
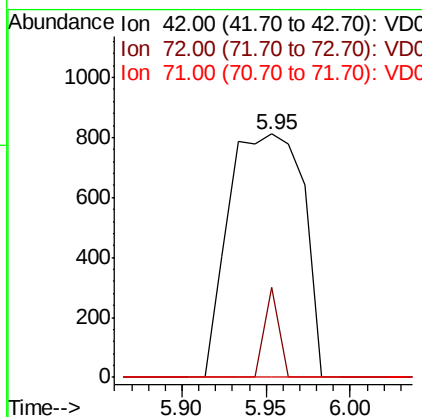
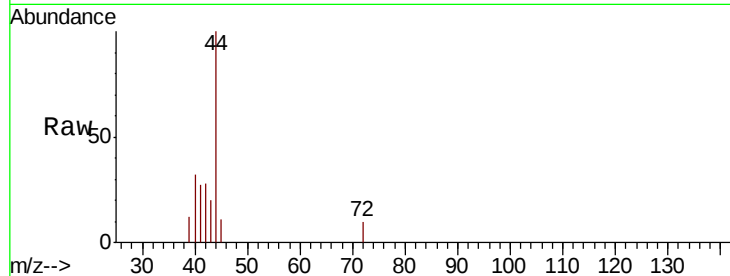




#29
Tetrahydrofuran
Concen: 3.58 ug/l
RT: 5.95 min Scan# 582
Delta R.T. -0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

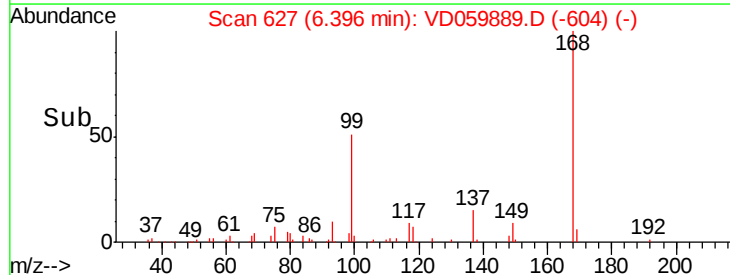
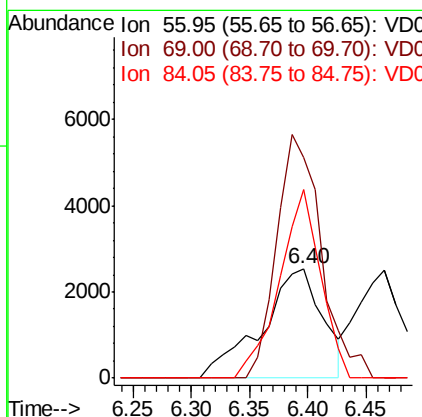
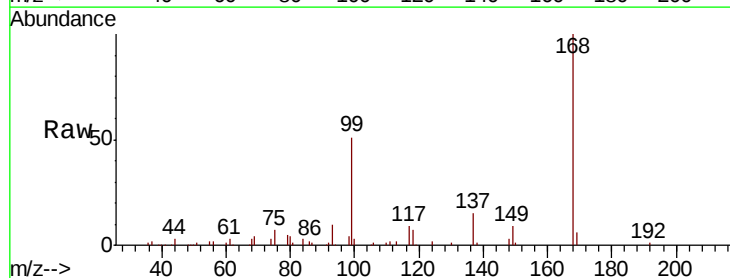
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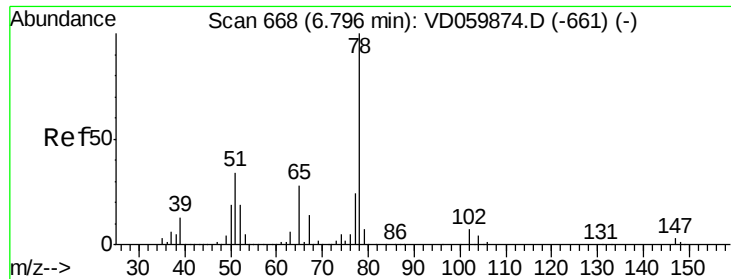
Tot Ion: 42 Resp: 2480
Ion Ratio Lower Upper
42 100
72 7.2 25.7 38.5#
71 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.79 ug/l
RT: 6.40 min Scan# 627
Delta R.T. 0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 56 Resp: 9191
Ion Ratio Lower Upper
56 100
69 202.0 22.4 33.6#
84 172.1 62.1 93.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 665

Delta R.T. -0.03 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

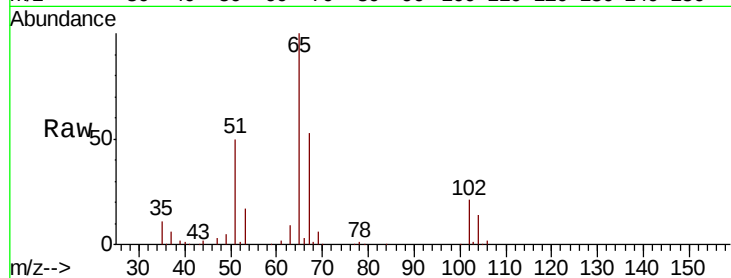
RA-081718-SSW-115-050RE

Tot Ion: 65 Resp: 315317

Ion Ratio Lower Upper

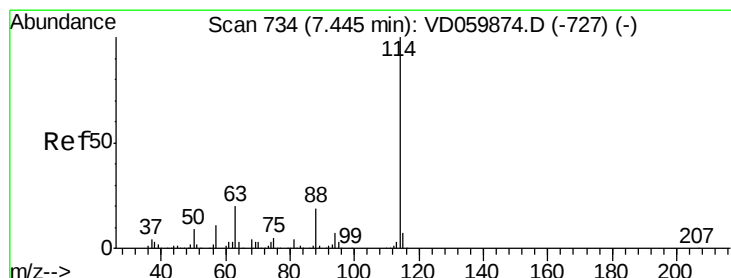
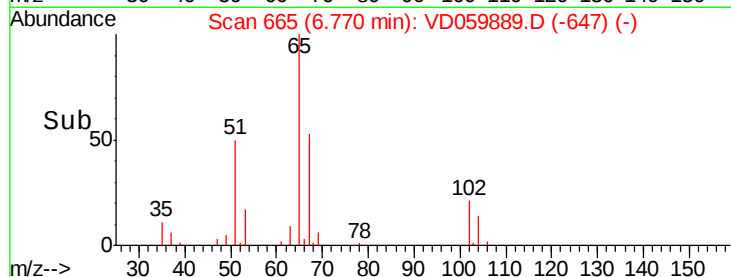
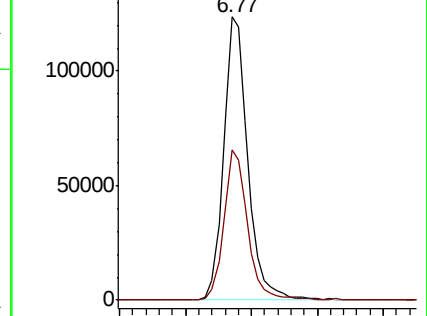
65 100

67 53.1 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 732

Delta R.T. -0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

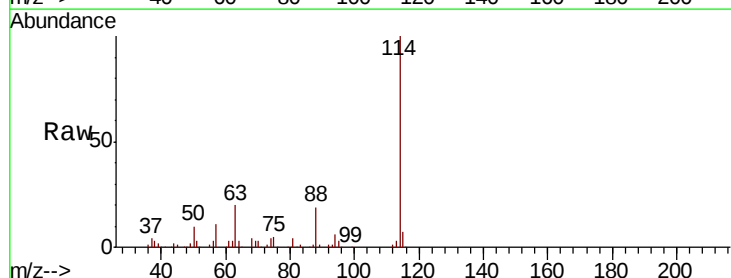
Tgt Ion: 114 Resp: 612285

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

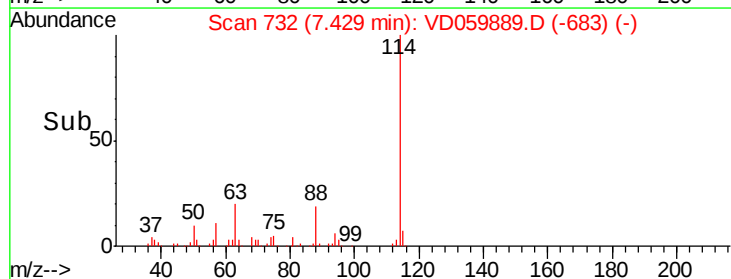
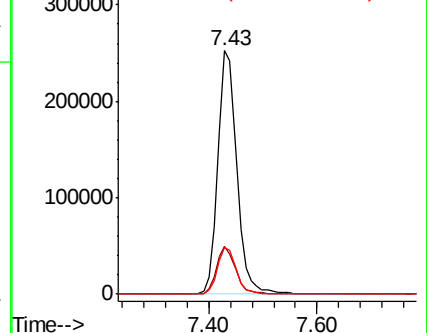
88 18.9 0.0 37.6

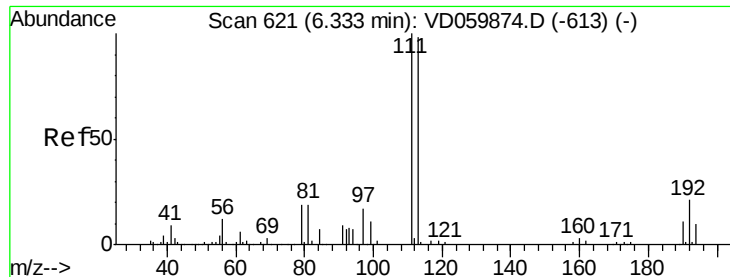


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

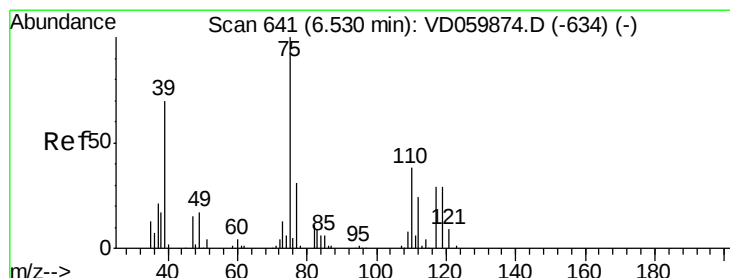
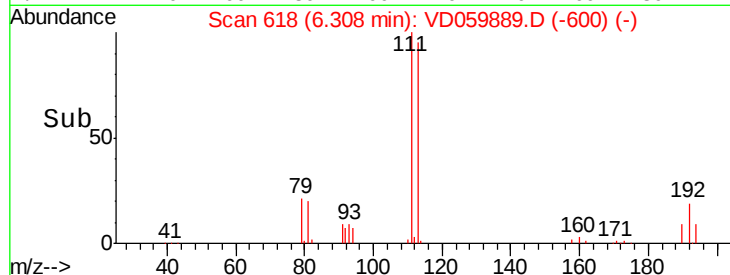
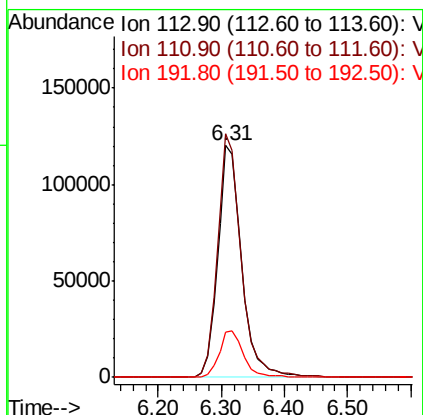
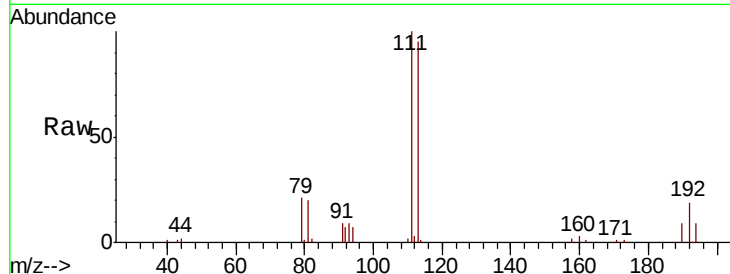




