

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060057.D
 Acq On : 20 Sep 2018 19:33
 Operator : VA/AP
 Sample : J5017-05
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

Quant Time: Sep 21 01:01:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1003284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1439118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1076874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	415001	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	385710	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	6.30	113	498034	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
50) Toluene-d8	9.44	98	1226433	39.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.72%	
62) 4-Bromofluorobenzene	12.42	95	421191	35.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.76%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.92	59	3130	4.96	ug/l	# 74
16) Acetone	3.14	43	81971	54.27	ug/l	98
20) Methylene Chloride	3.69	84	64475	Below	Cal	96
25) 2-Butanone	5.60	43	50498	12.39	ug/l	100
29) Tetrahydrofuran	5.93	42	2865	1.31	ug/l	# 41
31) Cyclohexane	6.37	56	30727	1.77	ug/l	# 1
36) 1,1-Dichloropropene	6.37	75	73778	5.16	ug/l	# 46
37) Ethyl Acetate	5.60	43	50498	5.14	ug/l	# 72
38) Carbon Tetrachloride	6.38	117	78056	5.85	ug/l	# 15
39) Methylcyclohexane	8.02	83	84431	5.22	ug/l	96
48) Methyl methacrylate	8.27	41	7570	1.03	ug/l	# 61
51) 4-Methyl-2-Pentanone	9.33	43	3986	Below	Cal	# 69
56) Ethyl methacrylate	9.93	69	26476	2.94	ug/l	# 7
59) 2-Hexanone	10.43	43	85580	1.50	ug/l	# 34
68) m/p-Xylenes	11.55	106	23566	1.71	ug/l	88
69) o-Xylene	11.92	106	23743	1.74	ug/l	98
73) Isopropylbenzene	12.27	105	54944	2.02	ug/l	94
74) N-amyl acetate	12.08	43	179601	16.66	ug/l	# 61
75) 1,1,2,2-Tetrachloroethane	12.57	83	41073	6.65	ug/l	# 50
76) 1,2,3-Trichloropropane	12.42	75	113088	17.84	ug/l	# 48
78) n-propylbenzene	12.63	91	78978	2.31	ug/l	99
80) 1,3,5-Trimethylbenzene	12.78	105	94343	4.52	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.42	75	163812	85.62	ug/l	# 19
84) 1,2,4-Trimethylbenzene	13.09	105	326782	14.68	ug/l	100
85) sec-Butylbenzene	13.21	105	75328	2.63	ug/l	95
86) p-Isopropyltoluene	13.33	119	87354	3.76	ug/l	91
89) n-Butylbenzene	13.64	91	121433	3.00	ug/l	96
90) Hexachloroethane	13.84	117	22497	3.91	ug/l	# 7
91) 1,2-Dichlorobenzene	13.65	146	764	Below	Cal	# 1
92) 1,2-Dibromo-3-Chloropropan	14.18	75	3506	3.72	ug/l	# 26
95) Naphthalene	14.96	128	49371	3.29	ug/l	# 26
96) 1,2,3-Trichlorobenzene	15.02	180	19030	2.22	ug/l	94

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration

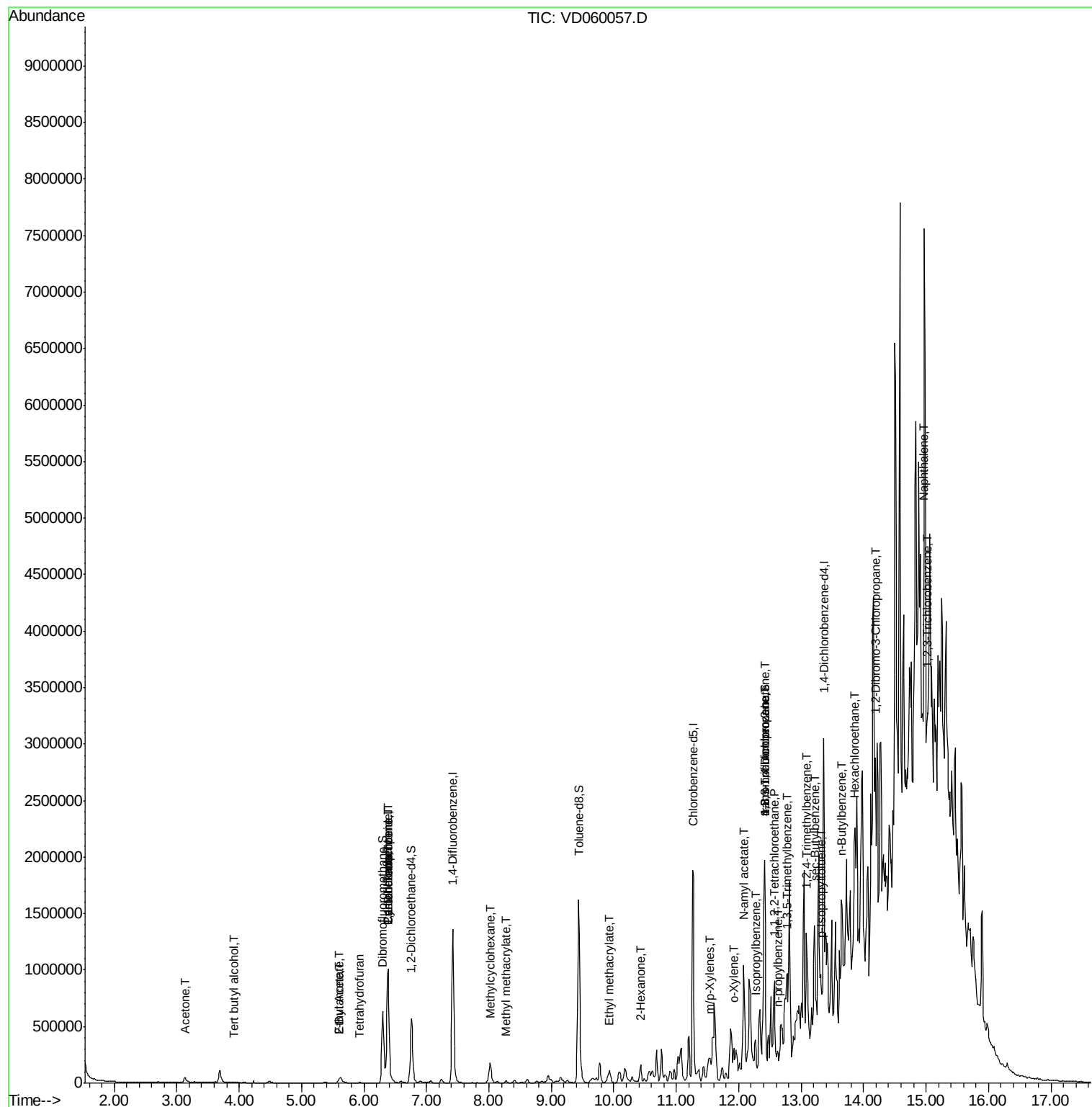
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

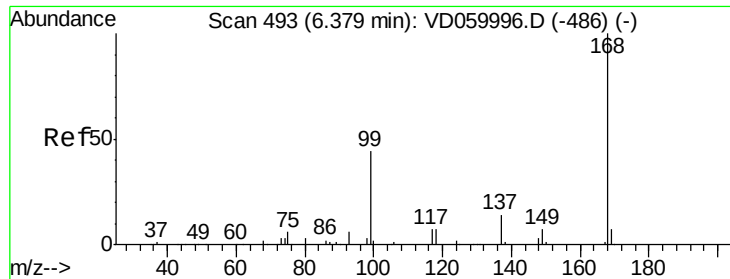
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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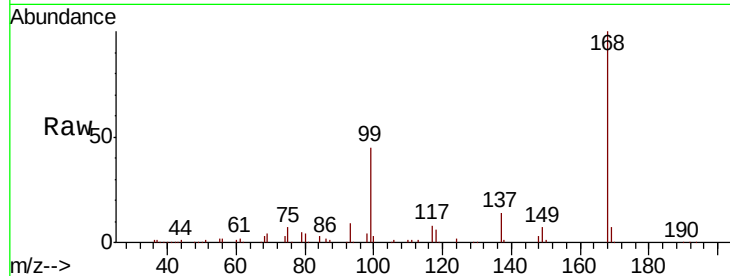


#1

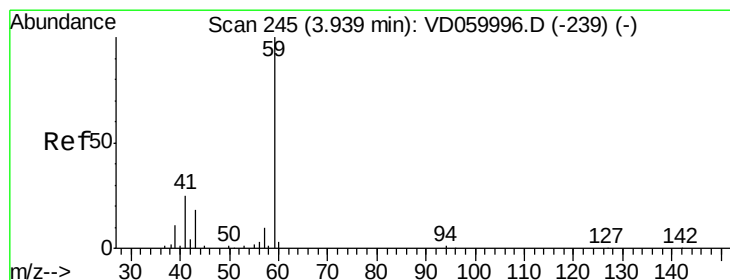
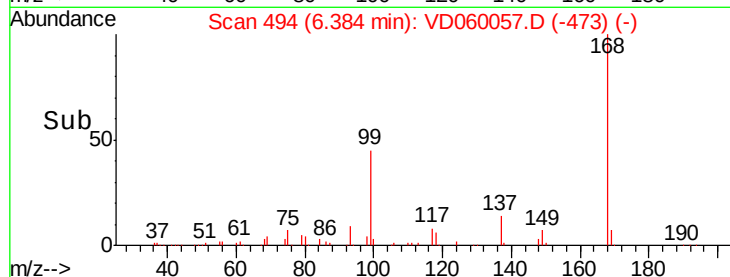
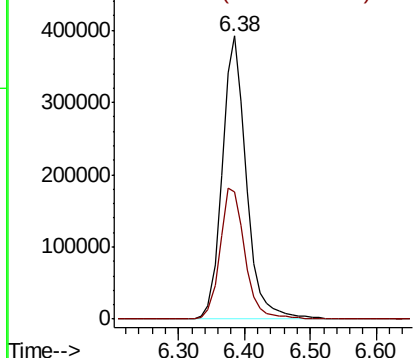
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.38 min Scan# 494
 Delta R.T. 0.01 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

Tot Ion:168 Resp: 1003284
 Ion Ratio Lower Upper
 168 100
 99 45.1 38.5 57.7



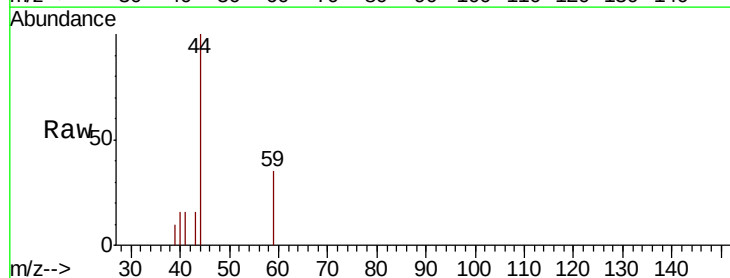
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



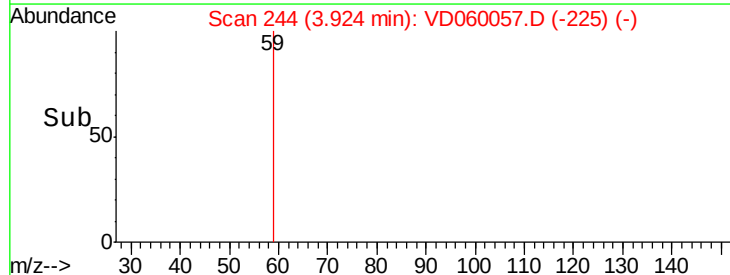
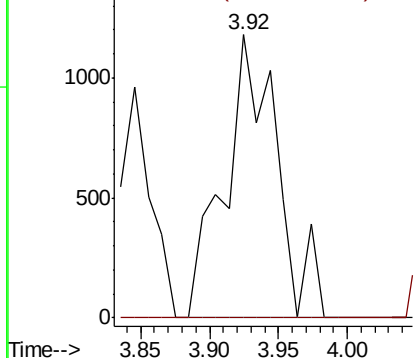
#11

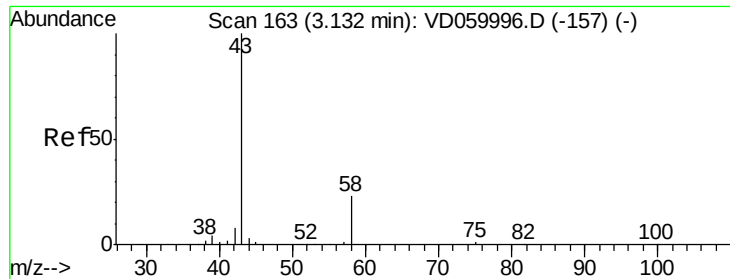
Tert butyl alcohol
 Concen: 4.96 ug/l
 RT: 3.92 min Scan# 244
 Delta R.T. -0.01 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Tgt Ion: 59 Resp: 3130
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 54.27 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

