

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061319\
 Data File : VD062696.D
 Acq On : 13 Jun 2019 16:27
 Operator : VA/AP
 Sample : K3369-08
 Misc : 5.99g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 Z-3-SOIL-2

Quant Time: Jun 14 06:47:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	11904	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	17696	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	17717	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	9615	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	7678	44.70	ug/l	0.03
Spiked Amount			Recovery	=	89.40%	
35) Dibromofluoromethane	6.95	113	5438	29.14	ug/l	0.03
Spiked Amount			Recovery	=	58.28%	
50) Toluene-d8	10.42	98	12343	31.44	ug/l	0.00
Spiked Amount			Recovery	=	62.88%	
62) 4-Bromofluorobenzene	13.56	95	8924	48.72	ug/l	0.00
Spiked Amount			Recovery	=	97.44%	

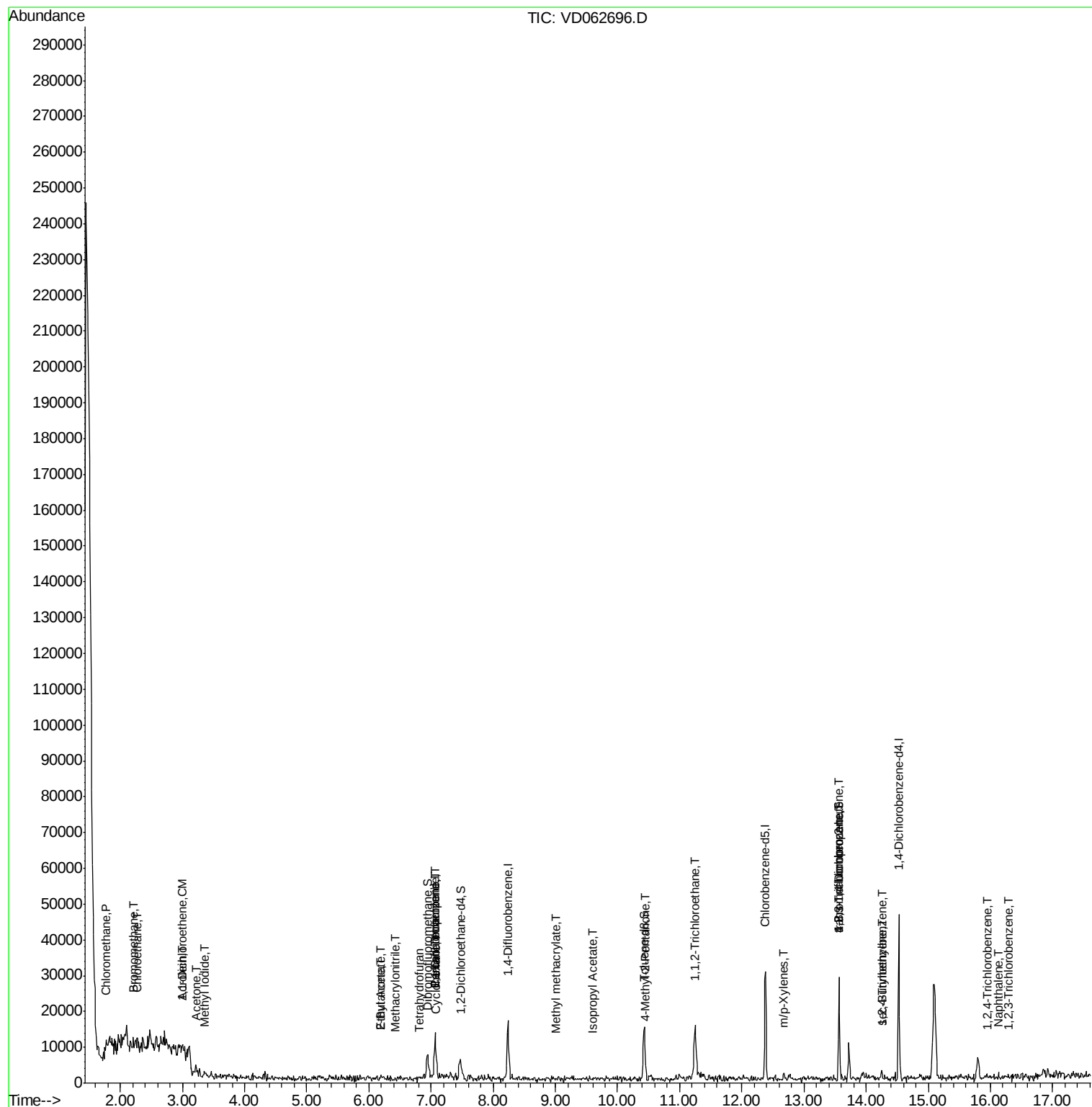
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.77	50	762	6.469	ug/l #	42
5) Bromomethane	2.21	94	2641	43.077	ug/l #	35
6) Chloroethane	2.28	64	227	3.786	ug/l #	1
10) Methyl Iodide	3.35	142	1205	9.217	ug/l #	24
12) 1,1-Dichloroethene	2.99	96	268	2.547	ug/l #	1
13) Acrolein	2.99	56	199	87.618	ug/l #	37
16) Acetone	3.23	43	3501	111.304	ug/l #	66
25) 2-Butanone	6.20	43	192	6.257	ug/l #	61
29) Tetrahydrofuran	6.82	42	269	19.466	ug/l #	33
31) Cyclohexane	7.09	56	222	1.638	ug/l #	13
36) 1,1-Dichloropropene	7.06	75	601	2.967	ug/l #	44
37) Ethyl Acetate	6.20	43	192	3.371	ug/l #	74
38) Carbon Tetrachloride	7.07	117	809	2.527	ug/l #	14
41) Methacrylonitrile	6.42	41	212	2.000	ug/l #	34
43) Isopropyl Acetate	9.58	43	182	1.703	ug/l #	52
48) Methyl methacrylate	9.01	41	203	2.629	ug/l #	19
51) 4-Methyl-2-Pentanone	10.46	43	233	3.116	ug/l #	42
55) 1,1,2-Trichloroethane	11.26	97	202	2.216	ug/l #	17
68) m/p-Xylenes	12.68	106	496	2.031	ug/l #	38
76) 1,2,3-Trichloropropane	13.56	75	3351	25.704	ug/l #	42
81) trans-1,4-Dichloro-2-buten	13.56	75	4346	107.548	ug/l #	1
84) 1,2,4-Trimethylbenzene	14.25	105	1166	1.966	ug/l	92
85) sec-Butylbenzene	14.25	105	1166	1.683	ug/l #	60
93) 1,2,4-Trichlorobenzene	15.95	180	258	4.536	ug/l #	11
95) Naphthalene	16.13	128	901	5.854	ug/l #	62
96) 1,2,3-Trichlorobenzene	16.28	180	184	1.095	ug/l #	12