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

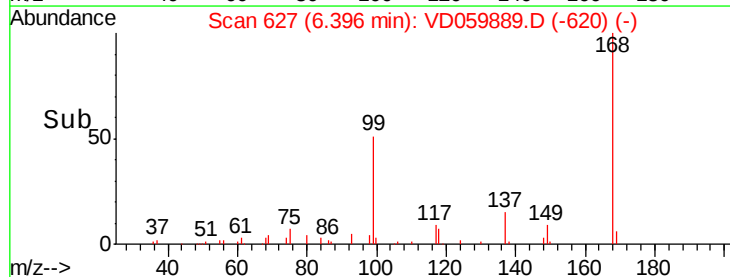
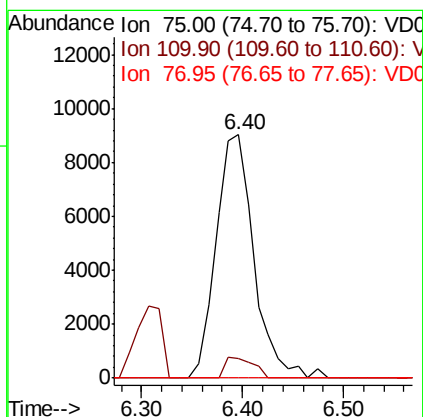
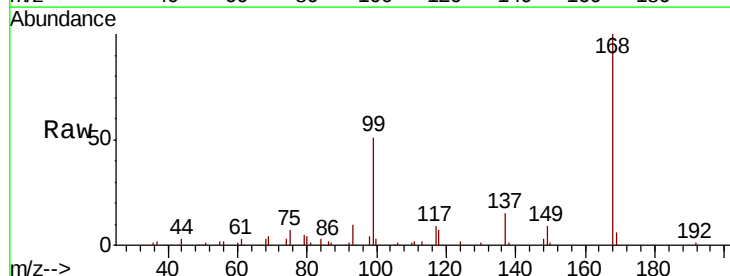
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

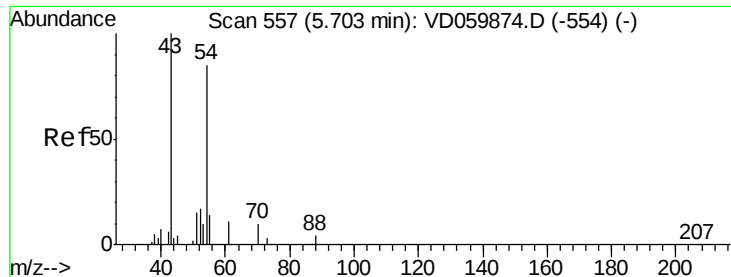
Tot Ion:113 Resp: 318028
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.4 122.2
 192 19.4 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 4.23 ug/l
 RT: 6.40 min Scan# 627
 Delta R.T. -0.13 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

Tgt Ion: 75 Resp: 23480
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.6 56.0#
 77 0.0 25.1 37.7#

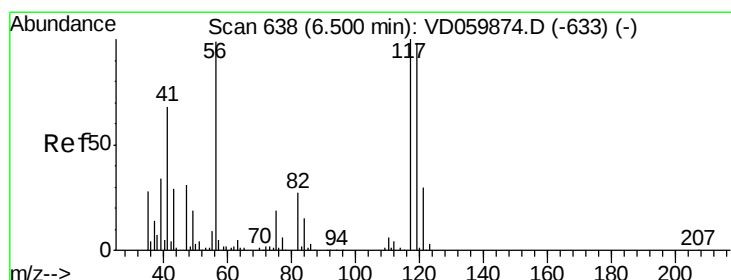
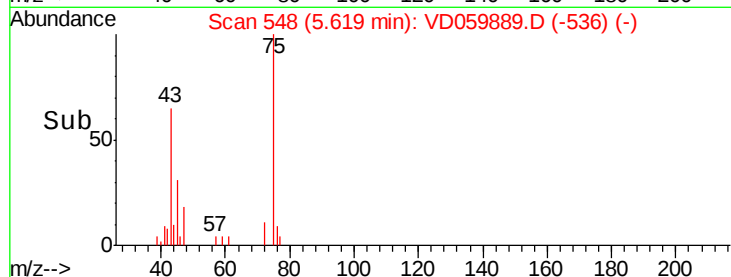
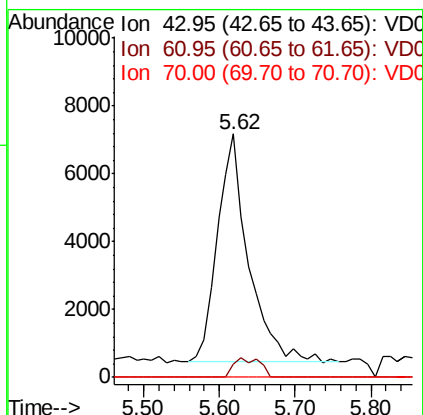
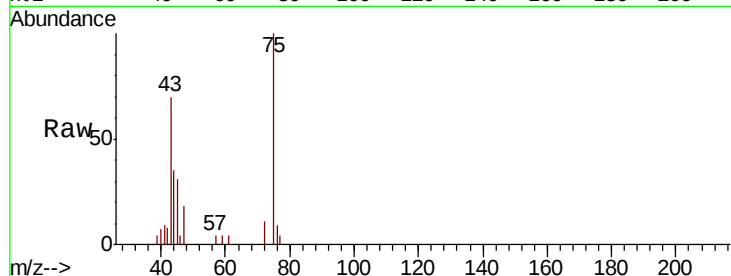




#37
Ethyl Acetate
Concen: 4.44 ug/l
RT: 5.62 min Scan# 548
Delta R.T. -0.08 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

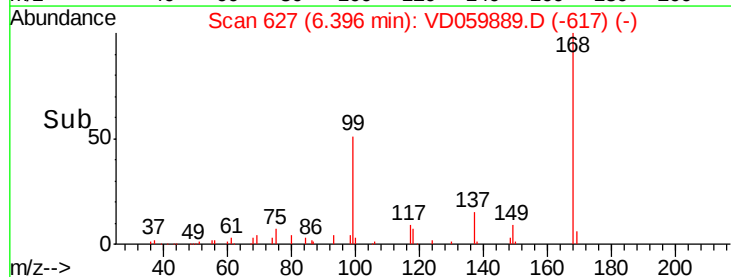
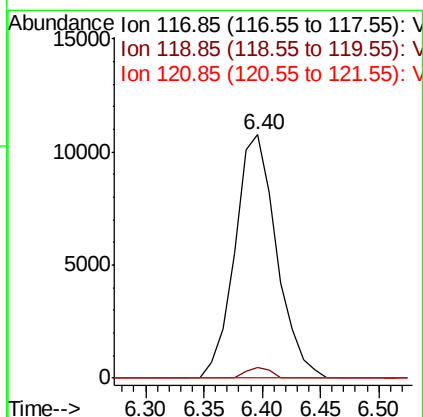
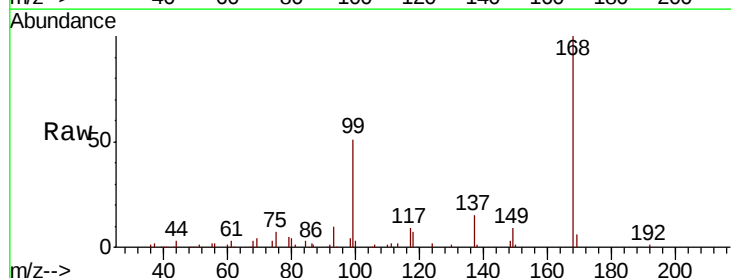
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

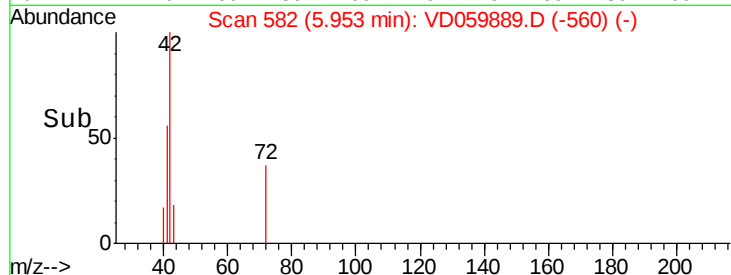
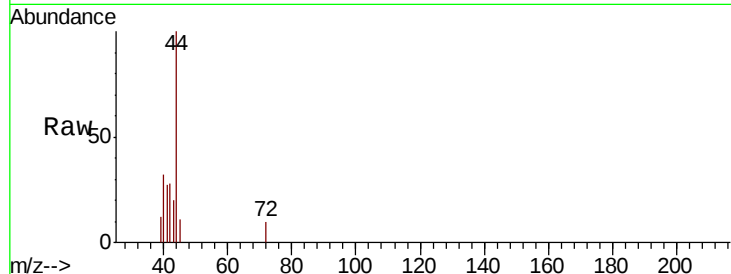
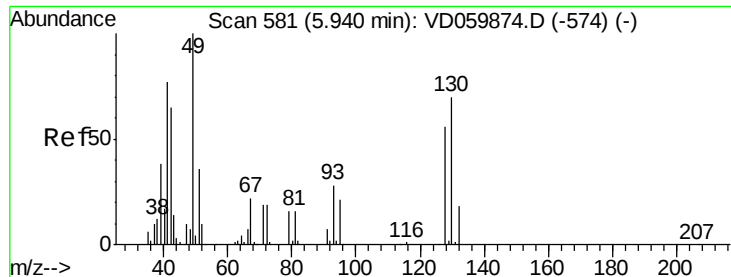
Tot Ion: 43 Resp: 19188
Ion Ratio Lower Upper
43 100
61 5.5 11.0 16.6#
70 0.0 5.7 8.5#



#38
Carbon Tetrachloride
Concen: 4.76 ug/l
RT: 6.40 min Scan# 627
Delta R.T. -0.10 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 117 Resp: 26640
Ion Ratio Lower Upper
117 100
119 4.5 77.2 115.8#
121 0.0 24.0 36.0#