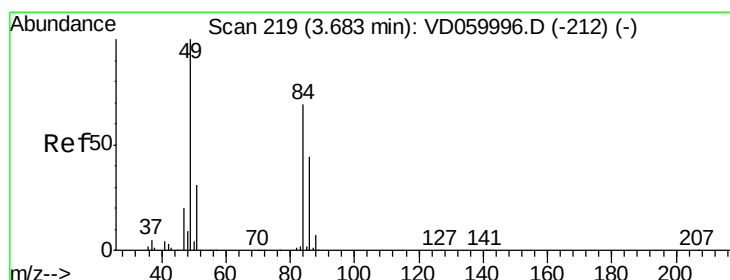
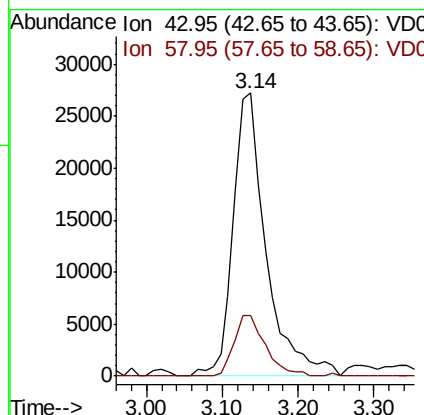
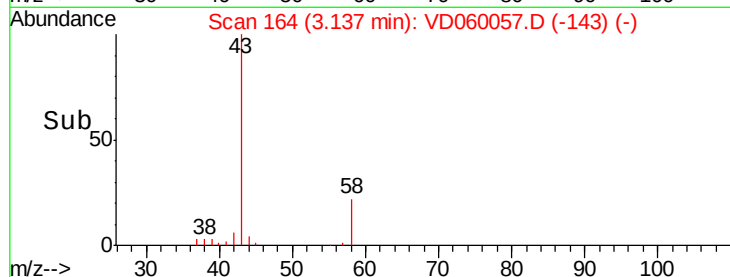
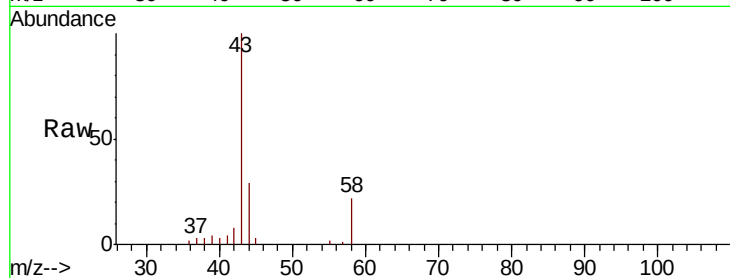
RA-091918-S-EW-059

Tot Ion: 43 Resp: 81971

Ion Ratio Lower Upper

43 100

58 21.6 18.1 27.1



#20

Methylene Chloride

Concen: Below Cal

RT: 3.69 min Scan# 220

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Tgt Ion: 84 Resp: 64475

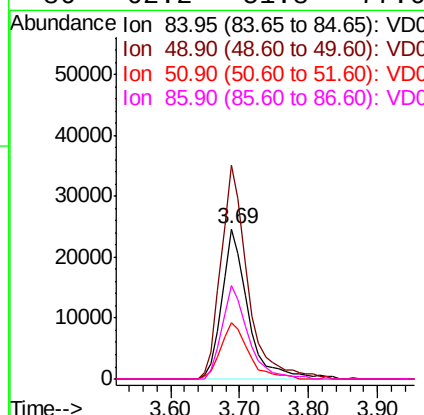
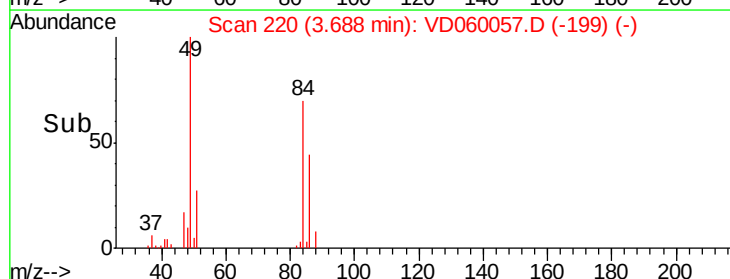
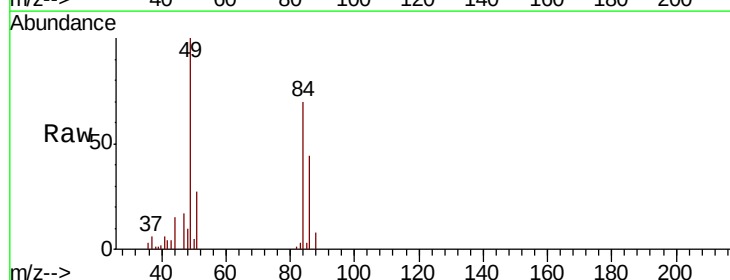
Ion Ratio Lower Upper

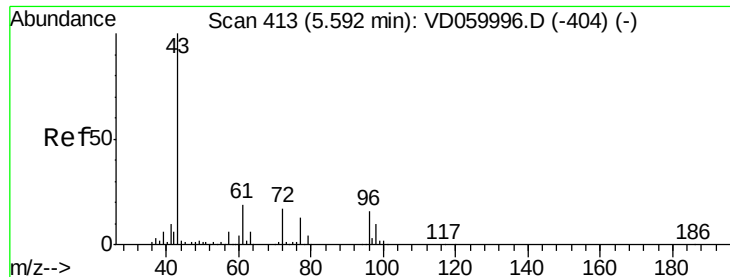
84 100

49 142.5 116.6 175.0

51 37.9 35.9 53.9

86 62.2 51.8 77.6





#25

2-Butanone

Concen: 12.39 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

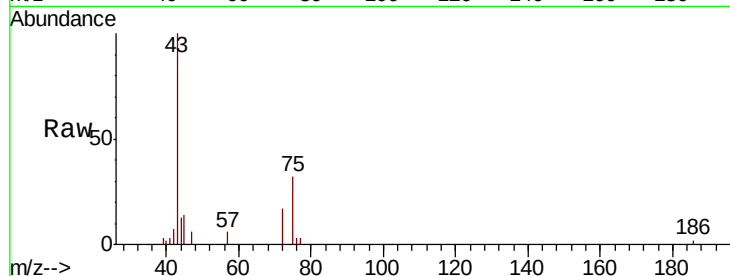
RA-091918-S-EW-059

Tot Ion: 43 Resp: 50498

Ion Ratio Lower Upper

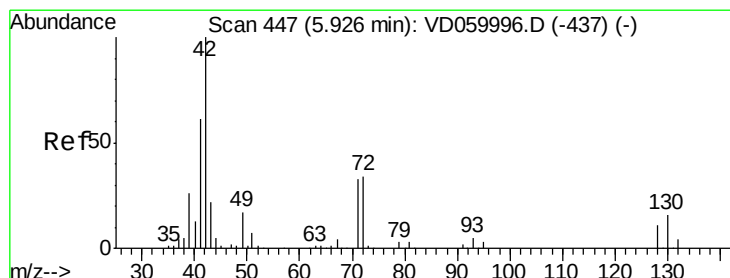
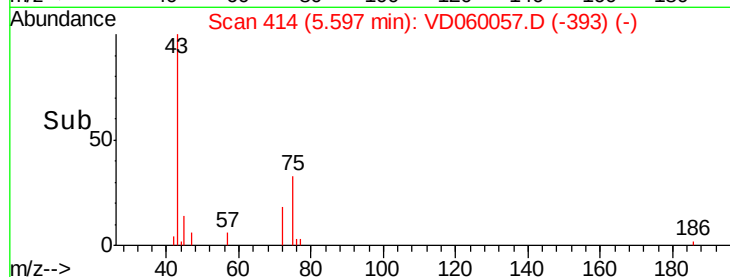
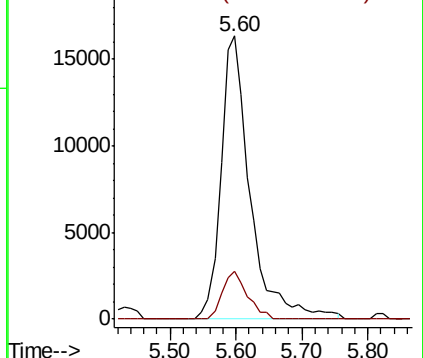
43 100

72 17.0 13.6 20.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 1.31 ug/l

RT: 5.93 min Scan# 448

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

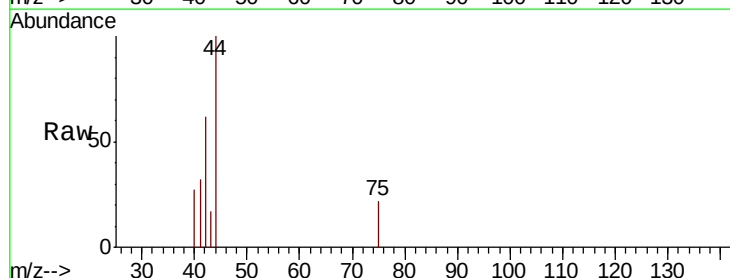
Tgt Ion: 42 Resp: 2865

Ion Ratio Lower Upper

42 100

72 0.0 26.9 40.3#

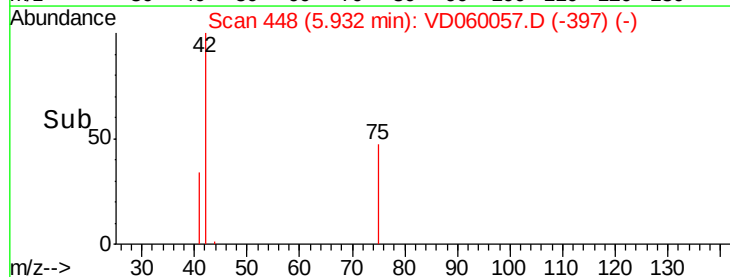
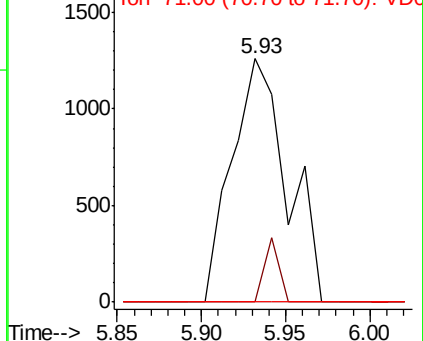
71 0.0 26.2 39.4#

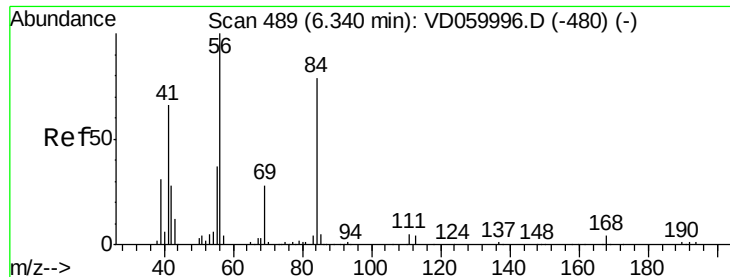


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

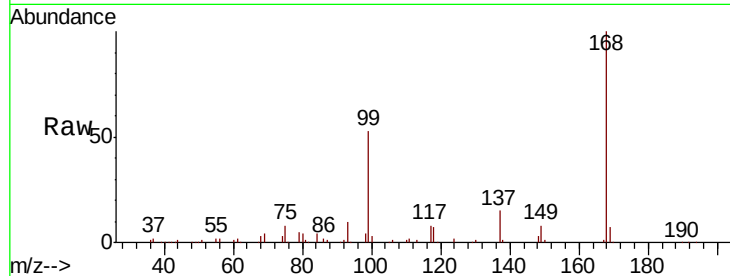




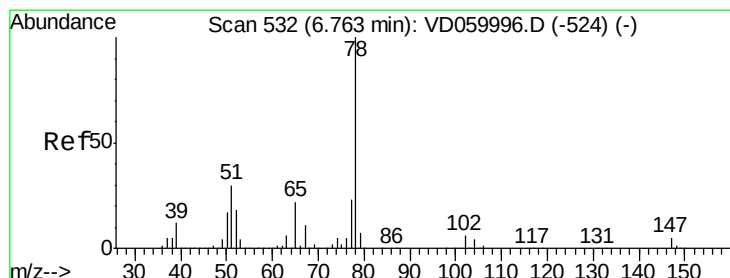
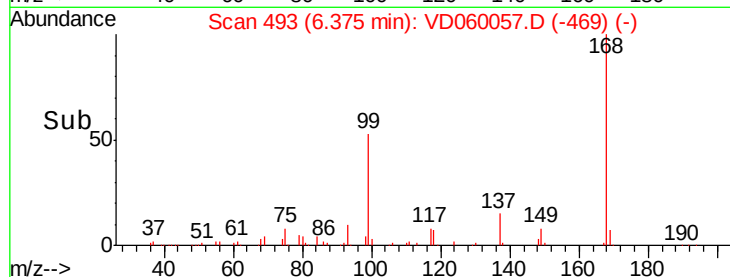
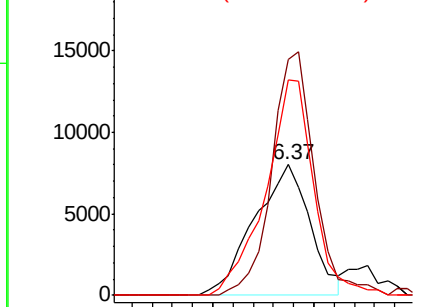
#31
Cyclohexane
Concen: 1.77 ug/l
RT: 6.37 min Scan# 493
Delta R.T. 0.03 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

Tot Ion: 56 Resp: 30727
Ion Ratio Lower Upper
56 100
69 180.7 22.7 34.1#
84 165.0 64.0 96.0#