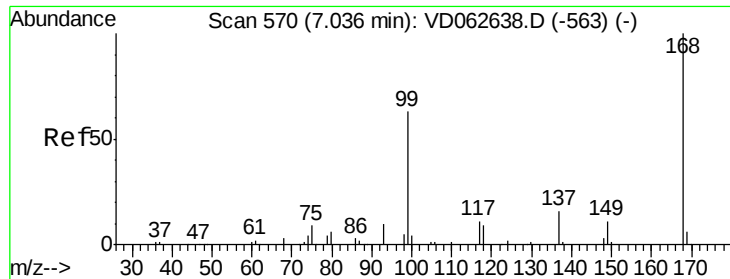
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061319\
Data File : VD062696.D
Acq On : 13 Jun 2019 16:27
Operator : VA/AP
Sample : K3369-08
Misc : 5.99g/5ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
Z-3-SOIL-2

Quant Time: Jun 14 06:47:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.03 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

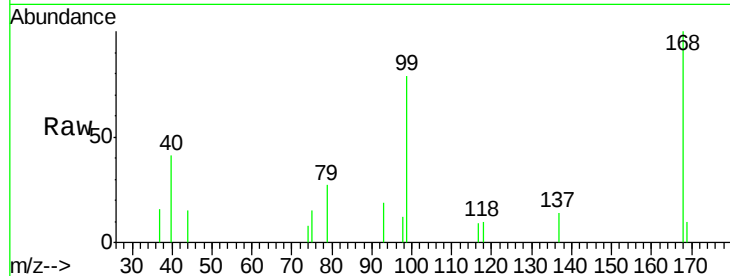
Z-3-SOIL-2

Tot Ion:168 Resp: 11904

Ion Ratio Lower Upper

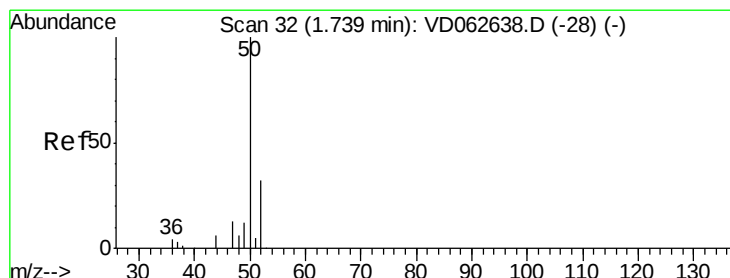
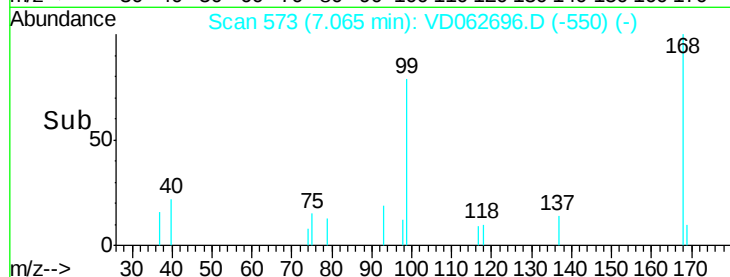
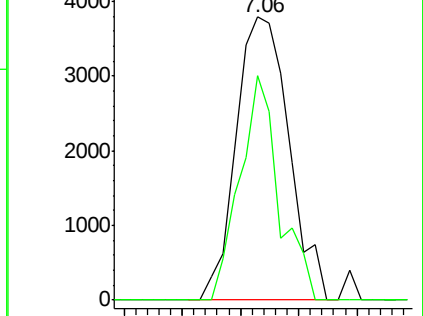
168 100