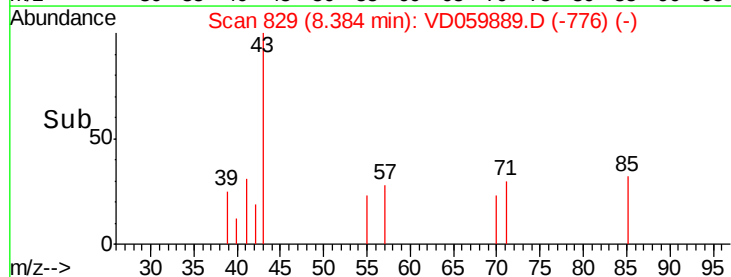
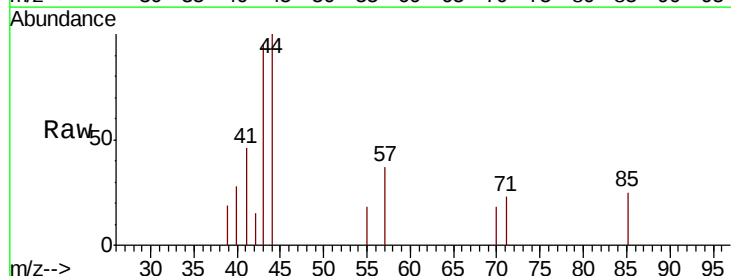
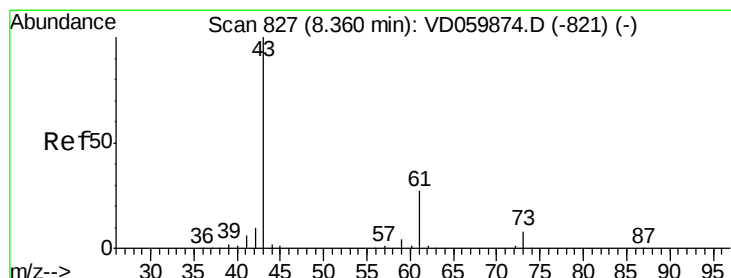
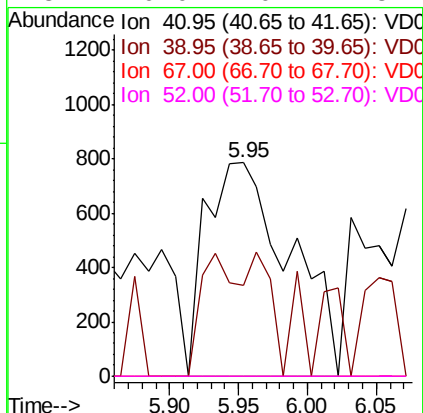




#41
Methacrylonitrile
Concen: 1.53 ug/l
RT: 5.95 min Scan# 582
Delta R.T. 0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

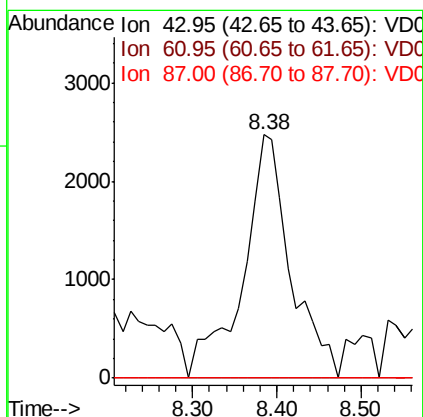
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

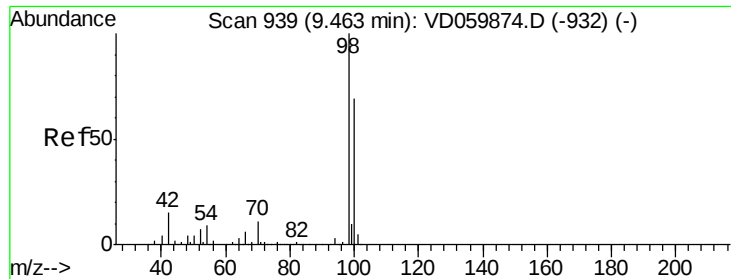
Tot Ion:	41	Resp:	3321
Ion	Ratio	Lower	Upper
41	100		
39	42.6	39.4	59.2
67	0.0	22.2	33.2#
52	0.0	10.1	15.1#



#43
Isopropyl Acetate
Concen: 1.74 ug/l
RT: 8.38 min Scan# 829
Delta R.T. 0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion:	43	Resp:	9774
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.4	32.2#
87	0.0	0.2	0.4#

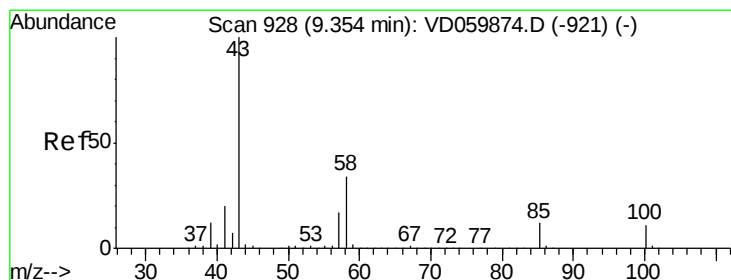
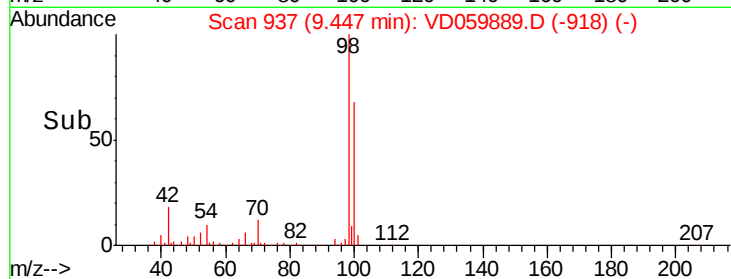
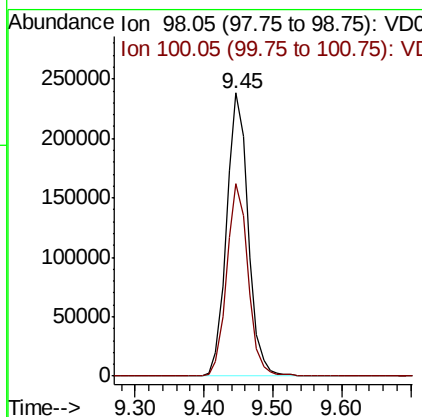
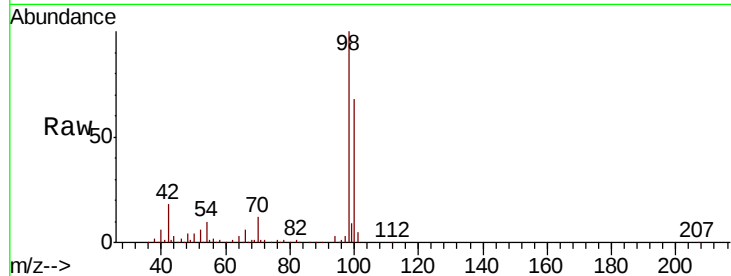




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 937
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

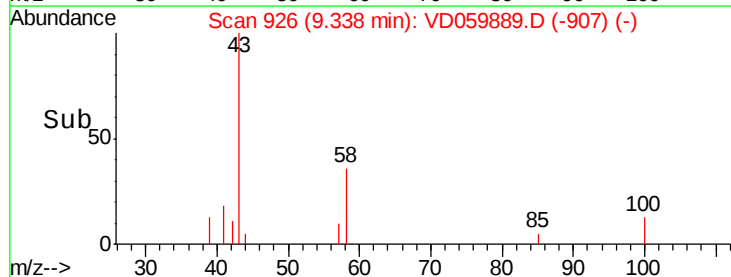
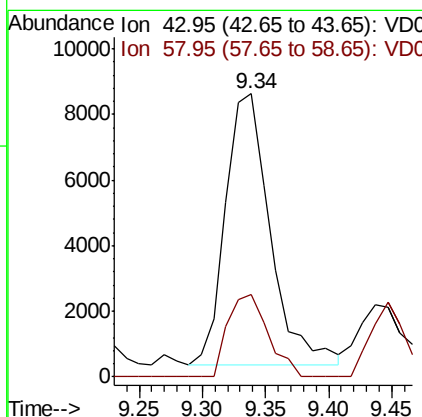
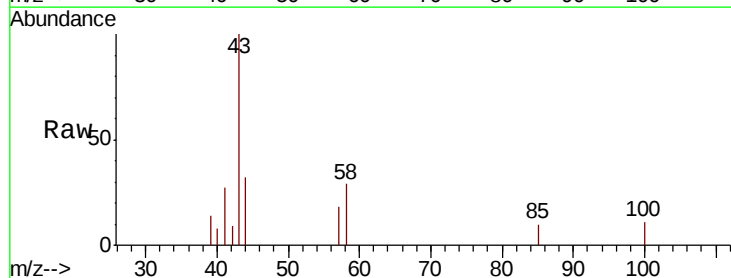
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

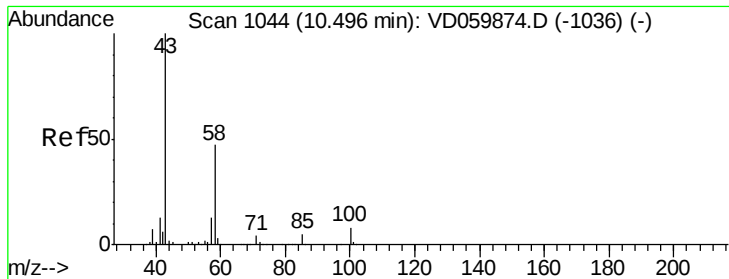
Tot Ion: 98 Resp: 516641
Ion Ratio Lower Upper
98 100
100 67.9 55.8 83.6



#51
4-Methyl-2-Pentanone
Concen: 4.83 ug/l
RT: 9.34 min Scan# 926
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 43 Resp: 20241
Ion Ratio Lower Upper
43 100
58 29.1 27.0 40.4

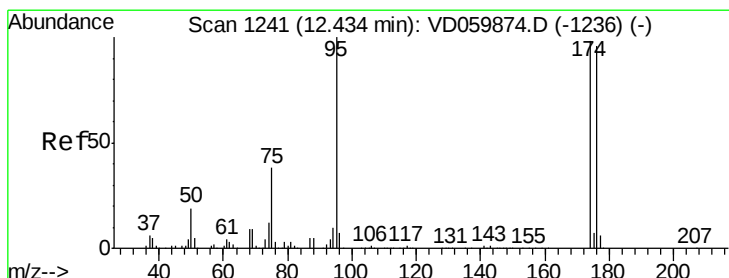
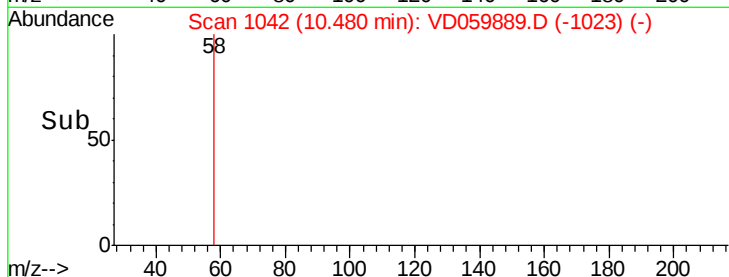
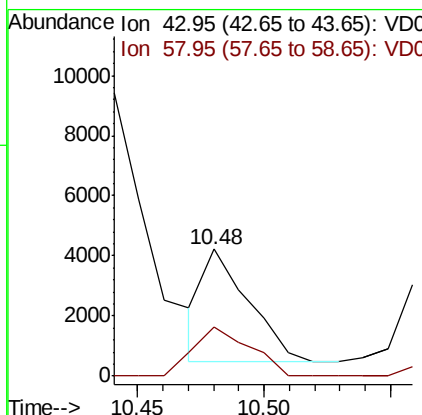
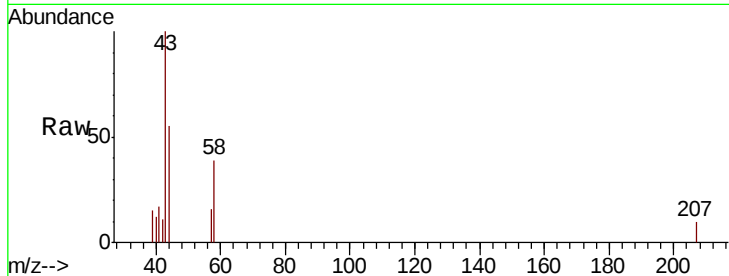