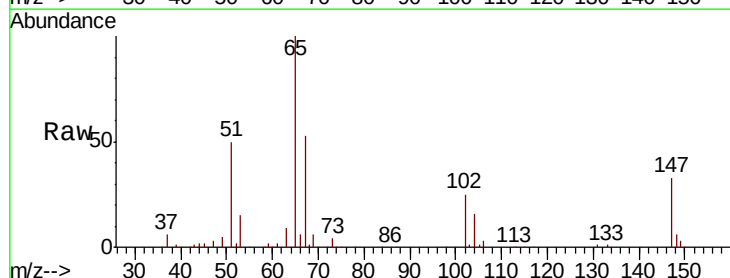


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

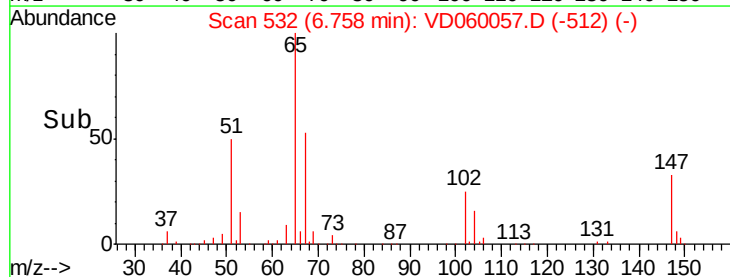
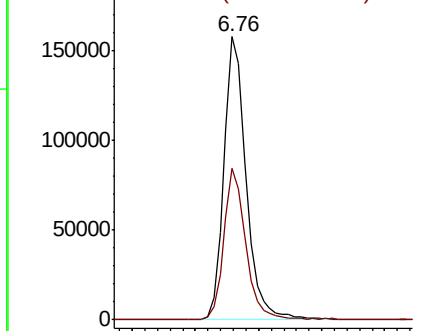


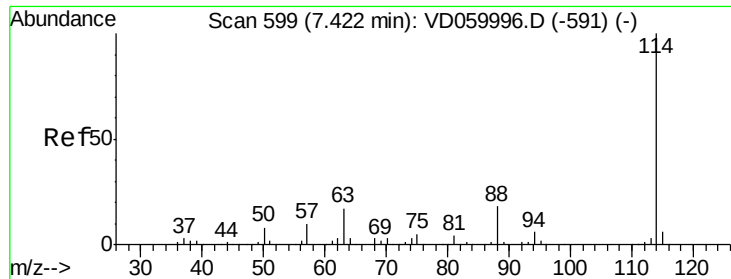
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.00 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

Tgt Ion: 65 Resp: 385710
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC



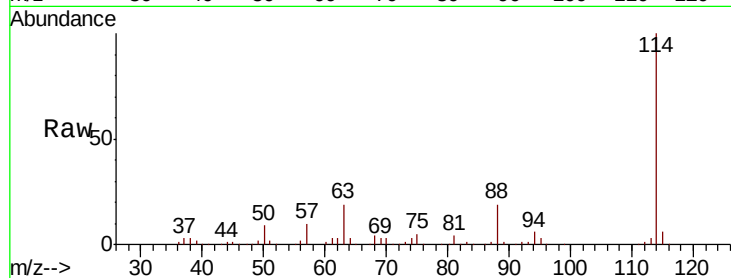


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

Tot Ion:114 Resp: 1439118

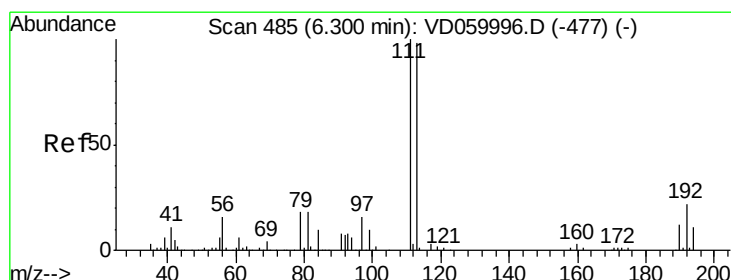
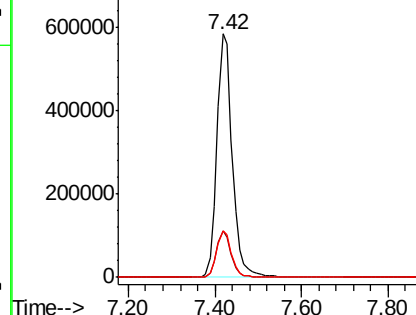
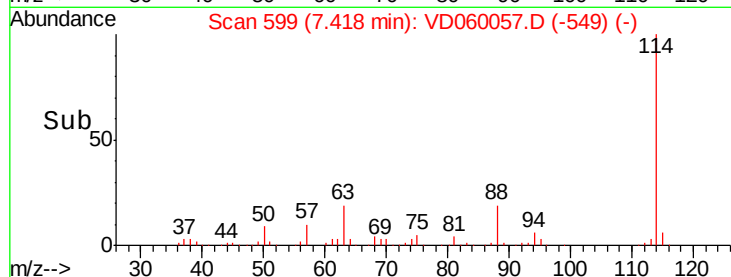
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	34.4
88	19.3	0.0	35.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

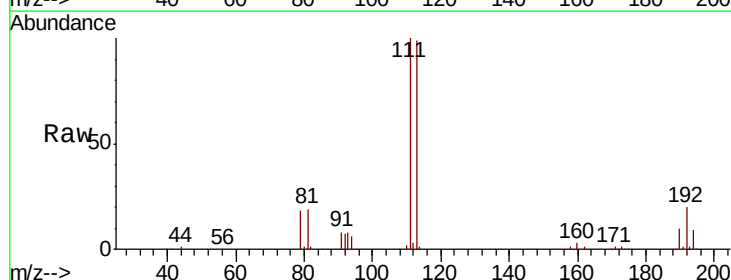
Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Tgt Ion:113 Resp: 498034

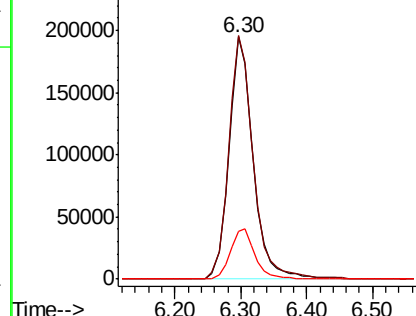
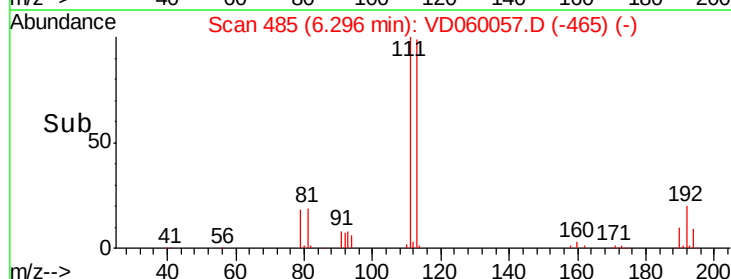
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.3	121.9
192	20.0	18.1	27.1

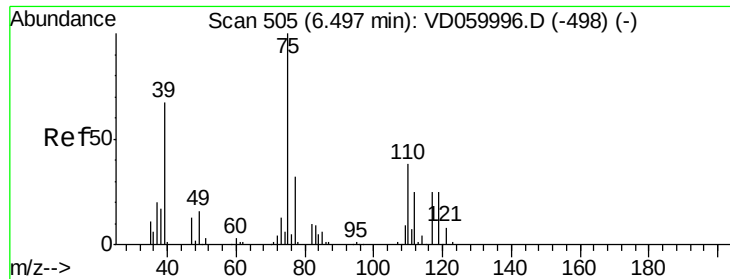


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

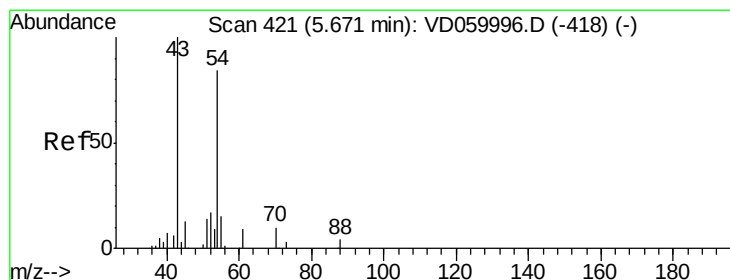
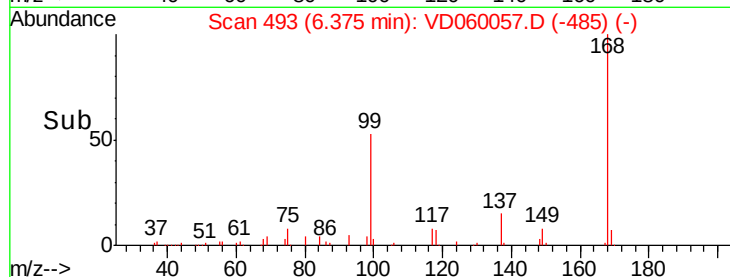
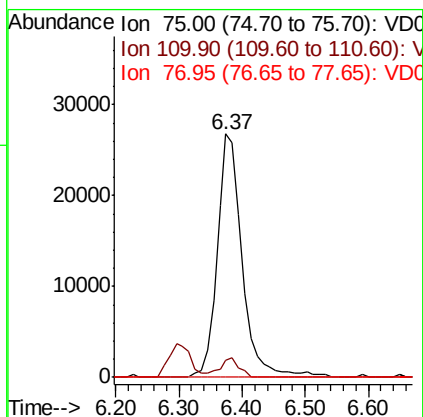
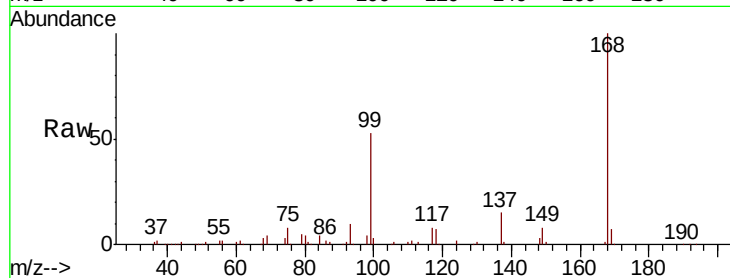




#36
 1,1-Dichloropropene
 Concen: 5.16 ug/l
 RT: 6.37 min Scan# 493
 Delta R.T. -0.12 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

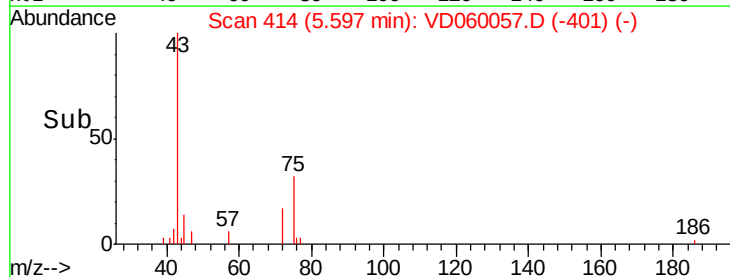
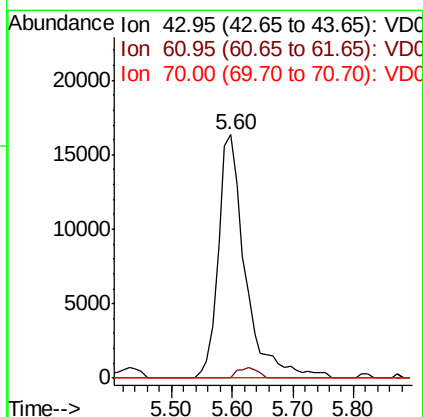
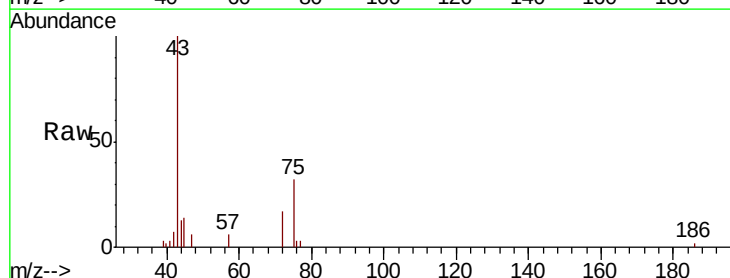
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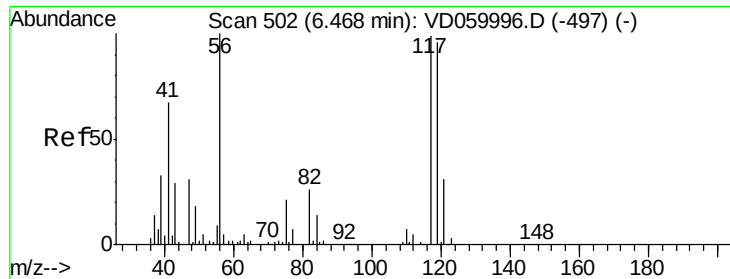
Tot Ion: 75 Resp: 73778
 Ion Ratio Lower Upper
 75 100
 110 6.9 18.9 56.9#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 5.14 ug/l
 RT: 5.60 min Scan# 414
 Delta R.T. -0.07 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Tgt Ion: 43 Resp: 50498
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.2 15.2#
 70 0.0 6.1 9.1#





