

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
 Data File : VD060021.D
 Acq On : 17 Sep 2018 15:09
 Operator : JC/SY
 Sample : J4906-01RE
 Misc : 7.10g/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-3RE

Quant Time: Sep 18 03:53:25 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

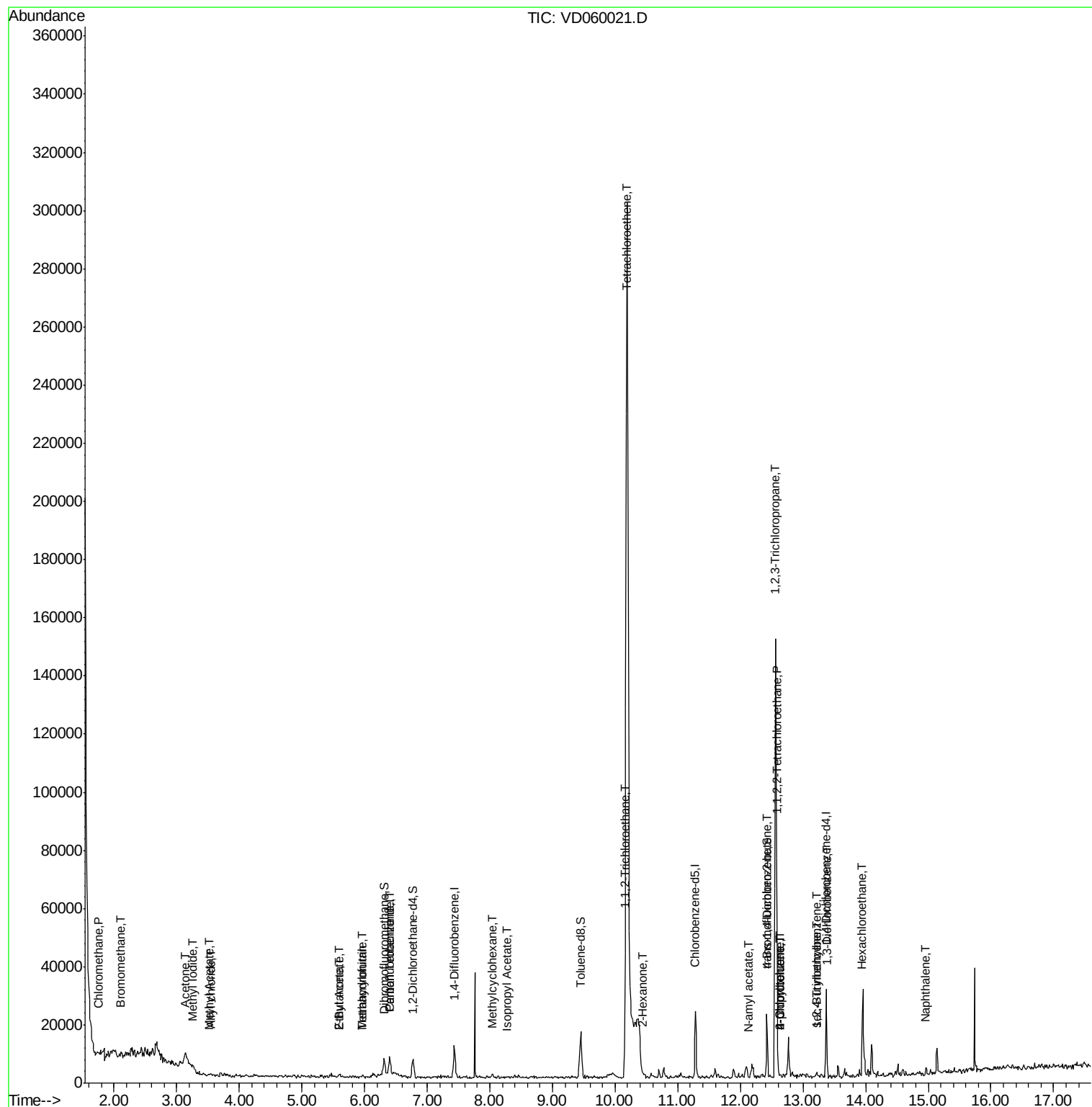
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	8170	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	12902	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.28	117	13277	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.37	152	7165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	6085	95.51	ug/l	0.01
Spiked Amount	50.000		Recovery	=	191.02%	
35) Dibromofluoromethane	6.31	113	4603	45.67	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.34%	
50) Toluene-d8	9.45	98	12475	44.66	ug/l	0.01
Spiked Amount	50.000		Recovery	=	89.32%	
62) 4-Bromofluorobenzene	12.42	95	6805	63.76	ug/l	0.01
Spiked Amount	50.000		Recovery	=	127.52%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.75	50	435	5.710	ug/l #	43
5) Bromomethane	2.12	94	594	81.945	ug/l #	1
10) Methyl Iodide	3.27	142	200	4.442	ug/l #	31
14) Allyl chloride	3.55	41	179	2.525	ug/l #	19
16) Acetone	3.13	43	10286	836.196	ug/l	91
18) Methyl Acetate	3.53	43	190	7.595	ug/l #	64
25) 2-Butanone	5.59	43	896	26.993	ug/l #	61
29) Tetrahydrofuran	5.97	42	199	11.179	ug/l #	41
37) Ethyl Acetate	5.59	43	896	10.166	ug/l #	72
38) Carbon Tetrachloride	6.39	117	239	1.998	ug/l #	12
39) Methylcyclohexane	8.04	83	515	3.552	ug/l #	73
41) Methacrylonitrile	5.97	41	192	4.159	ug/l #	41
43) Isopropyl Acetate	8.27	43	181	1.534	ug/l #	49
51) 4-Methyl-2-Pentanone	9.31	43	193	Below Cal	#	42
55) 1,1,2-Trichloroethane	10.15	97	226	3.109	ug/l #	14
59) 2-Hexanone	10.44	43	1858	20.397	ug/l #	30
64) Tetrachloroethene	10.19	164	786	6.710	ug/l #	20
74) N-amyl acetate	12.14	43	194	1.042	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.59	83	190	1.782	ug/l #	24
76) 1,2,3-Trichloropropane	12.56	75	1092	9.979	ug/l #	42
78) n-propylbenzene	12.64	91	959	1.623	ug/l #	55
79) 2-Chlorotoluene	12.64	91	959	2.875	ug/l #	40
81) trans-1,4-Dichloro-2-buten	12.42	75	1980	59.940	ug/l #	15
82) 4-Chlorotoluene	12.64	91	959	2.615	ug/l #	44
84) 1,2,4-Trimethylbenzene	13.22	105	721	1.876	ug/l #	31
85) sec-Butylbenzene	13.22	105	721	1.456	ug/l #	62
87) 1,3-Dichlorobenzene	13.39	146	236	1.003	ug/l #	25
89) n-Butylbenzene	13.65	91	442	Below Cal	#	29
90) Hexachloroethane	13.94	117	206	2.076	ug/l #	7
95) Naphthalene	14.96	128	1748	6.748	ug/l #	70

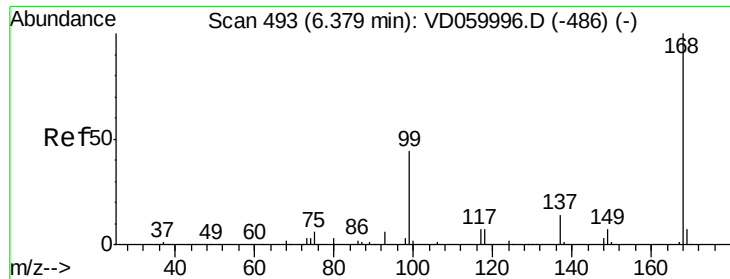
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD091718\
Data File : VD060021.D
Acq On : 17 Sep 2018 15:09
Operator : JC/SY
Sample : J4906-01RE
Misc : 7.10g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

Quant Time: Sep 18 03:53:25 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: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

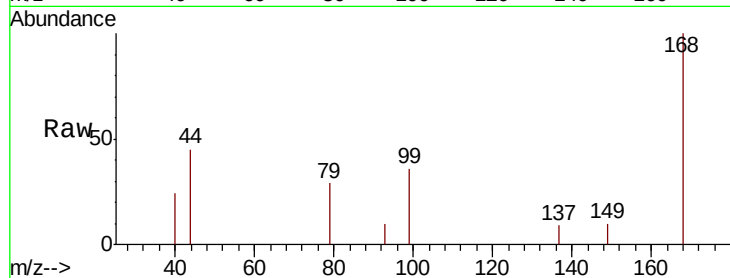
SP-PIT-3RE

Tgt Ion: 168 Resp: 8170

Ion Ratio Lower Upper

168 100

99 35.8 38.5 57.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

4000

3000

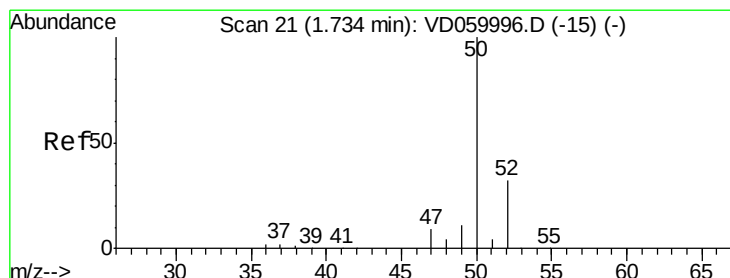
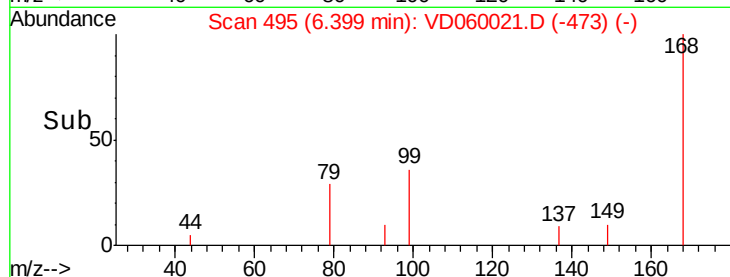
2000

