

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060017.D
 Acq On : 17 Sep 2018 13:16
 Operator : JC/SY
 Sample : J4906-17RE
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 13:52:59 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	6.40	168	1184857	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1673147	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	1218652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	397327	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.77	65	441353	47.77	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	6.31	113	553051	42.31	ug/l	0.01
Spiked Amount	50.000		Recovery	=	84.62%	
50) Toluene-d8	9.45	98	1794341	49.53	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.43	95	816577	59.00	ug/l	0.02
Spiked Amount	50.000		Recovery	=	118.00%	

Target Compounds

					Qvalue	
5) Bromomethane	2.18	94	1197	1.139	ug/l	# 1
11) Tert butyl alcohol	3.93	59	7204	9.662	ug/l	# 74
13) Acrolein	2.97	56	771	1.670	ug/l	# 1
16) Acetone	3.14	43	261542	146.608	ug/l	99
20) Methylene Chloride	3.70	84	146323	5.047	ug/l	98
21) trans-1,2-Dichloroethene	4.08	96	15409	1.204	ug/l	96
25) 2-Butanone	5.60	43	146868	30.509	ug/l	99
29) Tetrahydrofuran	5.94	42	3836	1.486	ug/l	# 49
31) Cyclohexane	6.39	56	39090	1.905	ug/l	# 1
36) 1,1-Dichloropropene	6.39	75	86033	5.176	ug/l	# 46
37) Ethyl Acetate	5.60	43	146873	12.851	ug/l	# 76
38) Carbon Tetrachloride	6.39	117	93609	6.034	ug/l	# 16
39) Methylcyclohexane	8.03	83	931141	49.526	ug/l	97
40) Benzene	6.78	78	52553	1.241	ug/l	99
48) Methyl methacrylate	8.29	41	164030	19.246	ug/l	# 67
51) 4-Methyl-2-Pentanone	9.30	43	49919	Below Cal	#	45
52) Toluene	9.54	92	32532	1.198	ug/l	98
55) 1,1,2-Trichloroethane	10.24	97	166691	17.682	ug/l	# 28
56) Ethyl methacrylate	10.10	69	626525	59.916	ug/l	# 1
59) 2-Hexanone	10.44	43	5338747	Below Cal	#	34
67) Ethyl Benzene	11.43	91	171323	4.063	ug/l	92
68) m/p-Xylenes	11.57	106	79343	5.095	ug/l	# 44
69) o-Xylene	11.94	106	28466	1.845	ug/l	# 16
73) Isopropylbenzene	12.28	105	5423426	208.125	ug/l	99
74) N-amyl acetate	12.10	43	1986803	192.482	ug/l	# 48
75) 1,1,2,2-Tetrachloroethane	12.54	83	107807	18.237	ug/l	# 71
76) 1,2,3-Trichloropropane	12.64	75	49041	8.082	ug/l	# 1
78) n-propylbenzene	12.64	91	8969333	273.713	ug/l	96
79) 2-Chlorotoluene	12.64	91	8969333	484.945	ug/l	# 40
80) 1,3,5-Trimethylbenzene	12.80	105	49022	2.454	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.33	75	7711	4.210	ug/l	# 1
82) 4-Chlorotoluene	12.64	91	8648870	425.329	ug/l	# 44
83) tert-Butylbenzene	13.04	119	853656	36.893	ug/l	88
84) 1,2,4-Trimethylbenzene	13.09	105	155636	7.302	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060017.D
 Acq On : 17 Sep 2018 13:16
 Operator : JC/SY
 Sample : J4906-17RE
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 17 13:52:59 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

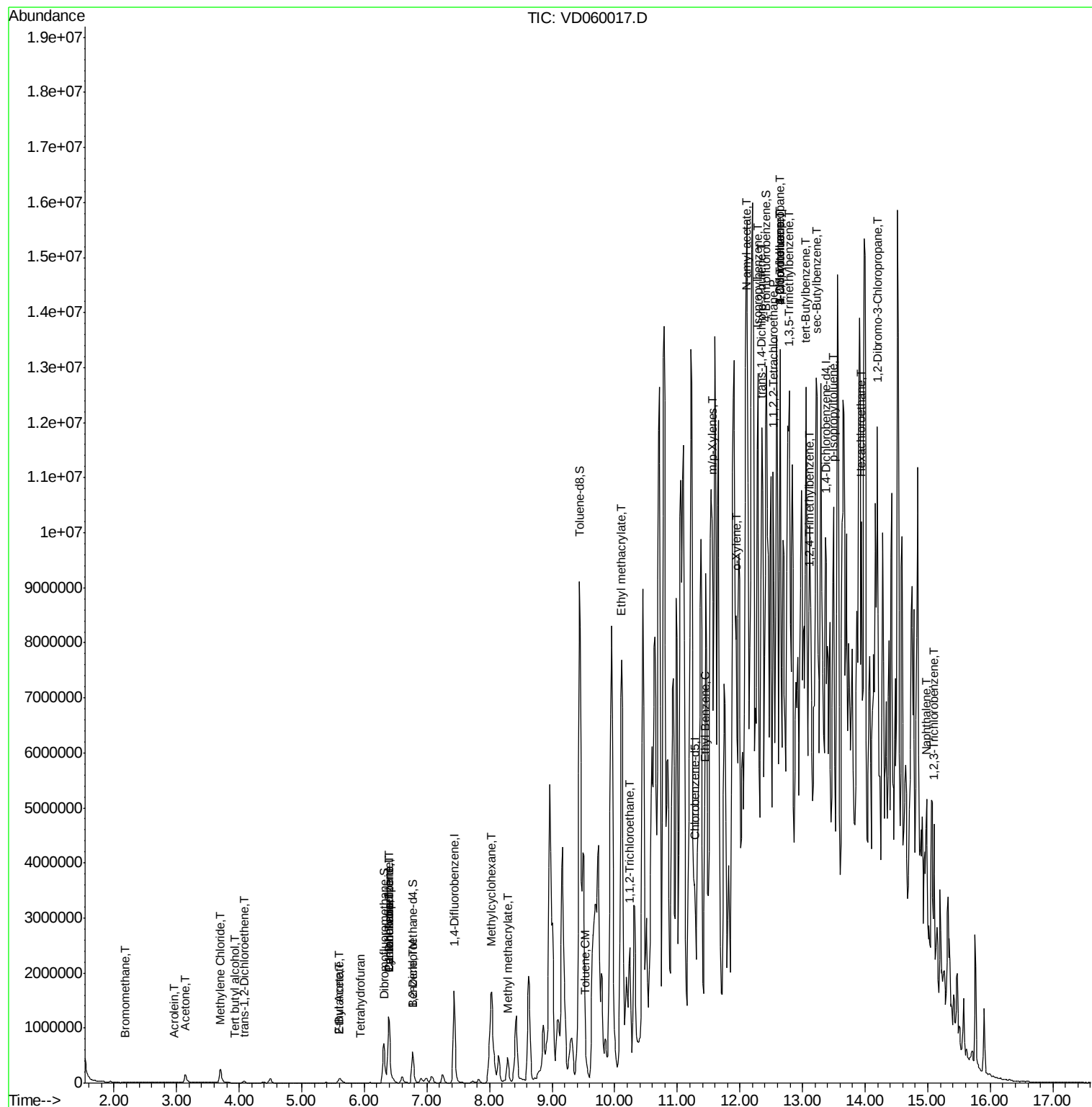
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	13.23	105	3666403	133.484	uq/l	97
86) p-Isopropyltoluene	13.48	119	1616212	72.753	uq/l	92
89) n-Butylbenzene	13.65	91	3510957	Below Cal		98
90) Hexachloroethane	13.95	117	3758680	683.108	uq/l #	7
91) 1,2-Dichlorobenzene	13.66	146	1602	Below Cal	#	1
92) 1,2-Dibromo-3-Chloropropan	14.19	75	39437	43.760	uq/l #	3
95) Naphthalene	14.97	128	383127	26.670	uq/l #	85
96) 1,2,3-Trichlorobenzene	15.09	180	9446	1.152	uq/l #	1

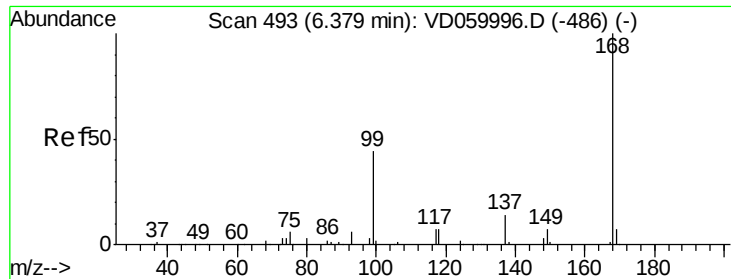
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
Data File : VD060017.D
Acq On : 17 Sep 2018 13:16
Operator : JC/SY
Sample : J4906-17RE
Misc : 4.96g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Sep 17 13:52:59 2018
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





#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.40 min Scan# 495
 Delta R.T. 0.02 min
 Lab File: VD060017.D
 Acq: 17 Sep 2018 13:16

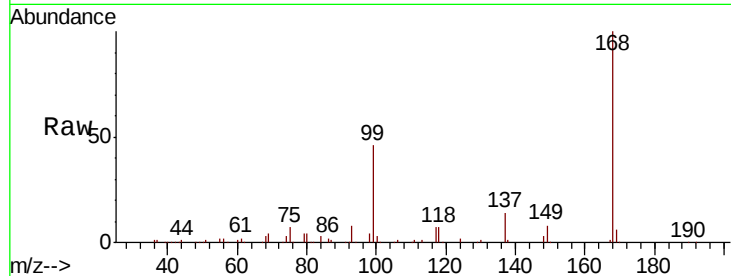
Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:168 Resp: 1184857

Ion Ratio Lower Upper

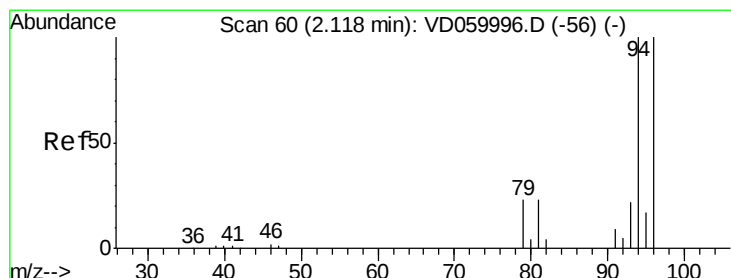
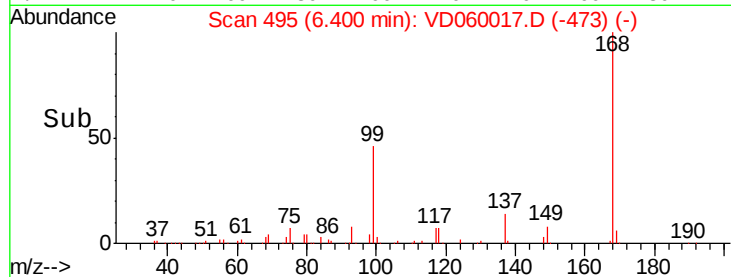
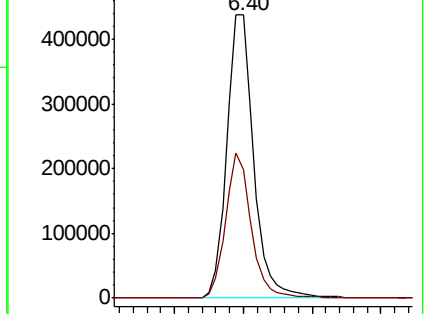
168 100

99 45.6 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

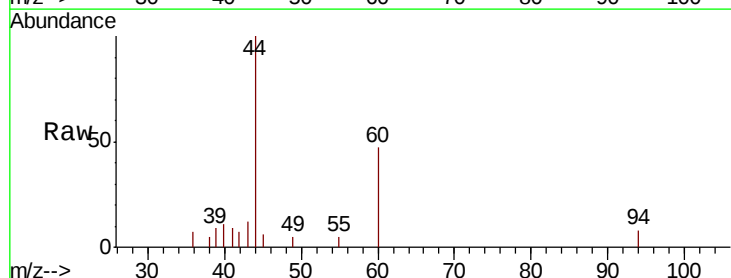
Bromomethane
 Concen: 1.139 ug/l
 RT: 2.18 min Scan# 66
 Delta R.T. 0.06 min
 Lab File: VD060017.D
 Acq: 17 Sep 2018 13:16

Tgt Ion: 94 Resp: 1197

Ion Ratio Lower Upper

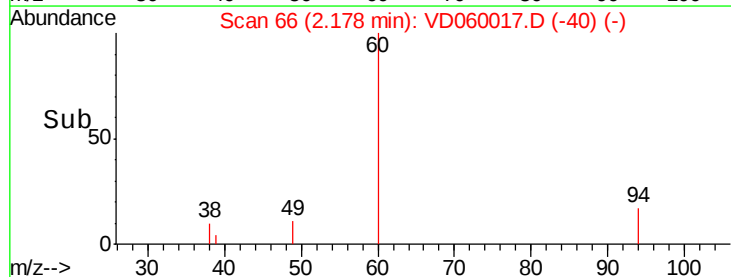
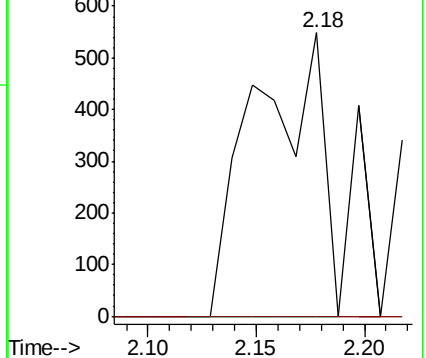
94 100

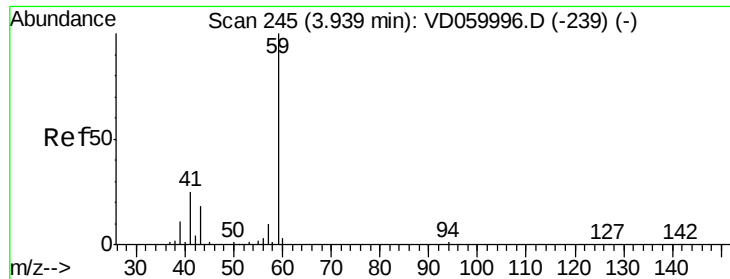
96 0.0 79.8 119.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

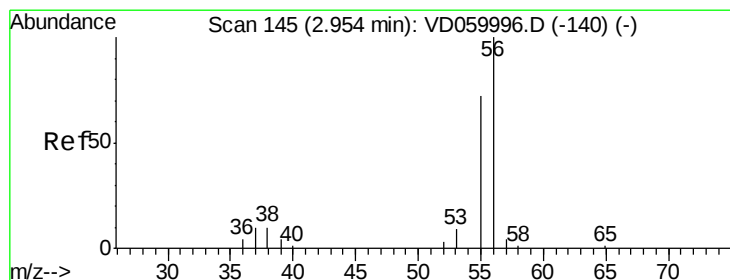
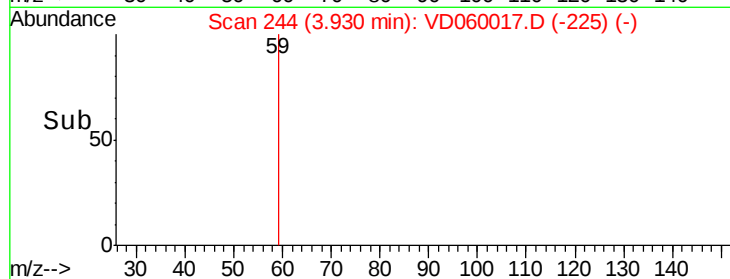
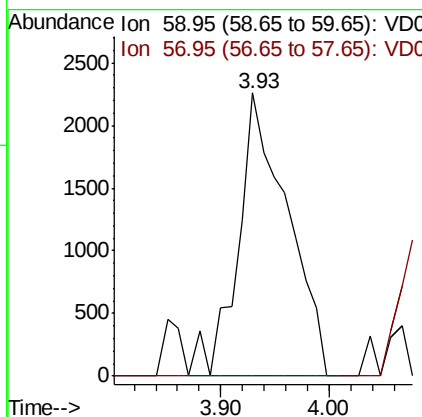
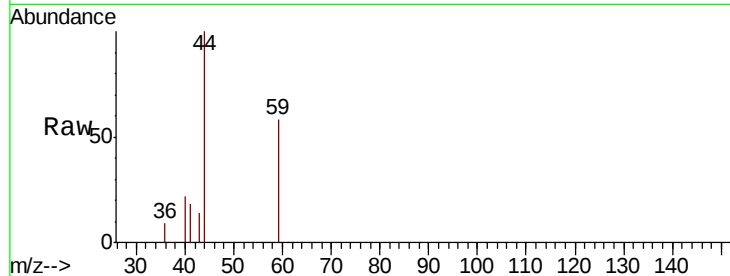




#11
Tert butyl alcohol
Concen: 9.662 ug/l
RT: 3.93 min Scan# 244
Delta R.T. -0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