#38

Carbon Tetrachloride

Concen: 5.85 ug/l

RT: 6.38 min Scan# 494

Delta R.T. -0.08 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

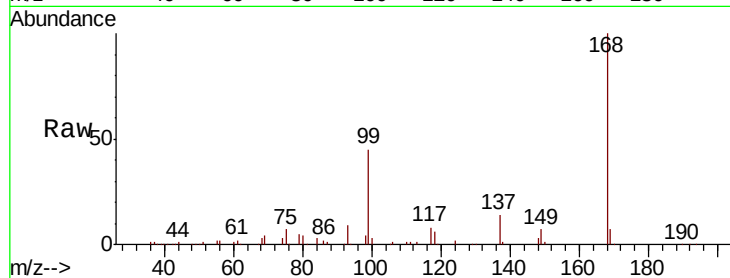
Tot Ion:117 Resp: 78056

Ion Ratio Lower Upper

117 100

119 4.4 76.7 115.1#

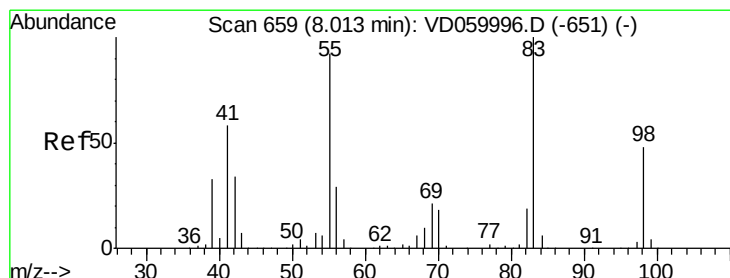
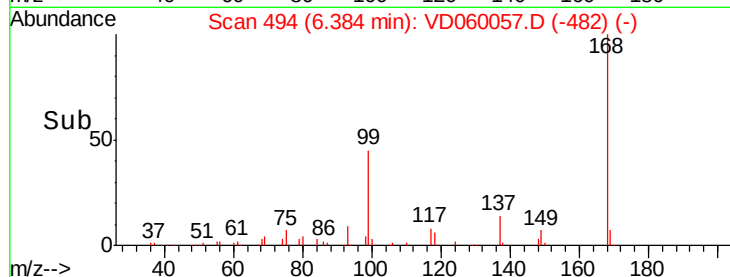
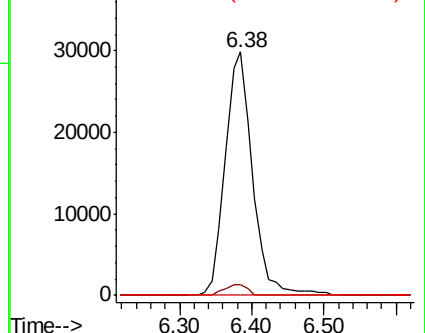
121 0.0 24.9 37.3#



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: 5.22 ug/l

RT: 8.02 min Scan# 660

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

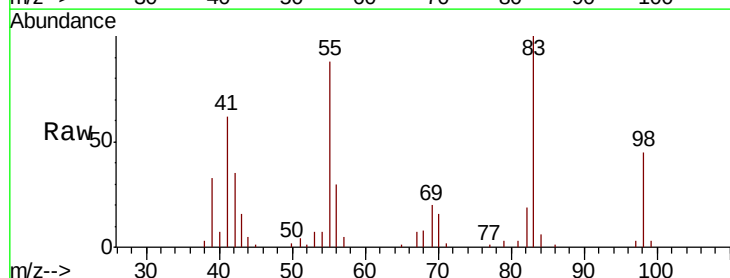
Tgt Ion: 83 Resp: 84431

Ion Ratio Lower Upper

83 100

55 88.2 73.8 110.6

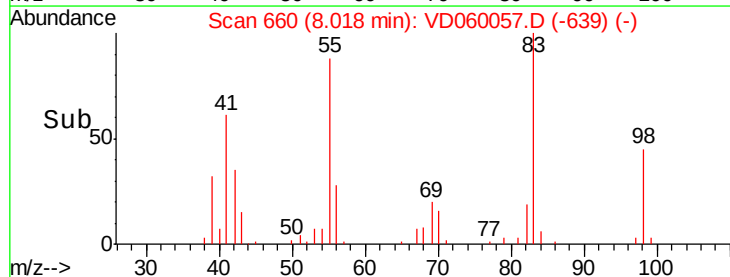
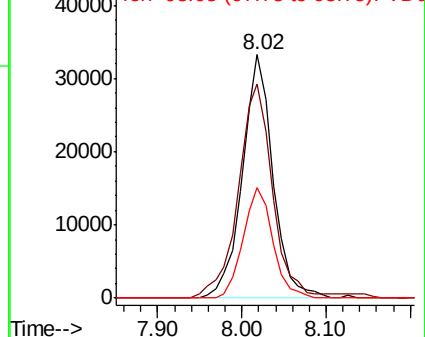
98 45.5 38.1 57.1

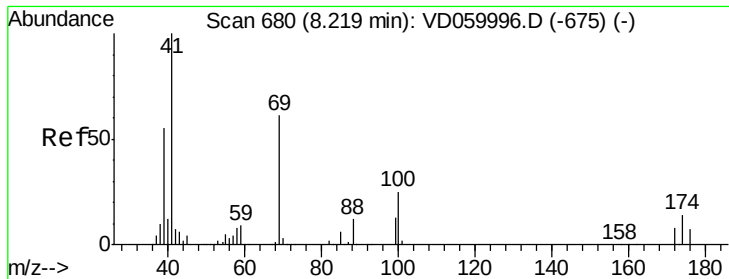


Abundance Ion 83.05 (82.75 to 83.75): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.05 (97.75 to 98.75): V

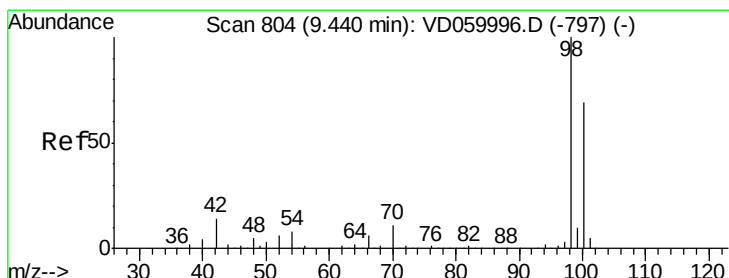
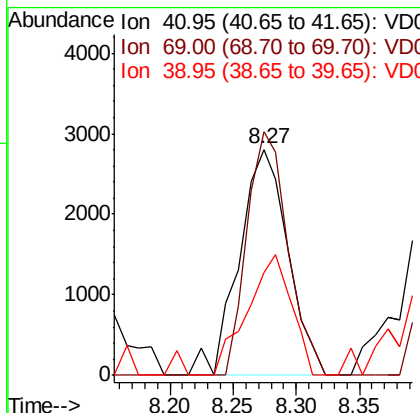
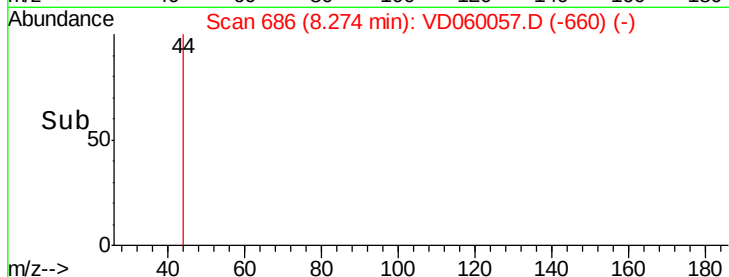
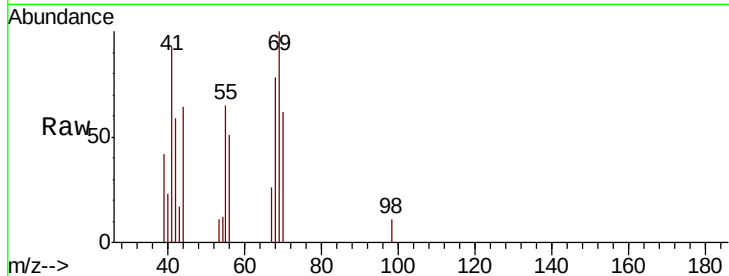




#48
Methyl methacrylate
Concen: 1.03 ug/l
RT: 8.27 min Scan# 686
Delta R.T. 0.05 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

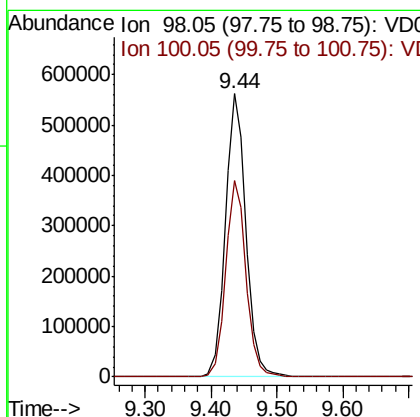
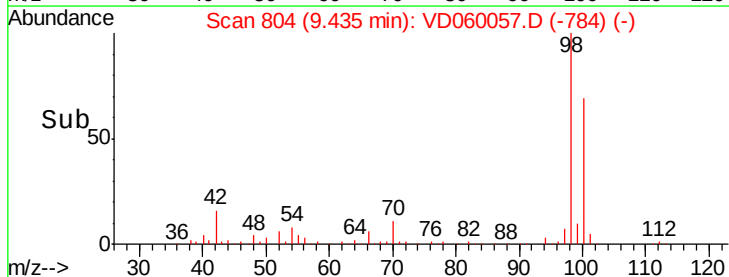
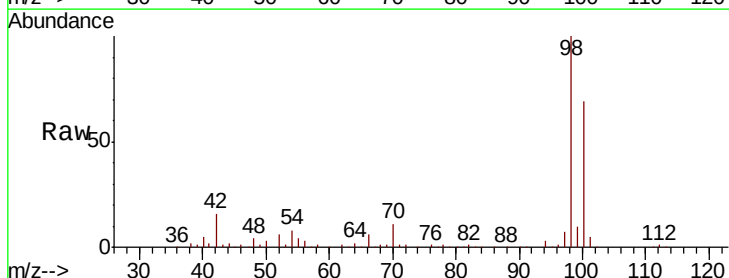
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

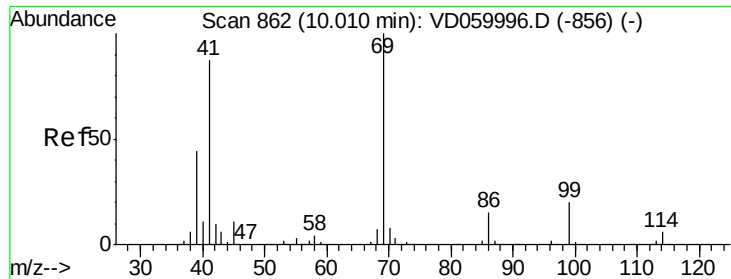
Tot Ion: 41 Resp: 7570
Ion Ratio Lower Upper
41 100
69 107.7 48.3 72.5#
39 45.3 44.1 66.1



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

Tgt Ion: 98 Resp: 1226433
Ion Ratio Lower Upper
98 100
100 69.2 55.8 83.6





#56

Ethyl methacrylate

Concen: 2.94 ug/l

RT: 9.93 min Scan# 854

Delta R.T. -0.08 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

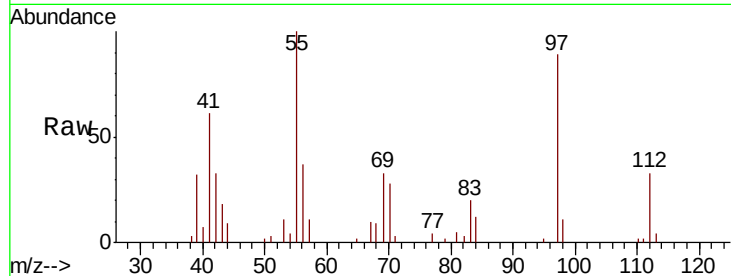
Tot Ion: 69 Resp: 26476

Ion Ratio Lower Upper

69 100

41 181.5 70.1 105.1#

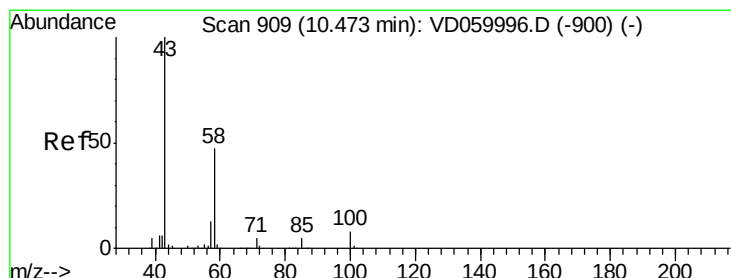
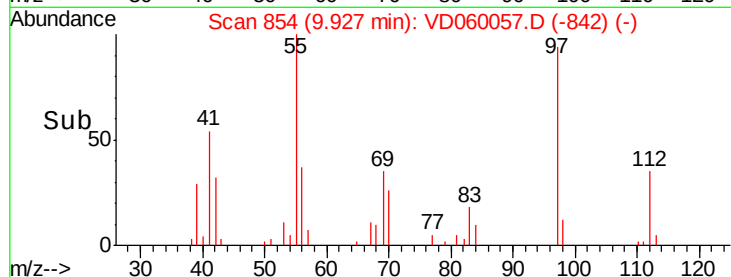
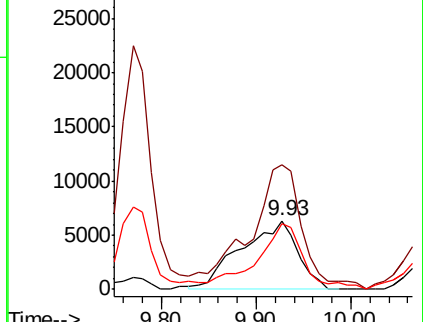
39 95.7 36.5 54.7#



Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC



#59

2-Hexanone

Concen: 1.50 ug/l

RT: 10.43 min Scan# 905

Delta R.T. -0.04 min

Lab File: VD060057.D

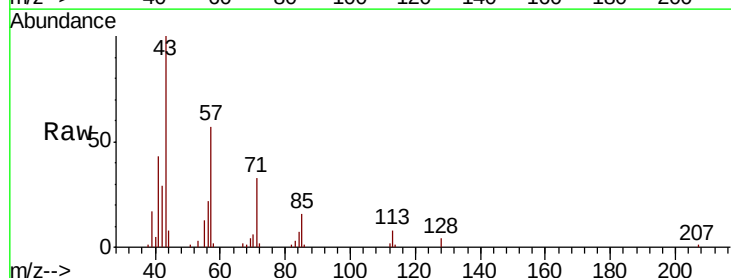
Acq: 20 Sep 2018 19:33

Tgt Ion: 43 Resp: 85580

Ion Ratio Lower Upper

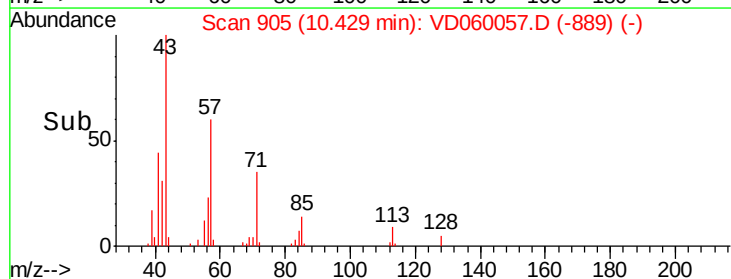
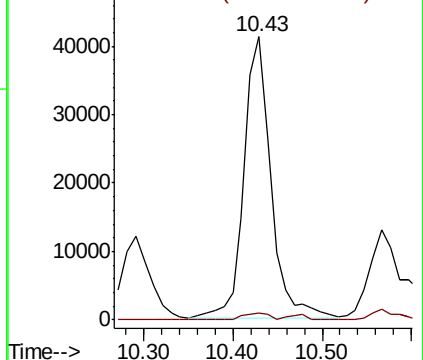
43 100

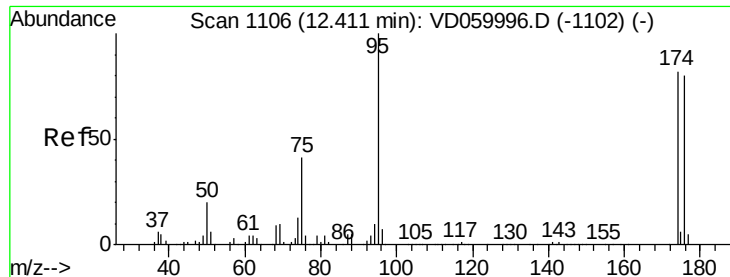
58 2.4 23.4 70.0#



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: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

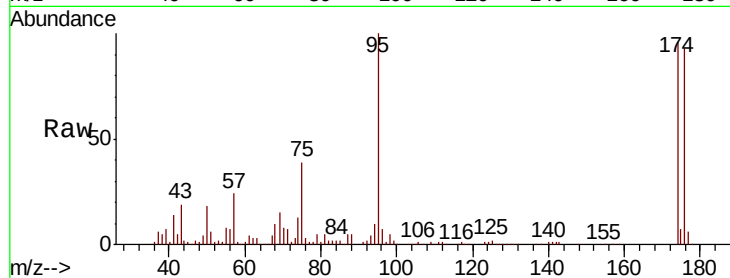
Tot Ion: 95 Resp: 421191

Ion Ratio Lower Upper

95 100

174 95.9 0.0 165.0

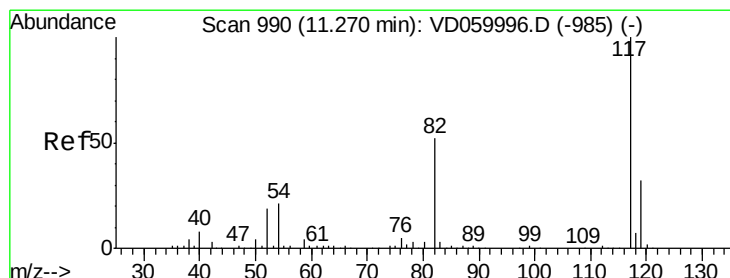
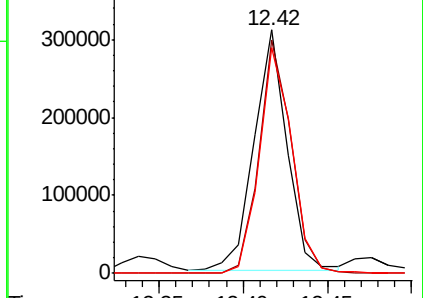
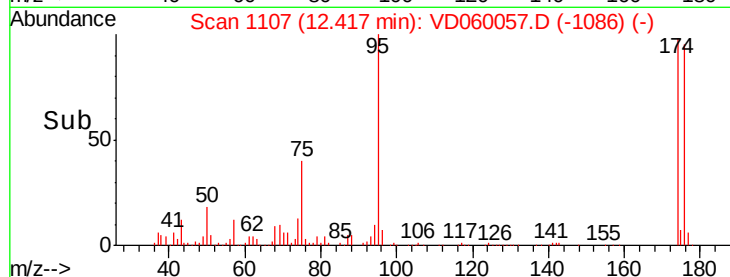
176 92.6 0.0 160.2



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: 50.00 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

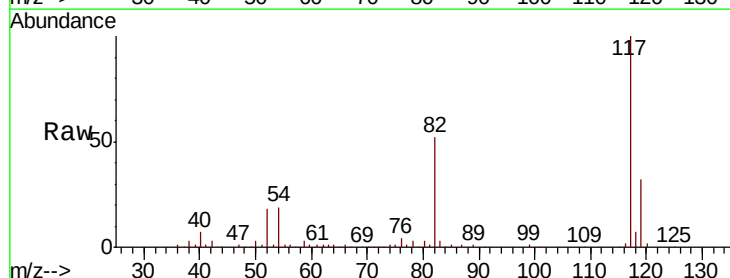
Tgt Ion: 117 Resp: 1076874

Ion Ratio Lower Upper

117 100

82 51.5 41.7 62.5

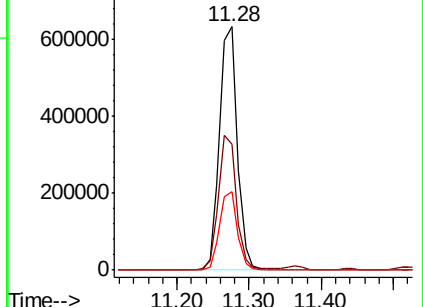
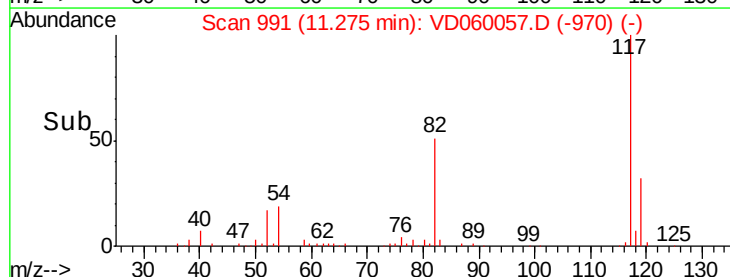
119 32.4 26.0 39.0

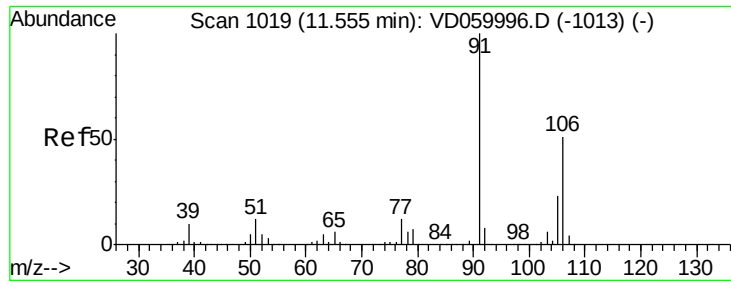


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

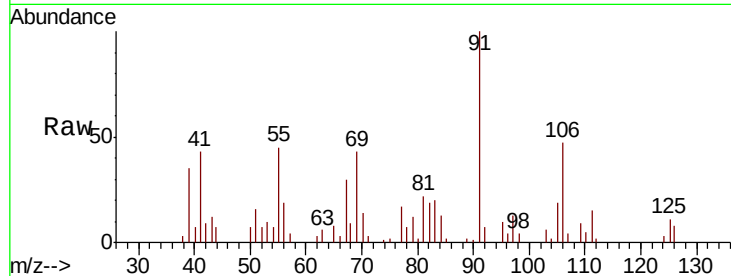




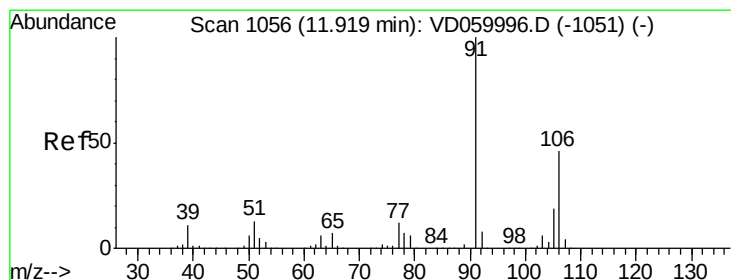
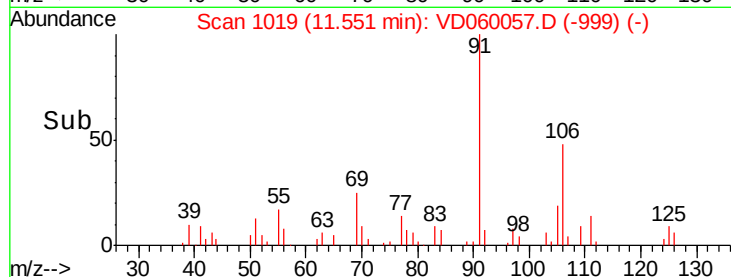
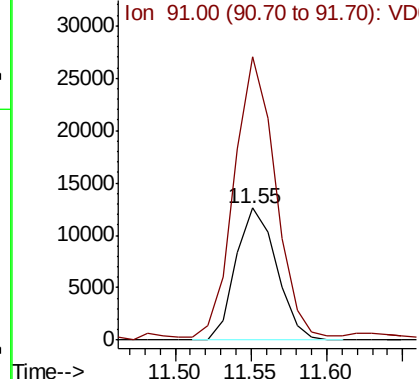
#68
m/p-Xylenes
Concen: 1.71 ug/l
RT: 11.55 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-EW-059

Tot Ion:106 Resp: 23566
Ion Ratio Lower Upper
106 100
91 214.7 157.0 235.6

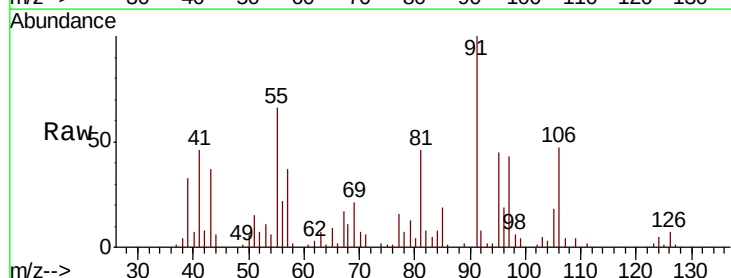


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

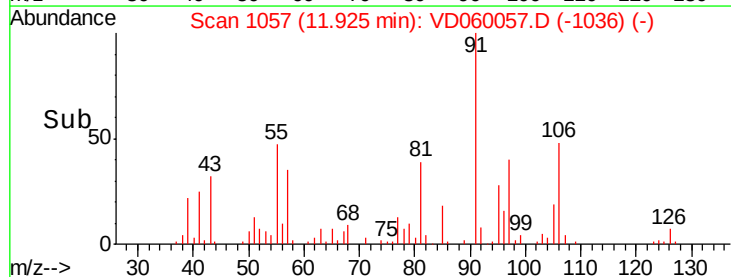
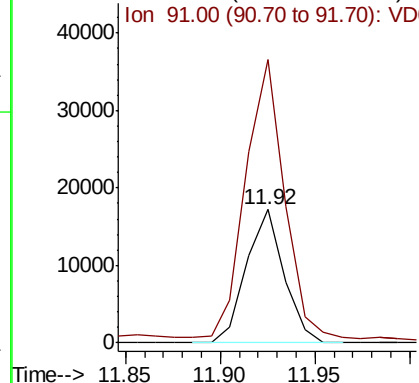


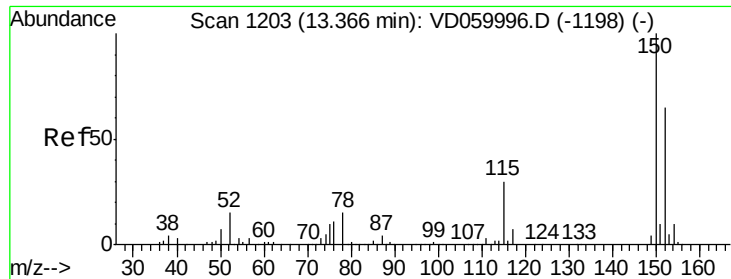
#69
o-Xylene
Concen: 1.74 ug/l
RT: 11.92 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VD060057.D
Acq: 20 Sep 2018 19:33