1000

0

Time-->

6.30 6.35 6.40 6.45 6.50



#3

Chloromethane

Concen: 5.710 ug/l

RT: 1.75 min Scan# 23

Delta R.T. 0.02 min

Lab File: VD060021.D

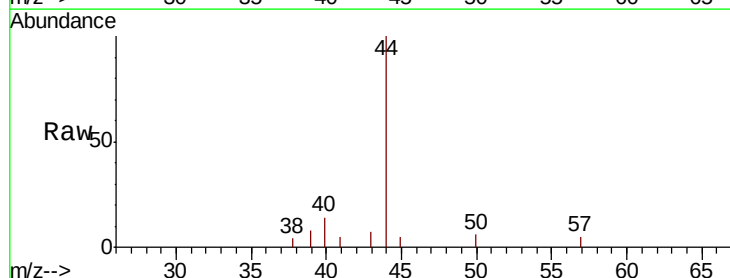
Acq: 17 Sep 2018 15:09

Tgt Ion: 50 Resp: 435

Ion Ratio Lower Upper

50 100

52 0.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

500

400

300

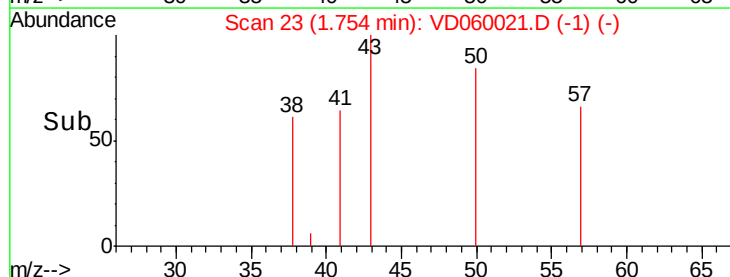
200

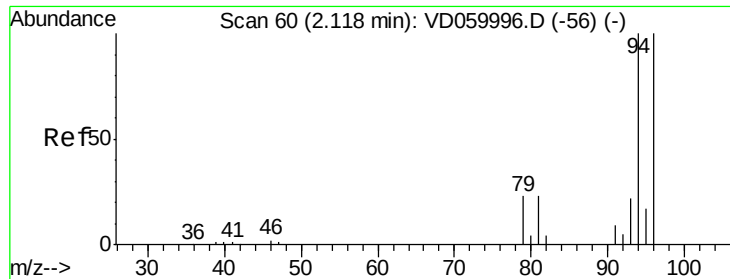
100

0

Time-->

1.72 1.74 1.76 1.78 1.80





#5

Bromomethane

Concen: 81.945 ug/l

RT: 2.12 min Scan# 60

Delta R.T. 0.00 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

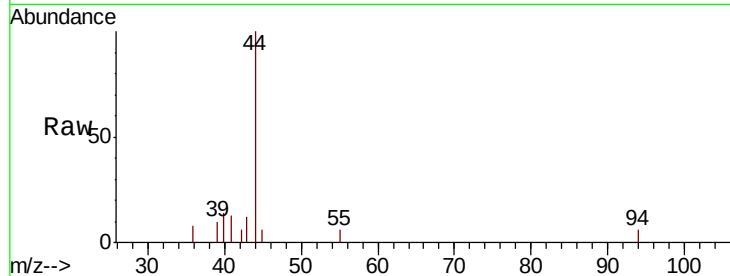
SP-PIT-3RE

Tgt Ion: 94 Resp: 594

Ion Ratio Lower Upper

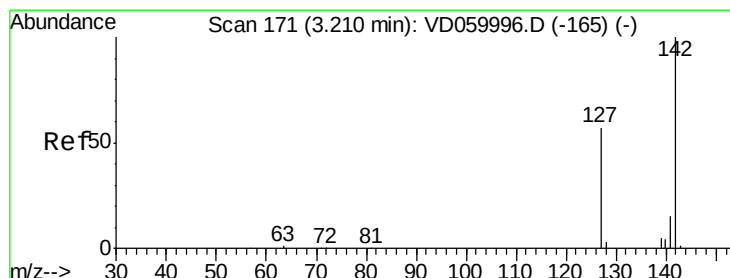
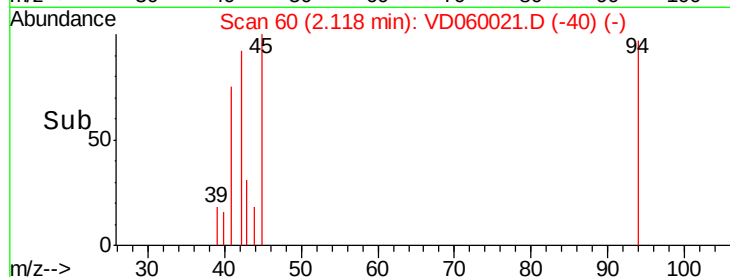
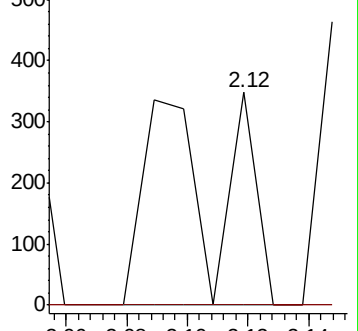
94 100

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



#10

Methyl Iodide

Concen: 4.442 ug/l

RT: 3.27 min Scan# 177

Delta R.T. 0.06 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

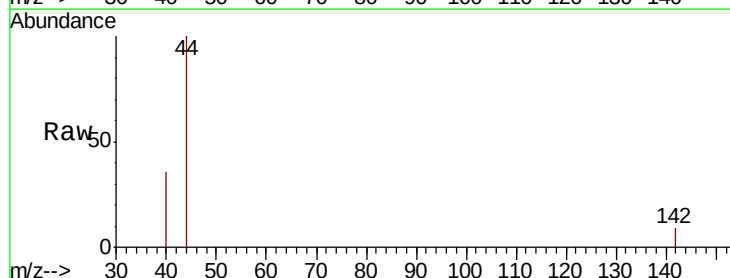
Tgt Ion: 142 Resp: 200

Ion Ratio Lower Upper

142 100

127 0.0 45.8 68.8#

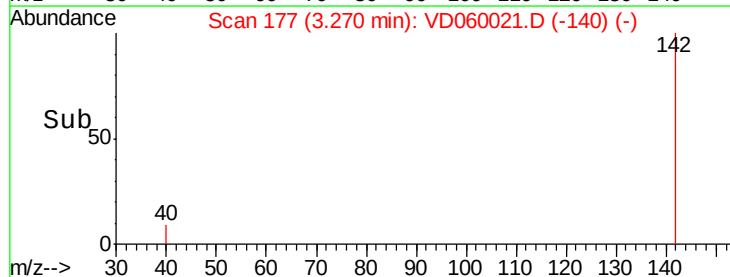
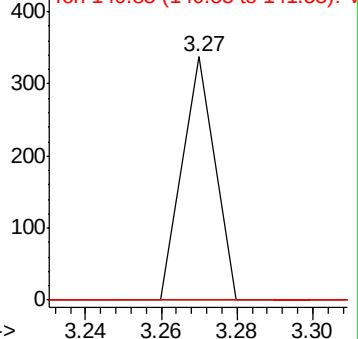
141 0.0 12.2 18.4#

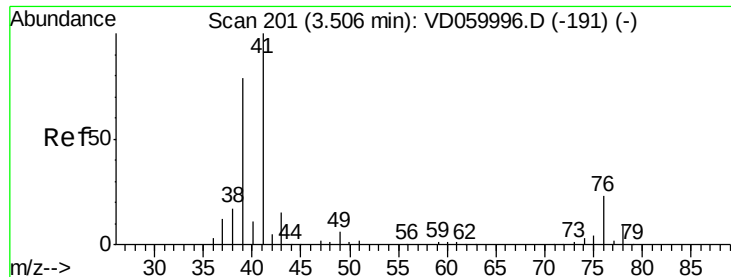


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

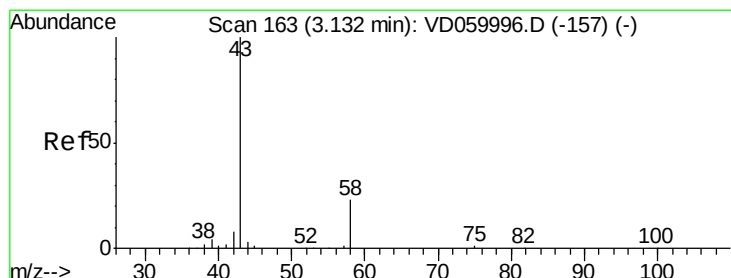
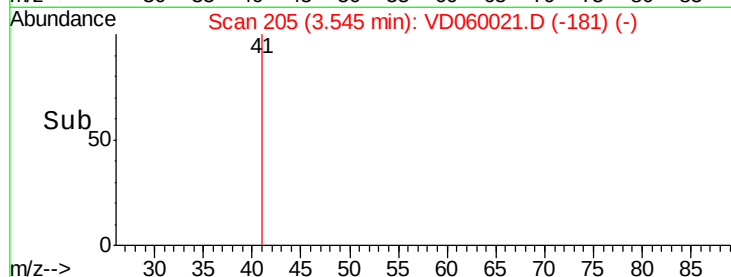
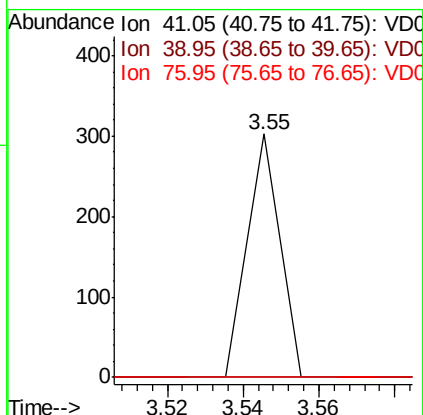
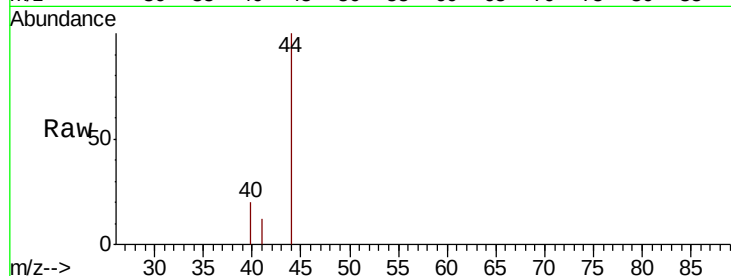




#14
 Allyl chloride
 Concen: 2.525 ug/l
 RT: 3.55 min Scan# 205
 Delta R.T. 0.04 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

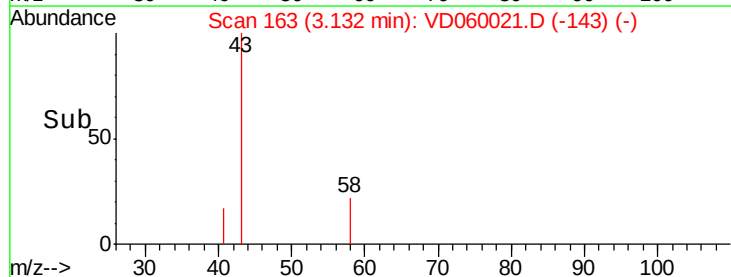
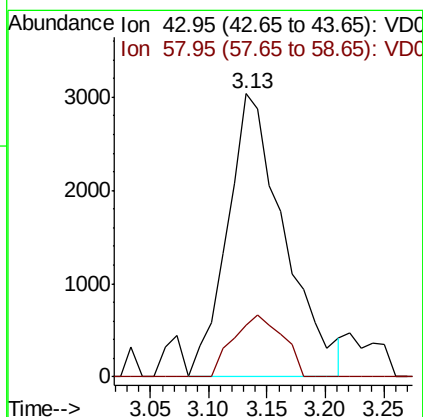
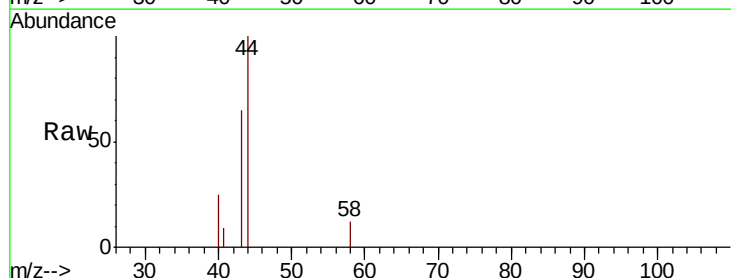
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-3RE

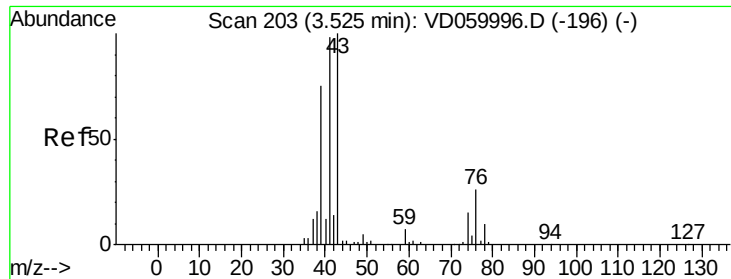
Tgt Ion: 41 Resp: 179
 Ion Ratio Lower Upper
 41 100
 39 0.0 63.6 95.4#
 76 0.0 21.1 31.7#



#16
 Acetone
 Concen: 836.196 ug/l
 RT: 3.13 min Scan# 163
 Delta R.T. 0.00 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

Tgt Ion: 43 Resp: 10286
 Ion Ratio Lower Upper
 43 100
 58 18.2 18.1 27.1

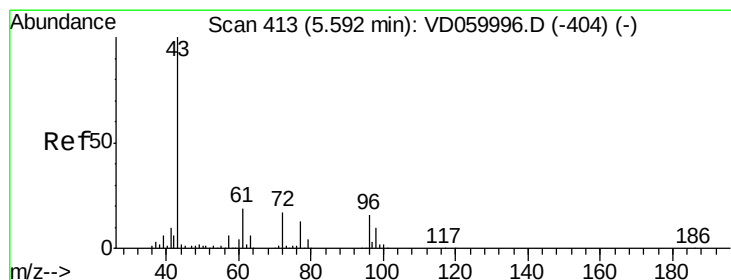
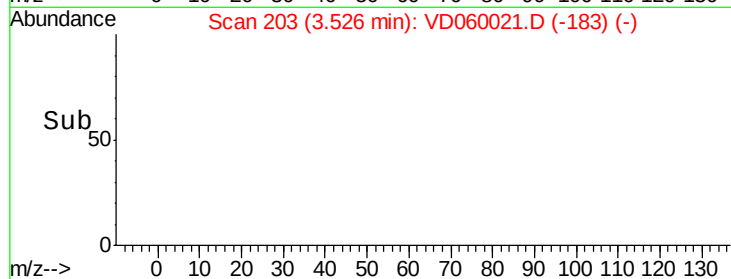
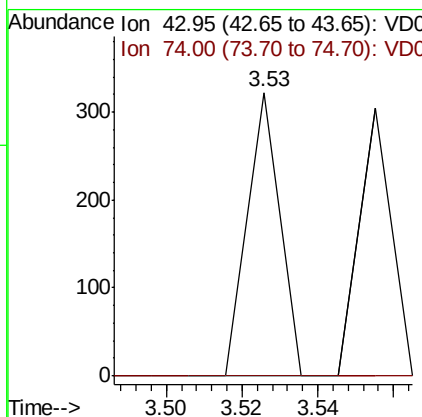
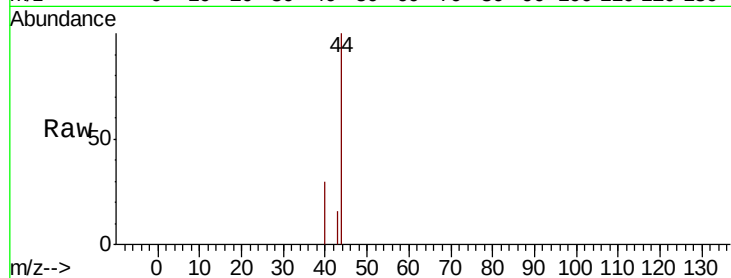