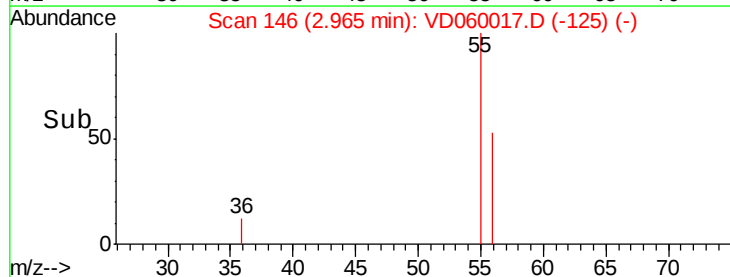
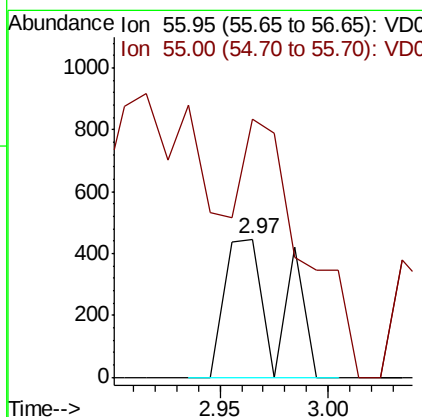
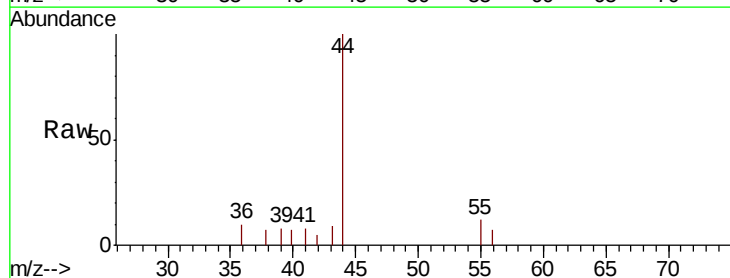
Instrument :
MSVOA_D
ClientSampleId :

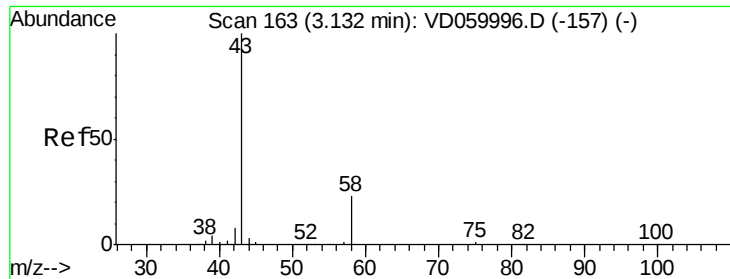
Tot Ion: 59 Resp: 7204
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 1.670 ug/l
RT: 2.97 min Scan# 146
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 56 Resp: 771
Ion Ratio Lower Upper
56 100
55 187.2 58.3 87.5#





#16

Acetone

Concen: 146.608 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

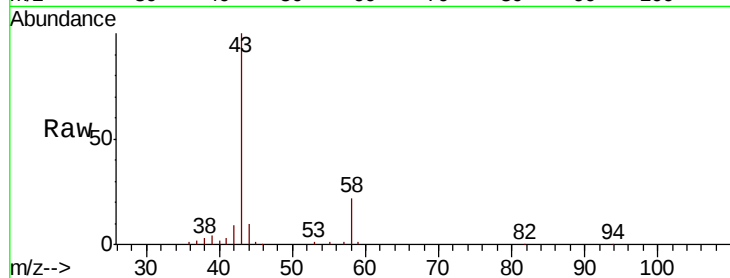
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 261542

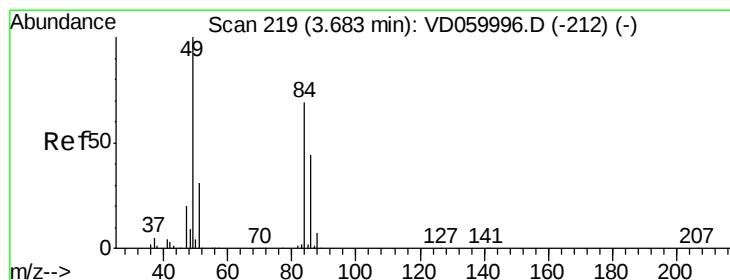
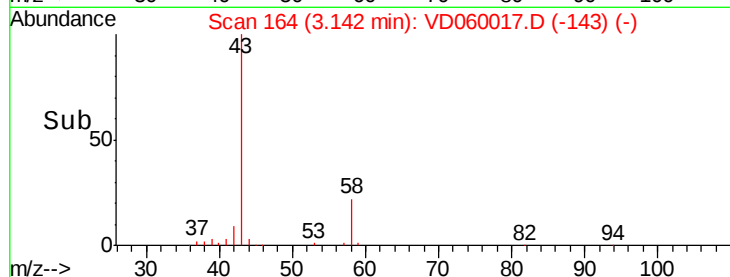
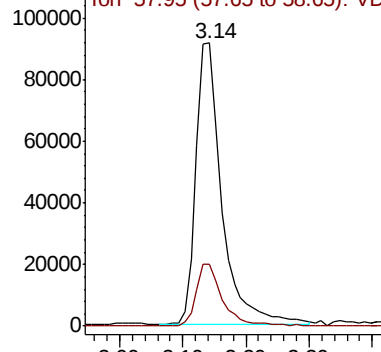
Ion Ratio Lower Upper

43 100

58 22.0 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 5.047 ug/l

RT: 3.70 min Scan# 221

Delta R.T. 0.02 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Tgt Ion: 84 Resp: 146323

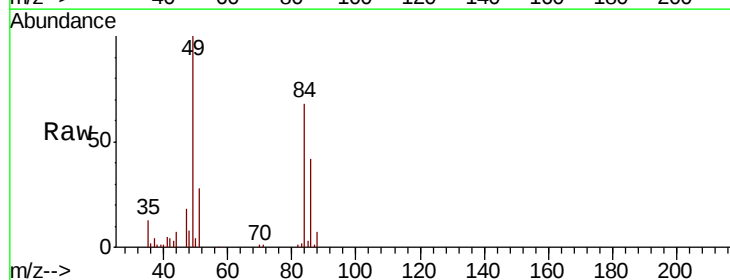
Ion Ratio Lower Upper

84 100

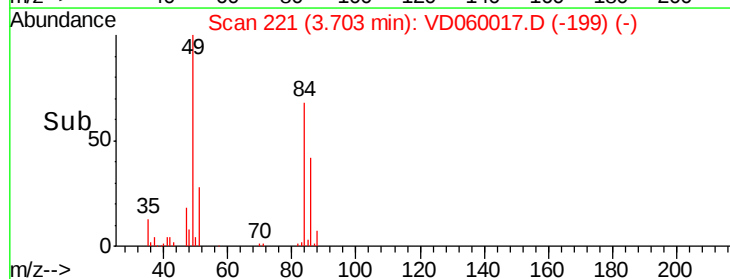
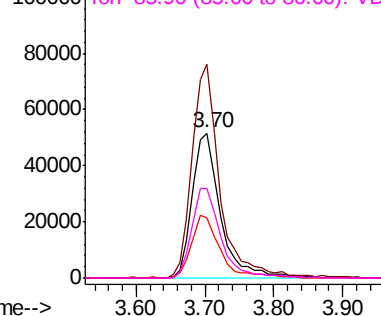
49 147.2 116.6 175.0

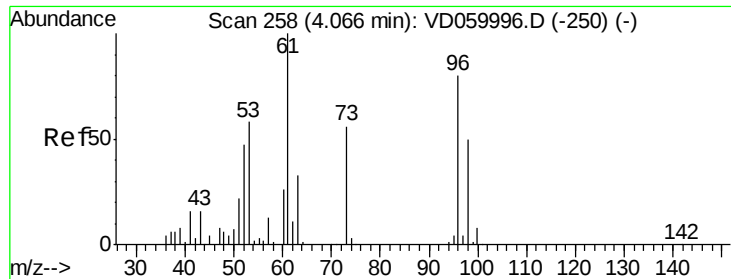
51 41.8 35.9 53.9

86 61.9 51.8 77.6



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





#21

trans-1,2-Dichloroethene

Concen: 1.204 ug/l

RT: 4.08 min Scan# 259

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

ClientSampleId :

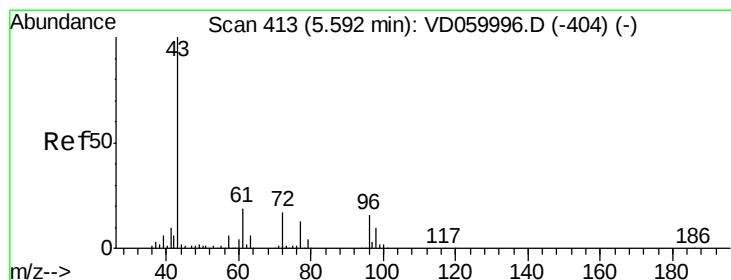
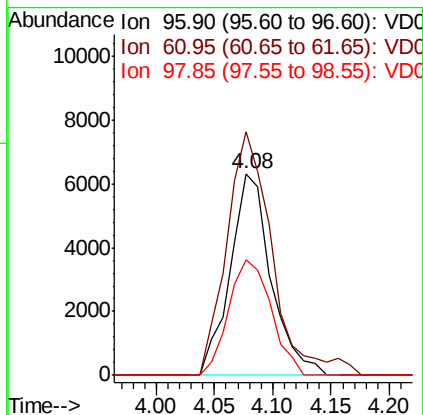
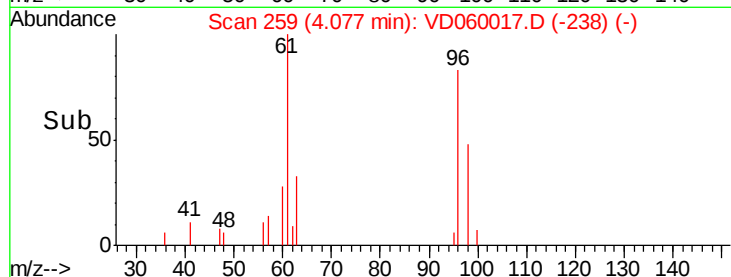
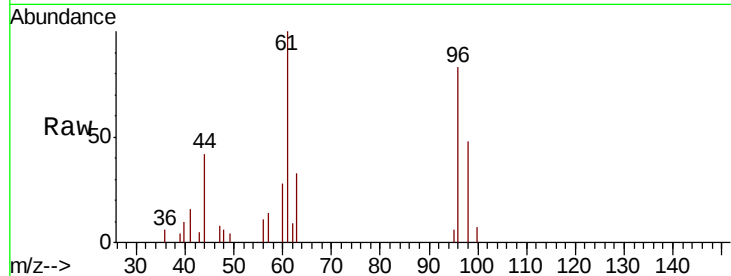
Tot Ion: 96 Resp: 15409

Ion Ratio Lower Upper

96 100

61 120.9 100.1 150.1

98 57.6 49.5 74.3



#25

2-Butanone

Concen: 30.509 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.01 min

Lab File: VD060017.D

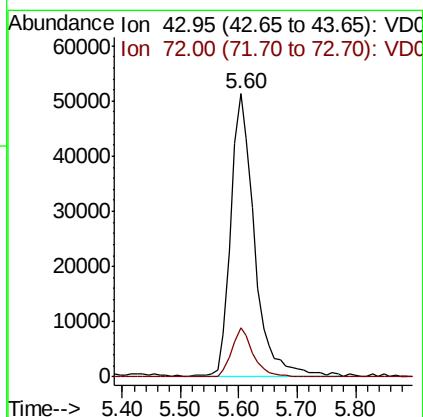
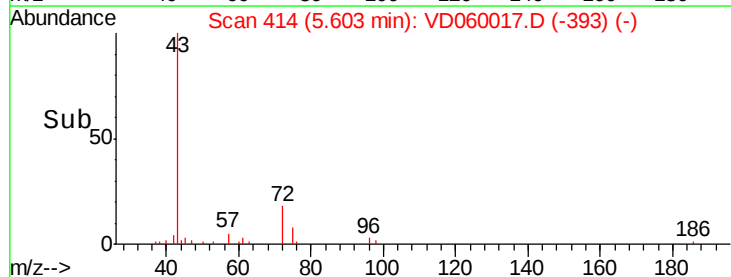
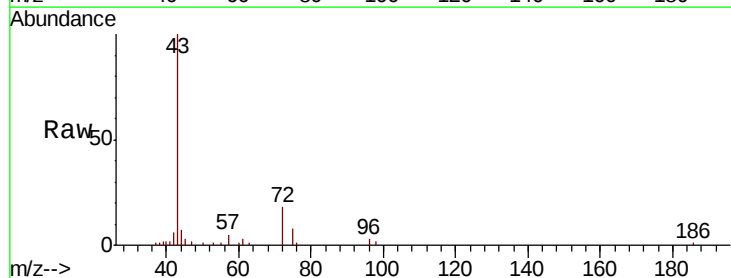
Acq: 17 Sep 2018 13:16

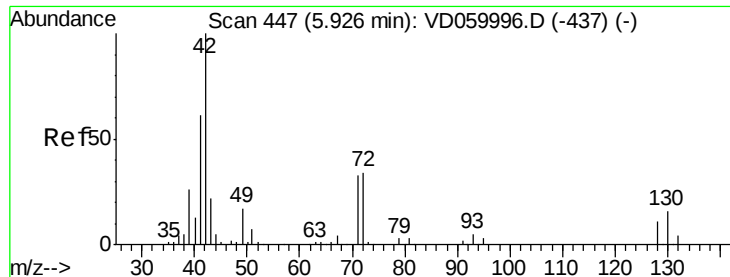
Tgt Ion: 43 Resp: 146868

Ion Ratio Lower Upper

43 100

72 17.5 13.6 20.4

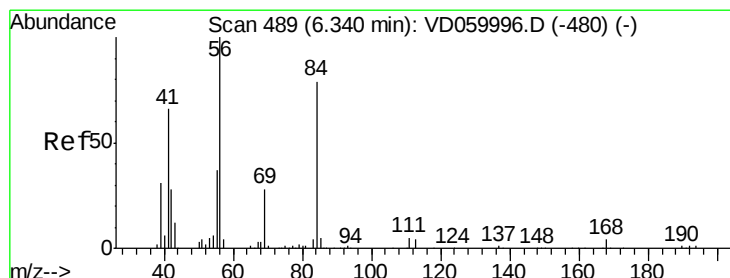
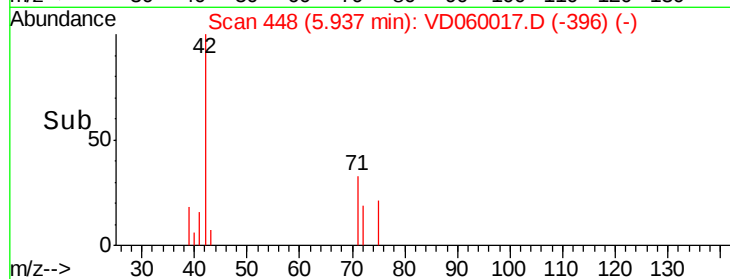
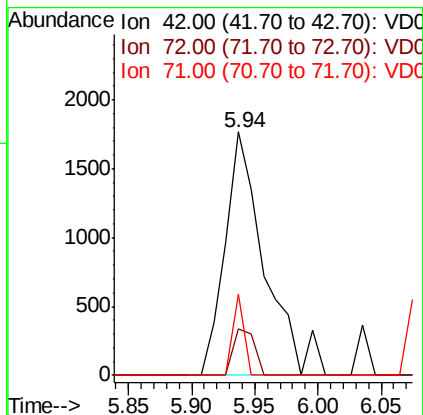
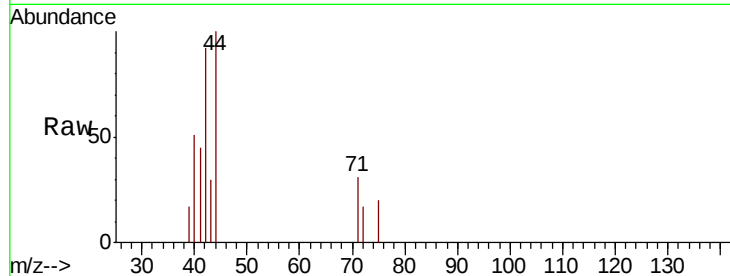




#29
Tetrahydrofuran
Concen: 1.486 ug/l
RT: 5.94 min Scan# 448
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