#59
2-Hexanone
Concen: 1.51 ug/l
RT: 10.48 min Scan# 1042
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

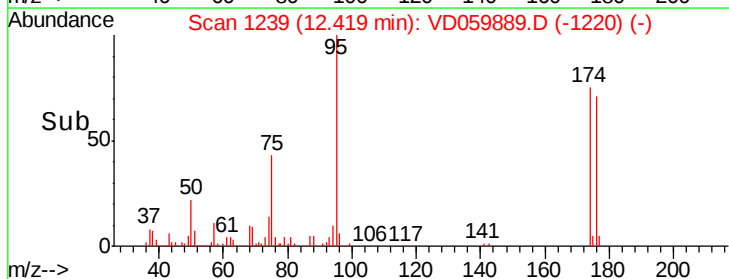
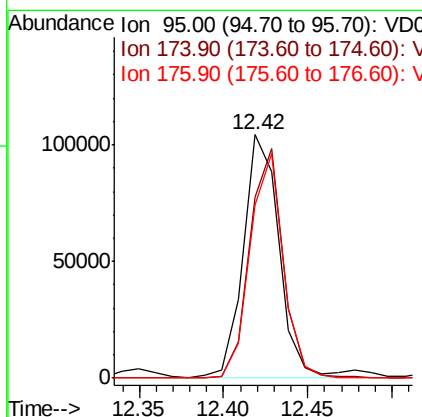
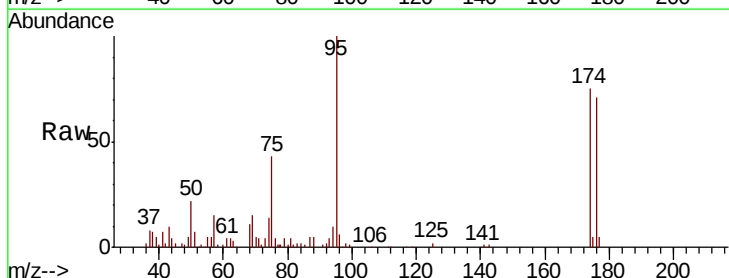
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

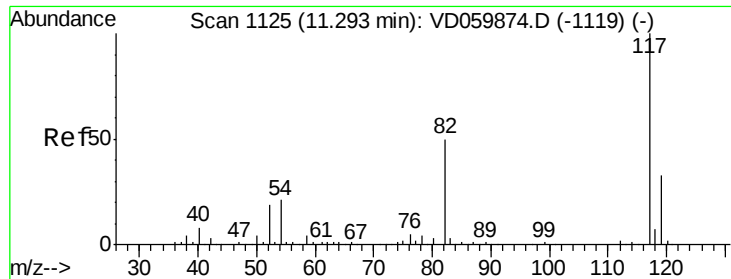
Tot Ion: 43 Resp: 4652
Ion Ratio Lower Upper
43 100
58 38.5 23.3 69.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 95 Resp: 152123
Ion Ratio Lower Upper
95 100
174 74.5 0.0 195.6
176 70.9 0.0 191.2

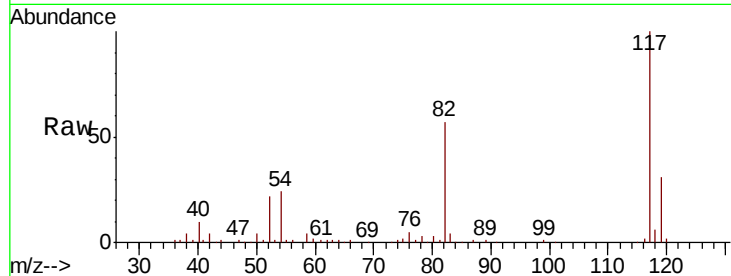




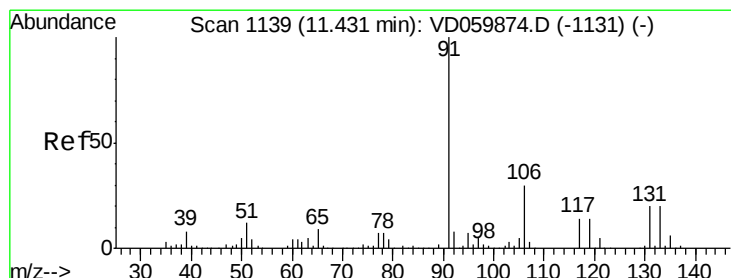
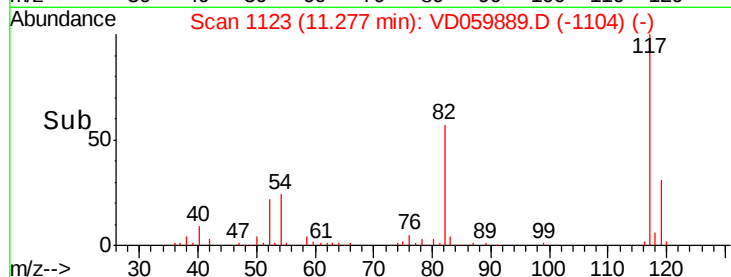
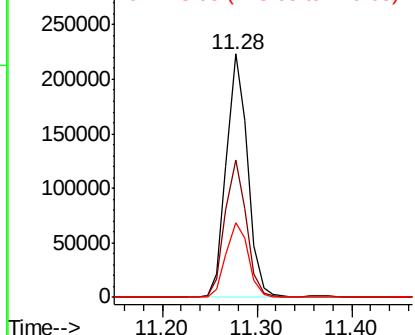
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 1123
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

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

Tot Ion:117 Resp: 348933
Ion Ratio Lower Upper
117 100
82 56.6 40.1 60.1
119 30.7 26.7 40.1

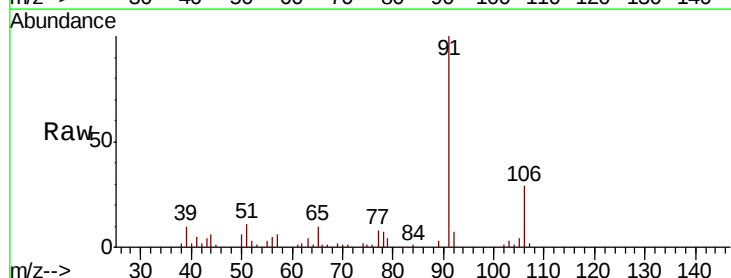


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

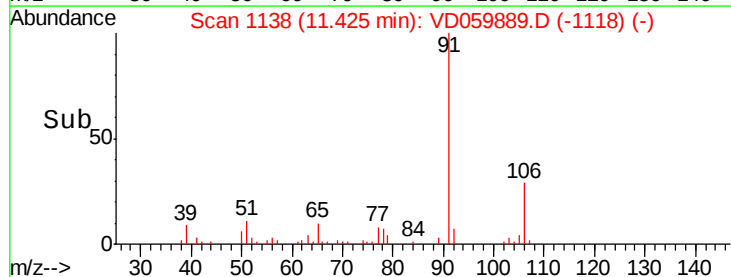
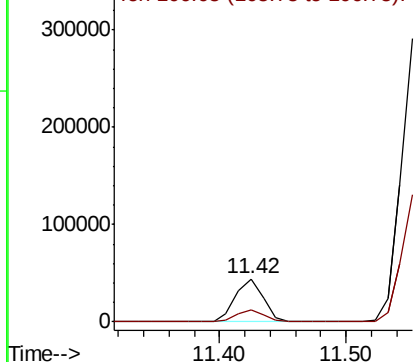


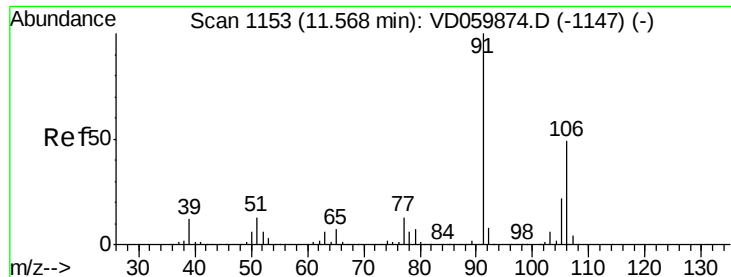
#67
Ethyl Benzene
Concen: 5.82 ug/l
RT: 11.42 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 91 Resp: 67897
Ion Ratio Lower Upper
91 100
106 28.9 23.8 35.8



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

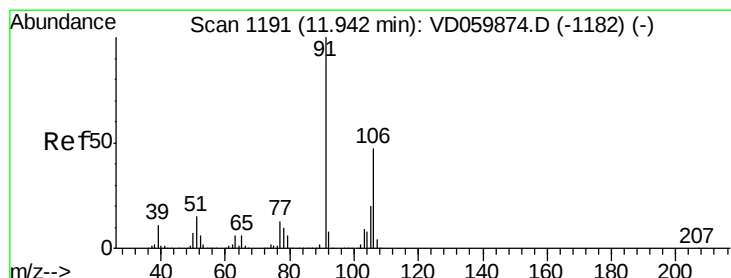
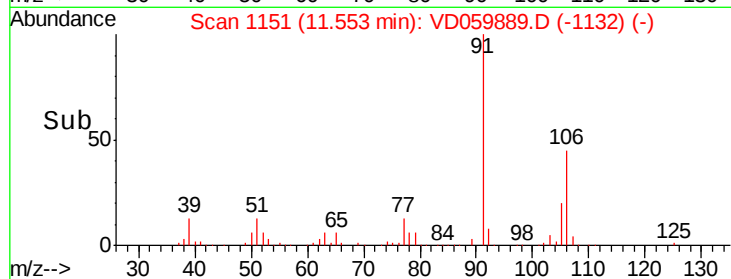
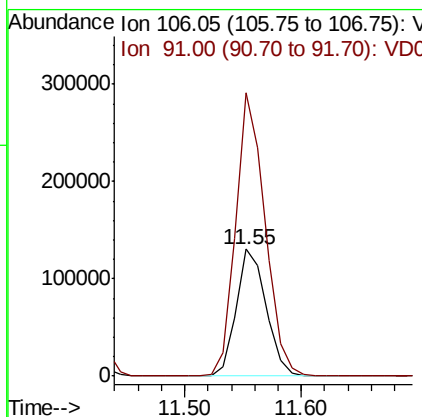
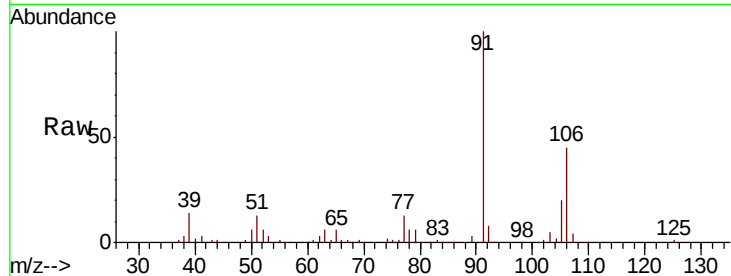




#68
m/p-Xylenes
Concen: 54.78 ug/l
RT: 11.55 min Scan# 1151
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