Tgt Ion:106 Resp: 23743
Ion Ratio Lower Upper
106 100
91 211.9 107.7 323.1



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: 50.00 ug/l

RT: 13.36 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

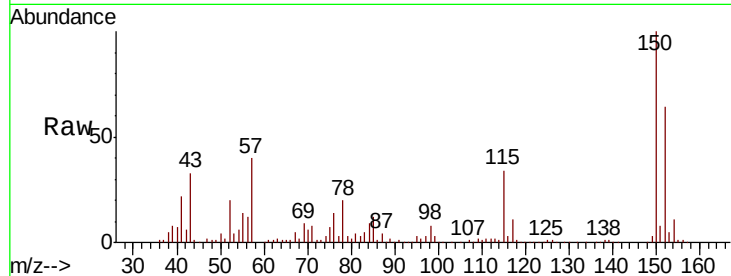
Tot Ion:152 Resp: 415001

Ion Ratio Lower Upper

152 100

115 53.1 24.6 73.8

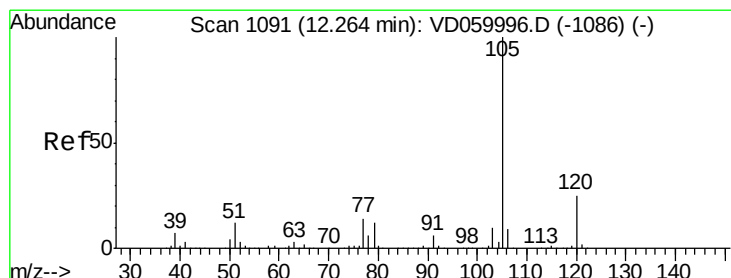
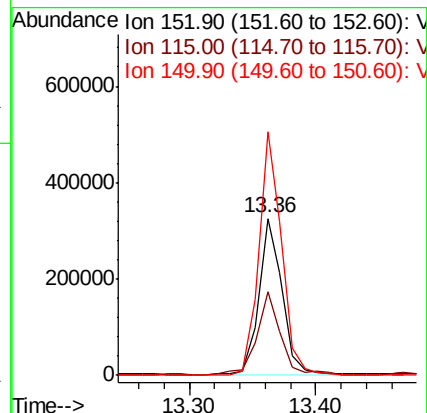
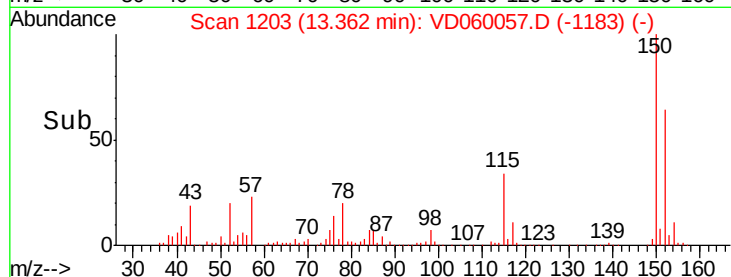
150 155.3 0.0 313.4



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: 2.02 ug/l

RT: 12.27 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VD060057.D

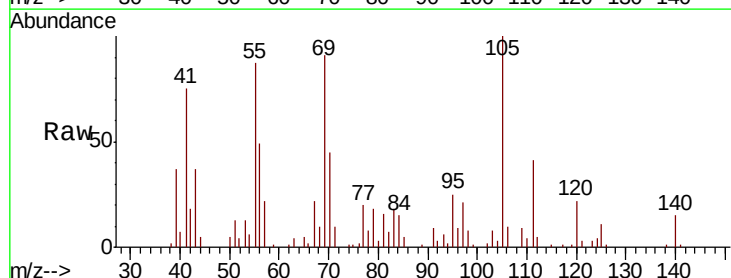
Acq: 20 Sep 2018 19:33

Tgt Ion:105 Resp: 54944

Ion Ratio Lower Upper

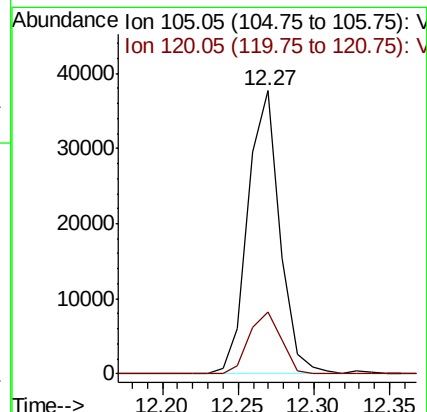
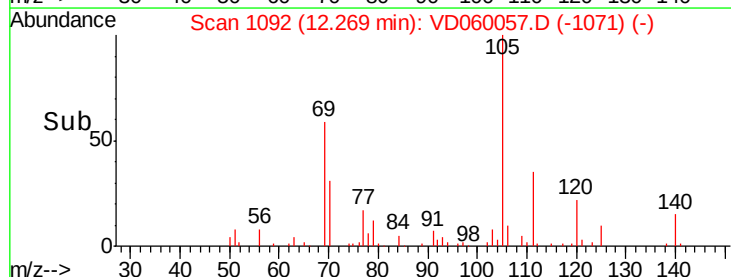
105 100

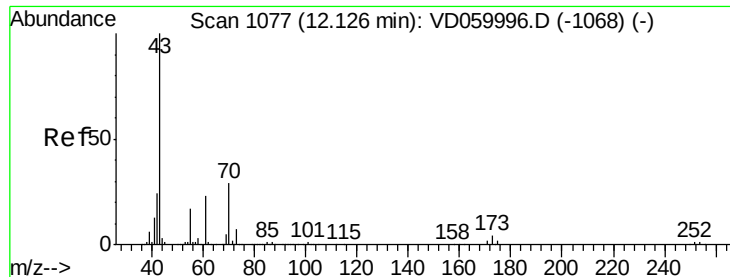
120 21.7 12.3 36.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-amvl acetate

Concen: 16.66 ug/l

RT: 12.08 min Scan# 1073

Delta R.T. -0.04 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

Tot Ion: 43 Resp: 179601

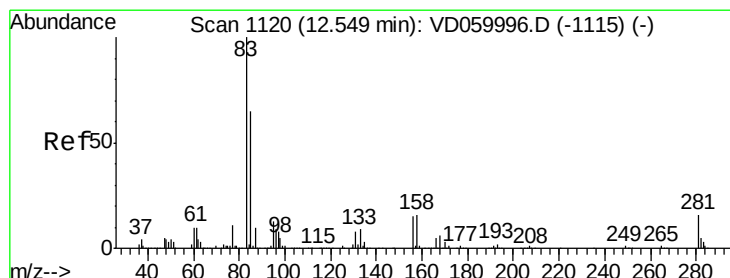
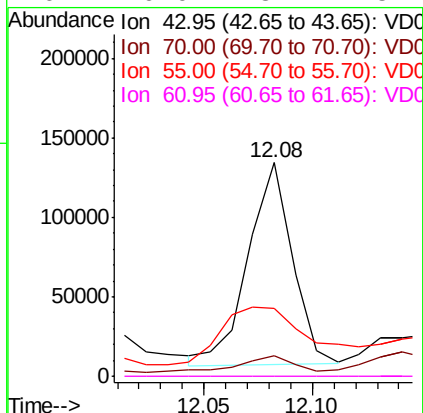
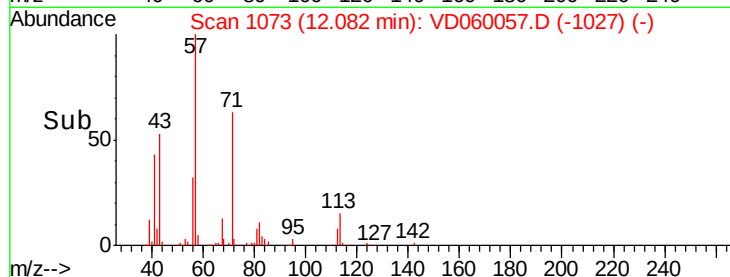
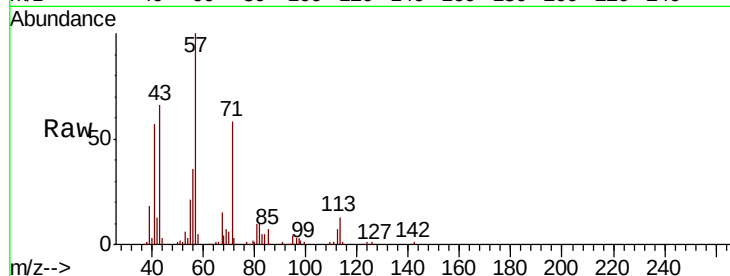
Ion Ratio Lower Upper

43 100

70 9.4 22.9 34.3#

55 31.7 14.0 21.0#

61 0.0 18.7 28.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 6.65 ug/l

RT: 12.57 min Scan# 1123

Delta R.T. 0.03 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

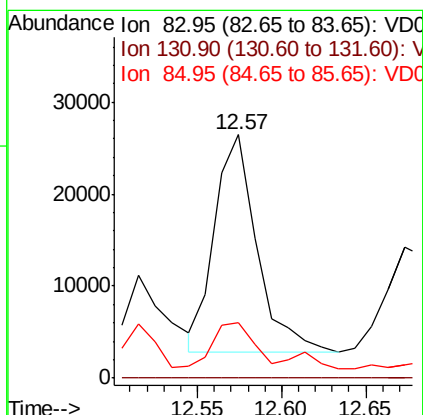
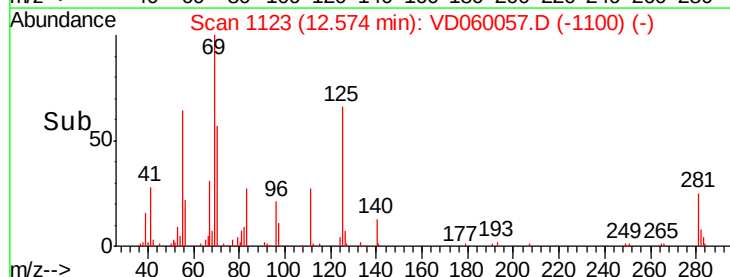
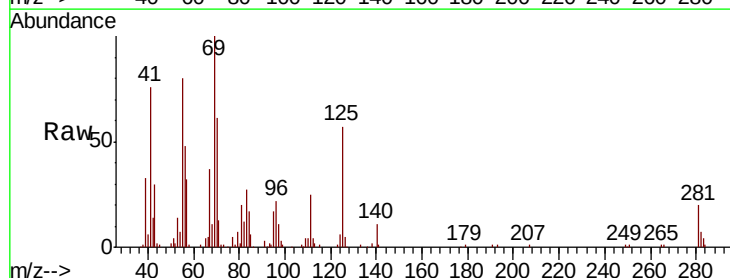
Tgt Ion: 83 Resp: 41073

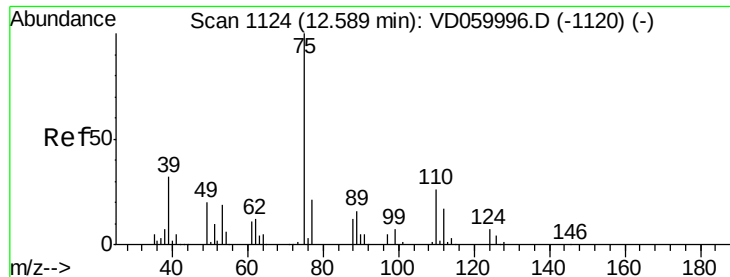
Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 22.8 32.4 97.2#





#76

1,2,3-Trichloropropane

Concen: 17.84 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.17 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

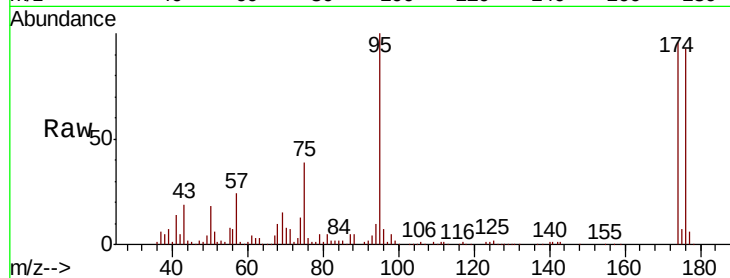
RA-091918-S-EW-059

Tot Ion: 75 Resp: 113088

Ion Ratio Lower Upper

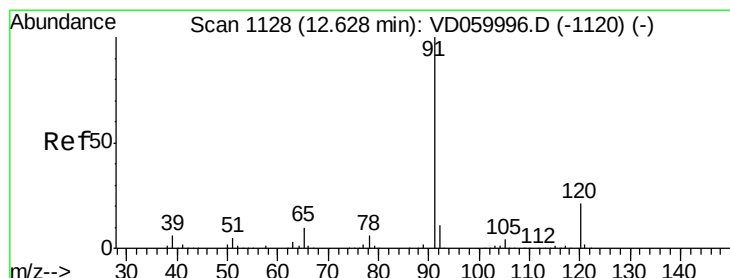
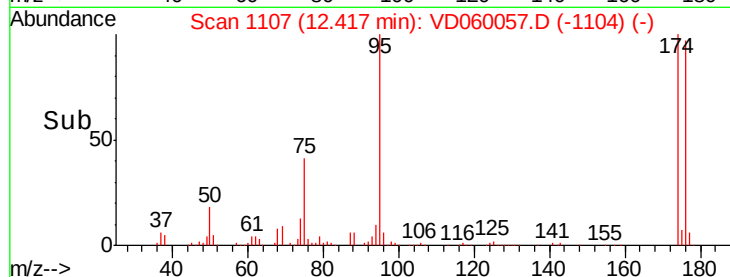
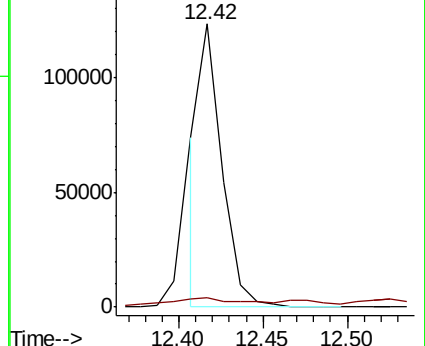
75 100