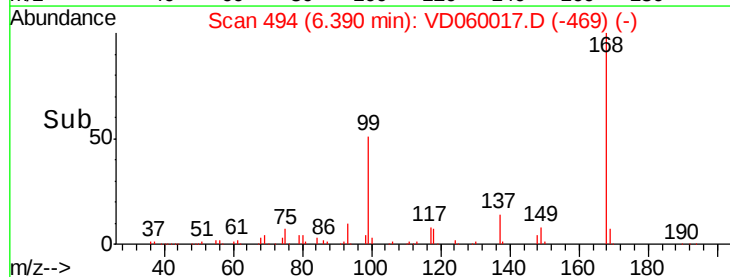
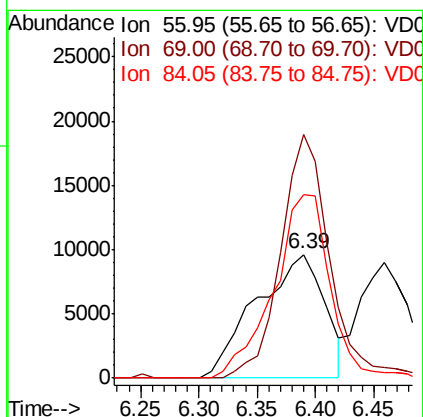
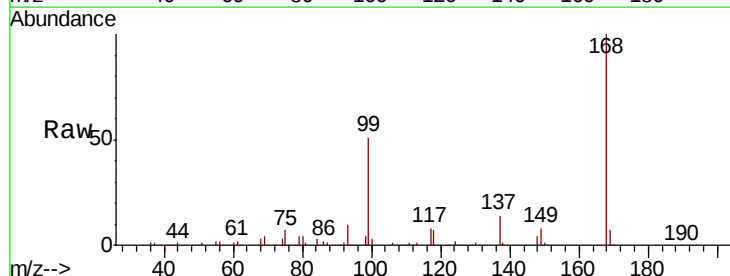
Instrument :
MSVOA_D
ClientSampleId :

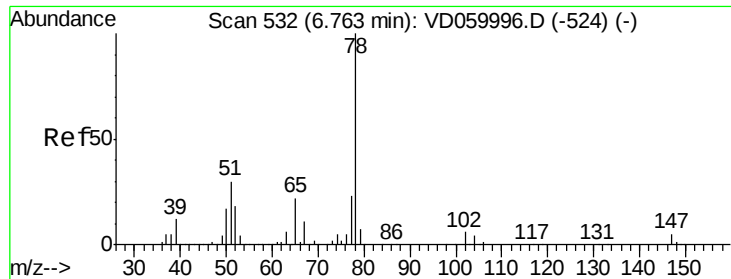
Tot Ion: 42 Resp: 3836
Ion Ratio Lower Upper
42 100
72 0.0 26.9 40.3#
71 9.0 26.2 39.4#



#31
Cyclohexane
Concen: 1.905 ug/l
RT: 6.39 min Scan# 494
Delta R.T. 0.05 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 56 Resp: 39090
Ion Ratio Lower Upper
56 100
69 197.4 22.7 34.1#
84 148.7 64.0 96.0#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

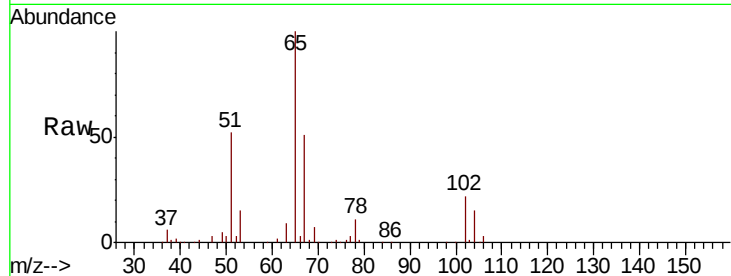
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 65 Resp: 441353

Ion Ratio Lower Upper

65 100

67 50.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

200000

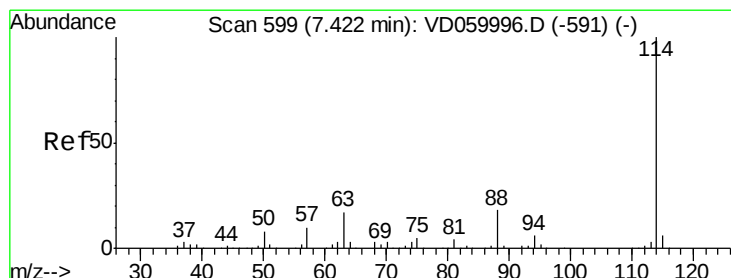
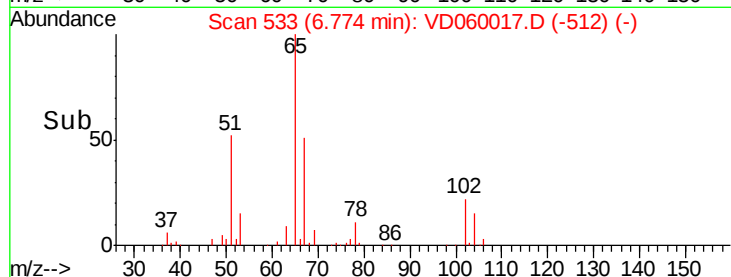
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90 7.00



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

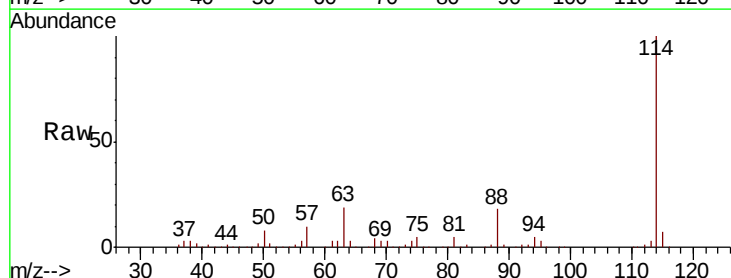
Tgt Ion:114 Resp: 1673147

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.4

88 18.3 0.0 35.8



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

7.43

1000000

800000

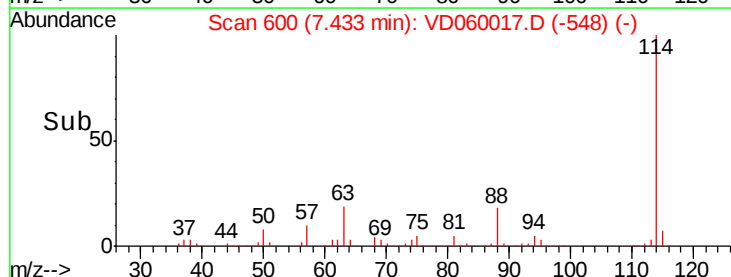
600000

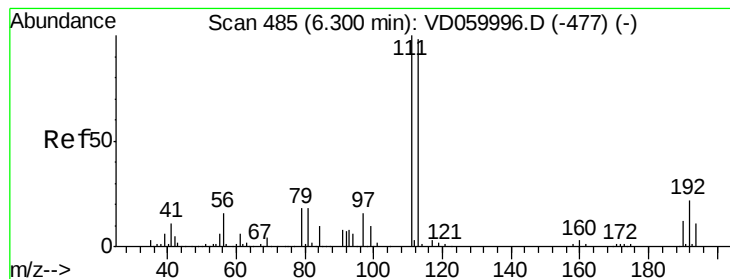
400000

200000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

ClientSampled :

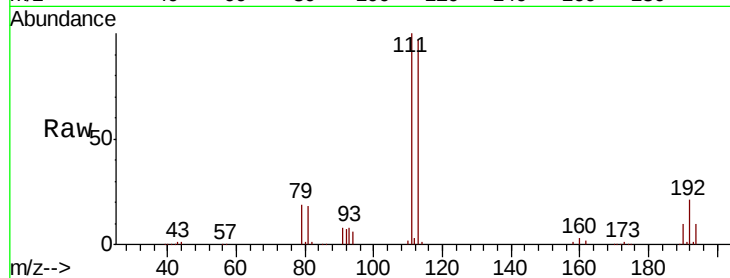
Tot Ion:113 Resp: 553051

Ion Ratio Lower Upper

113 100

111 102.9 81.3 121.9

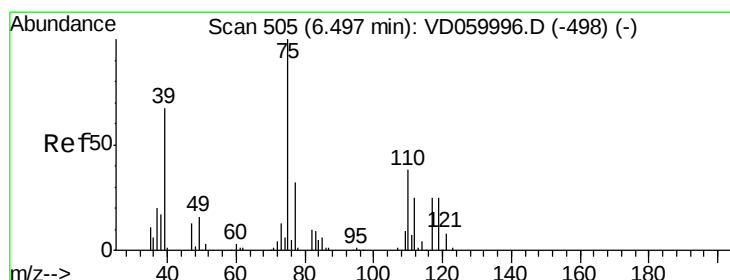
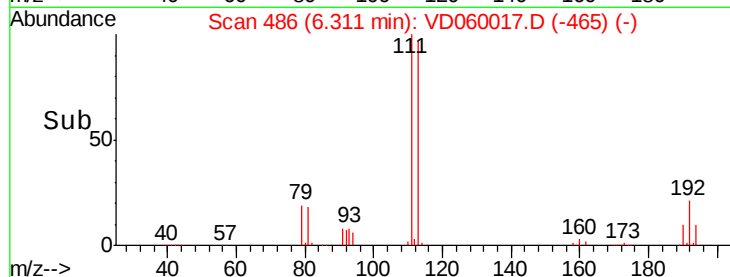
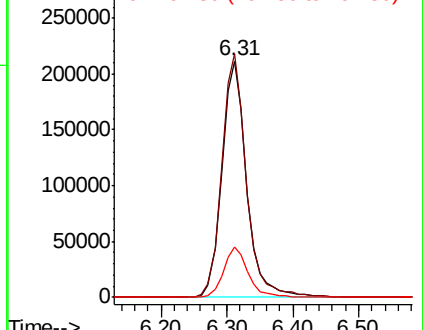
192 21.4 18.1 27.1



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: 5.176 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.11 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

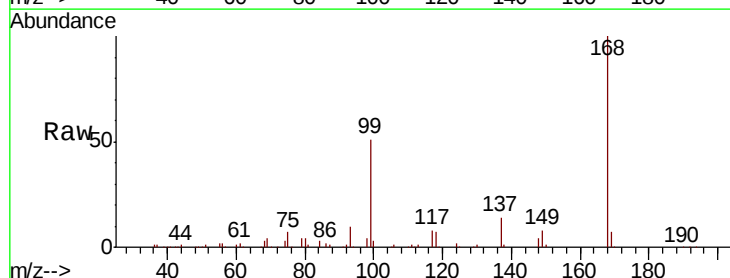
Tgt Ion: 75 Resp: 86033

Ion Ratio Lower Upper

75 100

110 6.6 18.9 56.9#

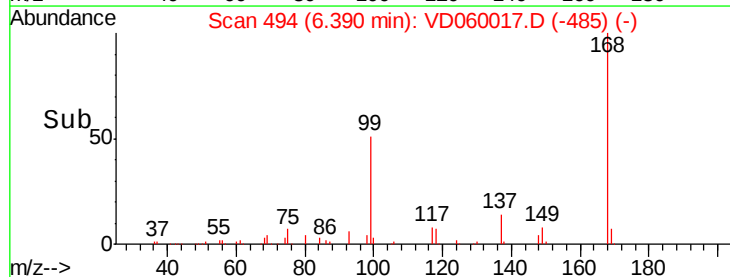
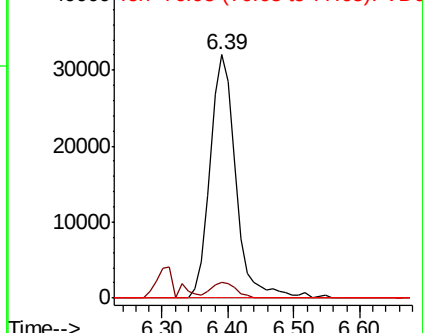
77 0.0 25.3 37.9#

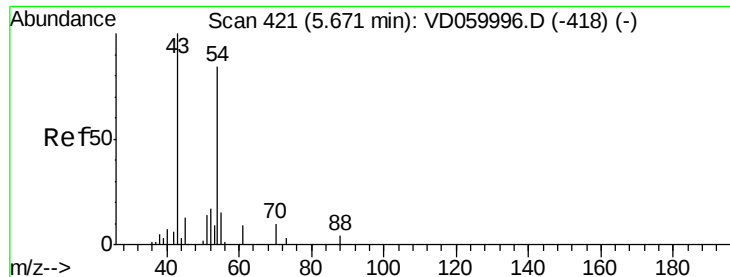


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 12.851 ug/l

RT: 5.60 min Scan# 414

Delta R.T. -0.07 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

ClientSampleId :

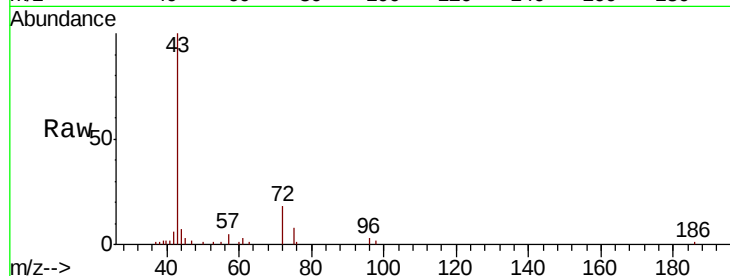
Tot Ion: 43 Resp: 146873

Ion Ratio Lower Upper

43 100

61 2.8 10.2 15.2#

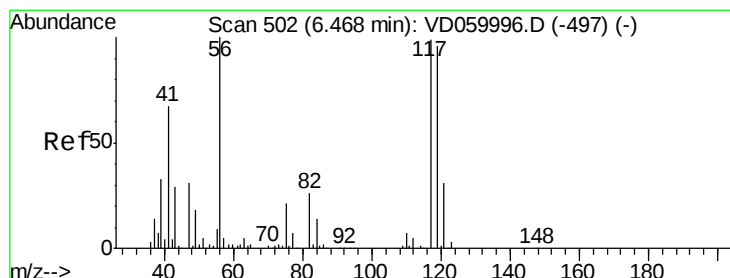
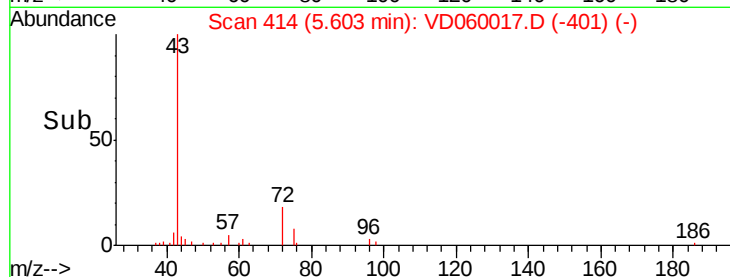
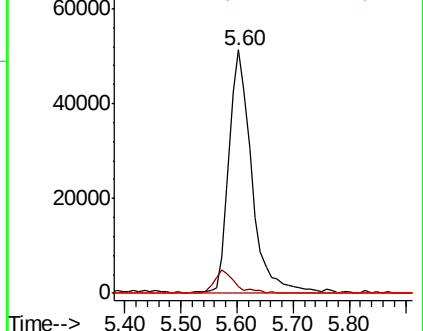
70 0.0 6.1 9.1#



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: 6.034 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.08 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

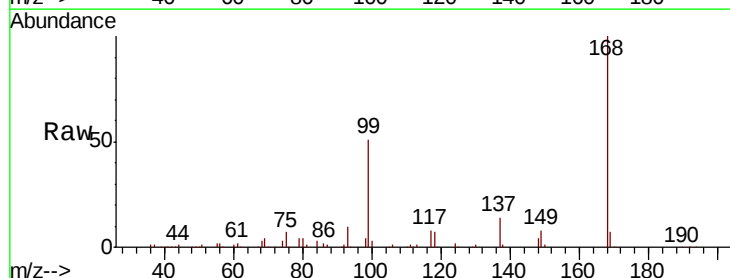
Tgt Ion: 117 Resp: 93609

Ion Ratio Lower Upper

117 100

119 4.8 76.7 115.1#

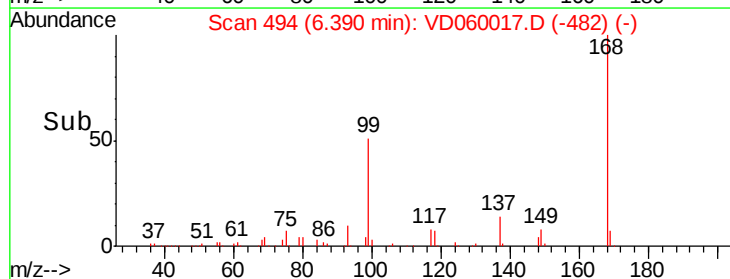
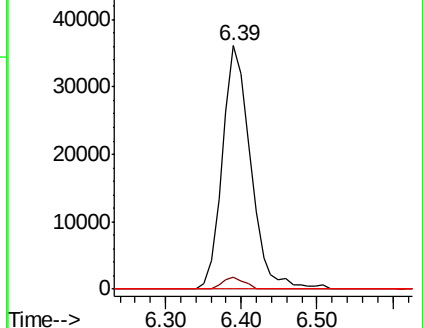
121 0.0 24.9 37.3#