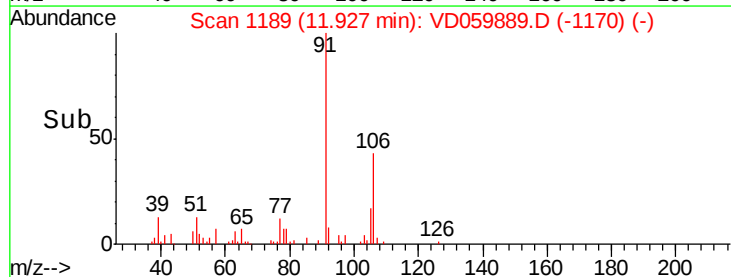
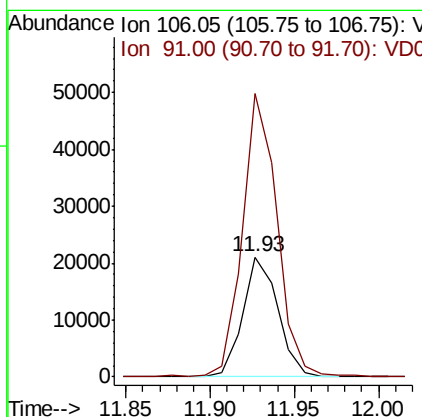
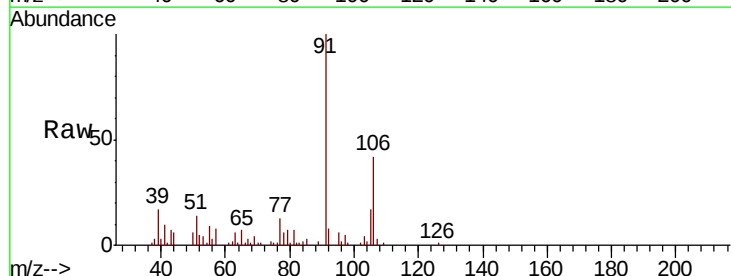
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

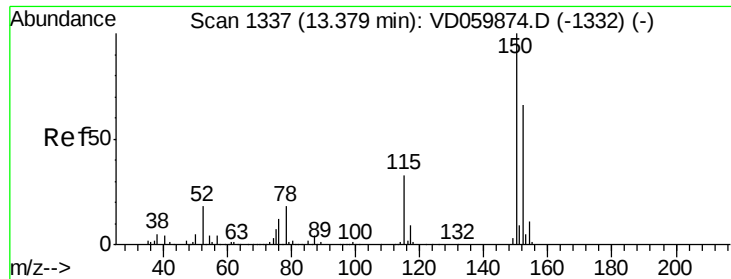
Tot Ion:106 Resp: 232681
Ion Ratio Lower Upper
106 100
91 222.6 162.0 243.0



#69
o-Xylene
Concen: 7.32 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion:106 Resp: 30392
Ion Ratio Lower Upper
106 100
91 236.7 107.3 322.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.37 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050RE

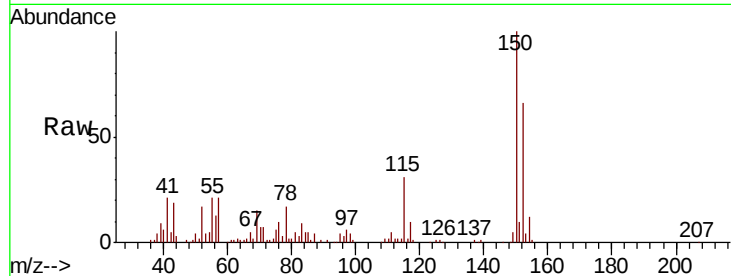
Tot Ion:152 Resp: 98309

Ion Ratio Lower Upper

152 100

115 47.7 25.7 77.0

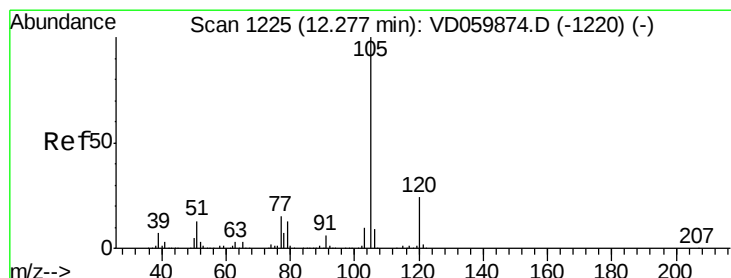
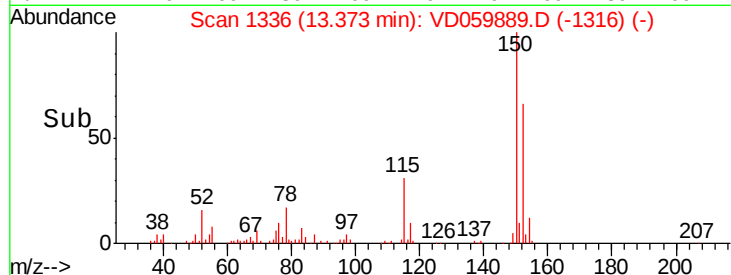
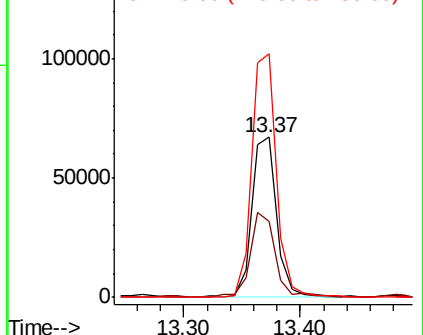
150 152.0 0.0 310.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 4.57 ug/l

RT: 12.27 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VD059889.D

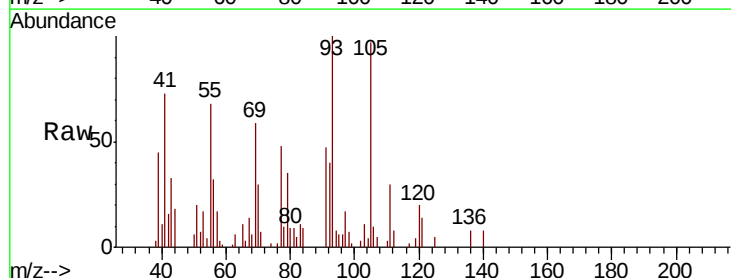
Acq: 23 Aug 2018 15:39

Tgt Ion:105 Resp: 28676

Ion Ratio Lower Upper

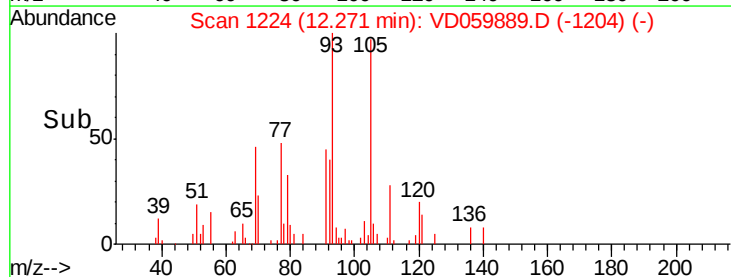
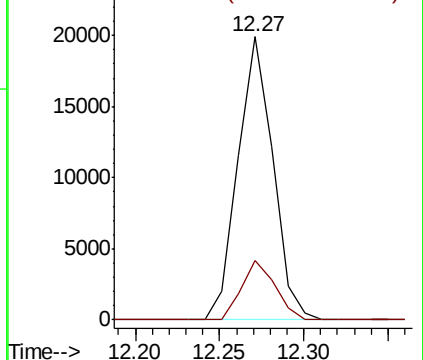
105 100

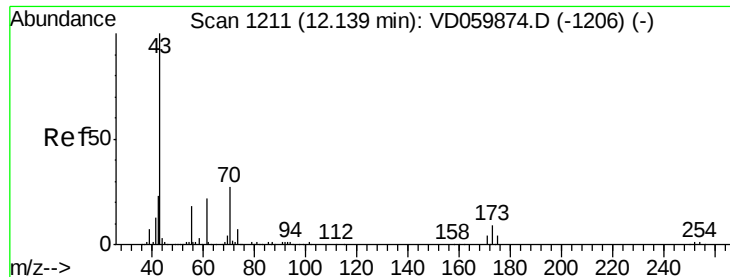
120 20.9 11.8 35.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 22.85 ug/l

RT: 12.08 min Scan# 1205

Delta R.T. -0.06 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050RE

Tot Ion: 43 Resp: 62780

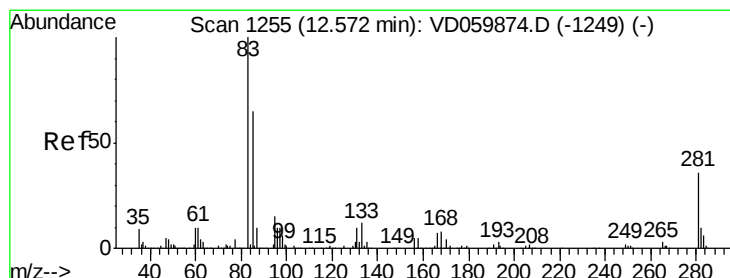
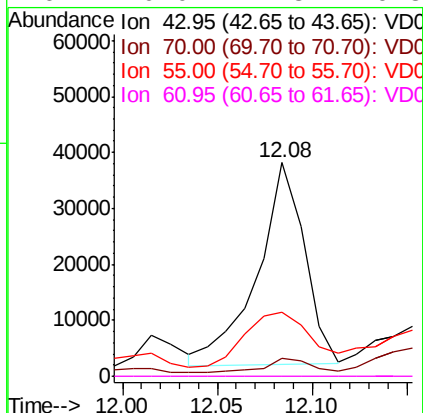
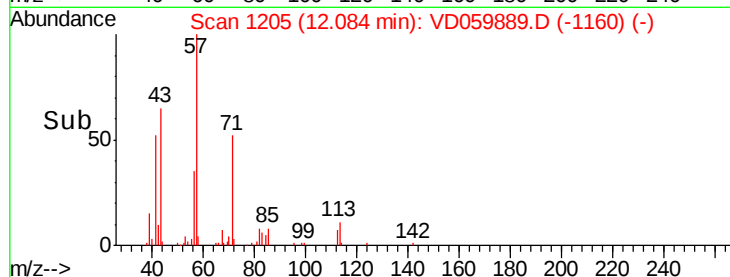
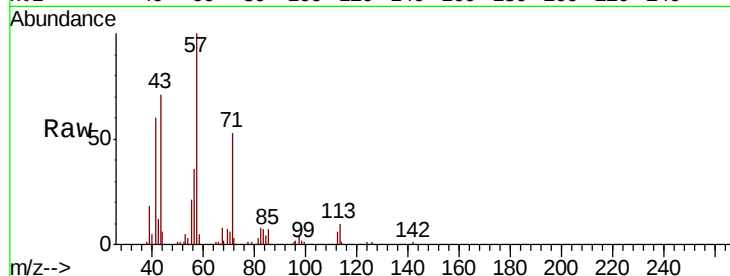
Ion Ratio Lower Upper

43 100

70 8.2 21.4 32.2#

55 29.8 14.1 21.1#

61 0.0 17.8 26.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 15.58 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