77 3.5 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#78

n-propylbenzene

Concen: 2.31 ug/l

RT: 12.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060057.D

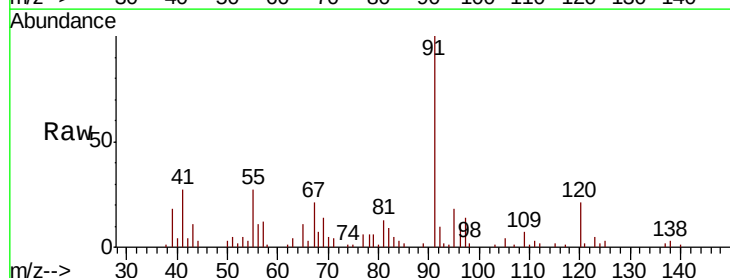
Acq: 20 Sep 2018 19:33

Tgt Ion: 91 Resp: 78978

Ion Ratio Lower Upper

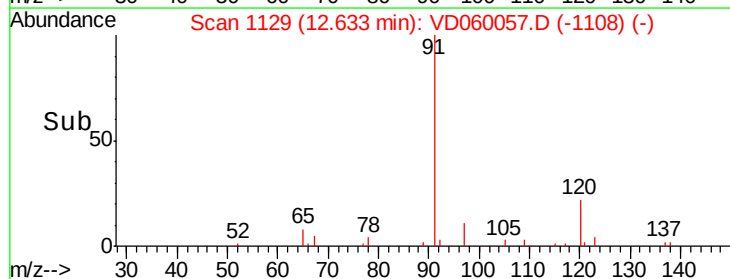
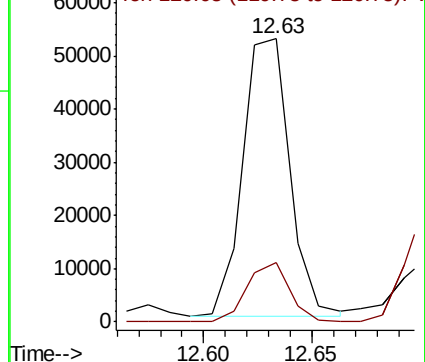
91 100

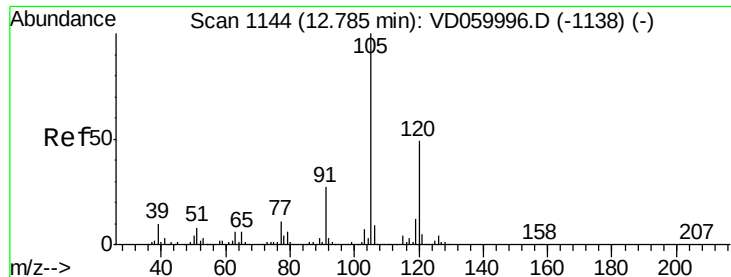
120 20.9 10.7 31.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC





#80

1,3,5-Trimethylbenzene

Concen: 4.52 ug/l

RT: 12.78 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

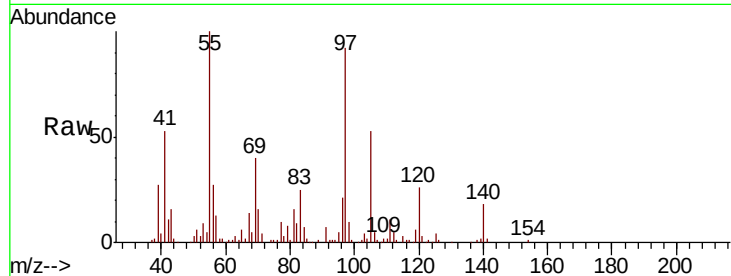
RA-091918-S-EW-059

Tot Ion:105 Resp: 94343

Ion Ratio Lower Upper

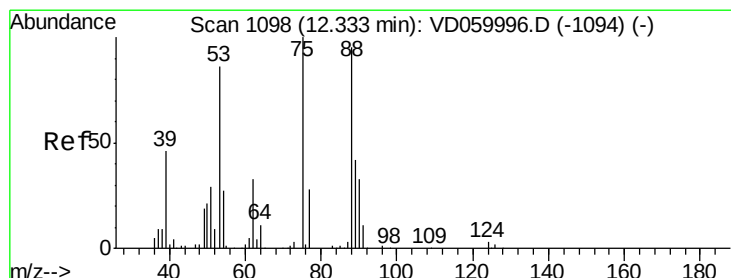
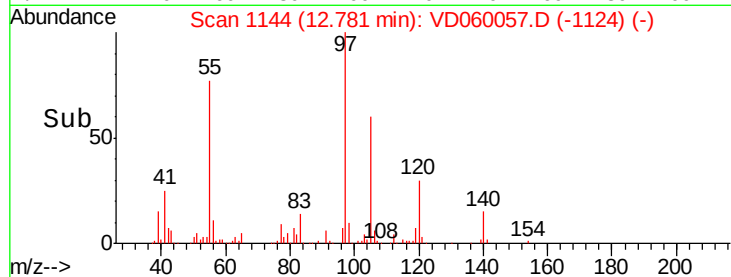
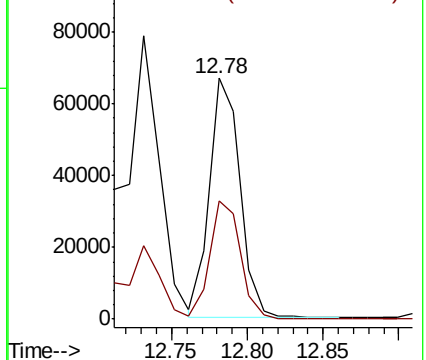
105 100

120 49.0 24.4 73.2



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: 85.62 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.08 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

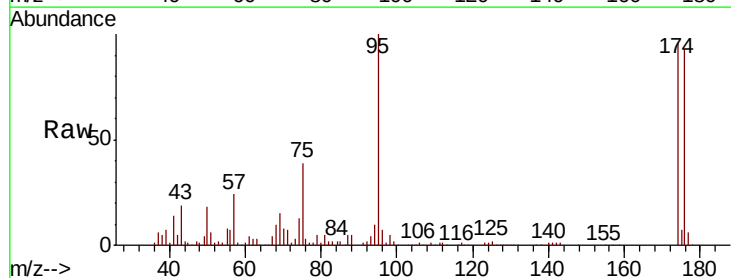
Tgt Ion: 75 Resp: 163812

Ion Ratio Lower Upper

75 100

53 4.5 68.4 102.6#

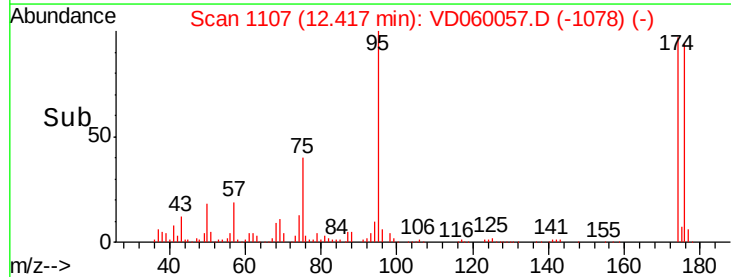
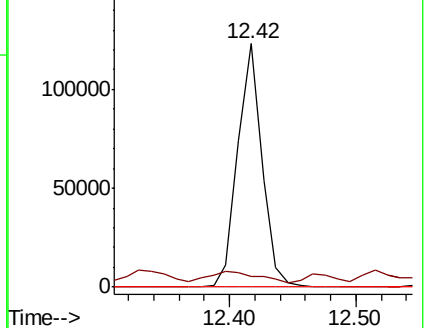
89 0.0 33.8 50.6#

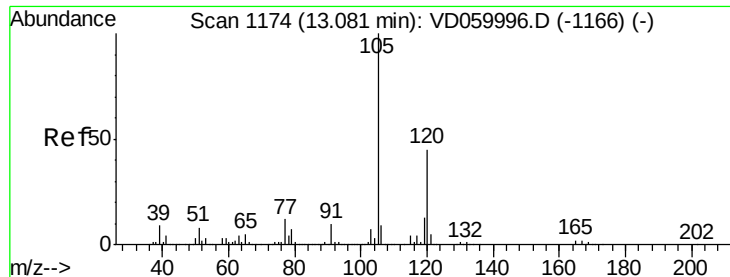


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

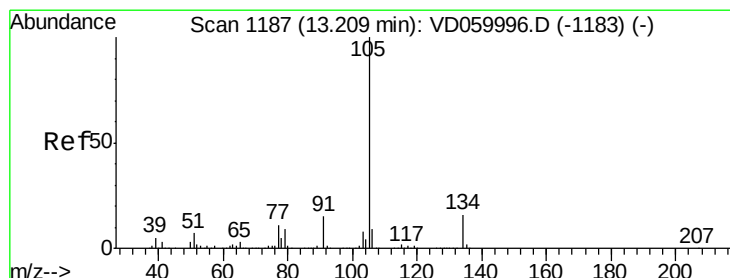
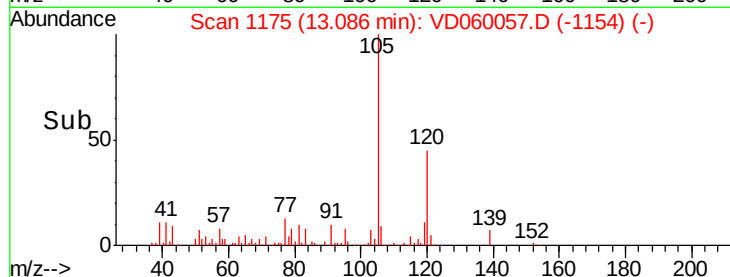
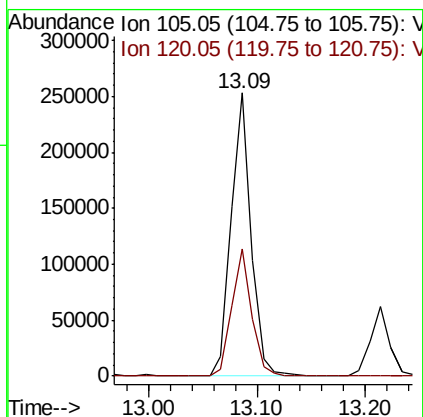
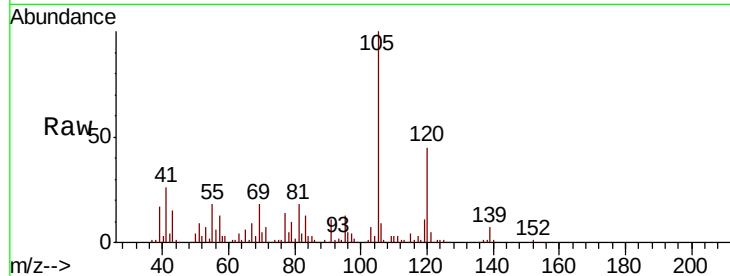




#84
 1,2,4-Trimethylbenzene
 Concen: 14.68 ug/l
 RT: 13.09 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

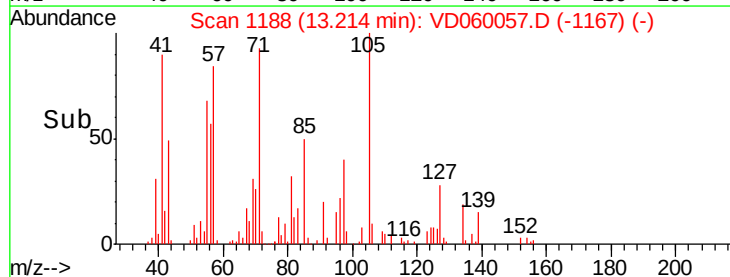
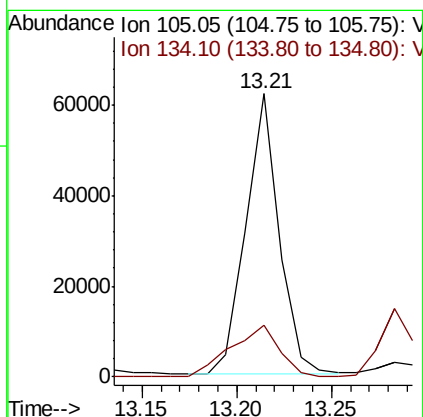
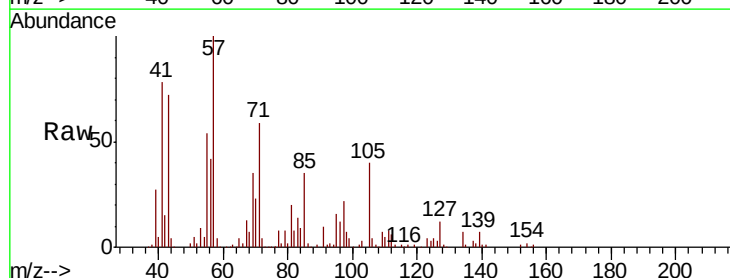
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

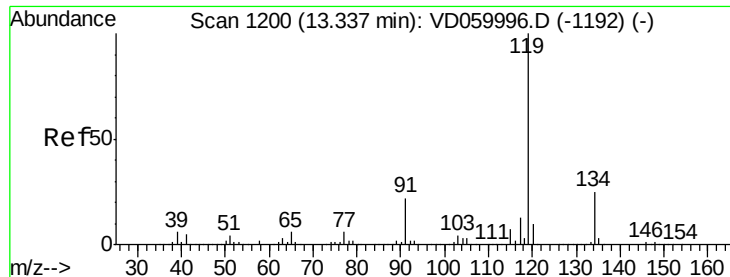
Tot Ion:105 Resp: 326782
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 2.63 ug/l
 RT: 13.21 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Tgt Ion:105 Resp: 75328
 Ion Ratio Lower Upper
 105 100
 134 18.4 8.2 24.6