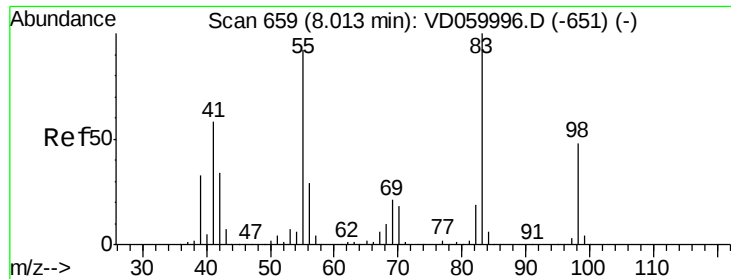


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

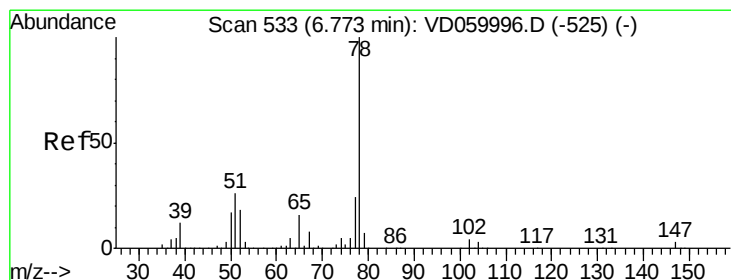
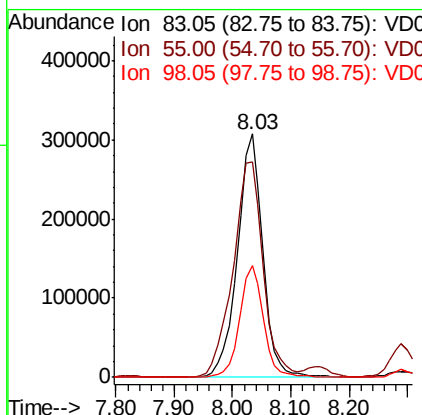
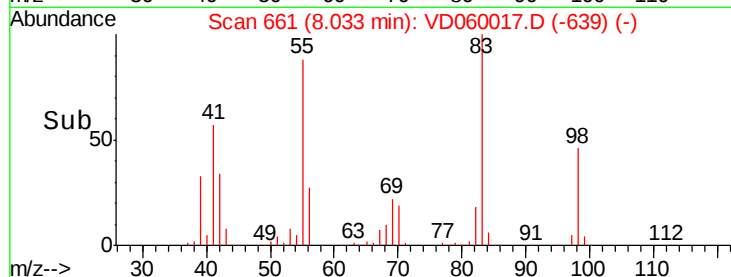
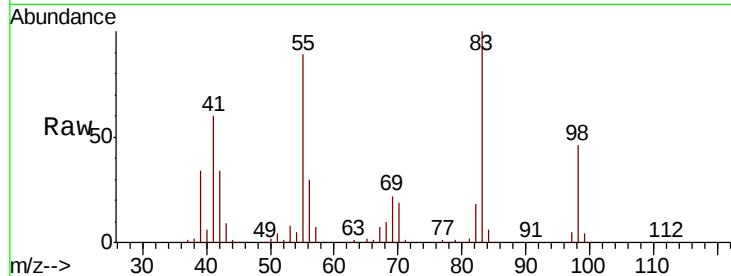




#39
Methvlcvclohexane
Concen: 49.526 ug/l
RT: 8.03 min Scan# 661
Delta R.T. 0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

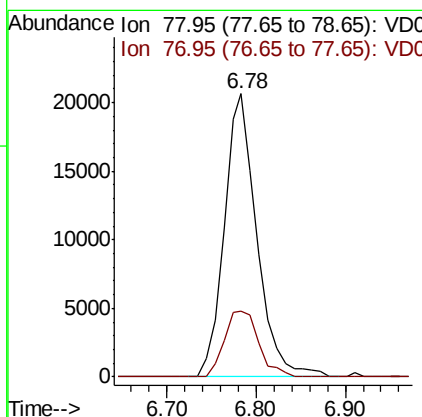
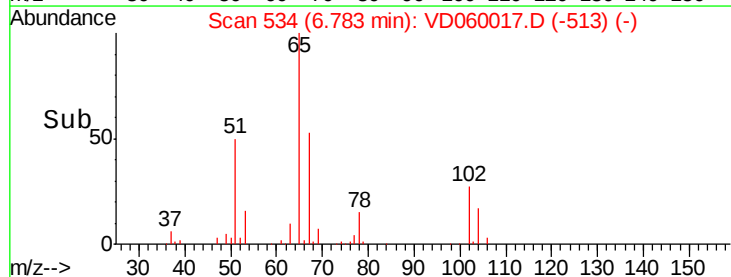
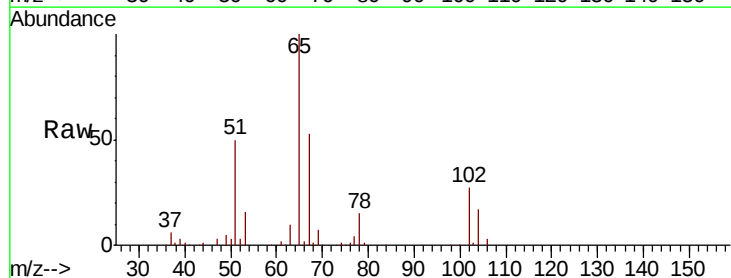
Instrument :
MSVOA_D
ClientSampleId :

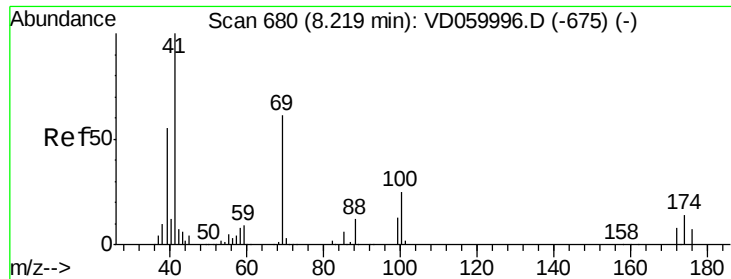
Tot Ion: 83 Resp: 931141
Ion Ratio Lower Upper
83 100
55 88.5 73.8 110.6
98 46.1 38.1 57.1



#40
Benzene
Concen: 1.241 ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 78 Resp: 52553
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#48

Methyl methacrylate

Concen: 19.246 ug/l

RT: 8.29 min Scan# 687

Delta R.T. 0.07 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :
MSVOA_D
ClientSampled :

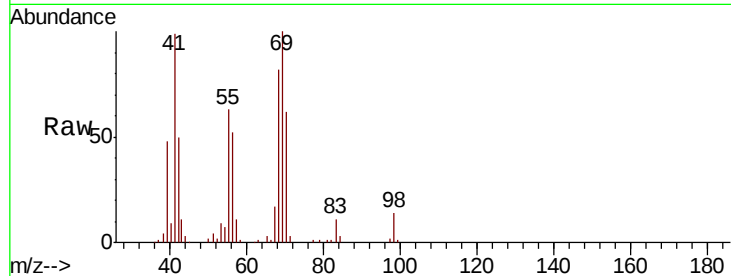
Tot Ion: 41 Resp: 164030

Ion Ratio Lower Upper

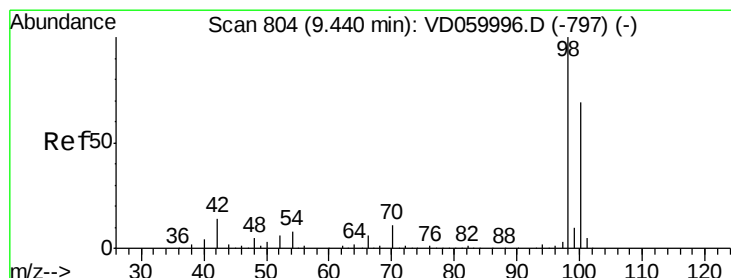
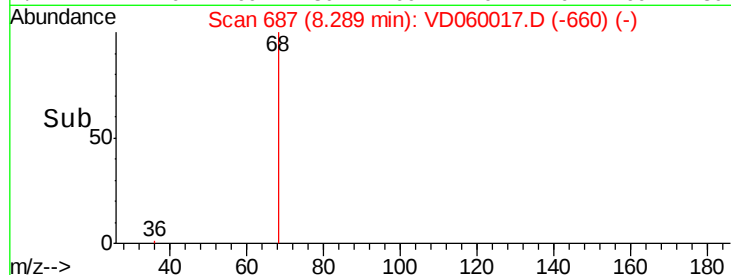
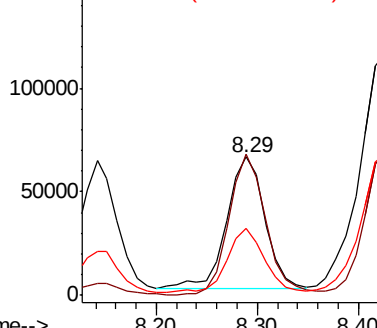
41 100

69 101.5 48.3 72.5#

39 48.5 44.1 66.1



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060017.D

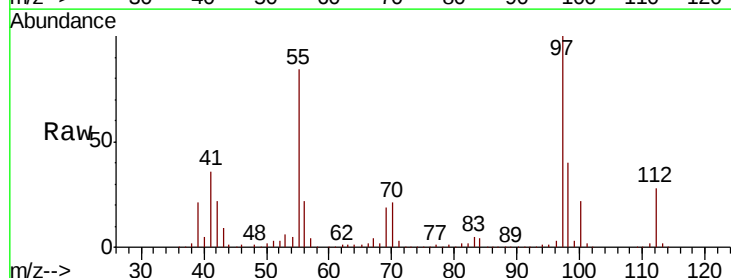
Acq: 17 Sep 2018 13:16

Tgt Ion: 98 Resp: 1794341

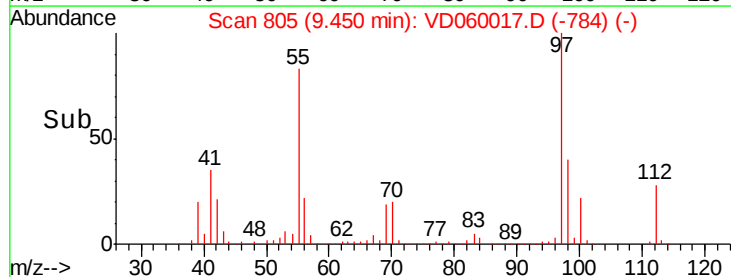
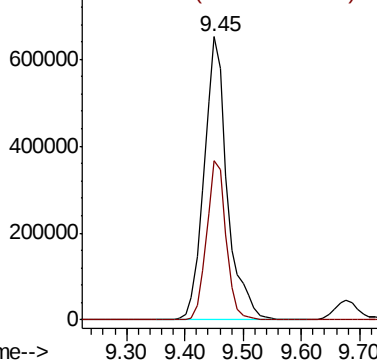
Ion Ratio Lower Upper

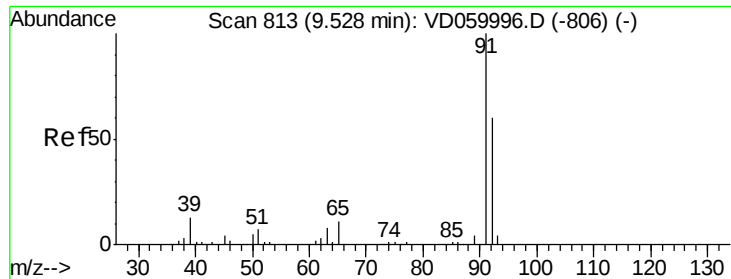
98 100

100 56.3 55.8 83.6



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





#52

Toluene

Concen: 1.198 ug/l

RT: 9.54 min Scan# 814

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

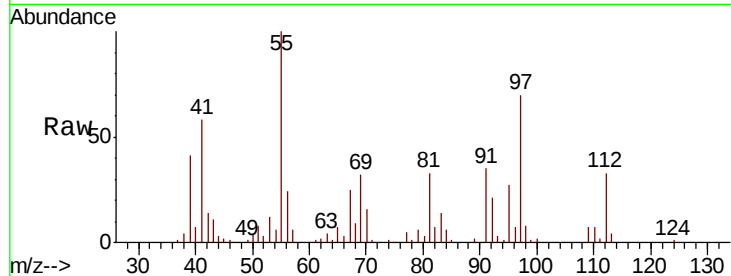
Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 92 Resp: 32532

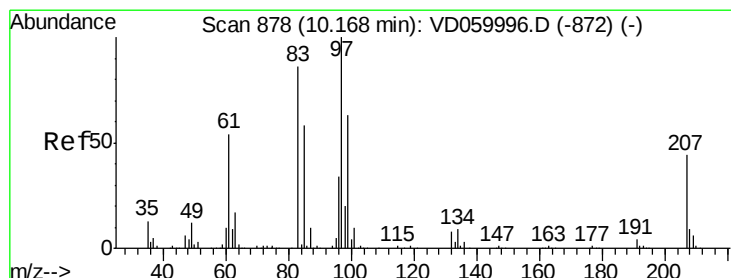
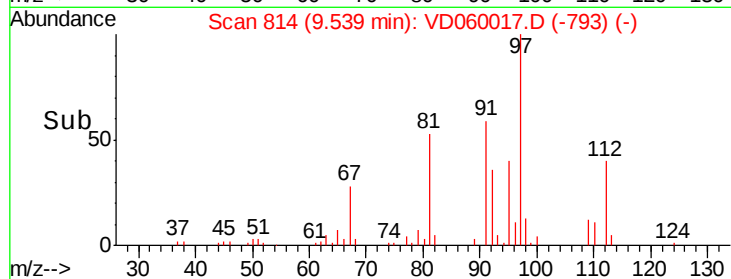
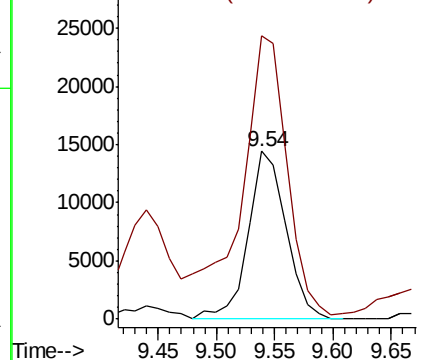
Ion Ratio Lower Upper

92 100

91 168.4 132.3 198.5



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



#55

1,1,2-Trichloroethane

Concen: 17.682 ug/l

RT: 10.24 min Scan# 885

Delta R.T. 0.07 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Tgt Ion: 97 Resp: 166691

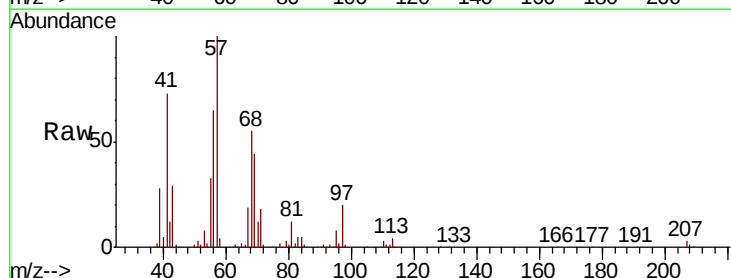
Ion Ratio Lower Upper

97 100

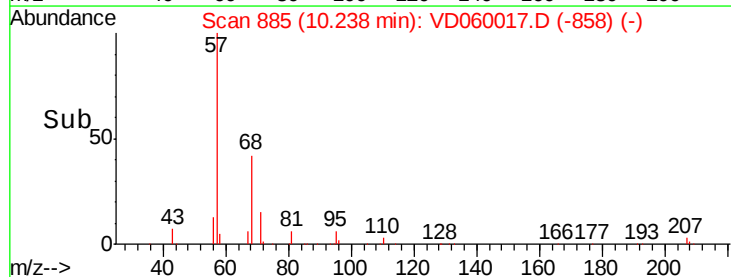
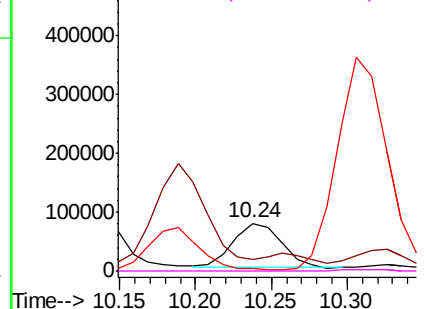
83 24.7 69.1 103.7#