#18
Methyl Acetate
Concen: 7.595 ug/l
RT: 3.53 min Scan# 203
Delta R.T. 0.00 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

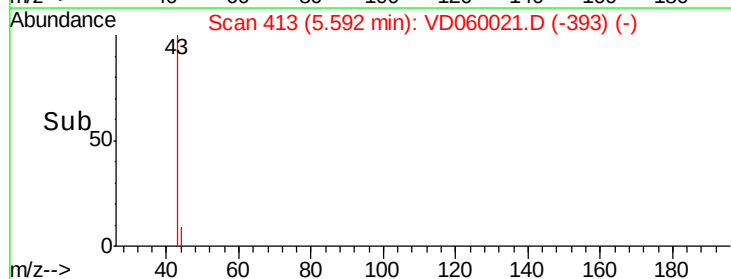
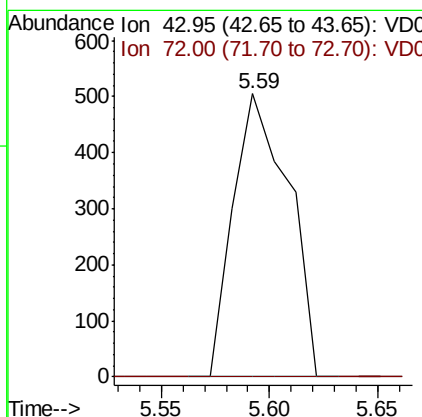
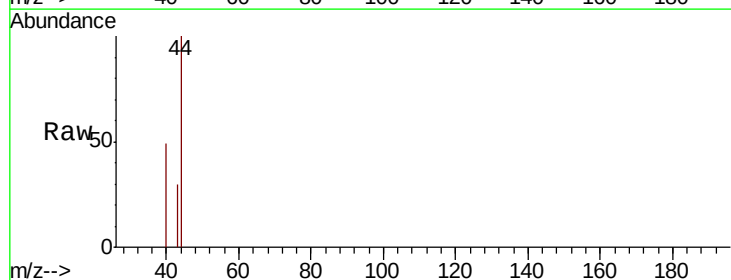
Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

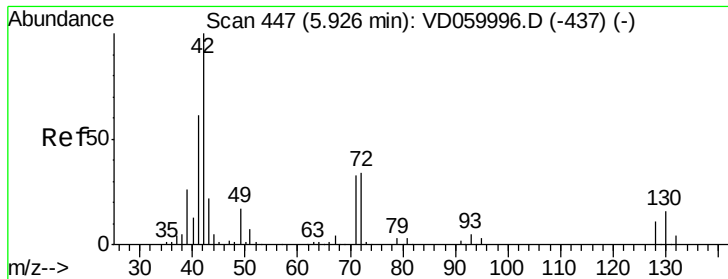
Tgt Ion: 43 Resp: 190
Ion Ratio Lower Upper
43 100
74 0.0 11.8 17.8#



#25
2-Butanone
Concen: 26.993 ug/l
RT: 5.59 min Scan# 413
Delta R.T. 0.00 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
72 0.0 13.6 20.4#





#29

Tetrahydrofuran

Concen: 11.179 ug/l

RT: 5.97 min Scan# 451

Delta R.T. 0.04 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

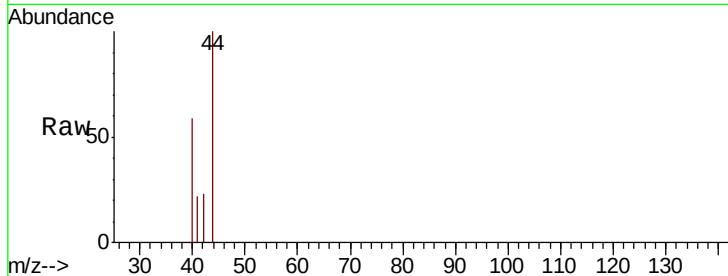
Tgt Ion: 42 Resp: 199

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

5.97

400

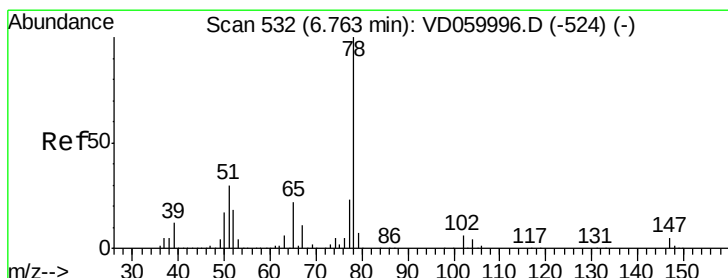
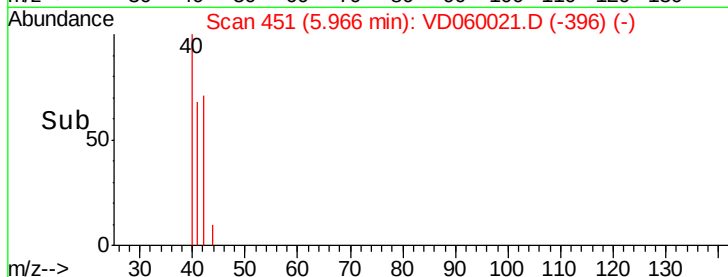
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060021.D

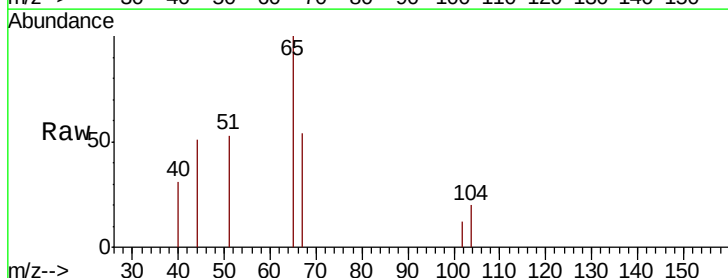
Acq: 17 Sep 2018 15:09

Tgt Ion: 65 Resp: 6085

Ion Ratio Lower Upper

65 100

67 54.3 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

3000

2500

2000

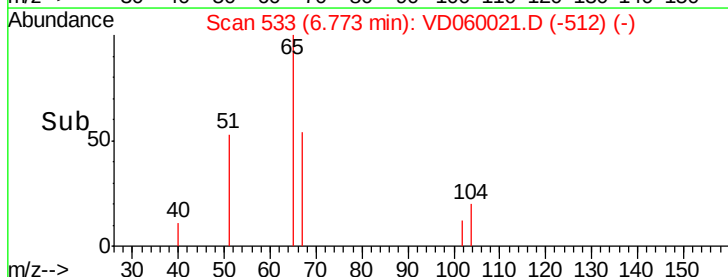
1500

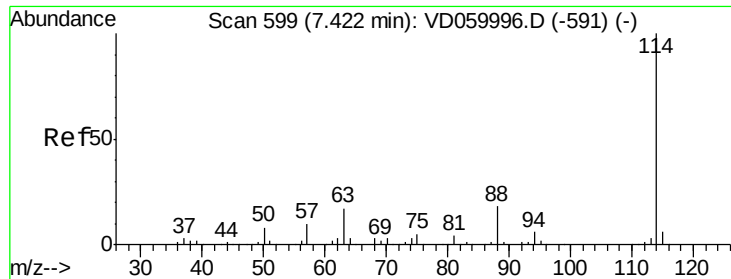
1000

500

0

Time-->

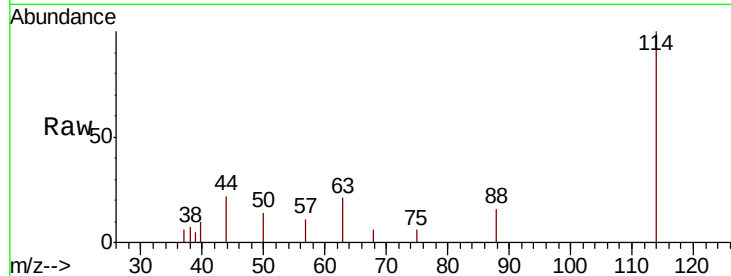




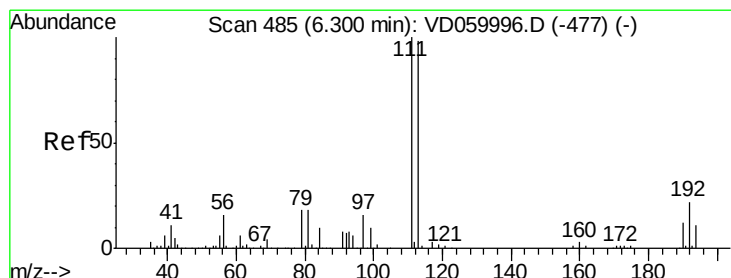
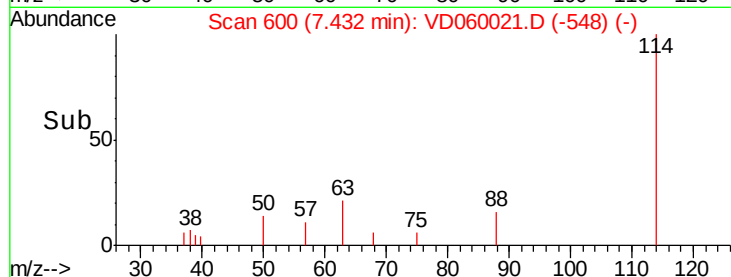
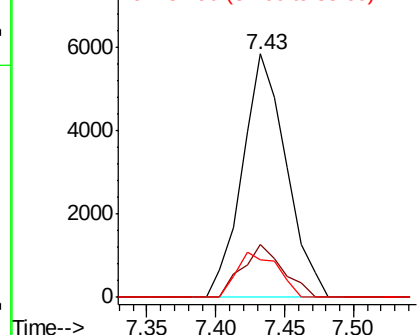
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-PIT-3RE

Tgt Ion:114 Resp: 12902
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 34.4
 88 15.6 0.0 35.8

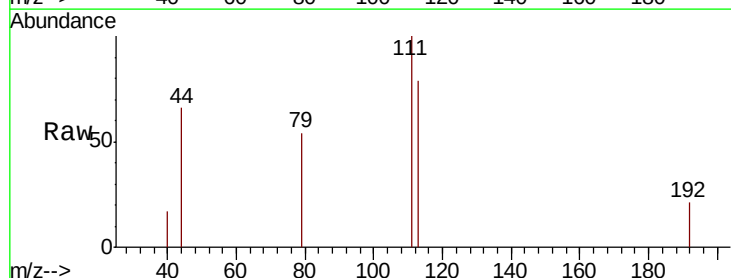


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

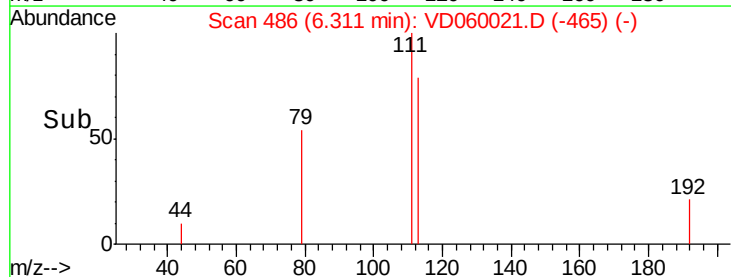
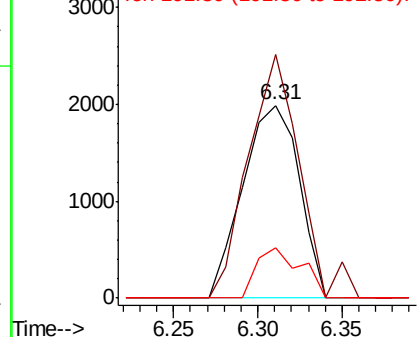