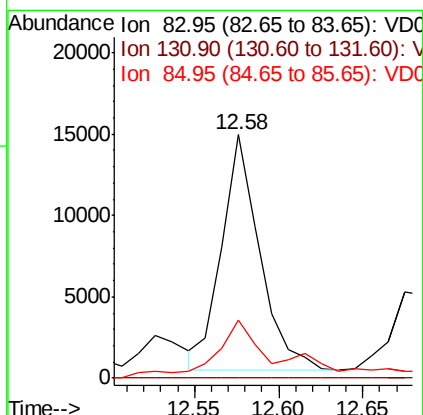
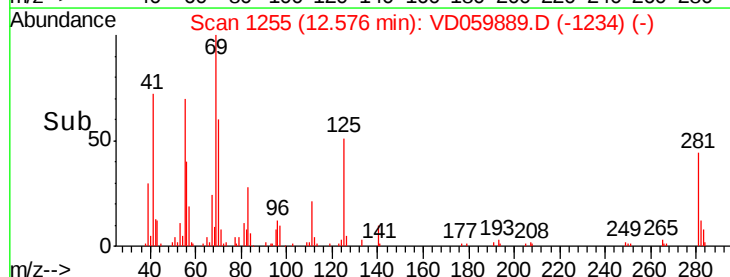
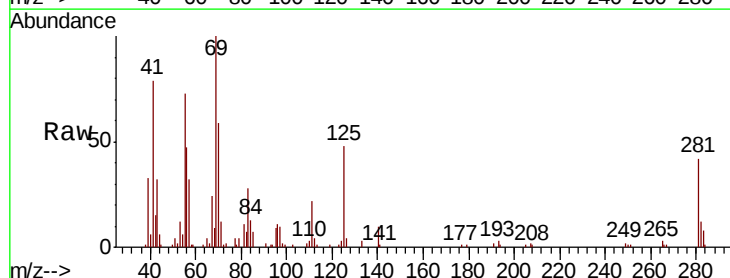
Tgt Ion: 83 Resp: 22615

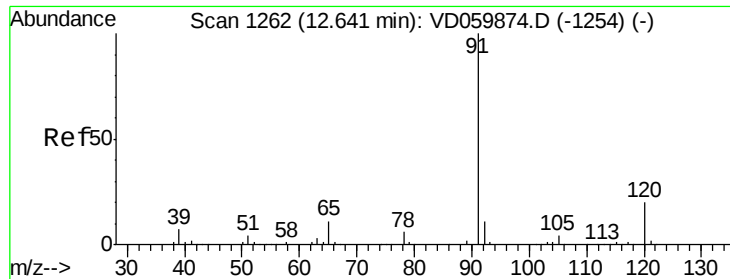
Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.4#

85 23.8 32.6 97.8#

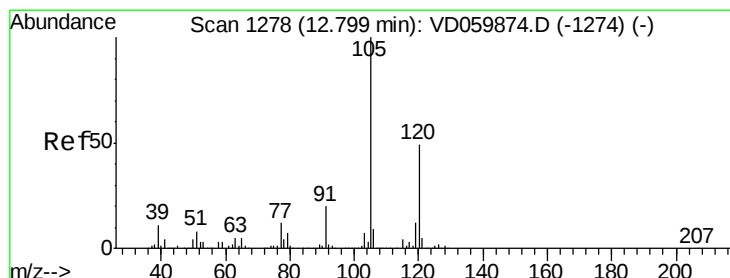
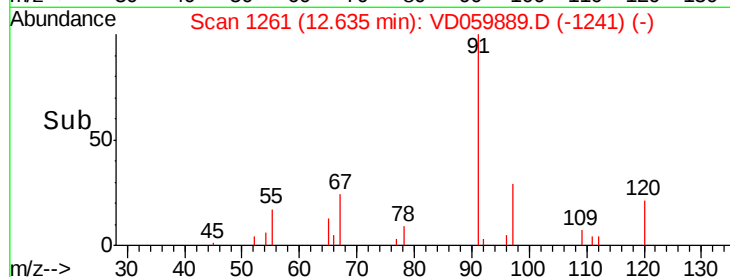
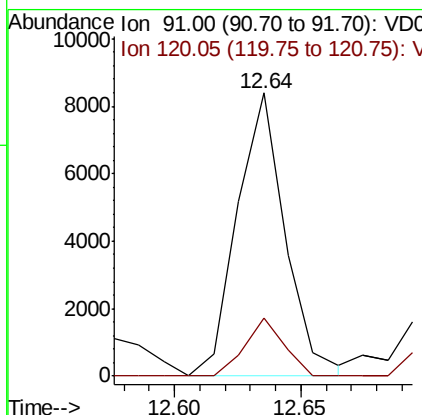
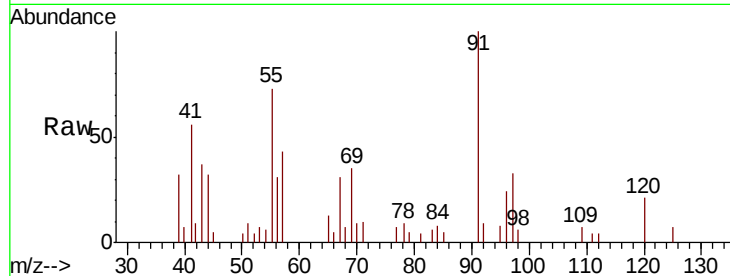




#78
 n-propylbenzene
 Concen: 1.40 ug/l
 RT: 12.64 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

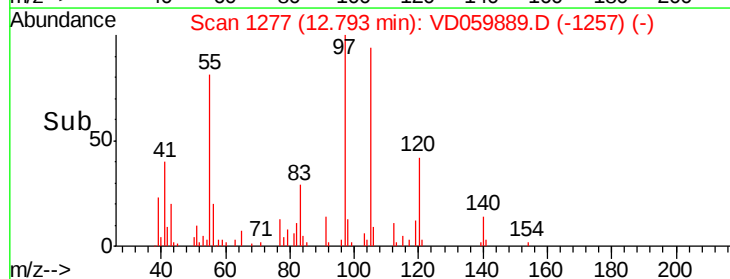
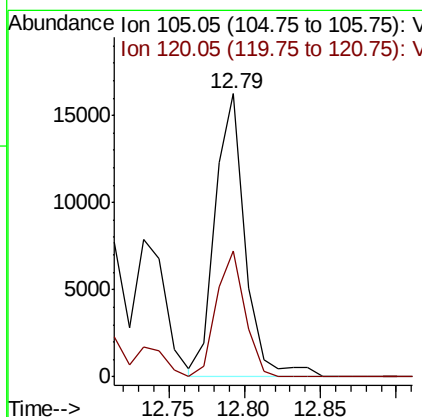
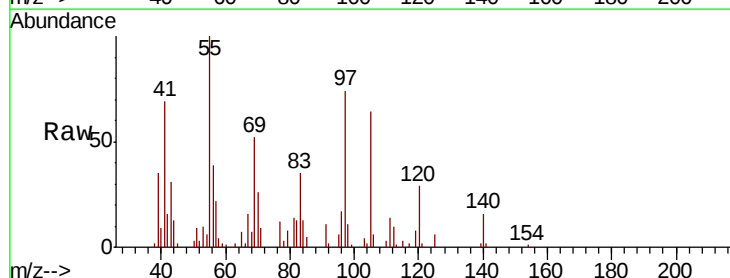
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

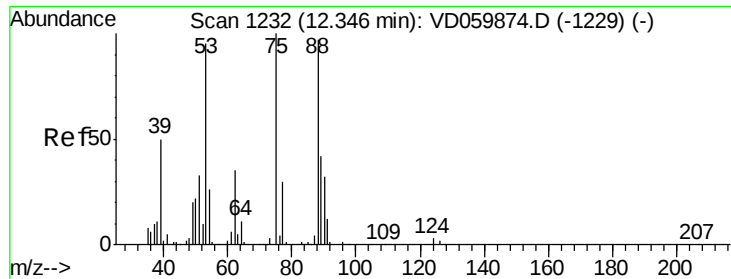
Tot Ion: 91 Resp: 11088
 Ion Ratio Lower Upper
 91 100
 120 20.6 10.1 30.3



#80
 1,3,5-Trimethylbenzene
 Concen: 4.51 ug/l
 RT: 12.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

Tgt Ion: 105 Resp: 22493
 Ion Ratio Lower Upper
 105 100
 120 44.6 24.5 73.5

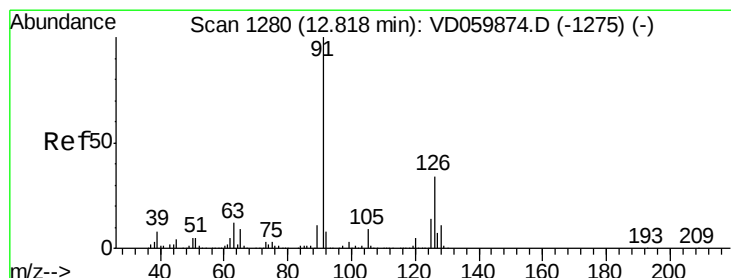
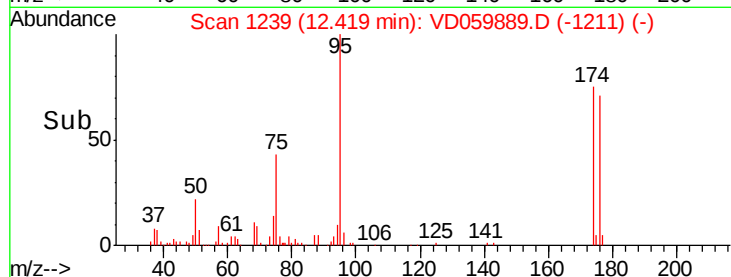
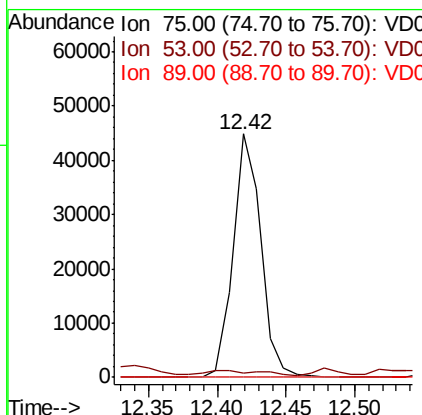
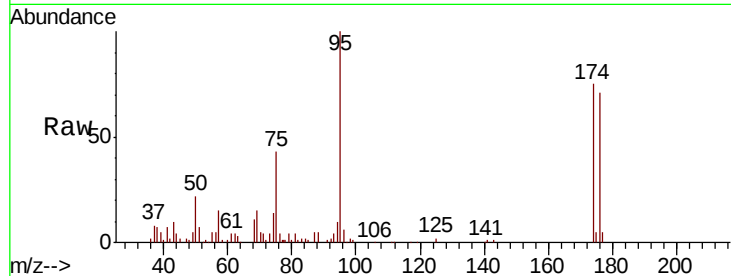




#81
trans-1,4-Dichloro-2-butene
Concen: 131.82 ug/l
RT: 12.42 min Scan# 1239
Delta R.T. 0.07 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

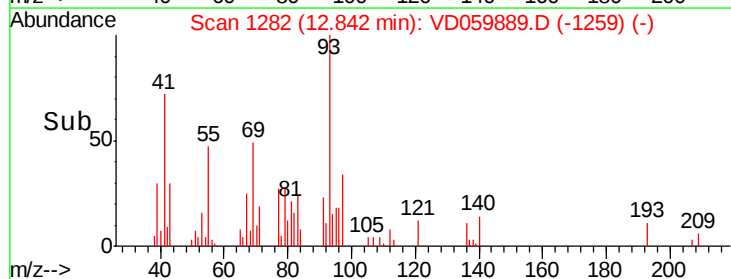
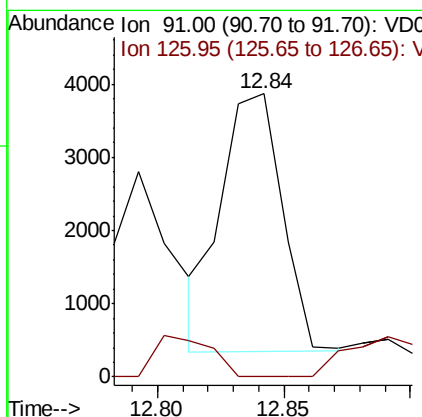
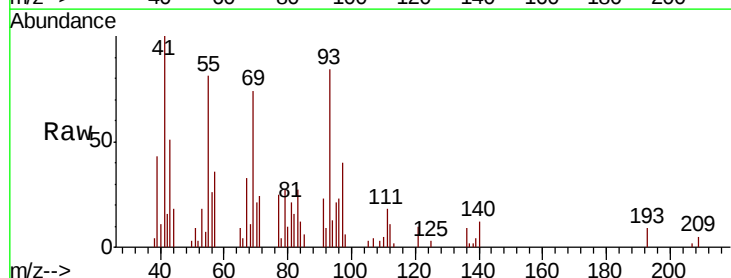
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