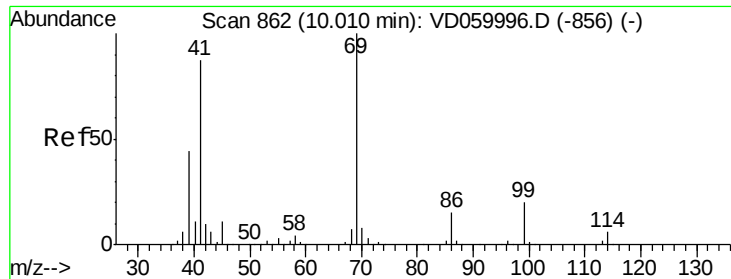
85 5.1 46.2 69.4#

99 0.0 50.6 75.8#



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

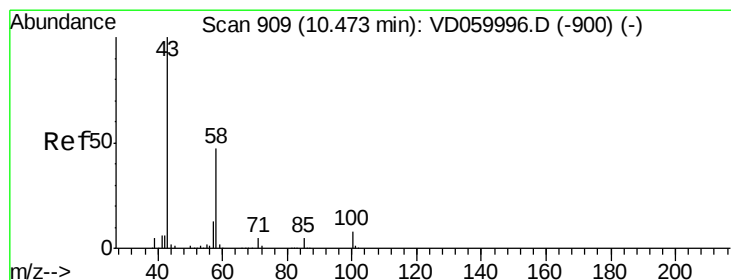
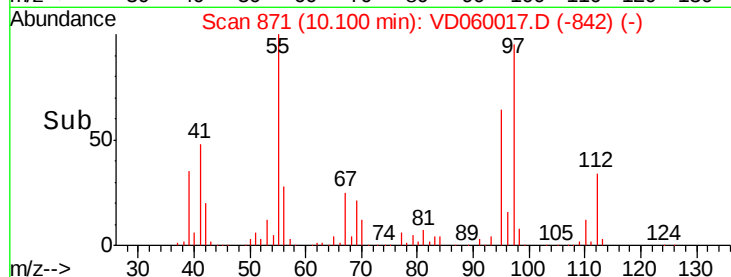
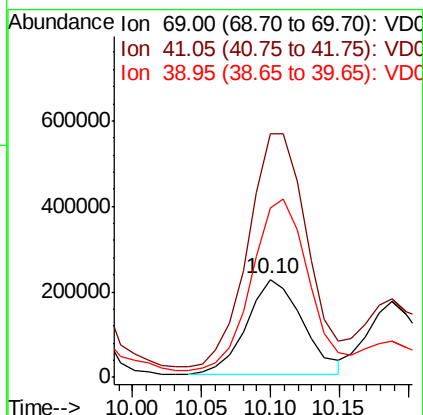
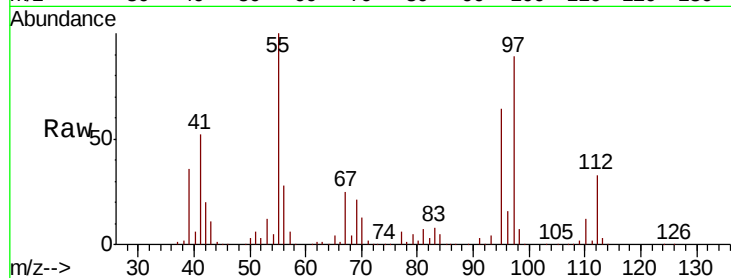




#56
Ethyl methacrylate
Concen: 59.916 ug/l
RT: 10.10 min Scan# 871
Delta R.T. 0.09 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

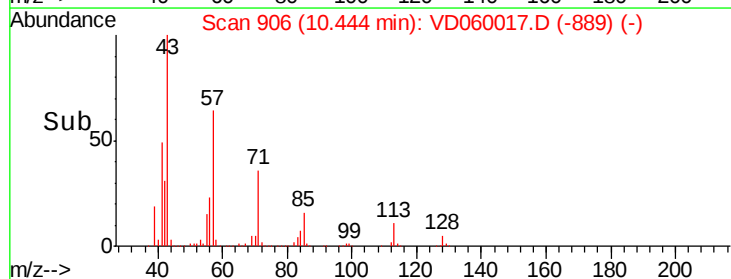
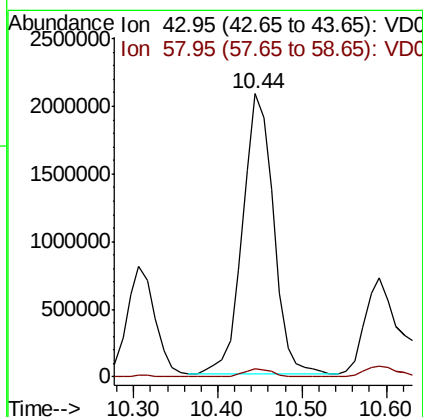
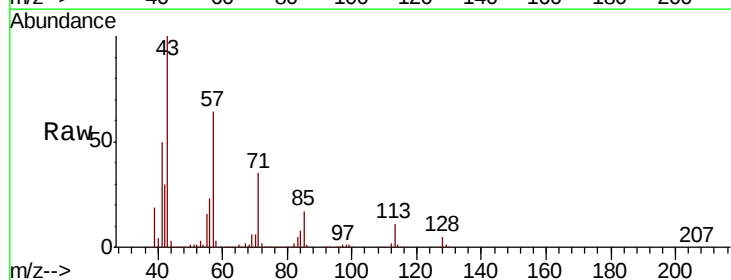
Instrument :
MSVOA_D
ClientSampleId :

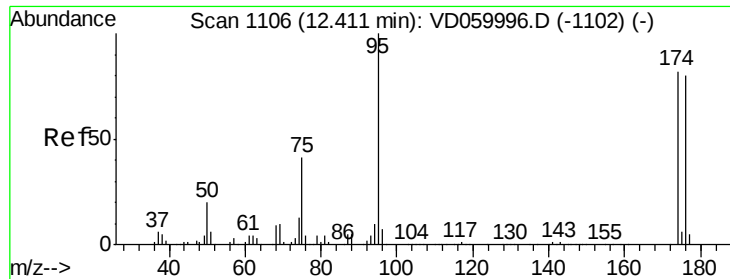
Tot Ion: 69 Resp: 626525
Ion Ratio Lower Upper
69 100
41 248.4 70.1 105.1#
39 172.7 36.5 54.7#



#59
2-Hexanone
Concen: Below Cal
RT: 10.44 min Scan# 906
Delta R.T. -0.03 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 43 Resp: 5338747
Ion Ratio Lower Upper
43 100
58 2.8 23.4 70.0#





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

ClientSampleId :

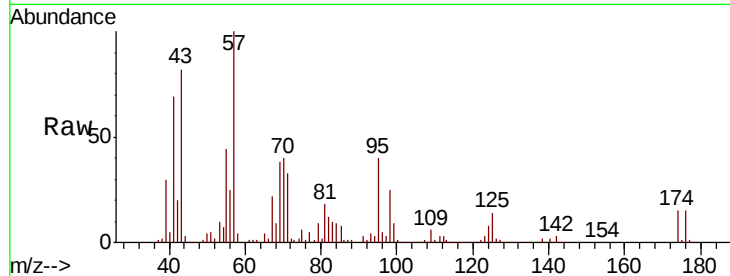
Tot Ion: 95 Resp: 816577

Ion Ratio Lower Upper

95 100

174 37.0 0.0 165.0

176 36.7 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

600000

400000

200000

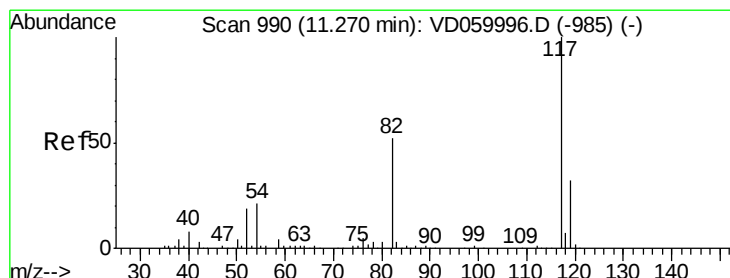
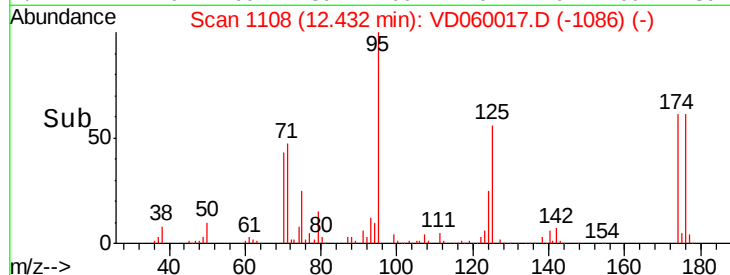
0

12.35

12.40

12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

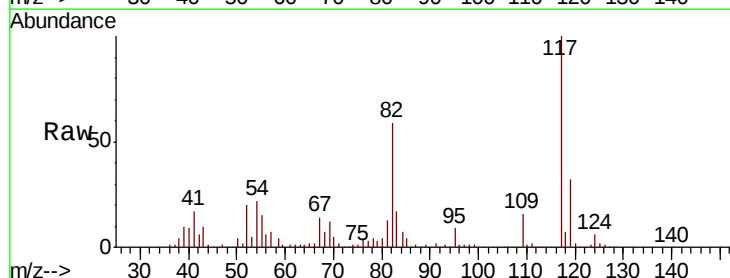
Tgt Ion: 117 Resp: 1218652

Ion Ratio Lower Upper

117 100

82 59.5 41.7 62.5

119 32.2 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

1000000

500000

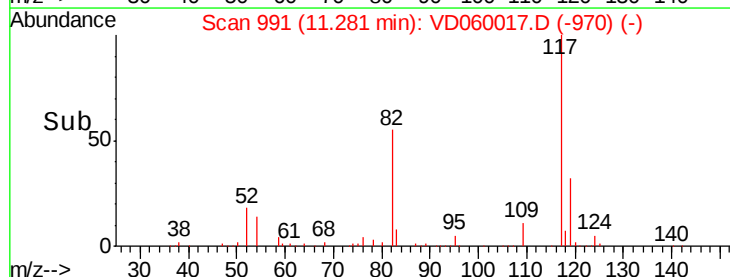
0

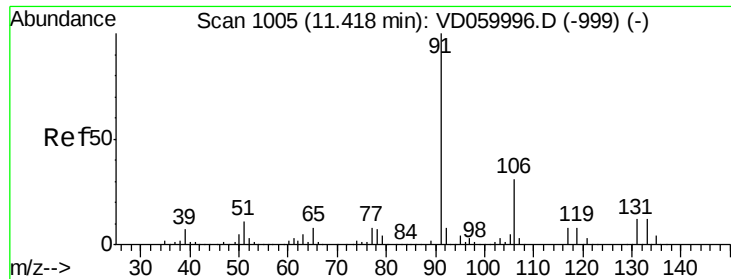
11.20

11.30

11.40

Time-->





#67

Ethyl Benzene

Concen: 4.063 ug/l

RT: 11.43 min Scan# 1006

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

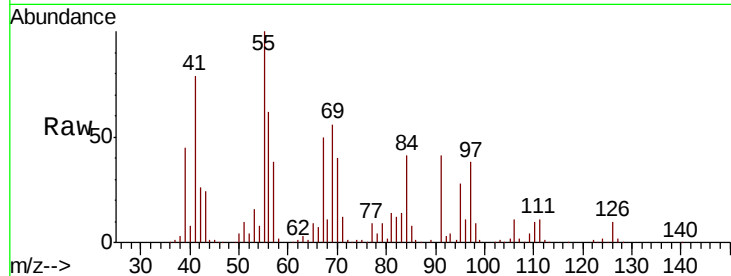
ClientSampleId :

Tot Ion: 91 Resp: 171323

Ion Ratio Lower Upper

91 100

106 26.7 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): VDC

11.43

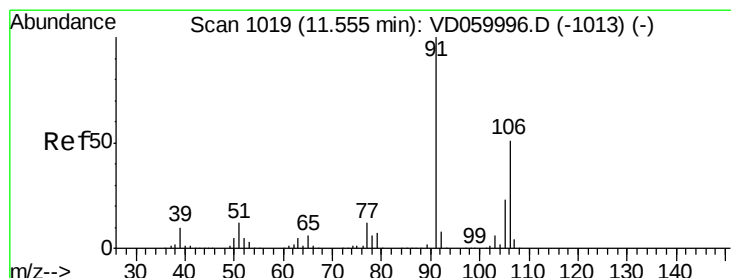
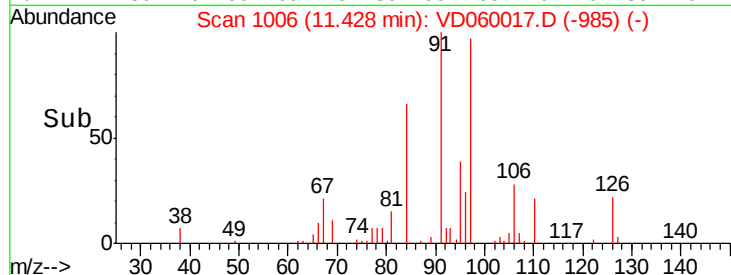
150000

100000

50000

0

Time-->



#68

m/p-Xylenes

Concen: 5.095 ug/l

RT: 11.57 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD060017.D

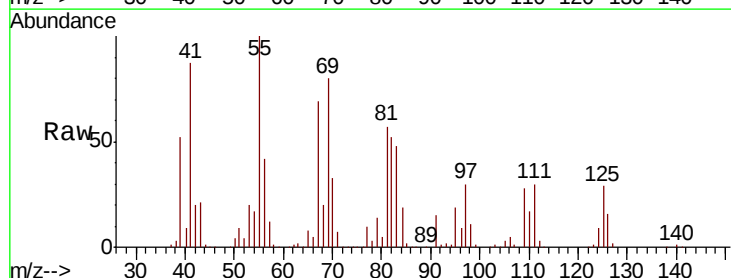
Acq: 17 Sep 2018 13:16

Tgt Ion: 106 Resp: 79343

Ion Ratio Lower Upper

106 100

91 280.0 157.0 235.6#



Abundance Ion 106.05 (105.75 to 106.75): VDC

Ion 91.00 (90.70 to 91.70): VDC

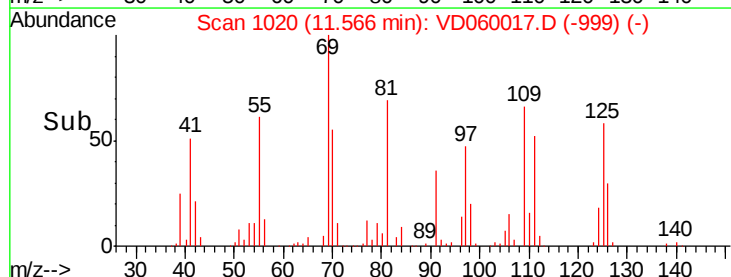
11.57

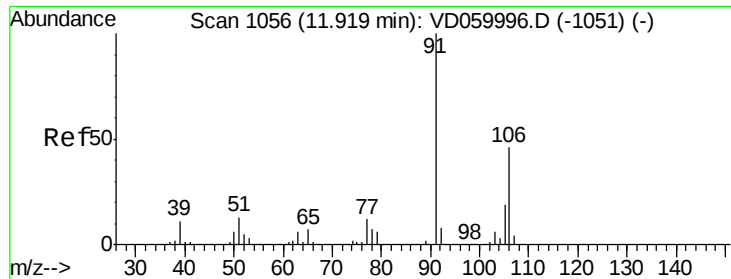
100000

50000

0

Time-->

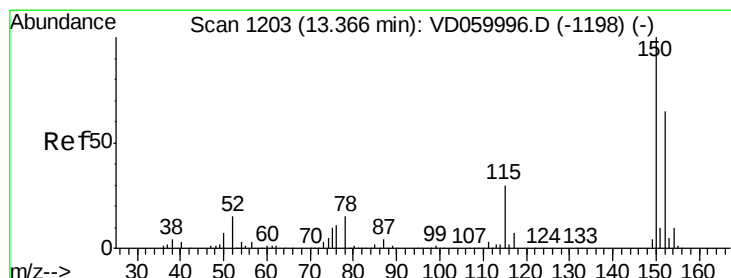
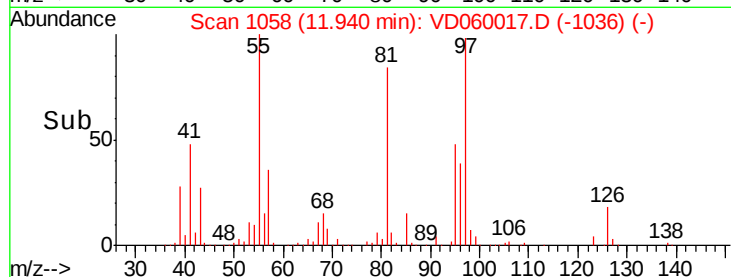
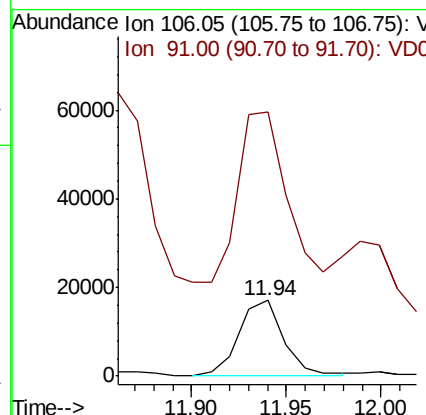
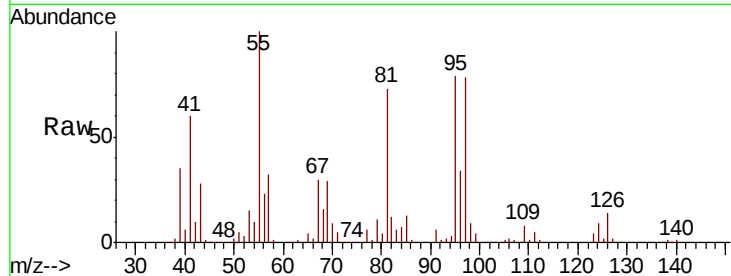




#69
o-Xylene
Concen: 1.845 ug/l
RT: 11.94 min Scan# 1058
Delta R.T. 0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