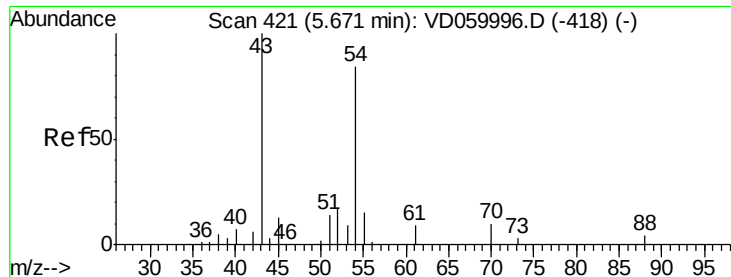
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060021.D
 Acq: 17 Sep 2018 15:09

Tgt Ion:113 Resp: 4603
 Ion Ratio Lower Upper
 113 100
 111 126.2 81.3 121.9#
 192 26.4 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





#37

Ethyl Acetate

Concen: 10.166 ug/l

RT: 5.59 min Scan# 413

Delta R.T. -0.08 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

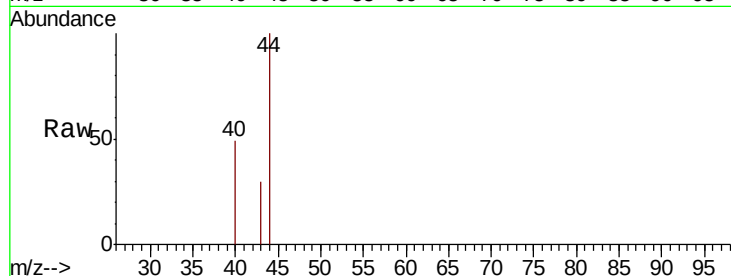
Tgt Ion: 43 Resp: 896

Ion Ratio Lower Upper

43 100

61 0.0 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

5.59

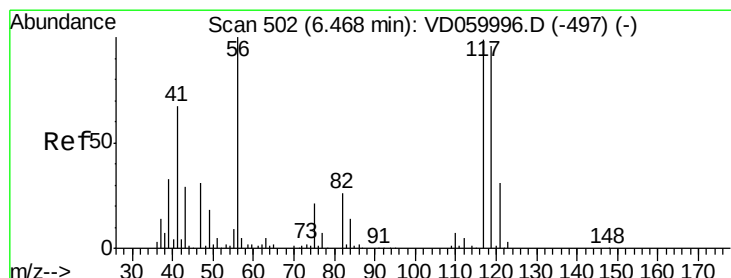
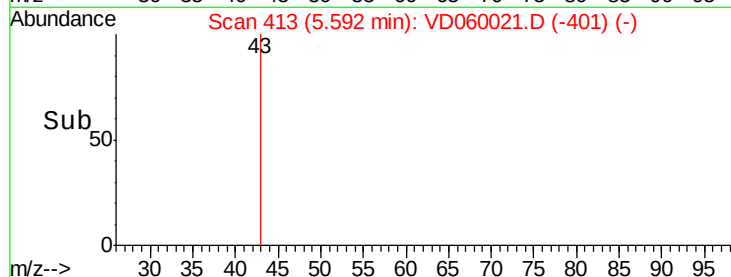
400

200

0

Time-->

5.55 5.60 5.65



#38

Carbon Tetrachloride

Concen: 1.998 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.08 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

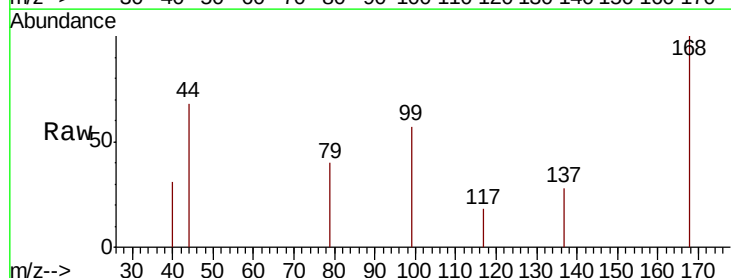
Tgt Ion: 117 Resp: 239

Ion Ratio Lower Upper

117 100

119 0.0 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

6.39

400

300

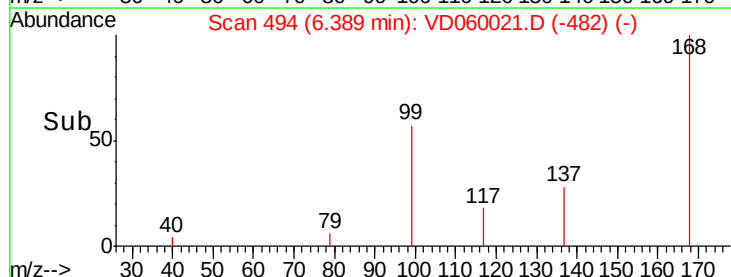
200

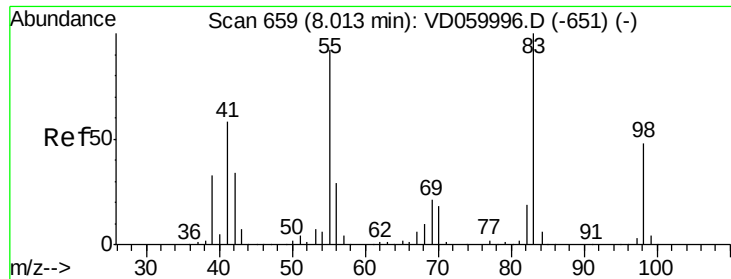
100

0

Time-->

6.36 6.38 6.40 6.42

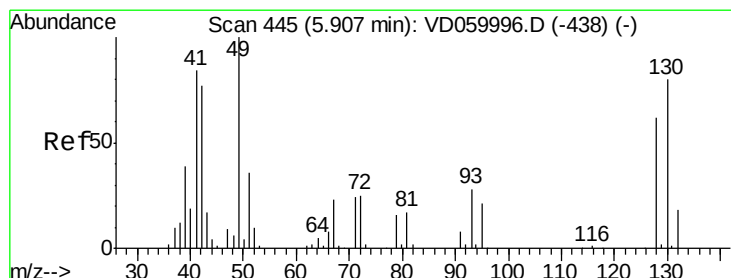
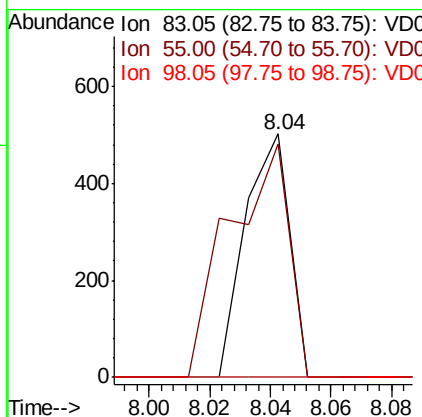
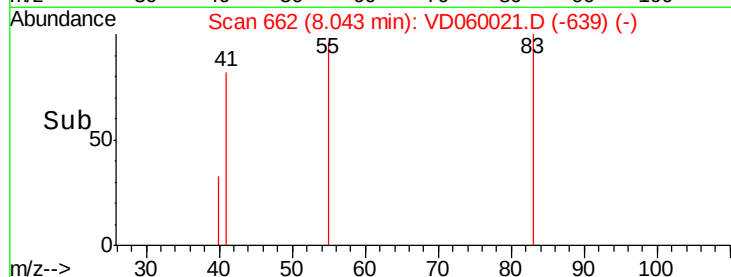
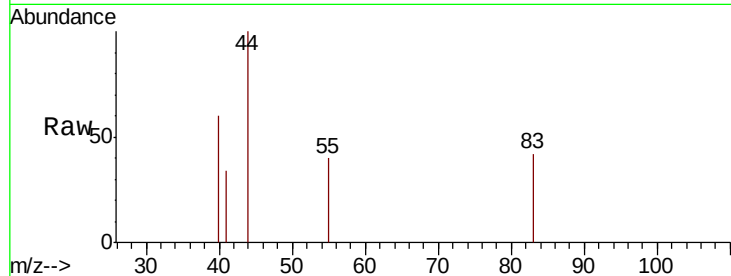




#39
Methylcyclohexane
Concen: 3.552 ug/l
RT: 8.04 min Scan# 662
Delta R.T. 0.03 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

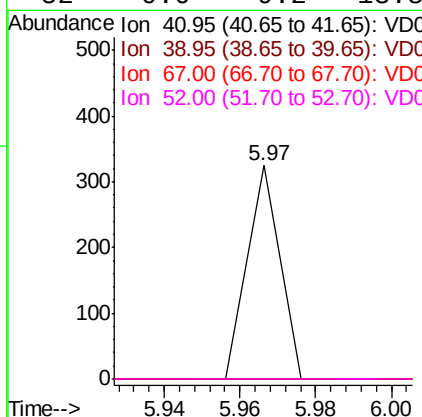
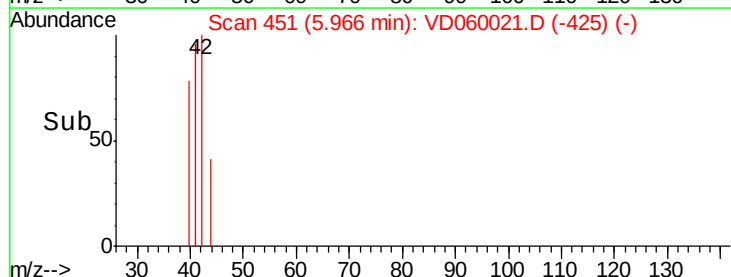
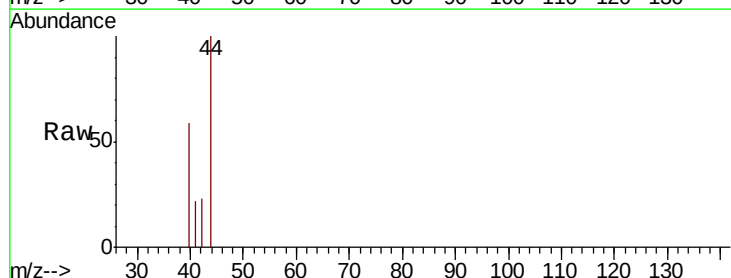
Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

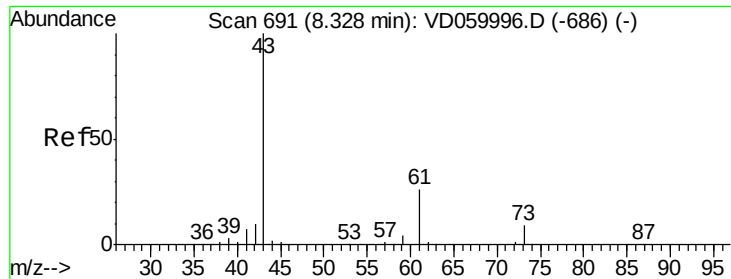
Tgt Ion: 83 Resp: 515
Ion Ratio Lower Upper
83 100
55 95.8 73.8 110.6
98 0.0 38.1 57.1#



#41
Methacrylonitrile
Concen: 4.159 ug/l
RT: 5.97 min Scan# 451
Delta R.T. 0.06 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Tgt Ion: 41 Resp: 192
Ion Ratio Lower Upper
41 100
39 0.0 37.5 56.3#
67 0.0 21.5 32.3#
52 0.0 9.2 13.8#