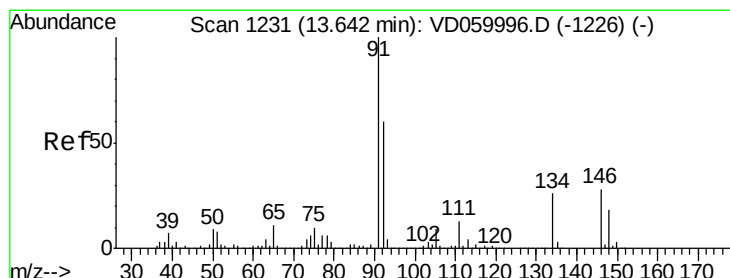
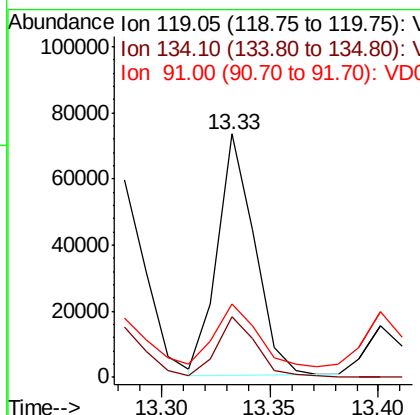
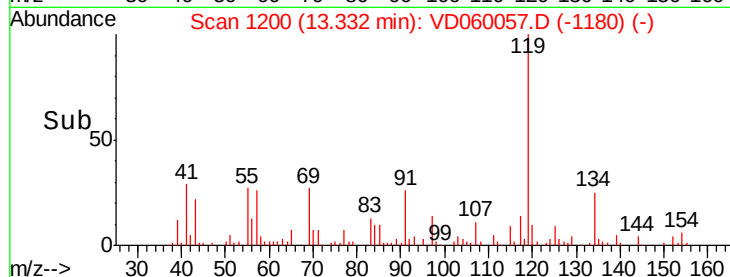
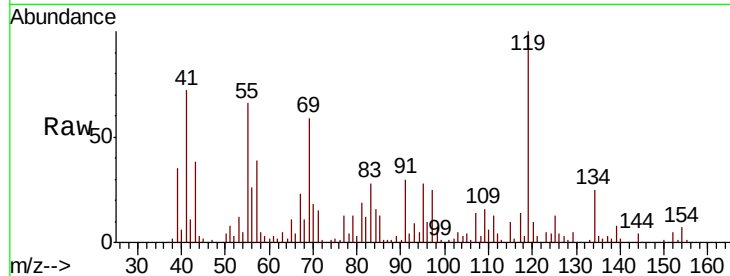




#86
 p-Isopropyltoluene
 Concen: 3.76 ug/l
 RT: 13.33 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

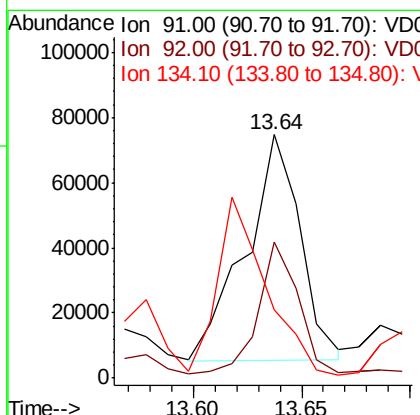
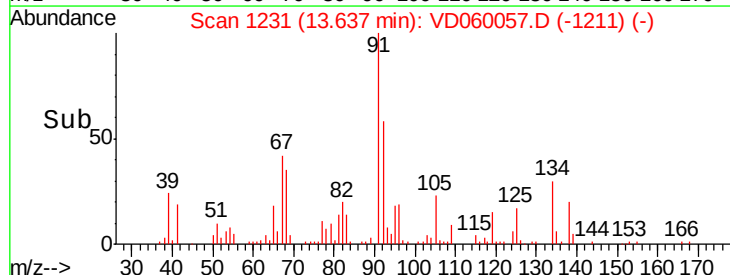
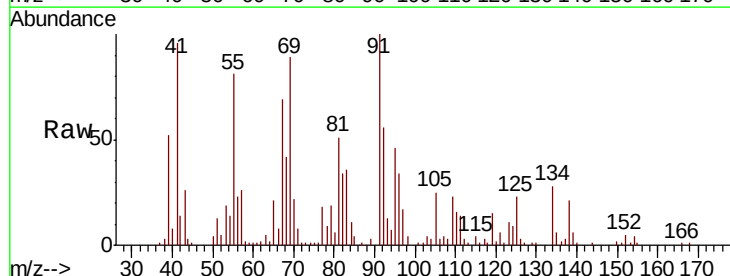
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-EW-059

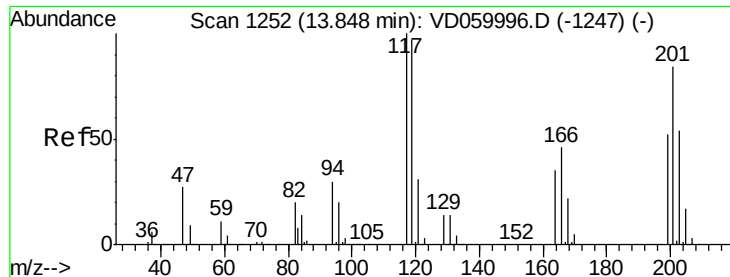
Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.8	38.3
91	30.2	11.1	33.3



#89
 n-Butylbenzene
 Concen: 3.00 ug/l
 RT: 13.64 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VD060057.D
 Acq: 20 Sep 2018 19:33

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.0	29.8	89.3
134	28.2	13.2	39.6





#90

Hexachloroethane

Concen: 3.91 ug/l

RT: 13.84 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

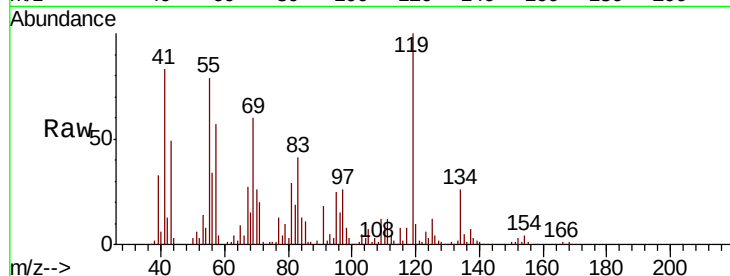
RA-091918-S-EW-059

Tot Ion:117 Resp: 22497

Ion Ratio Lower Upper

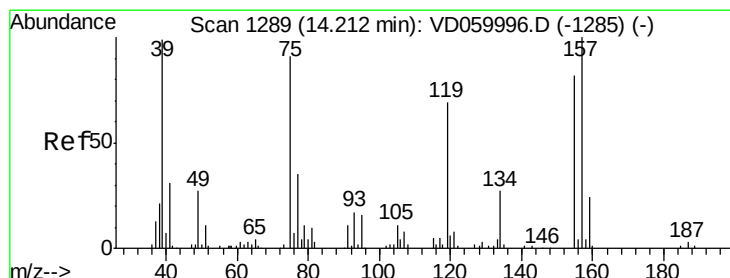
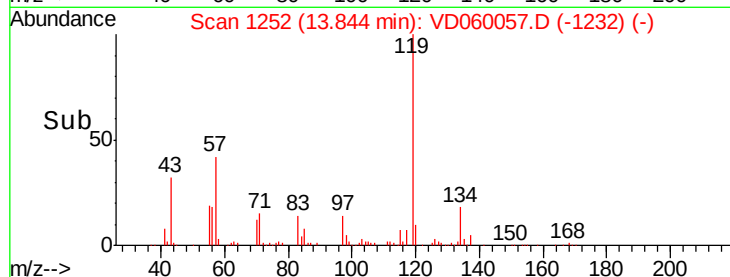
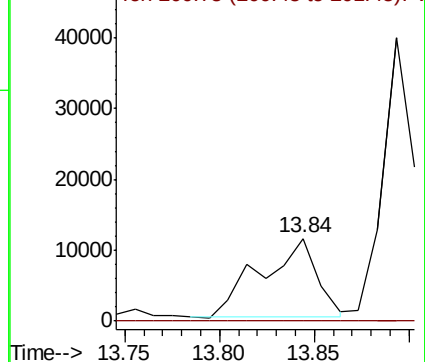
117 100

201 0.0 42.1 126.4#



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: 3.72 ug/l

RT: 14.18 min Scan# 1286

Delta R.T. -0.03 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

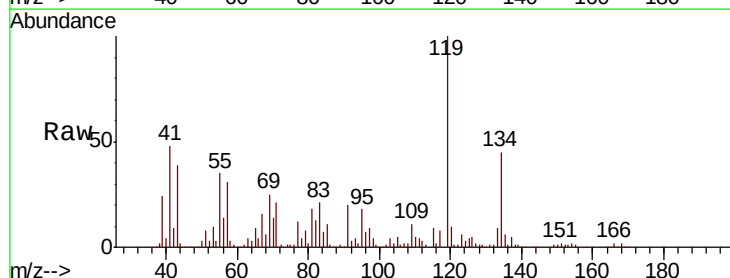
Tgt Ion: 75 Resp: 3506

Ion Ratio Lower Upper

75 100

155 54.5 44.7 134.1

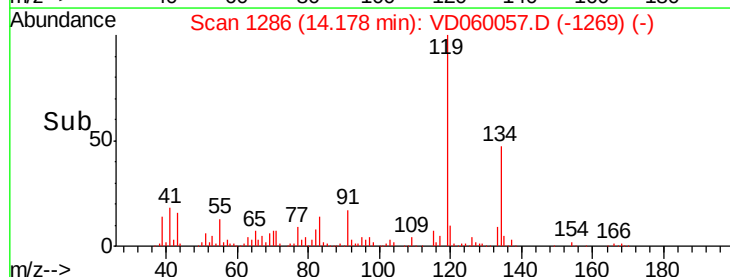
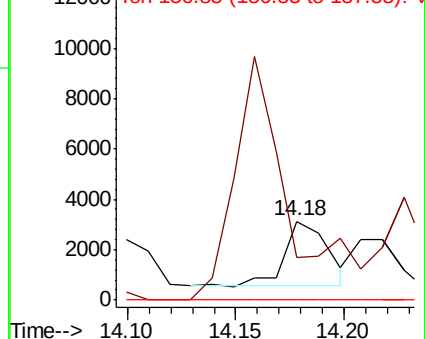
157 0.0 54.7 164.1#

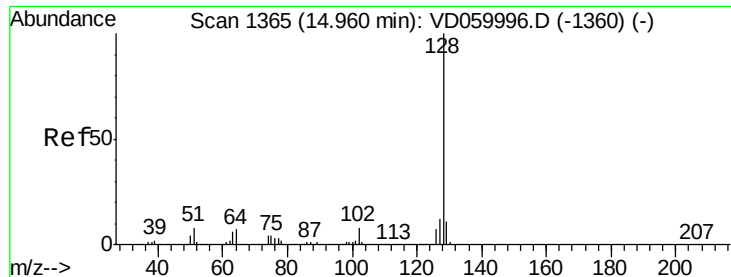


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#95

Naphthalene

Concen: 3.29 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-EW-059

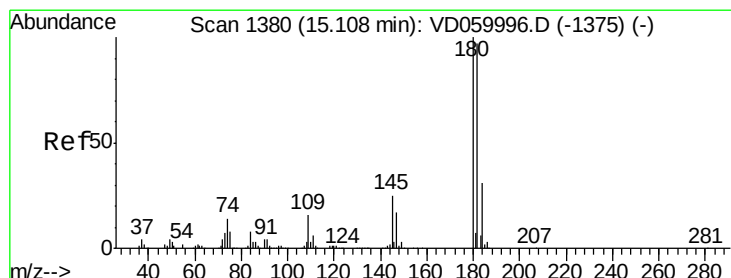
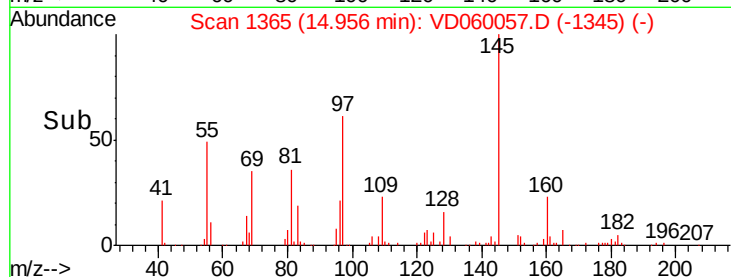
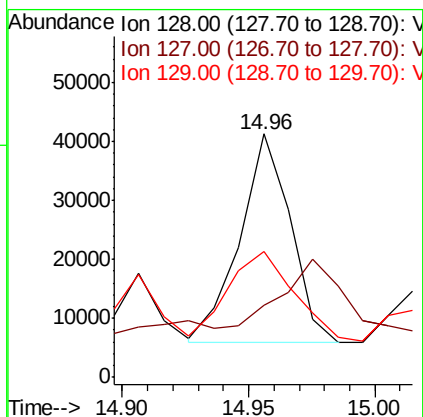
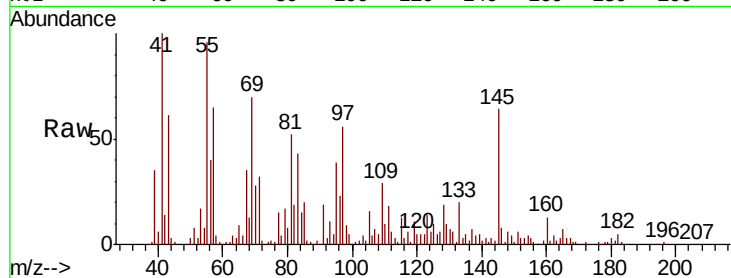
Tot Ion:128 Resp: 49371

Ion Ratio Lower Upper

128 100

127 29.4 9.7 14.5#

129 51.4 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 2.22 ug/l

RT: 15.02 min Scan# 1372

Delta R.T. -0.08 min

Lab File: VD060057.D

Acq: 20 Sep 2018 19:33

Tgt Ion:180 Resp: 19030

Ion Ratio Lower Upper

180 100

182 98.4 48.6 145.9

145 37.7 12.7 38.1