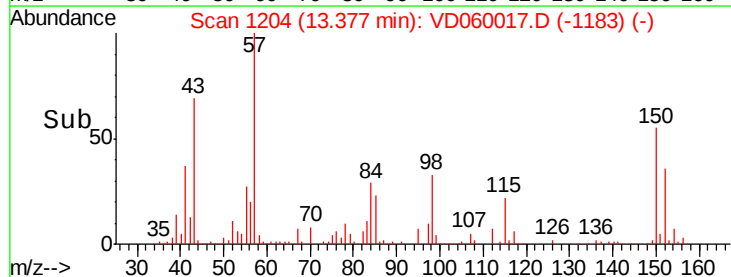
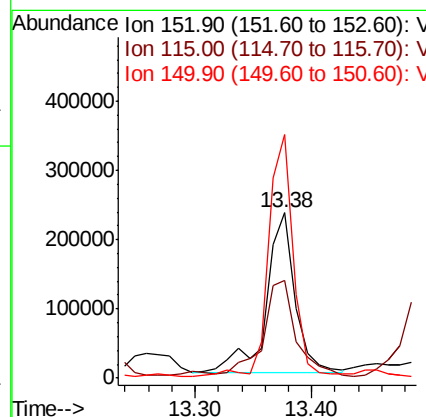
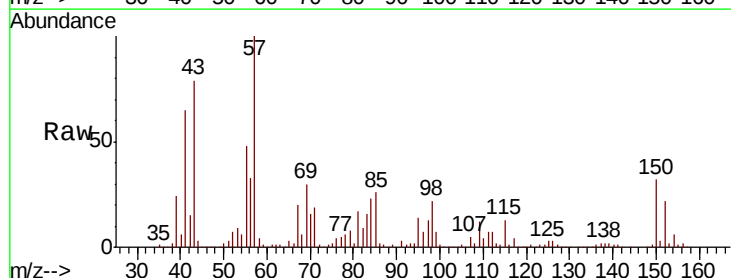
Instrument :
MSVOA_D
ClientSampled :

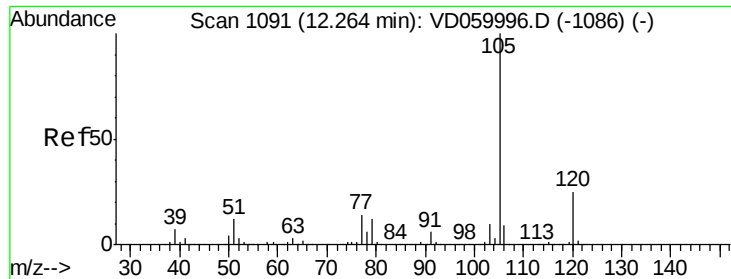
Tot Ion:106 Resp: 28466
Ion Ratio Lower Upper
106 100
91 348.6 107.7 323.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion:152 Resp: 397327
Ion Ratio Lower Upper
152 100
115 58.8 24.6 73.8
150 147.3 0.0 313.4

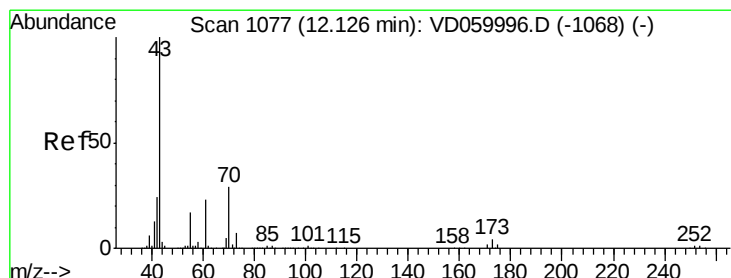
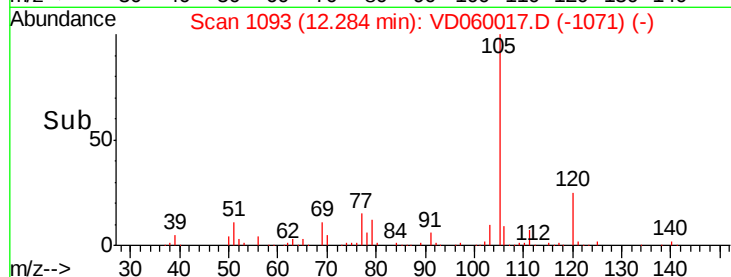
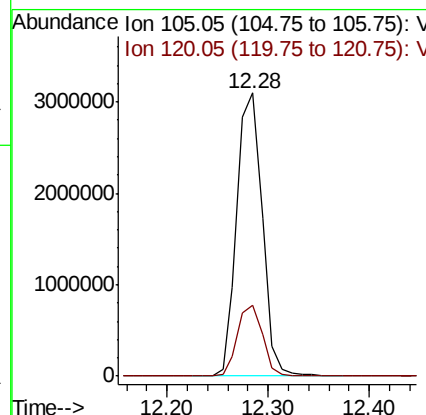
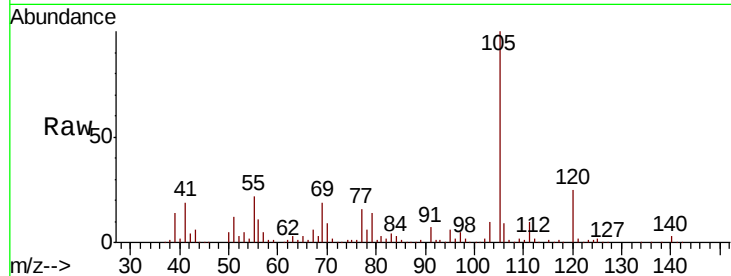




#73
Isopropylbenzene
Concen: 208.125 ug/l
RT: 12.28 min Scan# 1093
Delta R.T. 0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

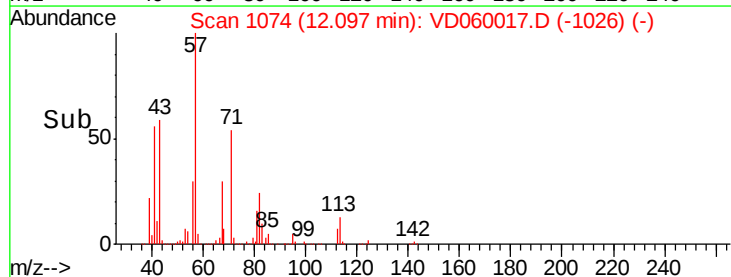
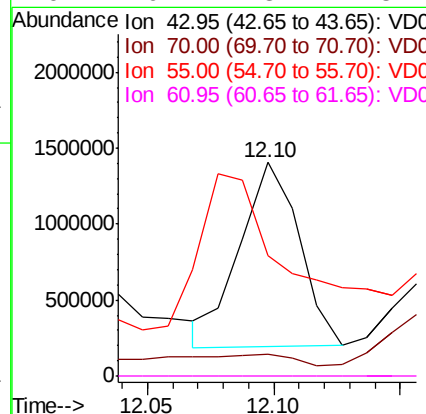
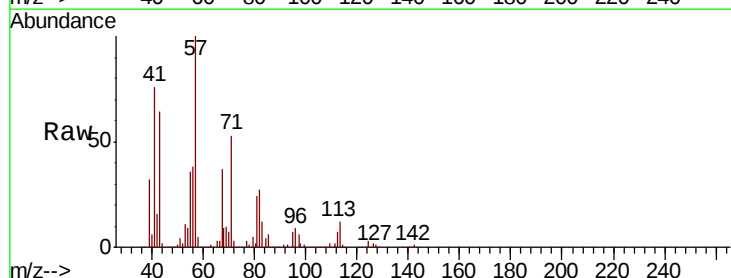
Instrument :
MSVOA_D
ClientSampleId :

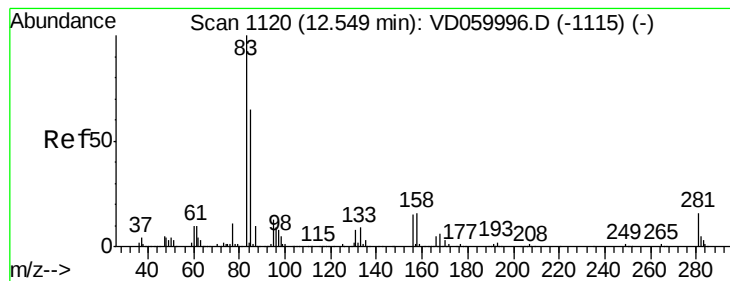
Tot Ion:105 Resp: 5423426
Ion Ratio Lower Upper
105 100
120 24.9 12.3 36.9



#74
N-ethyl acetate
Concen: 192.482 ug/l
RT: 12.10 min Scan# 1074
Delta R.T. -0.03 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 43 Resp: 1986803
Ion Ratio Lower Upper
43 100
70 10.4 22.9 34.3#
55 56.3 14.0 21.0#
61 0.1 18.7 28.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.237 ug/l

RT: 12.54 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

ClientSampleId :

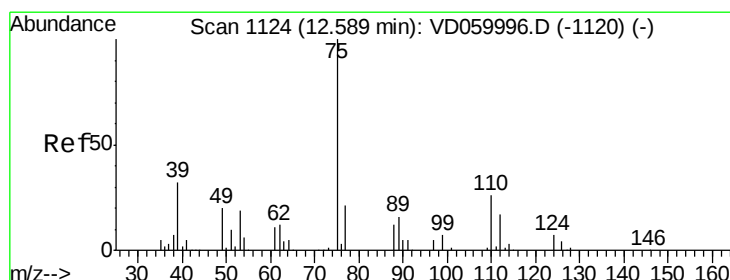
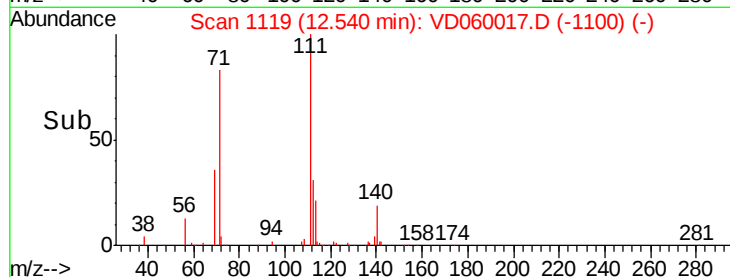
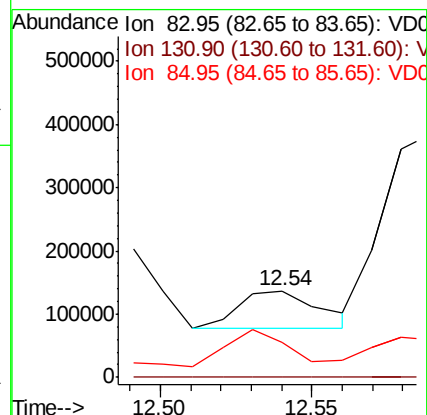
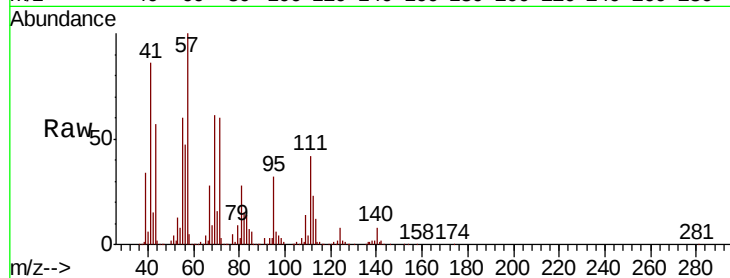
Tot Ion: 83 Resp: 107807

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 41.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 8.082 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. 0.05 min

Lab File: VD060017.D

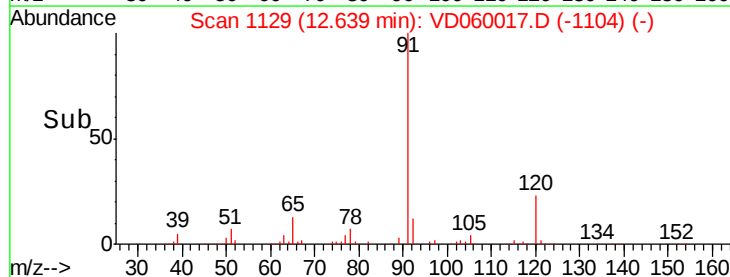
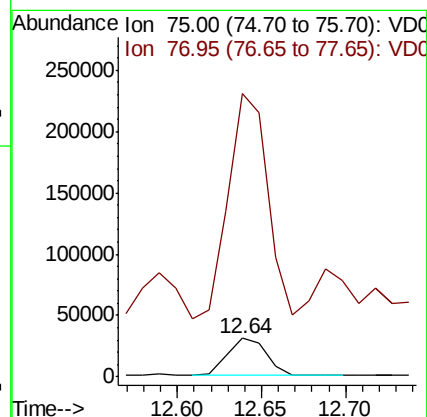
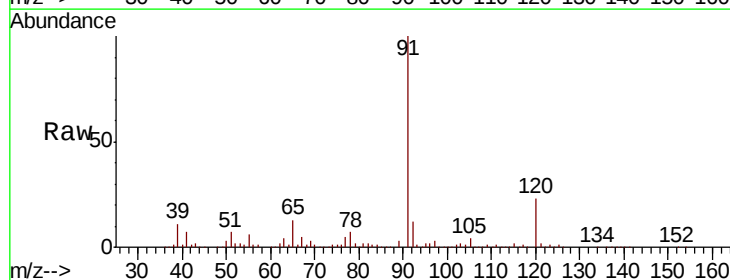
Acq: 17 Sep 2018 13:16

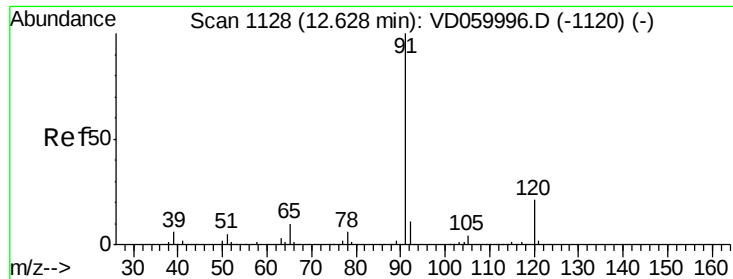
Tgt Ion: 75 Resp: 49041

Ion Ratio Lower Upper

75 100

77 737.4 16.4 49.4#





#78

n-propylbenzene

Concen: 273.713 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060017.D

Acq: 17 Sep 2018 13:16

Instrument :

MSVOA_D

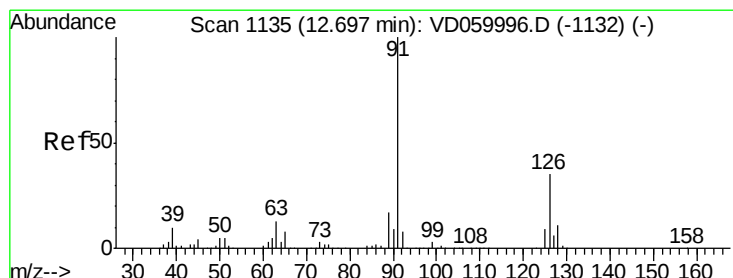
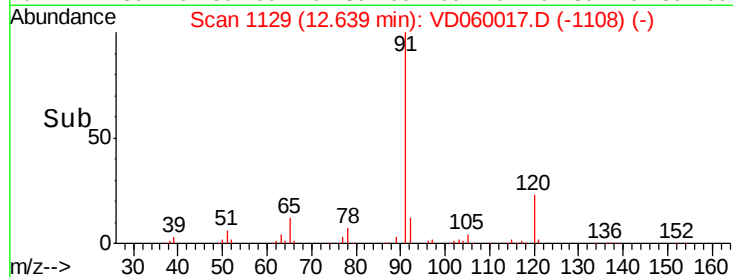
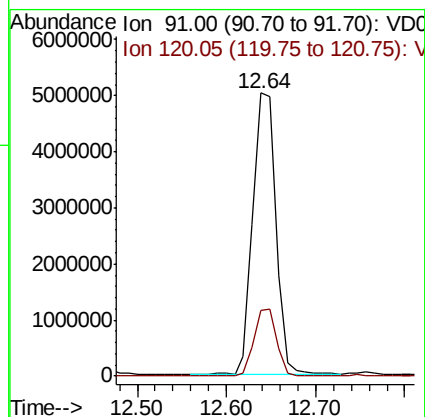
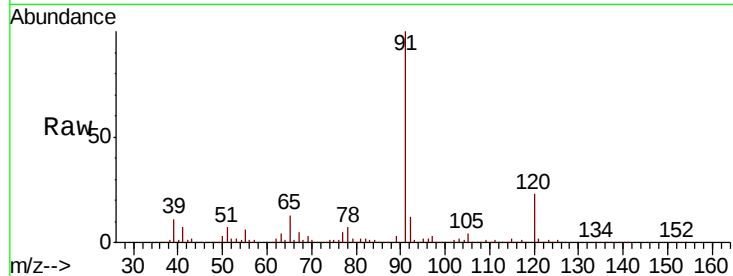
ClientSampled :