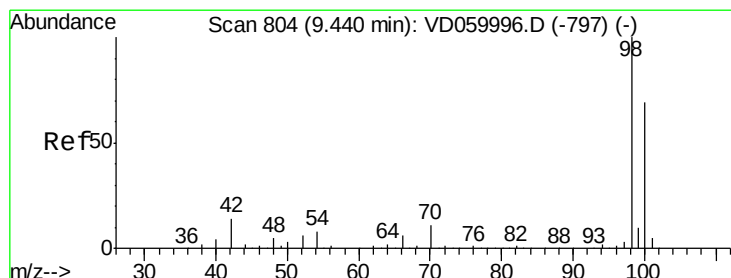
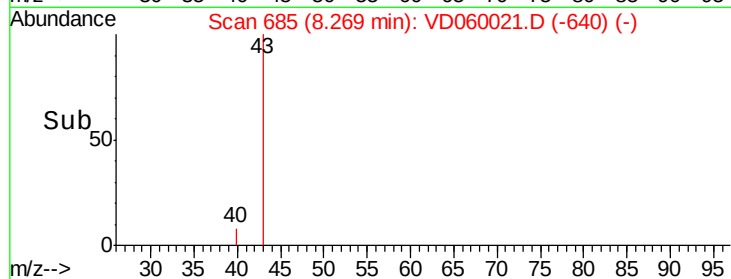
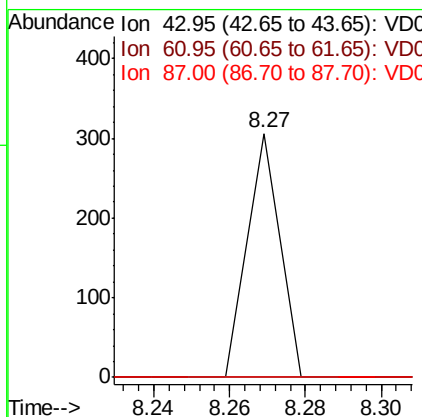
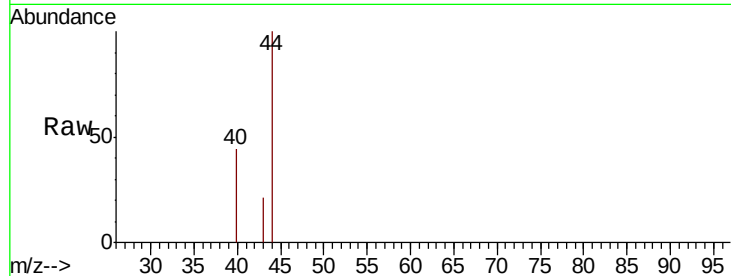




#43
Isopropyl Acetate
Concen: 1.534 ug/l
RT: 8.27 min Scan# 685
Delta R.T. -0.06 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

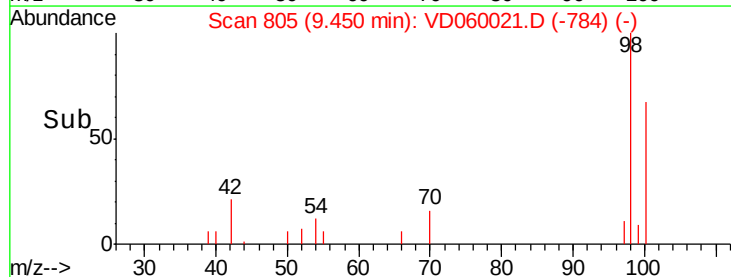
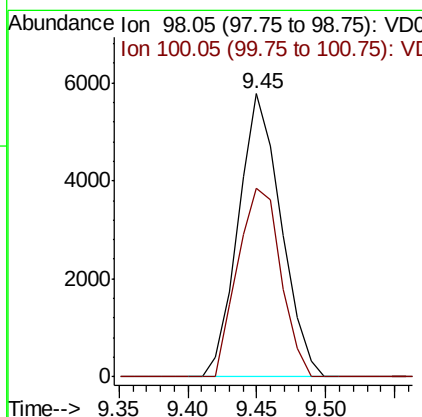
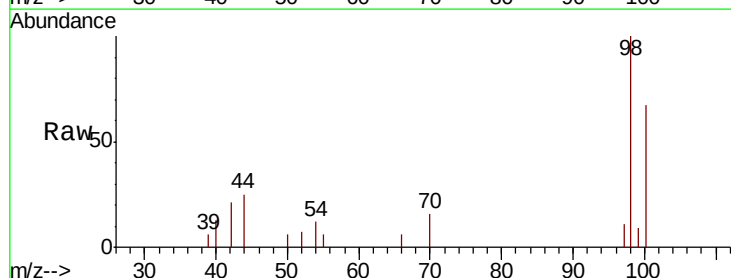
Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

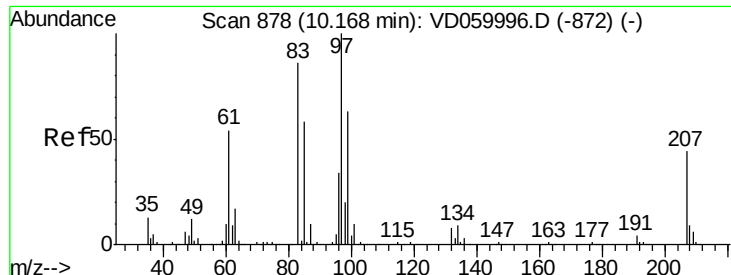
Tgt Ion: 43 Resp: 181
Ion Ratio Lower Upper
43 100
61 0.0 21.0 31.6#
87 0.0 0.2 0.2#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Tgt Ion: 98 Resp: 12475
Ion Ratio Lower Upper
98 100
100 66.7 55.8 83.6





#55

1,1,2-Trichloroethane

Concen: 3.109 ug/l

RT: 10.15 min Scan# 876

Delta R.T. -0.02 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

Tgt Ion: 97 Resp: 226

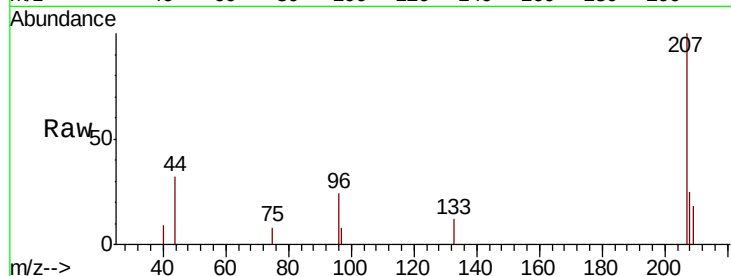
Ion Ratio Lower Upper

97 100

83 0.0 69.1 103.7#

85 0.0 46.2 69.4#

99 0.0 50.6 75.8#



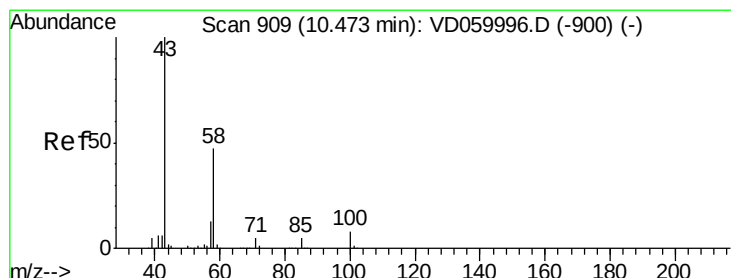
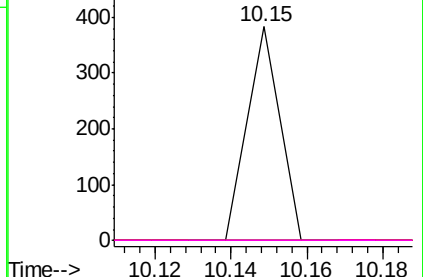
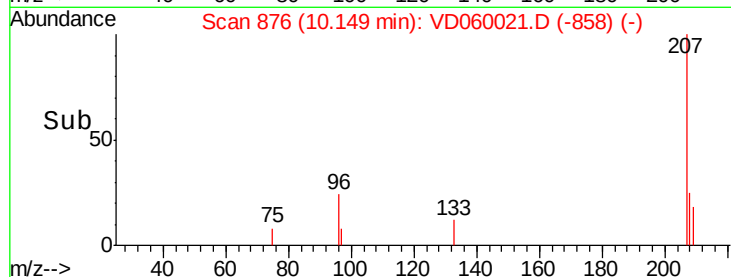
Abundance Ion 96.85 (96.55 to 97.55): VDC

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

Time-->



#59

2-Hexanone

Concen: 20.397 ug/l

RT: 10.44 min Scan# 906

Delta R.T. -0.03 min

Lab File: VD060021.D

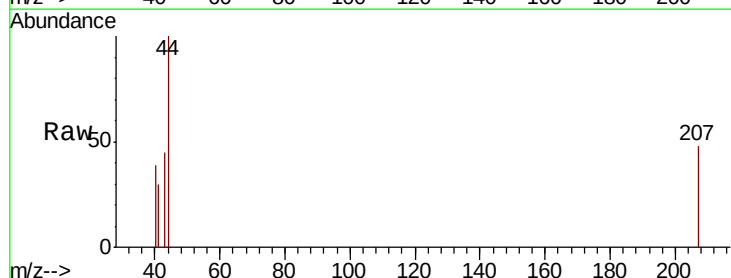
Acq: 17 Sep 2018 15:09

Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

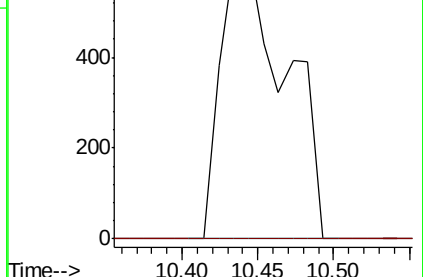
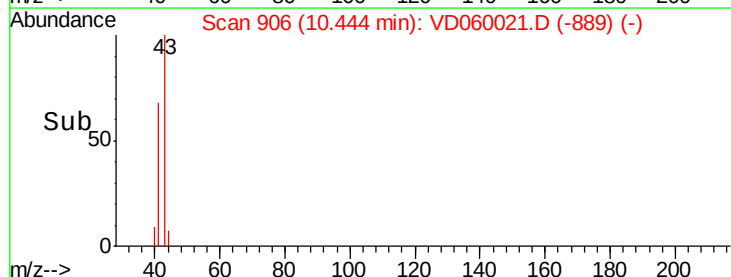
58 0.0 23.4 70.0#

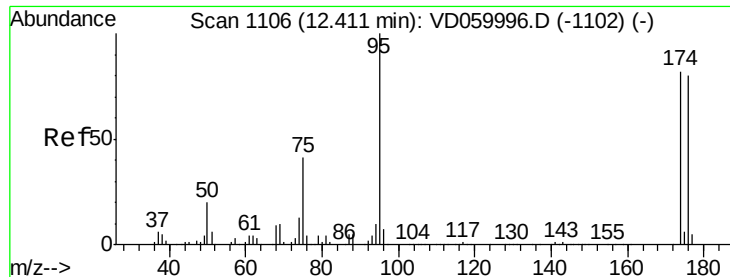


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

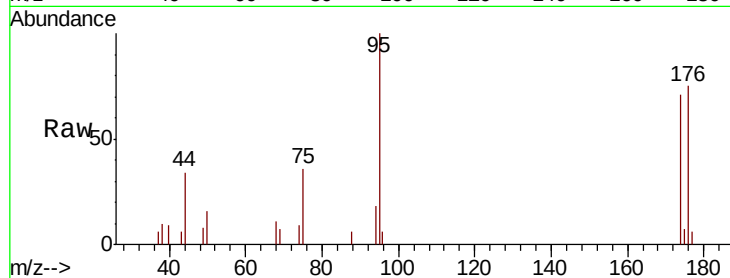
Tgt Ion: 95 Resp: 6805

Ion Ratio Lower Upper

95 100

174 70.6 0.0 165.0

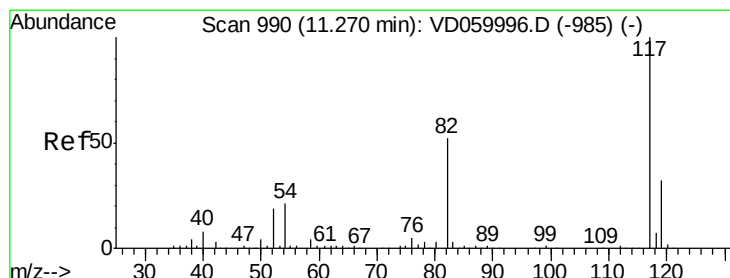
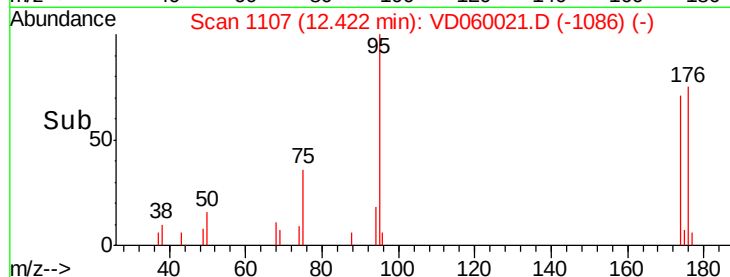
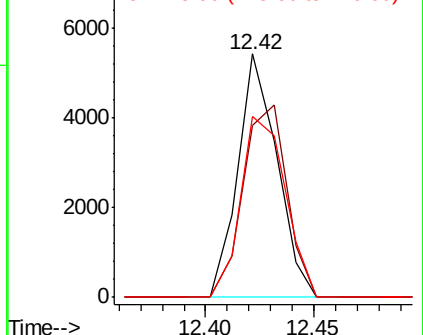
176 74.5 0.0 160.2