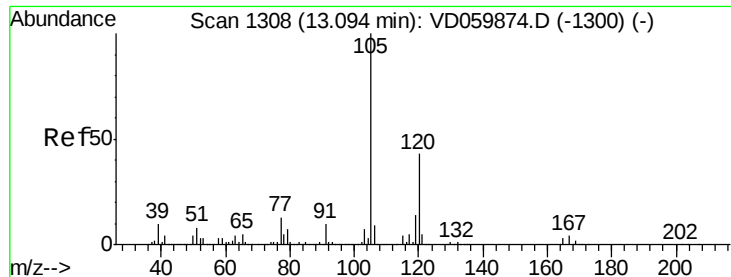
Tot Ion: 75 Resp: 62654
Ion Ratio Lower Upper
75 100
53 1.7 75.8 113.6#
89 0.0 33.6 50.4#



#82
4-Chlorotoluene
Concen: 1.15 ug/l
RT: 12.84 min Scan# 1282
Delta R.T. 0.02 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion: 91 Resp: 5894
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#

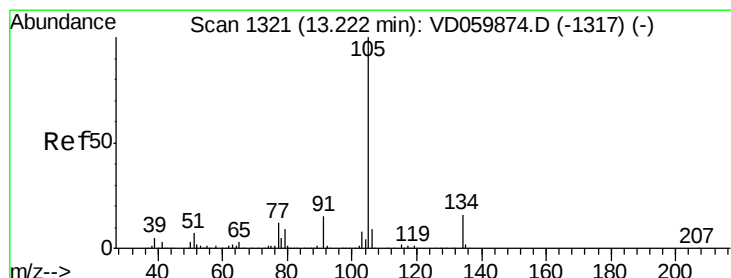
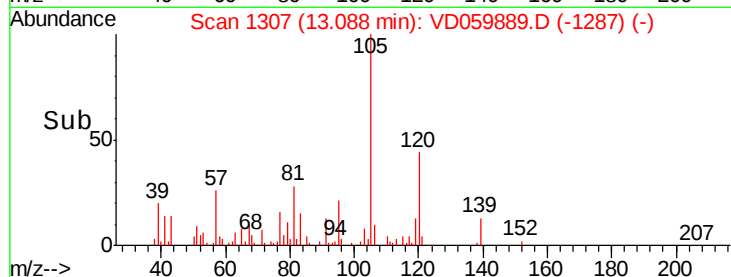
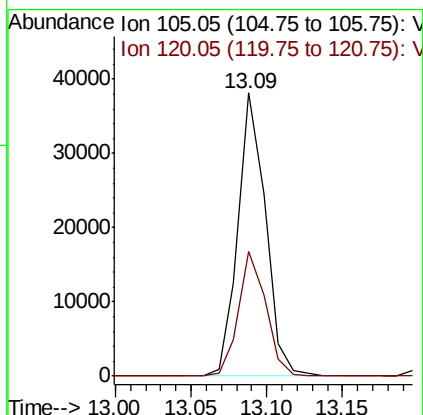
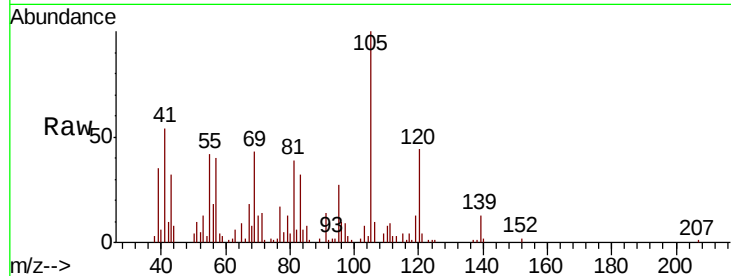




#84
1,2,4-Trimethylbenzene
Concen: 9.27 ug/l
RT: 13.09 min Scan# 1307
Delta R.T. -0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

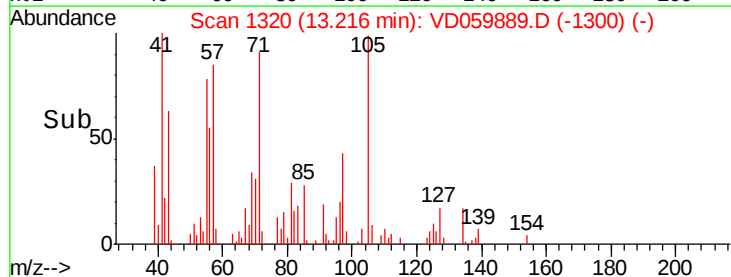
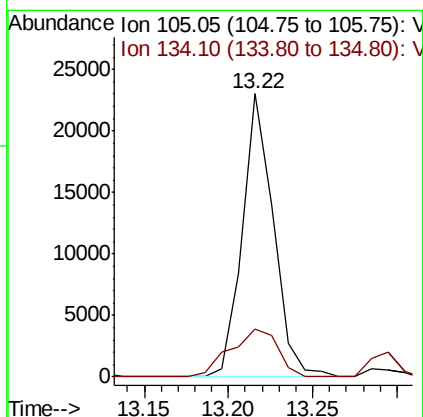
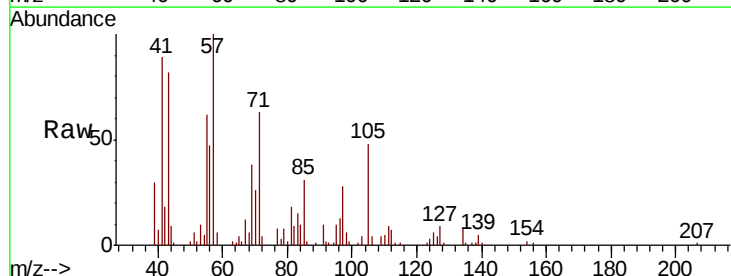
Instrument :
MSVOA_D
ClientSampleId :
RA-081718-SSW-115-050RE

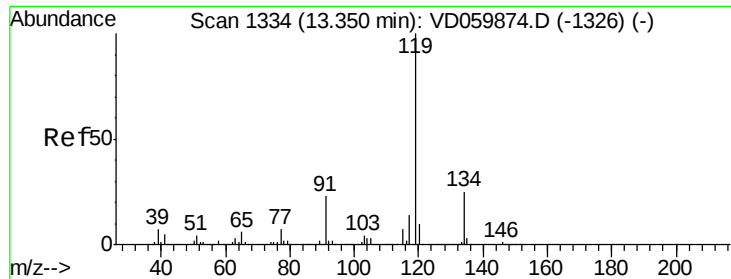
Tot Ion:105 Resp: 48230
Ion Ratio Lower Upper
105 100
120 44.0 21.8 65.3



#85
sec-Butylbenzene
Concen: 4.41 ug/l
RT: 13.22 min Scan# 1320
Delta R.T. -0.01 min
Lab File: VD059889.D
Acq: 23 Aug 2018 15:39

Tgt Ion:105 Resp: 29453
Ion Ratio Lower Upper
105 100
134 16.7 8.2 24.4

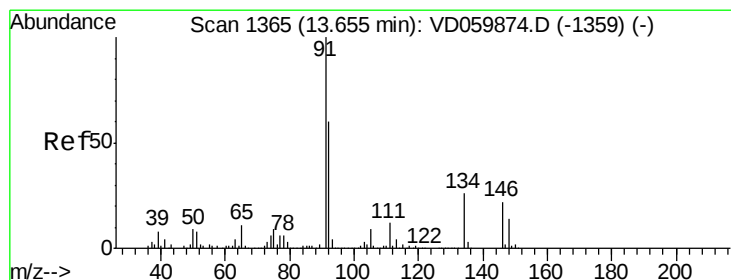
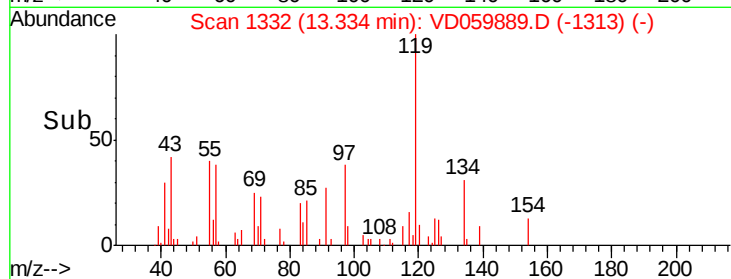
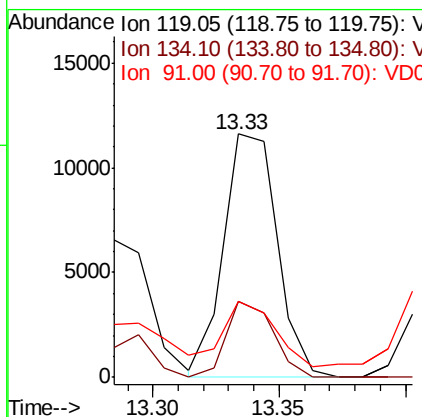
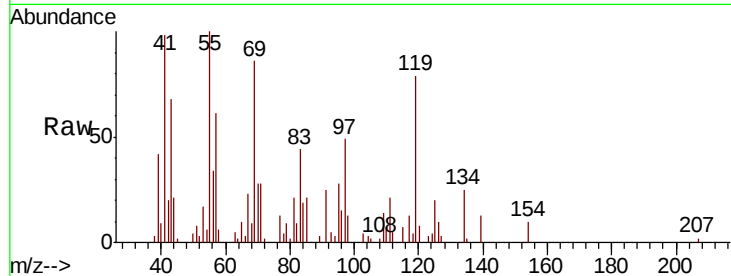




#86
 p-Isopropyltoluene
 Concen: 3.16 ug/l
 RT: 13.33 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

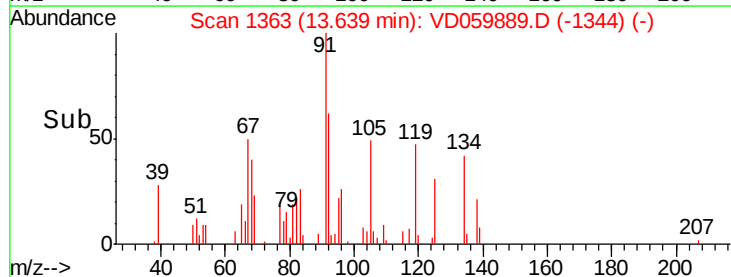
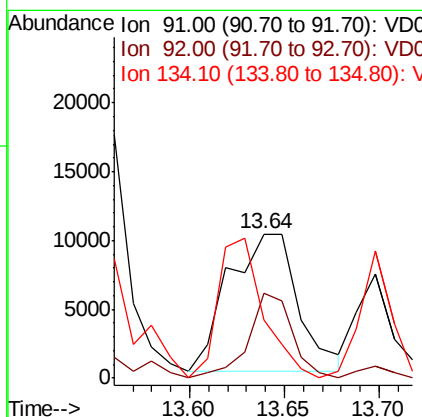
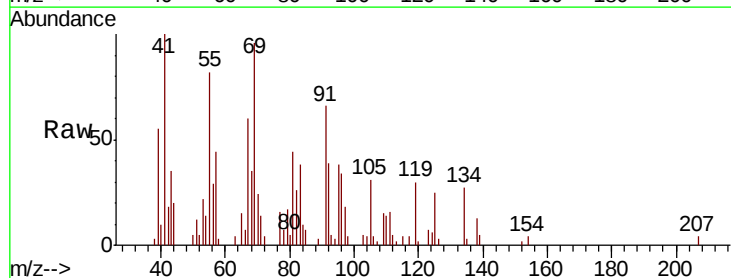
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-081718-SSW-115-050RE