Tot Ion: 91 Resp: 8969333

Ion Ratio Lower Upper

91 100

120 23.0 10.7 31.9



#79

2-Chlorotoluene

Concen: 484.945 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.06 min

Lab File: VD060017.D

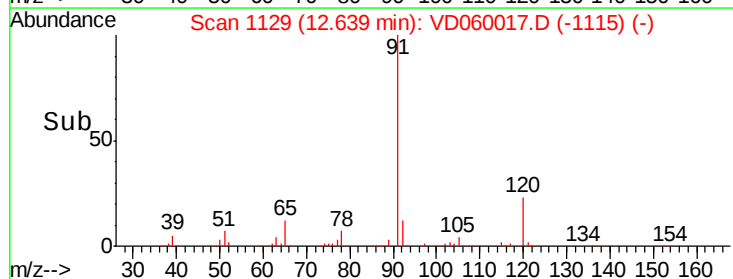
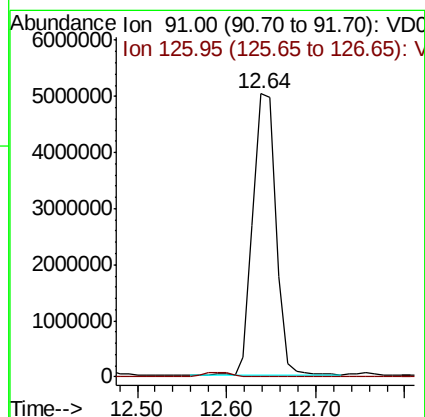
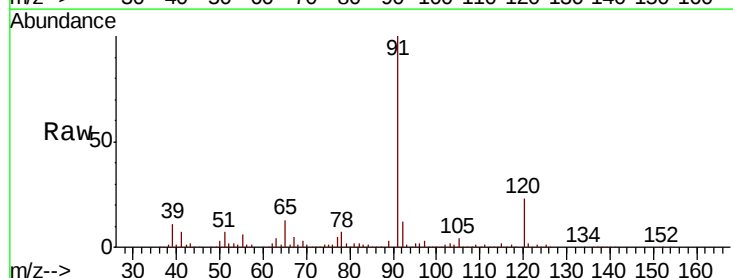
Acq: 17 Sep 2018 13:16

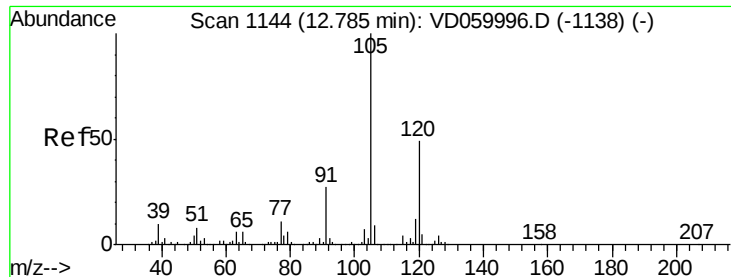
Tgt Ion: 91 Resp: 8969333

Ion Ratio Lower Upper

91 100

126 0.1 17.3 52.0#

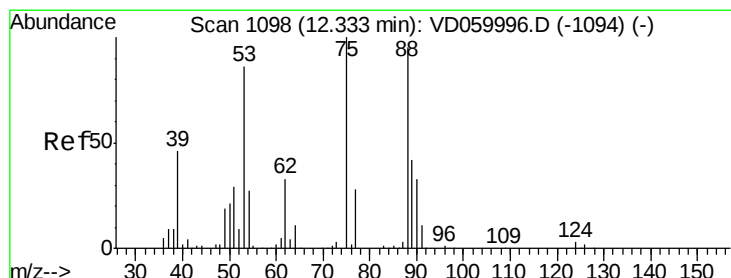
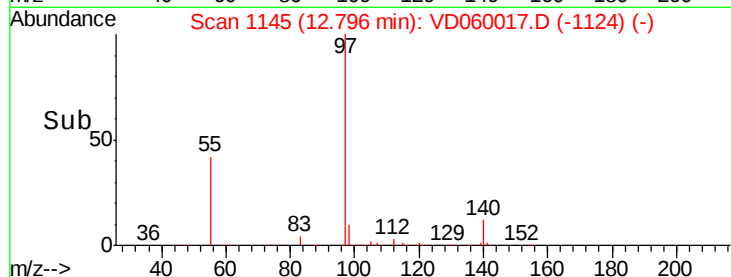
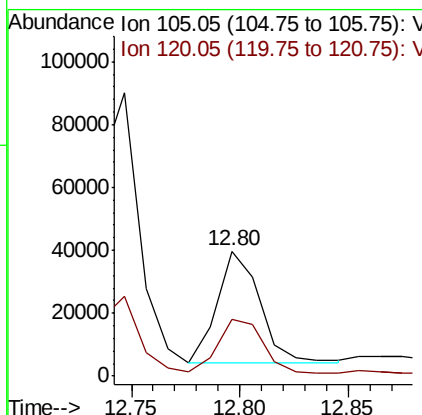
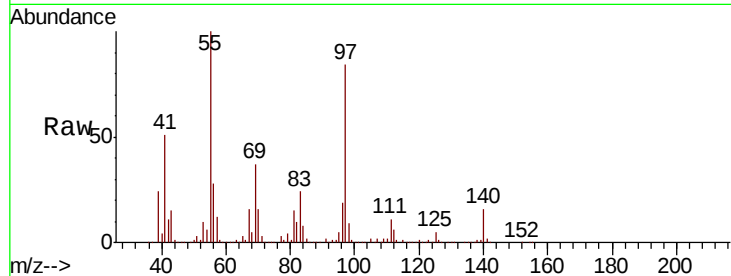




#80
 1,3,5-Trimethylbenzene
 Concen: 2.454 ug/l
 RT: 12.80 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VD060017.D
 Acq: 17 Sep 2018 13:16

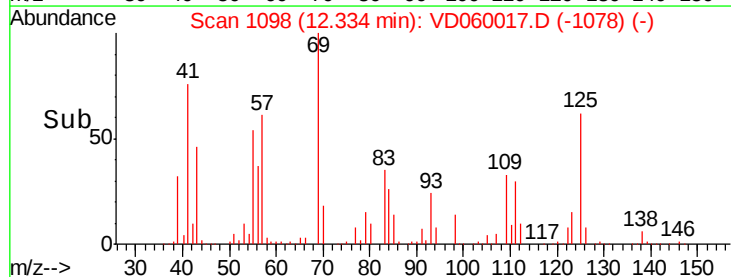
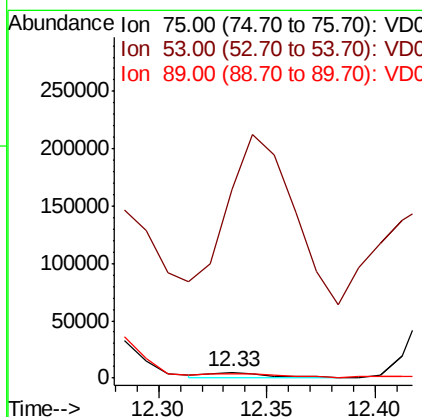
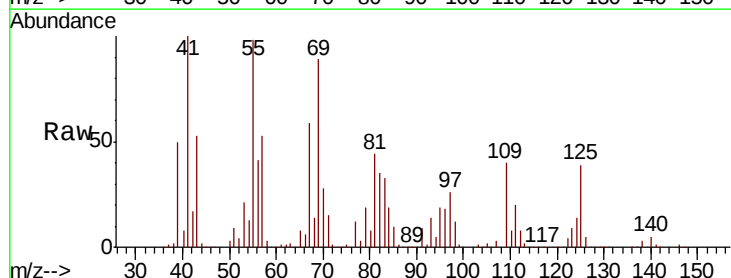
Instrument :
 MSVOA_D
 ClientSampleId :

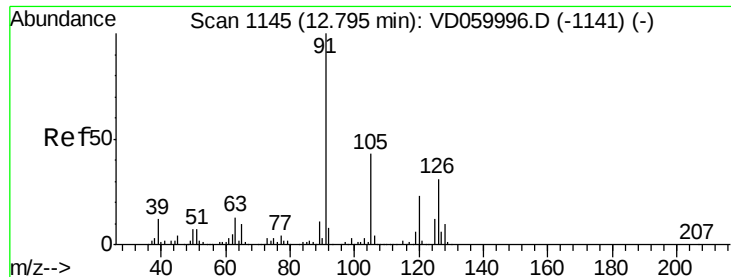
Tot Ion:105 Resp: 49022
 Ion Ratio Lower Upper
 105 100
 120 45.7 24.4 73.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.210 ug/l
 RT: 12.33 min Scan# 1098
 Delta R.T. 0.00 min
 Lab File: VD060017.D
 Acq: 17 Sep 2018 13:16

Tgt Ion: 75 Resp: 7711
 Ion Ratio Lower Upper
 75 100
 53 3355.9 68.4 102.6#
 89 78.3 33.8 50.6#

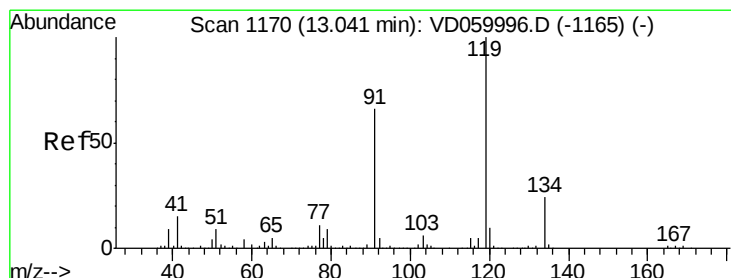
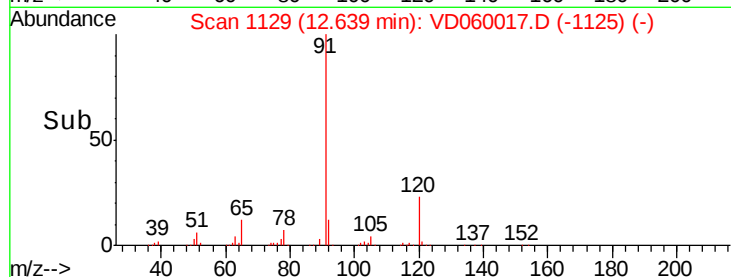
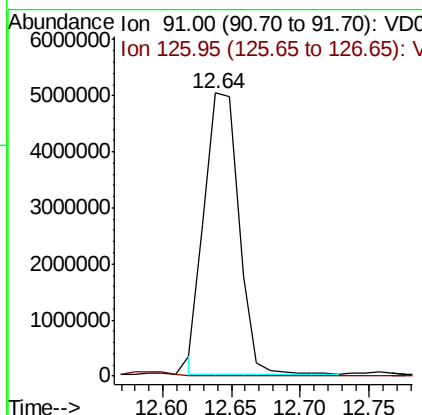
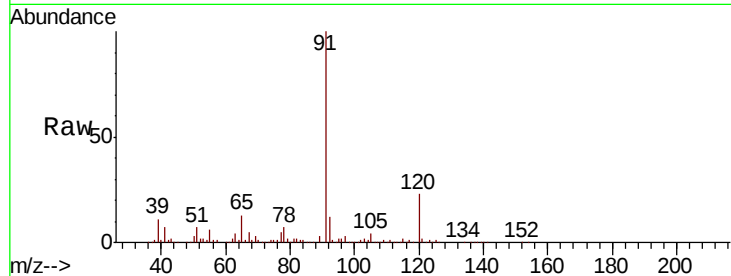




#82
4-Chlorotoluene
Concen: 425.329 ug/l
RT: 12.64 min Scan# 1129
Delta R.T. -0.16 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

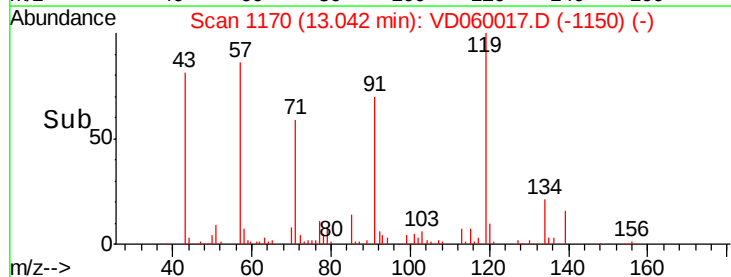
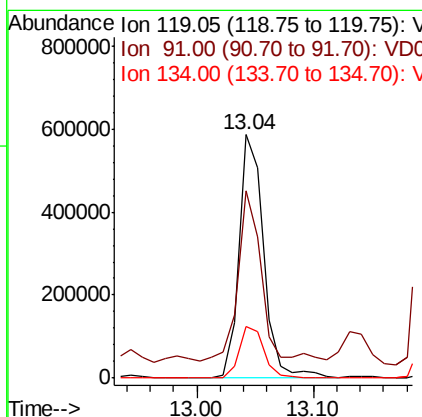
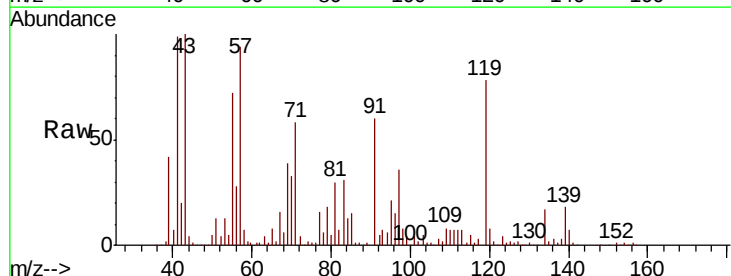
Instrument :
MSVOA_D
ClientSampled :

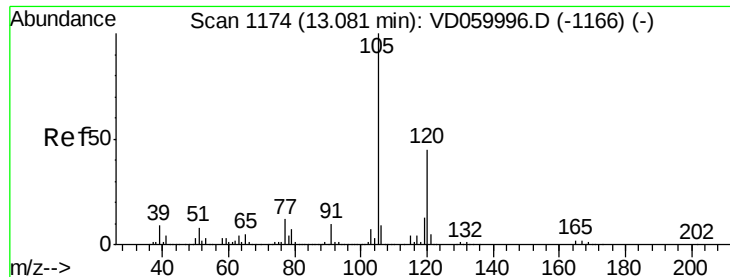
Tot Ion: 91 Resp: 8648870
Ion Ratio Lower Upper
91 100
126 0.1 15.4 46.1#



#83
tert-Butylbenzene
Concen: 36.893 ug/l
RT: 13.04 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 119 Resp: 853656
Ion Ratio Lower Upper
119 100
91 76.9 32.9 98.6
134 21.4 12.0 36.0

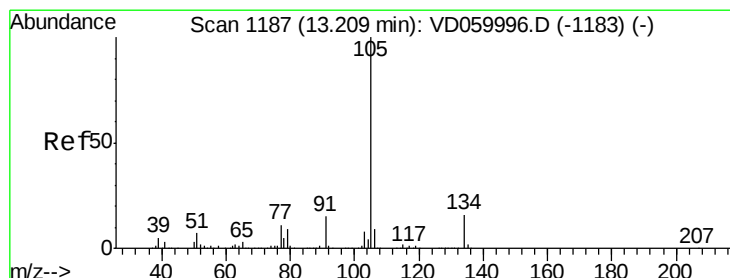
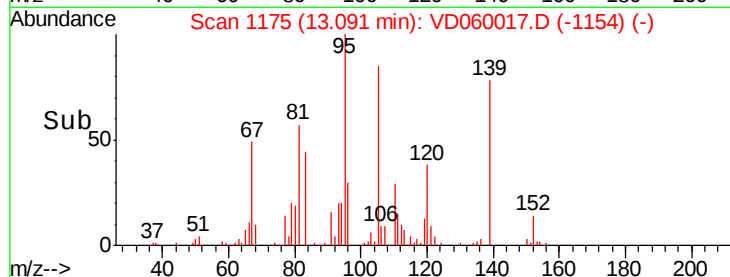
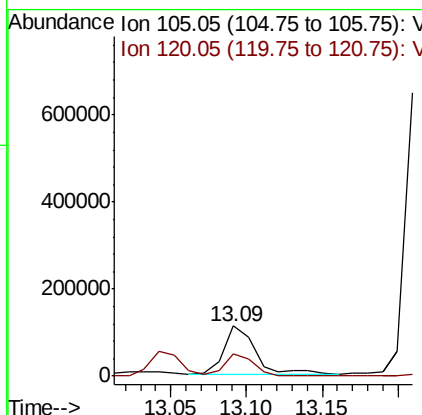
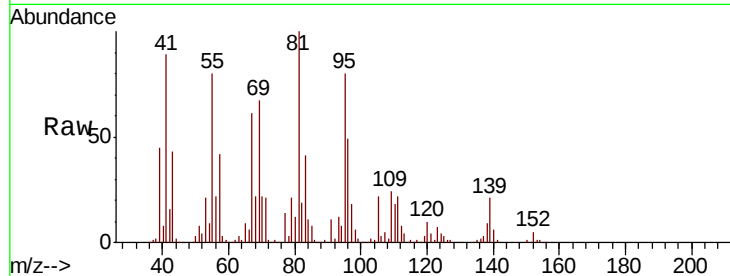




#84
1,2,4-Trimethylbenzene
Concen: 7.302 ug/l
RT: 13.09 min Scan# 1175
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