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: 50.000 ug/l

RT: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

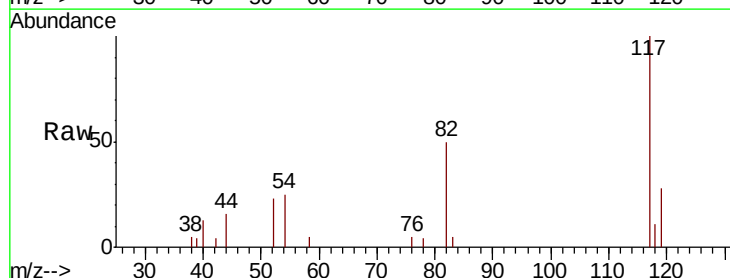
Tgt Ion: 117 Resp: 13277

Ion Ratio Lower Upper

117 100

82 49.7 41.7 62.5

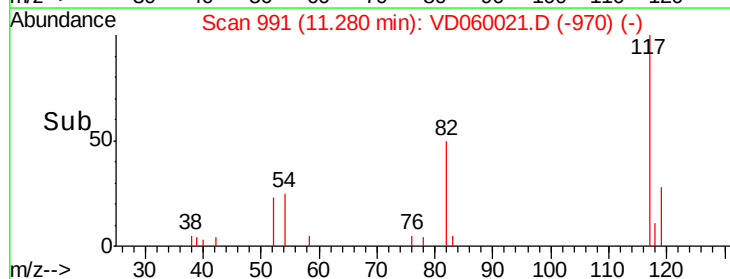
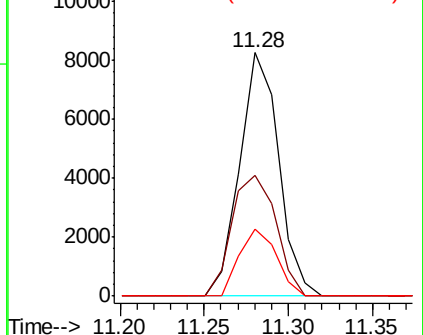
119 27.8 26.0 39.0

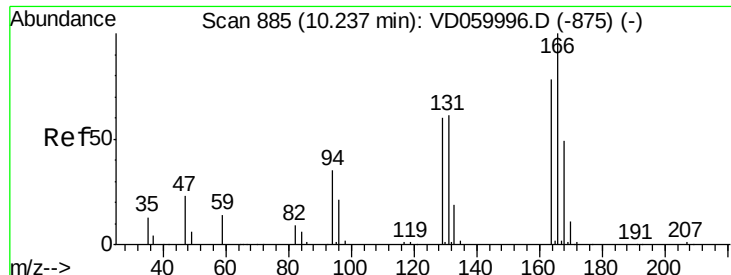


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 6.710 ug/l

RT: 10.19 min Scan# 880

Delta R.T. -0.05 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

Tgt Ion:164 Resp: 786

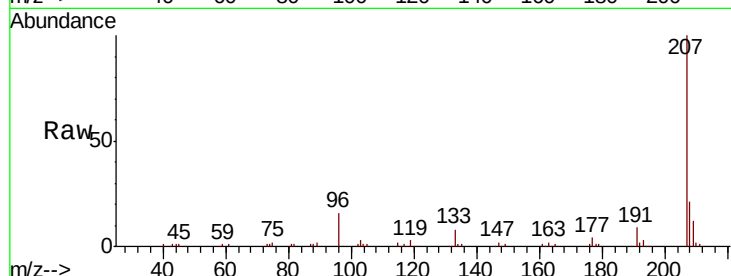
Ion Ratio Lower Upper

164 100

166 0.0 103.0 154.6#

129 0.0 61.9 92.9#

131 60.2 62.6 93.8#

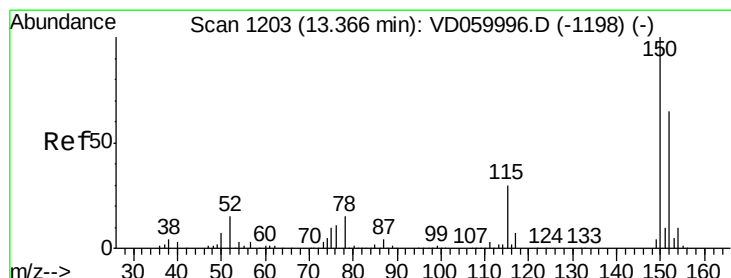
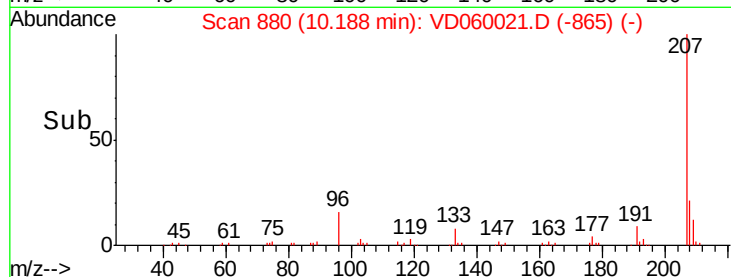
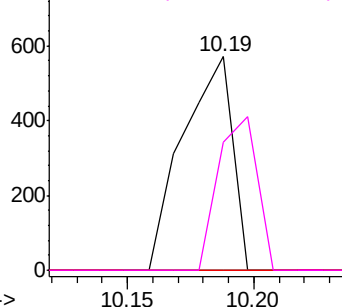


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1203

Delta R.T. 0.00 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

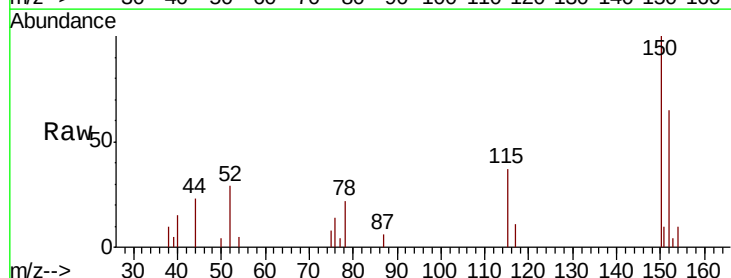
Tgt Ion:152 Resp: 7165

Ion Ratio Lower Upper

152 100

115 56.6 24.6 73.8

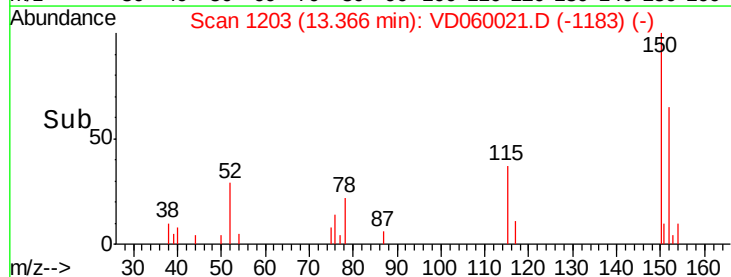
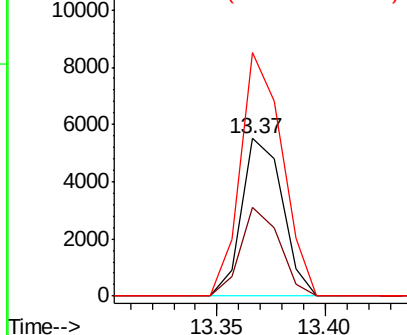
150 154.6 0.0 313.4

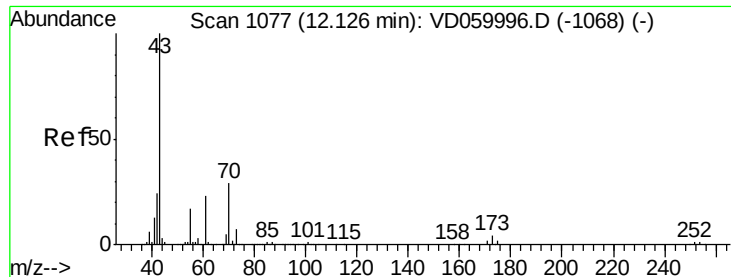


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 1.042 ug/l

RT: 12.14 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-PIT-3RE

Tgt Ion: 43 Resp: 194

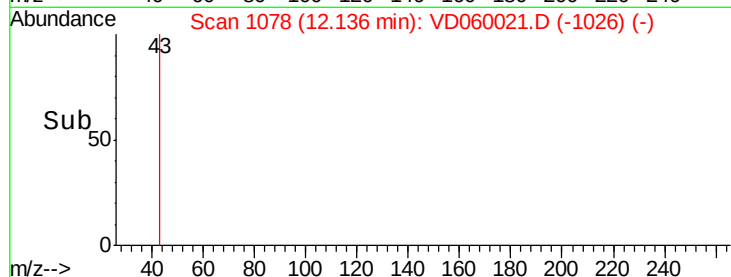
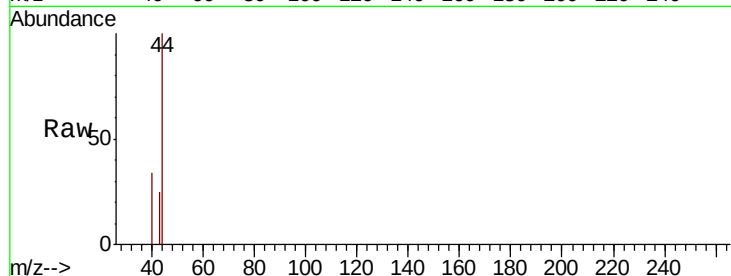
Ion Ratio Lower Upper

43 100

70 0.0 22.9 34.3#

55 0.0 14.0 21.0#

61 0.0 18.7 28.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

Time-->

12.12 12.13 12.14 12.15

300

200

100

0

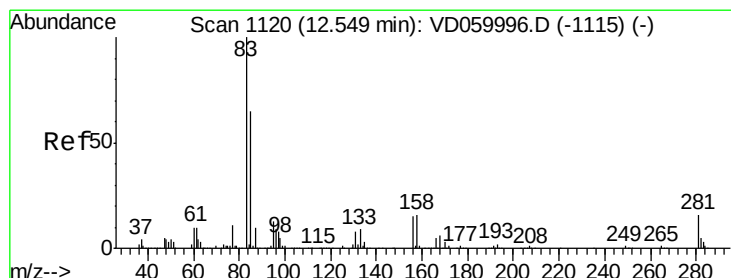
12.12 12.13 12.14 12.15

12.14

12.13

12.12

12.15



#75

1,1,2,2-Tetrachloroethane

Concen: 1.782 ug/l

RT: 12.59 min Scan# 1124

Delta R.T. 0.04 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

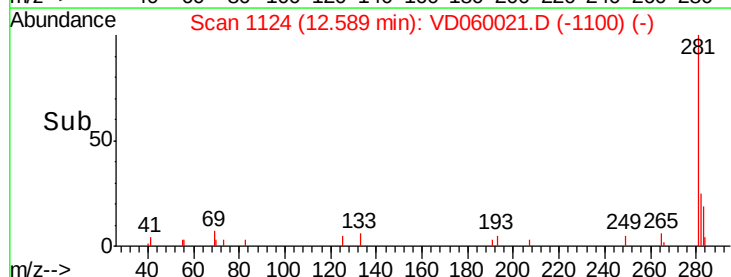
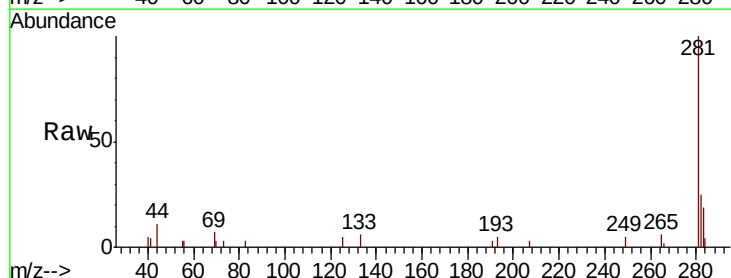
Tgt Ion: 83 Resp: 190