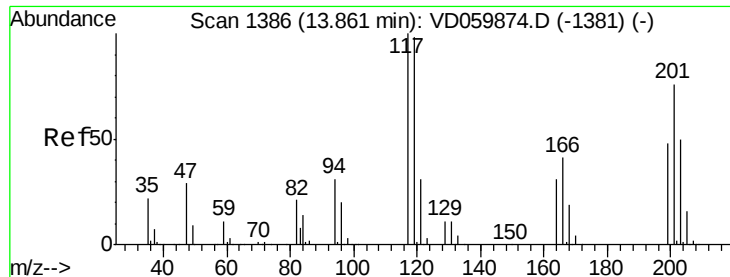
Tot Ion: 119 Resp: 17167
 Ion Ratio Lower Upper
 119 100
 134 31.0 12.7 38.1
 91 31.4 11.7 35.0



#89
 n-Butylbenzene
 Concen: 3.32 ug/l
 RT: 13.64 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VD059889.D
 Acq: 23 Aug 2018 15:39

Tgt Ion: 91 Resp: 25379
 Ion Ratio Lower Upper
 91 100
 92 58.6 30.0 90.1
 134 40.2 12.8 38.4#





#90

Hexachloroethane

Concen: 2.04 ug/l

RT: 13.85 min Scan# 1384

Delta R.T. -0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

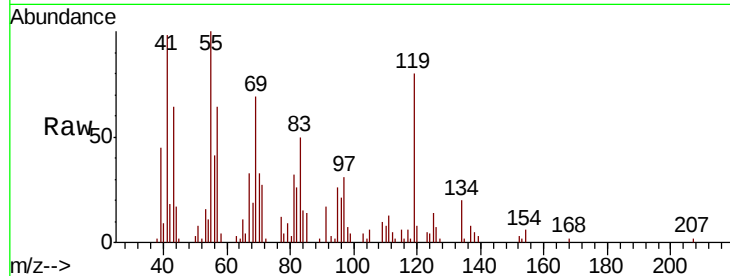
RA-081718-SSW-115-050RE

Tot Ion:117 Resp: 2973

Ion Ratio Lower Upper

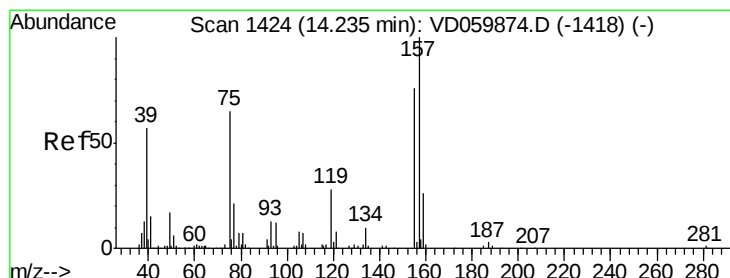
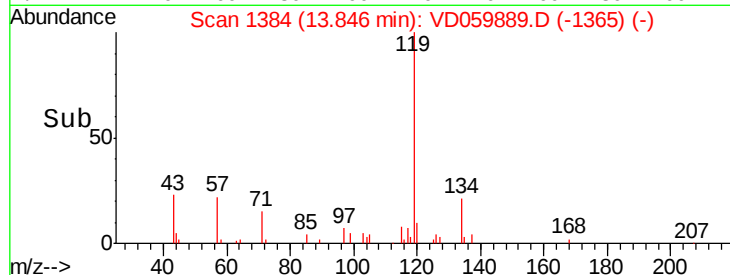
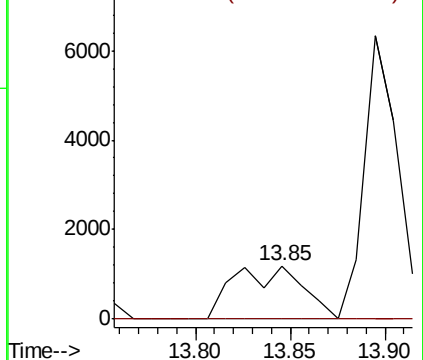
117 100

201 0.0 38.1 114.5#



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: 2.05 ug/l

RT: 14.26 min Scan# 1426

Delta R.T. 0.02 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

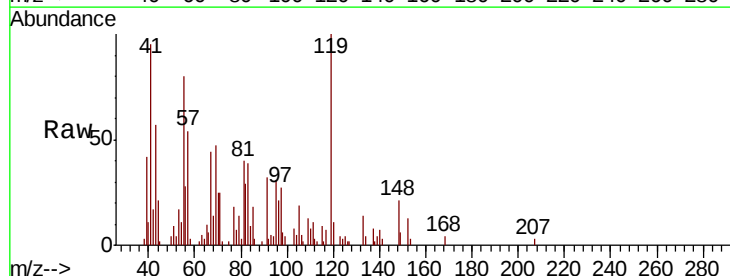
Tgt Ion: 75 Resp: 457

Ion Ratio Lower Upper

75 100

155 0.0 58.2 174.6#

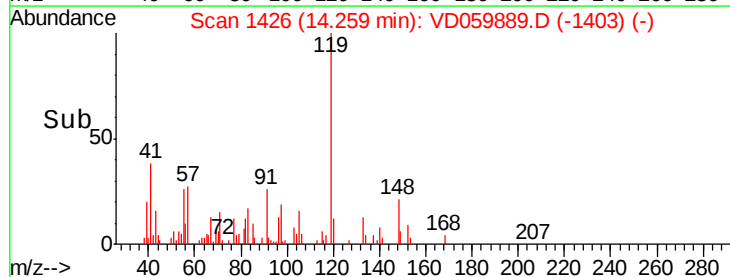
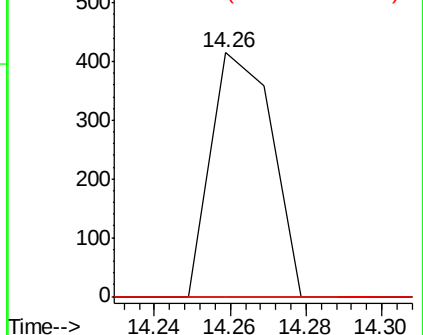
157 0.0 76.8 230.4#

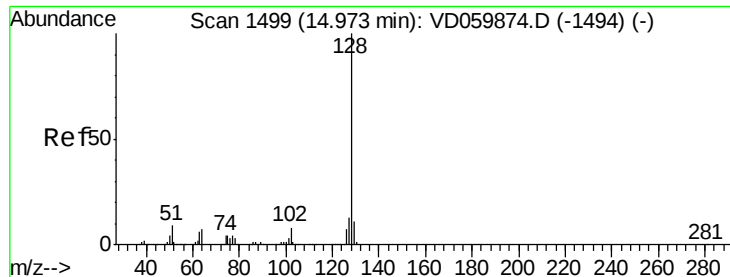


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95

Naphthalene

Concen: 4.99 ug/l

RT: 14.97 min Scan# 1498

Delta R.T. -0.01 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

Instrument :

MSVOA_D

ClientSampleId :

RA-081718-SSW-115-050RE

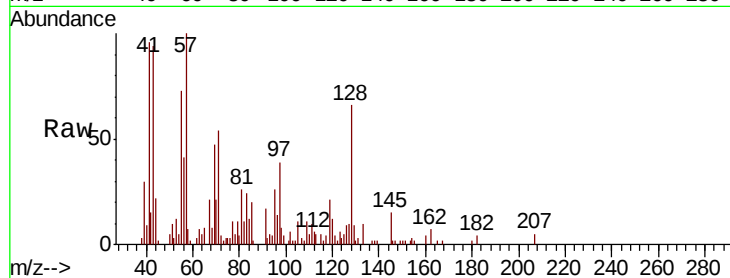
Tot Ion:128 Resp: 17237

Ion Ratio Lower Upper

128 100

127 15.1 10.0 15.0#

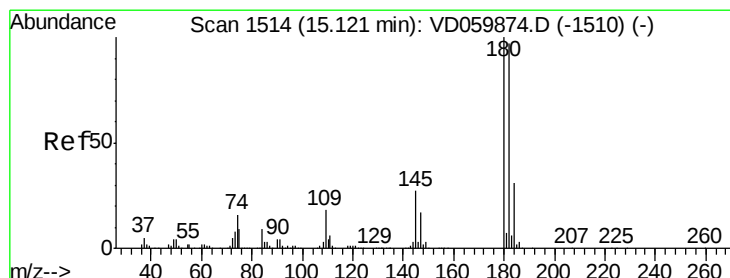
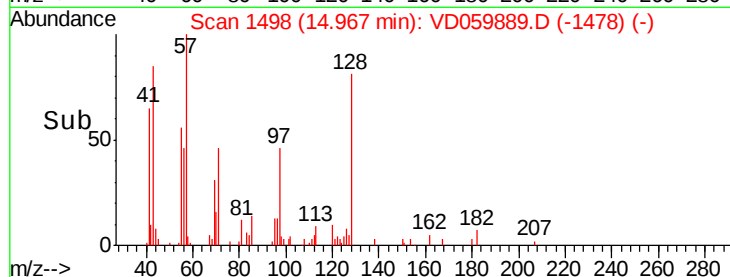
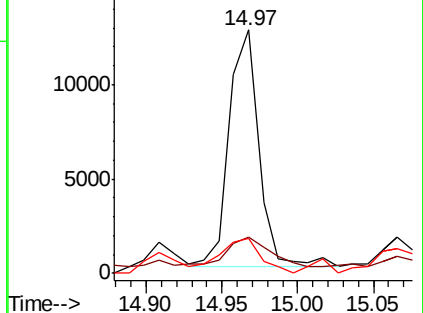
129 14.2 8.6 13.0#



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: 2.14 ug/l

RT: 15.12 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VD059889.D

Acq: 23 Aug 2018 15:39

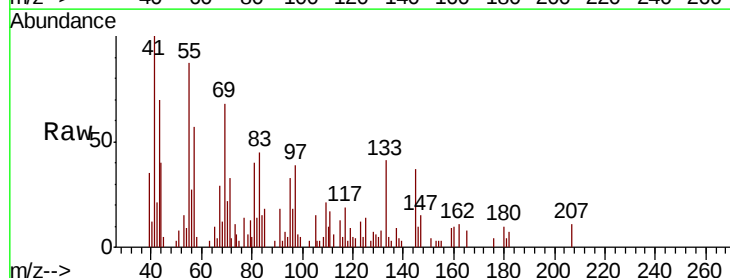
Tgt Ion:180 Resp: 4135

Ion Ratio Lower Upper

180 100

182 72.5 48.6 145.8

145 365.3 13.6 40.8#



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