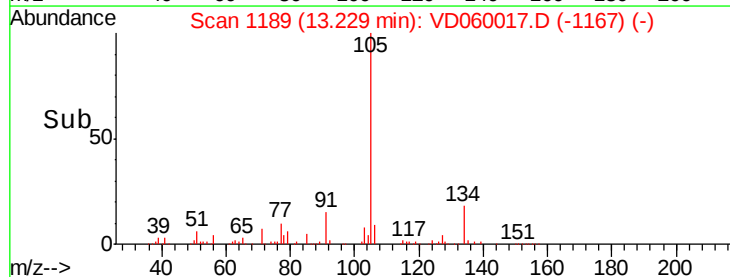
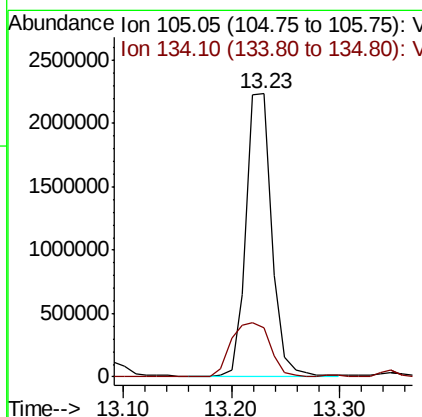
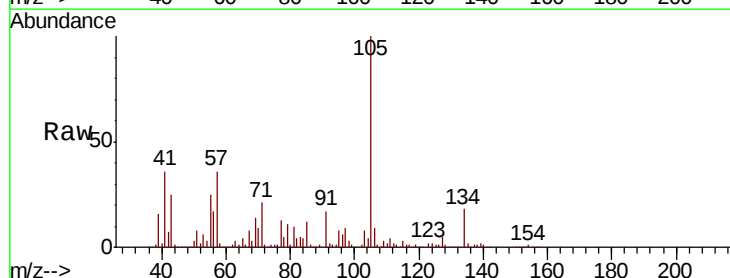
Instrument :
MSVOA_D
ClientSampled :

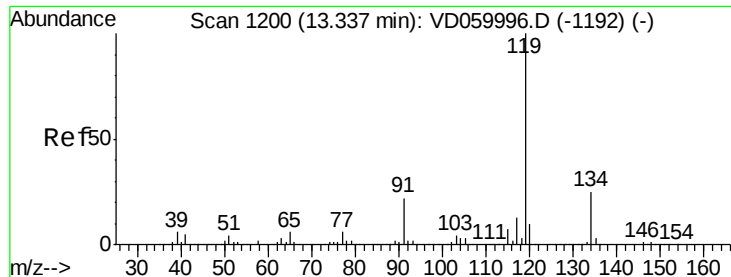
Tot Ion:105 Resp: 155636
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0



#85
sec-Butylbenzene
Concen: 133.484 ug/l
RT: 13.23 min Scan# 1189
Delta R.T. 0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion:105 Resp: 3666403
Ion Ratio Lower Upper
105 100
134 17.5 8.2 24.6

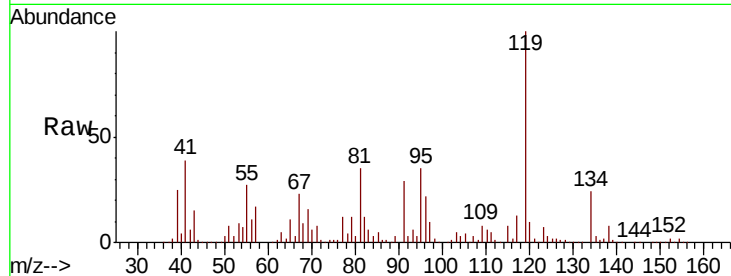




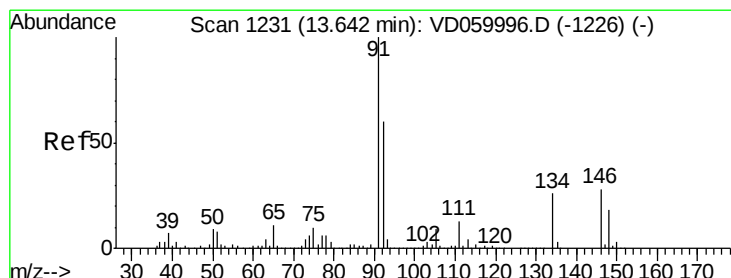
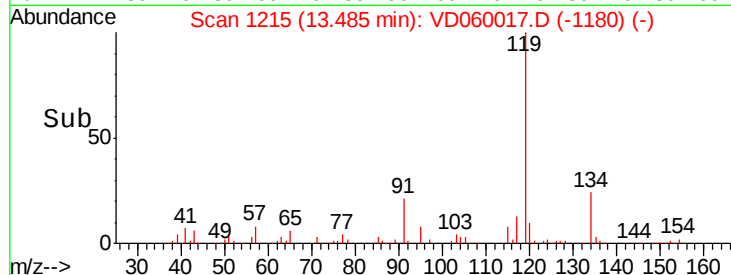
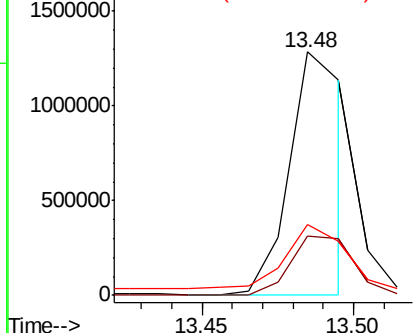
#86
p-Isopropyltoluene
Concen: 72.753 ug/l
RT: 13.48 min Scan# 1215
Delta R.T. 0.15 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:119 Resp: 1616212
Ion Ratio Lower Upper
119 100
134 24.2 12.8 38.3
91 28.9 11.1 33.3

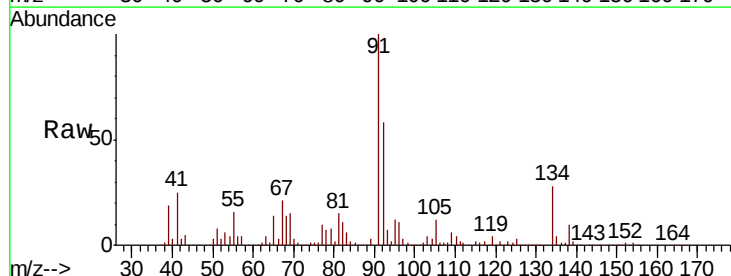


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

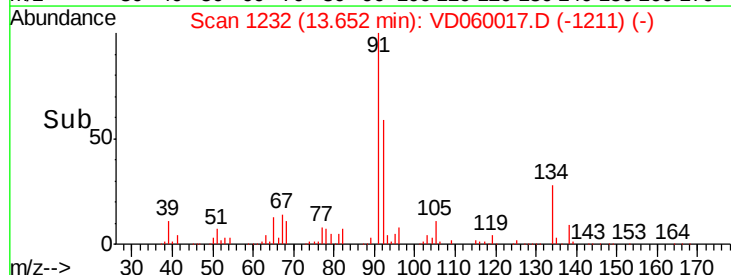
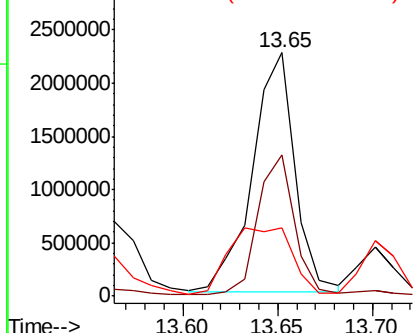


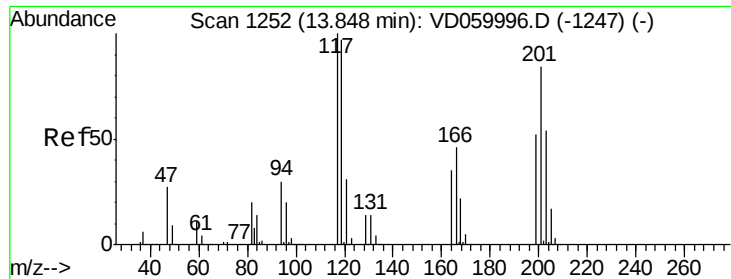
#89
n-Butylbenzene
Concen: Below Cal
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 91 Resp: 3510957
Ion Ratio Lower Upper
91 100
92 58.3 29.8 89.3
134 27.8 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V
Ion 134.10 (133.80 to 134.80): V

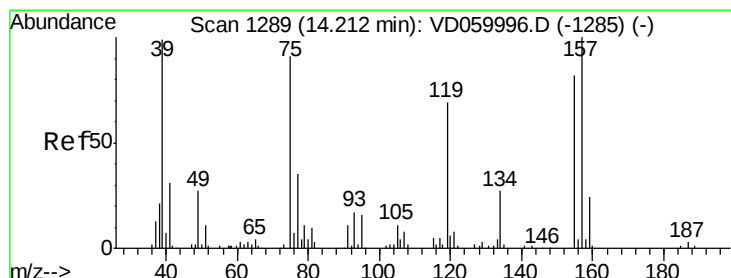
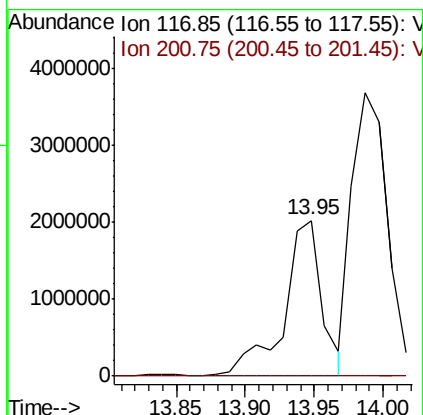
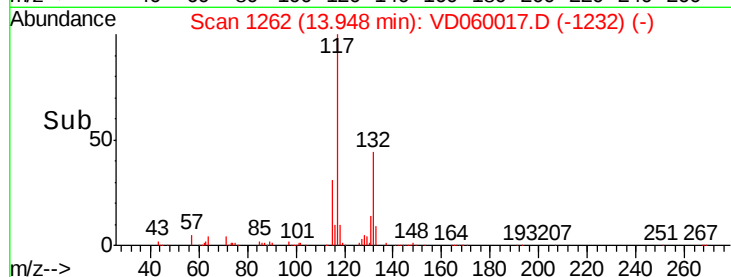
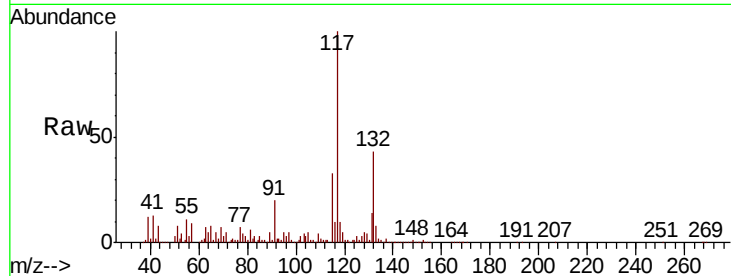




#90
Hexachloroethane
Concen: 683.108 ug/l
RT: 13.95 min Scan# 1262
Delta R.T. 0.10 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

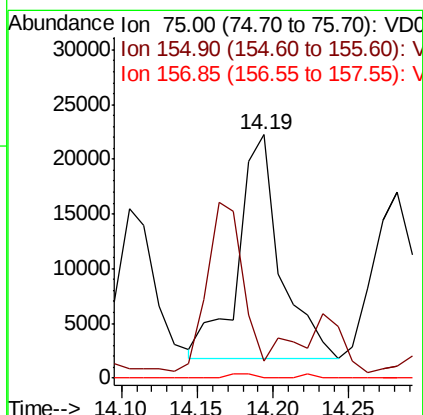
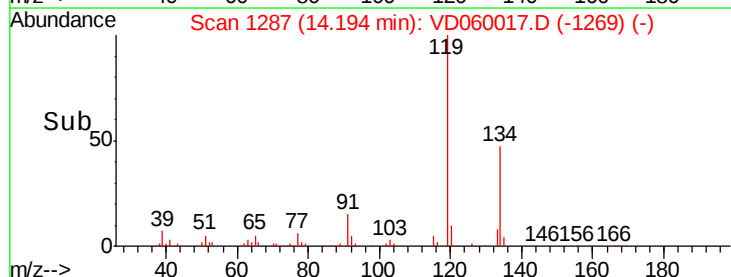
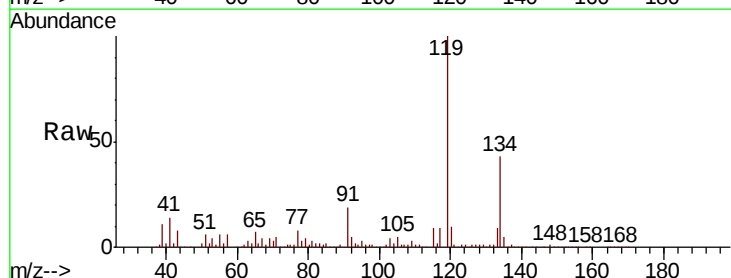
Instrument :
MSVOA_D
ClientSampled :

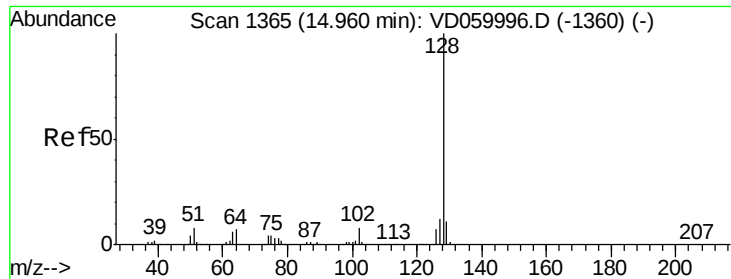
Tot Ion:117 Resp: 3758680
Ion Ratio Lower Upper
117 100
201 0.0 42.1 126.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.760 ug/l
RT: 14.19 min Scan# 1287
Delta R.T. -0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion: 75 Resp: 39437
Ion Ratio Lower Upper
75 100
155 6.8 44.7 134.1#
157 0.0 54.7 164.1#

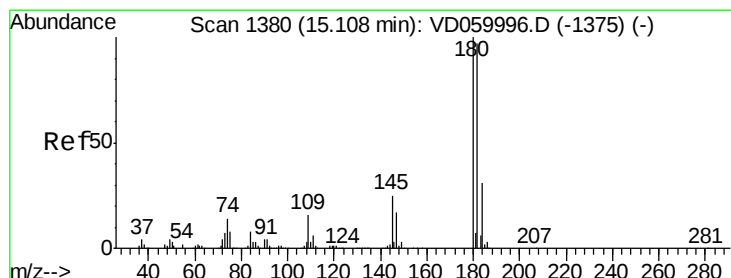
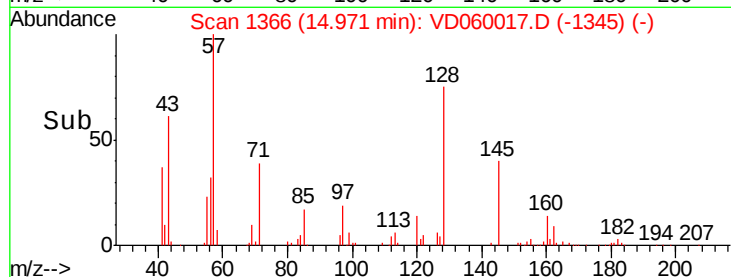
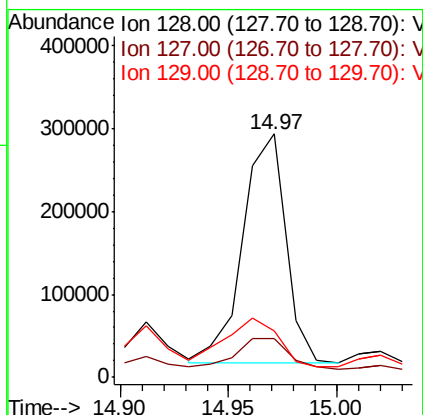
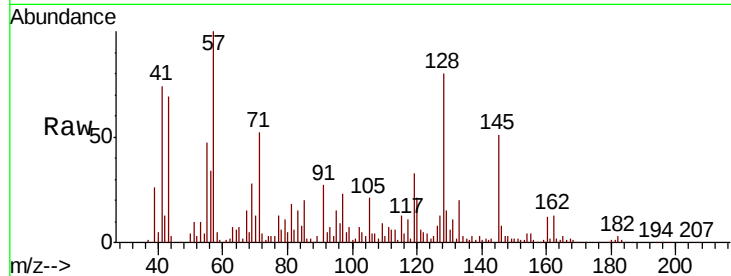




#95
Naphthalene
Concen: 26.670 ug/l
RT: 14.97 min Scan# 1366
Delta R.T. 0.01 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:128 Resp: 383127
Ion Ratio Lower Upper
128 100
127 16.1 9.7 14.5#
129 18.9 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 1.152 ug/l
RT: 15.09 min Scan# 1378
Delta R.T. -0.02 min
Lab File: VD060017.D
Acq: 17 Sep 2018 13:16

Tgt Ion:180 Resp: 9446
Ion Ratio Lower Upper
180 100
182 44.4 48.6 145.9#
145 1723.8 12.7 38.1#