Ion Ratio Lower Upper

83 100

131 0.0 4.1 12.3#

85 0.0 32.4 97.2#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): V

Ion 84.95 (84.65 to 85.65): VDC

Time-->

12.56 12.58 12.60 12.62

300

200

100

0

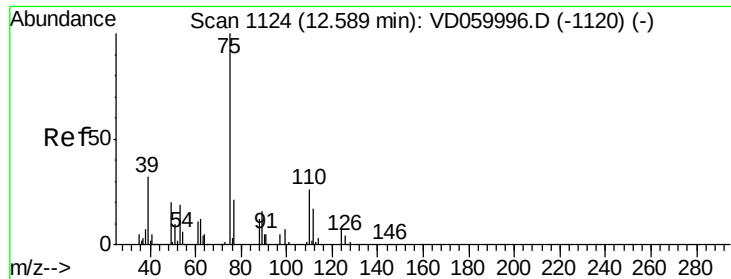
12.56 12.58 12.60 12.62

12.59

12.58

12.56

12.62



#76

1,2,3-Trichloropropane

Concen: 9.979 ug/l

RT: 12.56 min Scan# 1121

Delta R.T. -0.03 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

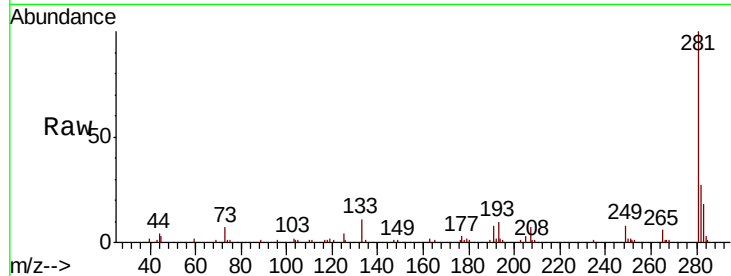
SP-PIT-3RE

Tgt Ion: 75 Resp: 1092

Ion Ratio Lower Upper

75 100

77 0.0 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.56

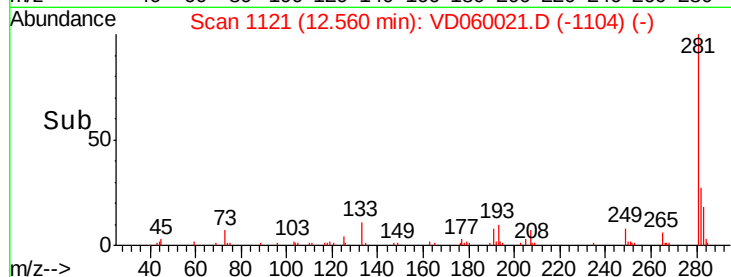
600

400

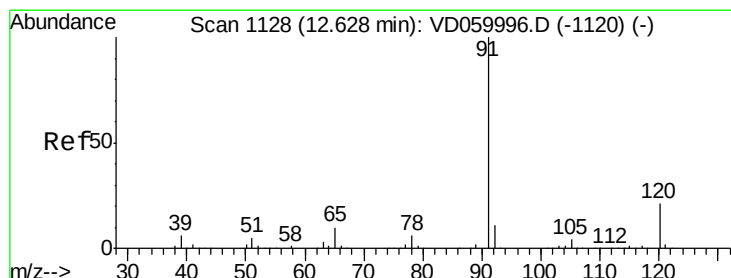
200

0

12.55 12.60



Time-->



#78

n-propylbenzene

Concen: 1.623 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060021.D

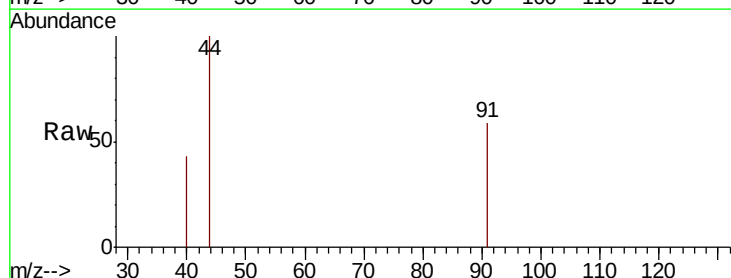
Acq: 17 Sep 2018 15:09

Tgt Ion: 91 Resp: 959

Ion Ratio Lower Upper

91 100

120 0.0 10.7 31.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

12.64

1000

800

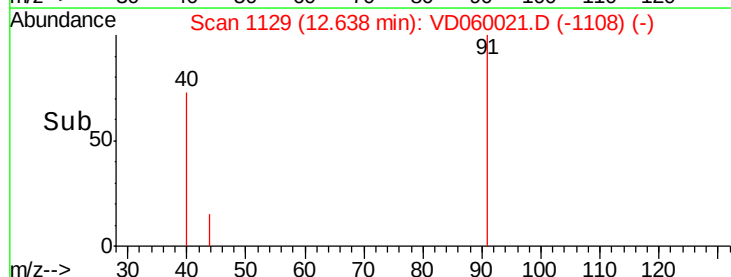
600

400

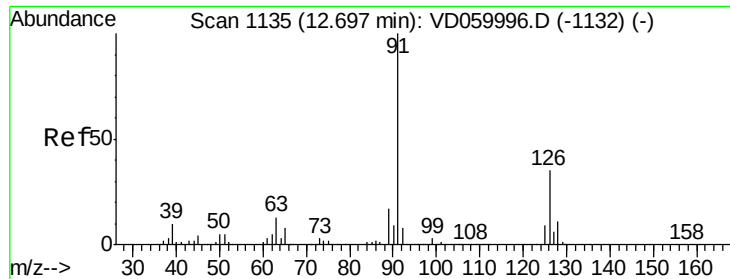
200

0

12.60 12.65



Time-->



#79

2-Chlorotoluene

Concen: 2.875 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.06 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

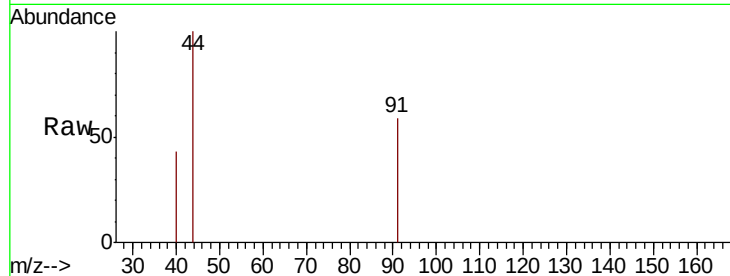
SP-PIT-3RE

Tgt Ion: 91 Resp: 959

Ion Ratio Lower Upper

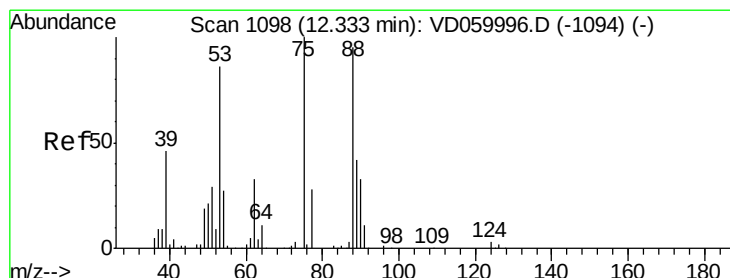
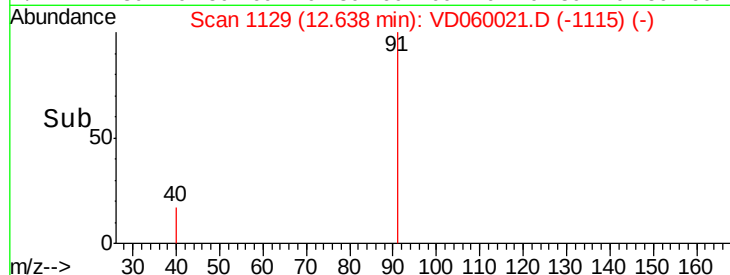
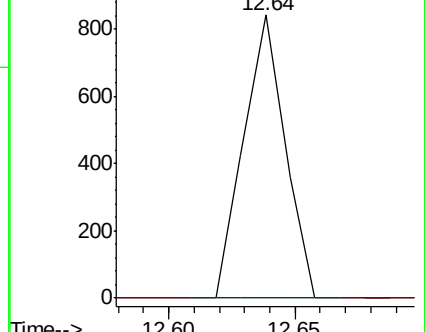
91 100

126 0.0 17.3 52.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC



#81

trans-1,4-Dichloro-2-butene

Concen: 59.940 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.09 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

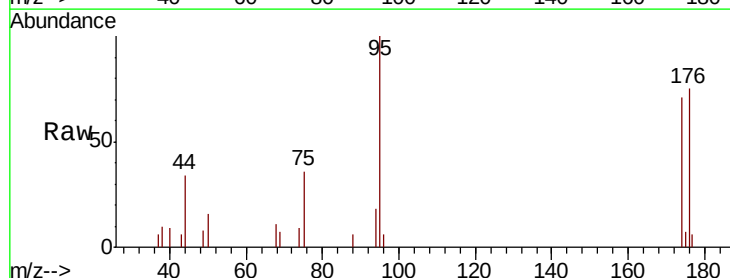
Tgt Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

53 0.0 68.4 102.6#

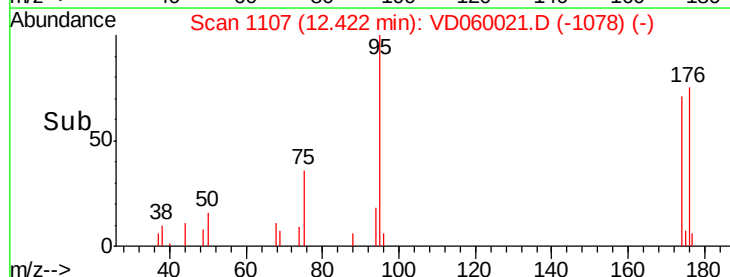
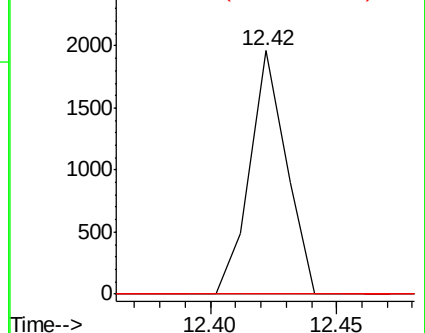
89 0.0 33.8 50.6#

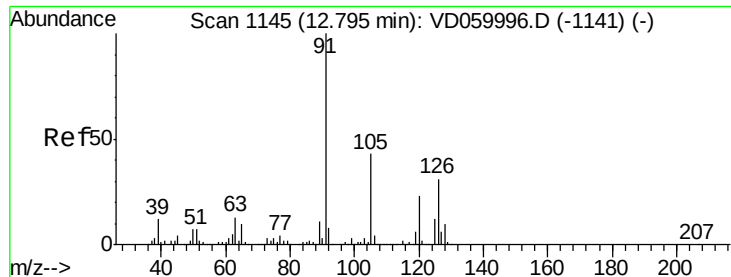


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82

4-Chlorotoluene

Concen: 2.615 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. -0.16 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

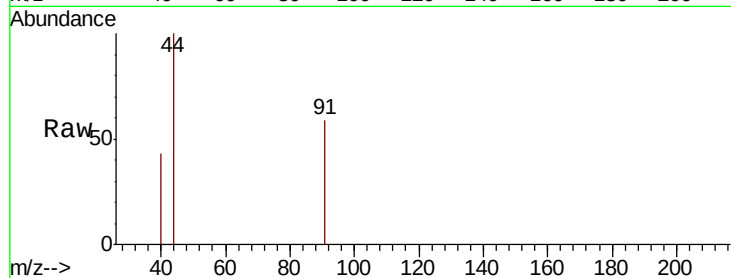
SP-PIT-3RE

Tgt Ion: 91 Resp: 959

Ion Ratio Lower Upper

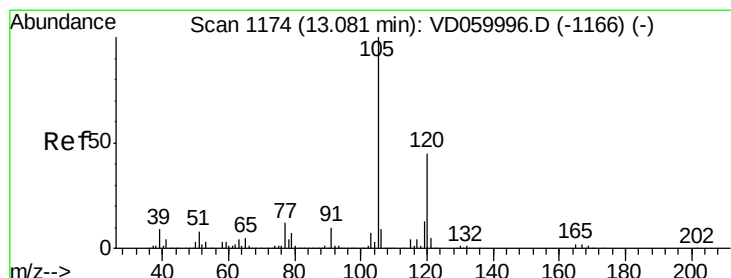
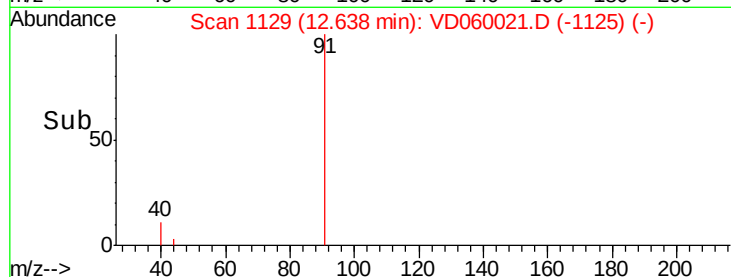
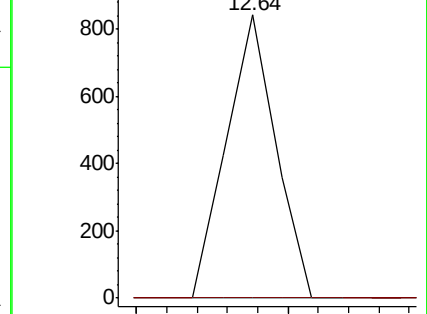
91 100

126 0.0 15.4 46.1#



Abundance Ion 91.00 (90.70 to 91.70): VD060021.D (-1125) (-)

Ion 125.95 (125.65 to 126.65): VD060021.D (-1125) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.876 ug/l

RT: 13.22 min Scan# 1188

Delta R.T. 0.14 min

Lab File: VD060021.D

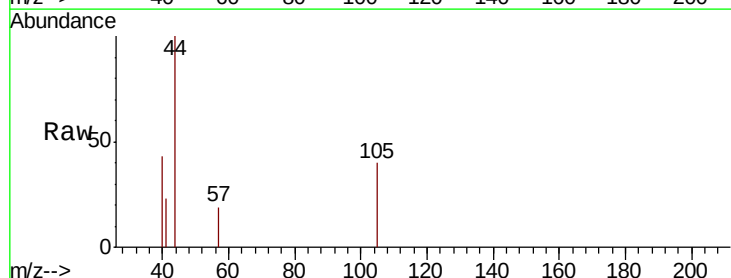
Acq: 17 Sep 2018 15:09

Tgt Ion: 105 Resp: 721

Ion Ratio Lower Upper

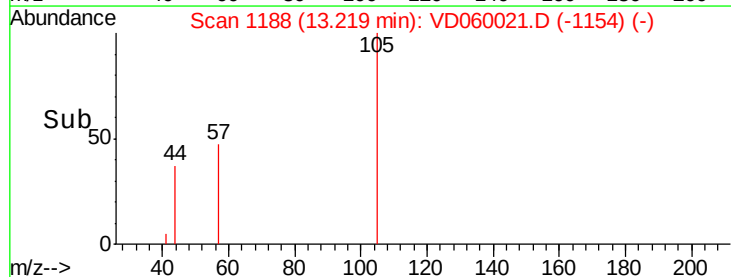
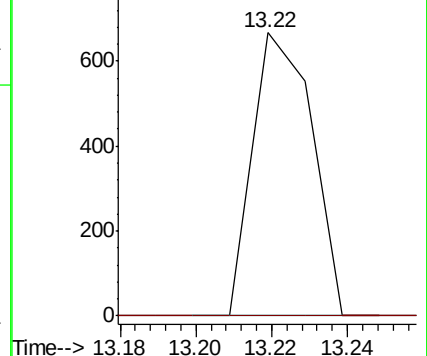
105 100

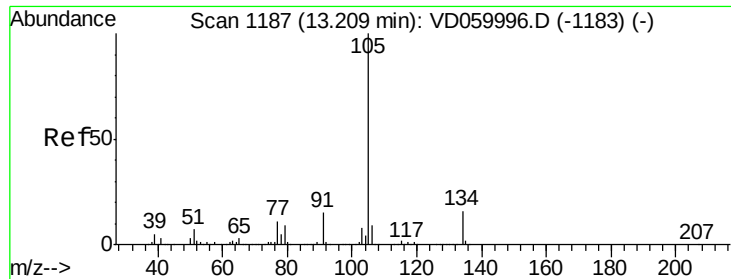
120 0.0 22.4 67.0#



Abundance Ion 105.05 (104.75 to 105.75): VD060021.D (-1154) (-)

Ion 120.05 (119.75 to 120.75): VD060021.D (-1154) (-)





#85

sec-Butylbenzene

Concen: 1.456 ug/l

RT: 13.22 min Scan# 1188

Delta R.T. 0.01 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

Instrument :

MSVOA_D

ClientSampleId :

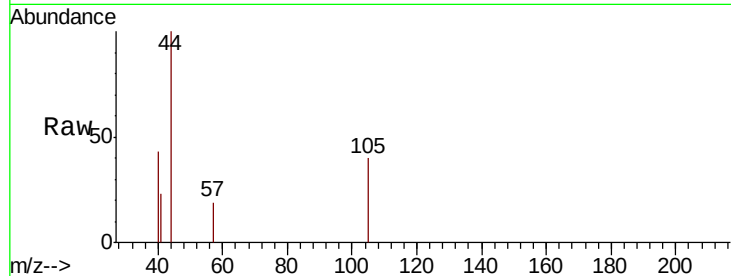
SP-PIT-3RE

Tgt Ion:105 Resp: 721

Ion Ratio Lower Upper

105 100

134 0.0 8.2 24.6#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

13.22

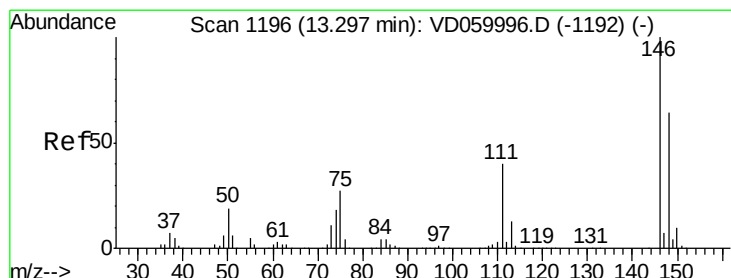
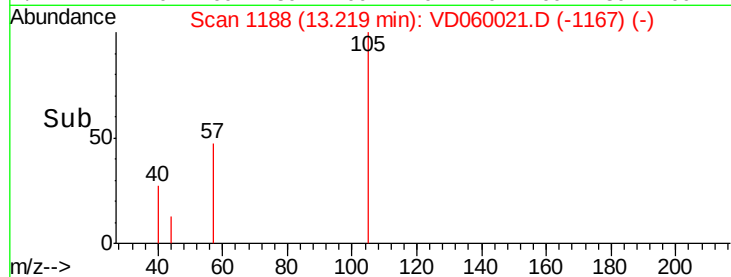
600

400

200

0

Time-->



#87

1,3-Dichlorobenzene

Concen: 1.003 ug/l

RT: 13.39 min Scan# 1205

Delta R.T. 0.09 min

Lab File: VD060021.D

Acq: 17 Sep 2018 15:09

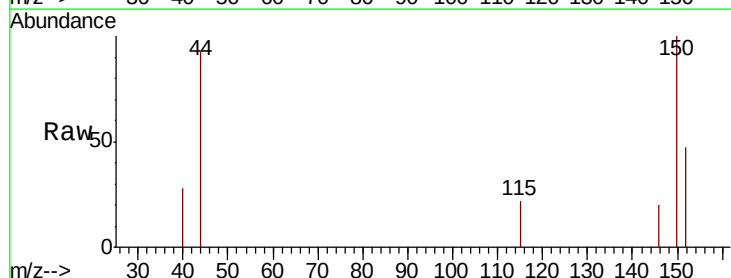
Tgt Ion:146 Resp: 236

Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.5#

148 0.0 32.0 96.2#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

500

400

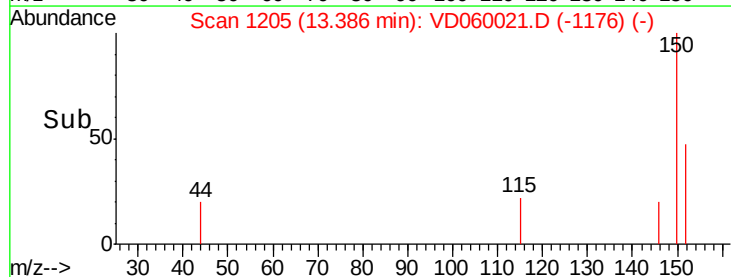
300

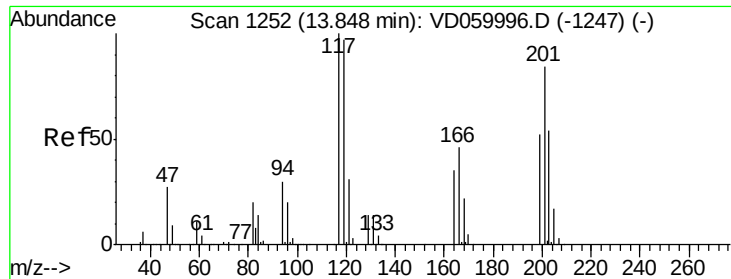
200

100

0

Time-->

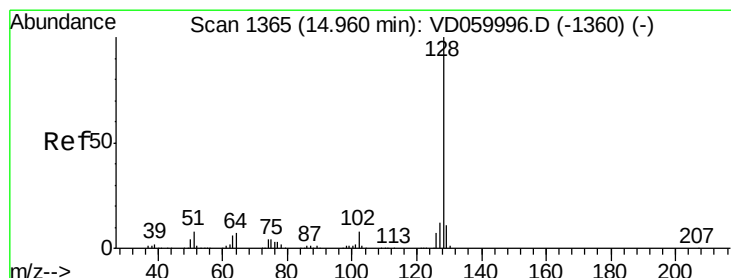
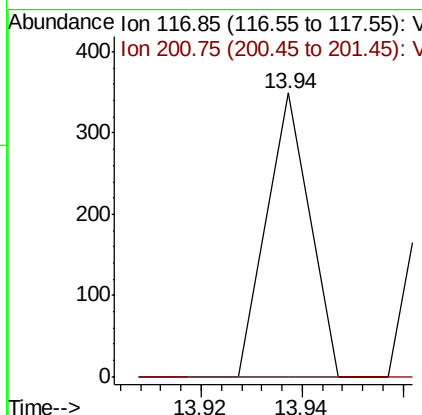
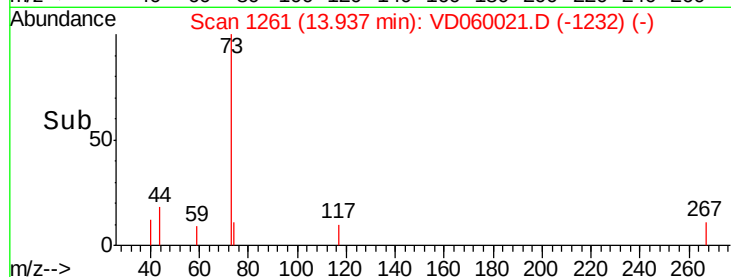
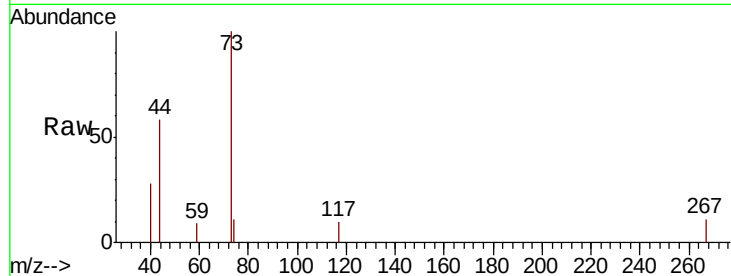




#90
Hexachloroethane
Concen: 2.076 ug/l
RT: 13.94 min Scan# 1261
Delta R.T. 0.09 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Instrument :
MSVOA_D
ClientSampleId :
SP-PIT-3RE

Tgt Ion:117 Resp: 206
Ion Ratio Lower Upper
117 100
201 0.0 42.1 126.4#



#95
Naphthalene
Concen: 6.748 ug/l
RT: 14.96 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VD060021.D
Acq: 17 Sep 2018 15:09

Tgt Ion:128 Resp: 1748
Ion Ratio Lower Upper
128 100
127 0.0 9.7 14.5#
129 0.0 8.9 13.3#