99 79.2 51.4 77.2#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 6.469 ug/l

RT: 1.77 min Scan# 35

Delta R.T. 0.03 min

Lab File: VD062696.D

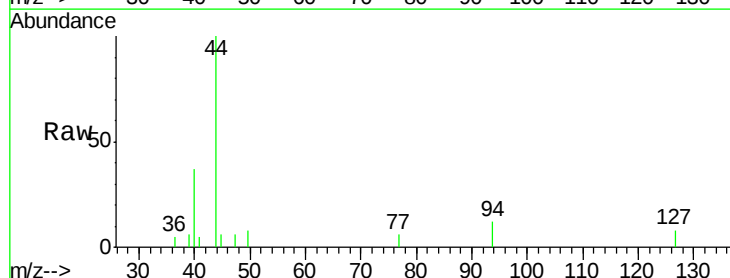
Acq: 13 Jun 2019 16:27

Tgt Ion: 50 Resp: 762

Ion Ratio Lower Upper

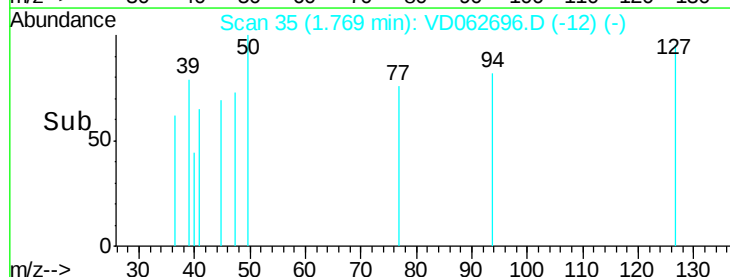
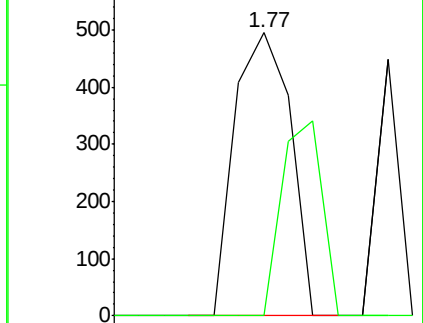
50 100

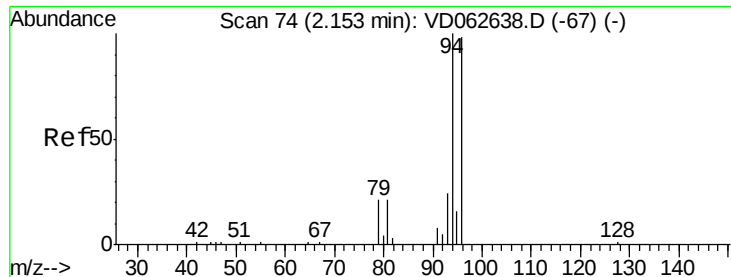
52 0.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Bromomethane

Concen: 43.077 ug/l

RT: 2.21 min Scan# 80

Delta R.T. 0.06 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

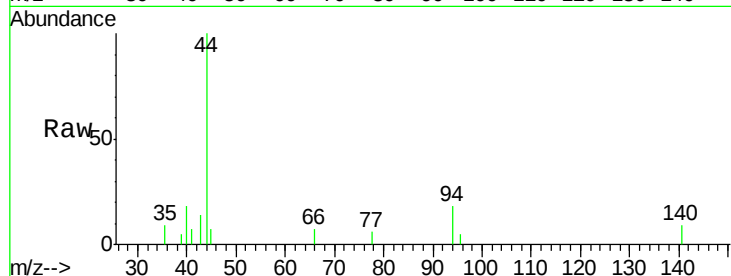
Tot Ion: 94 Resp: 2641

Ion Ratio Lower Upper

94 100

96 30.1 78.1 117.1#

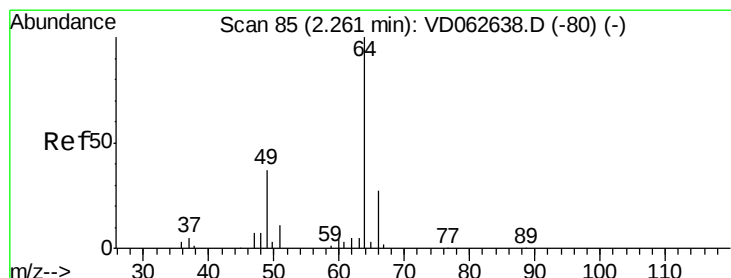
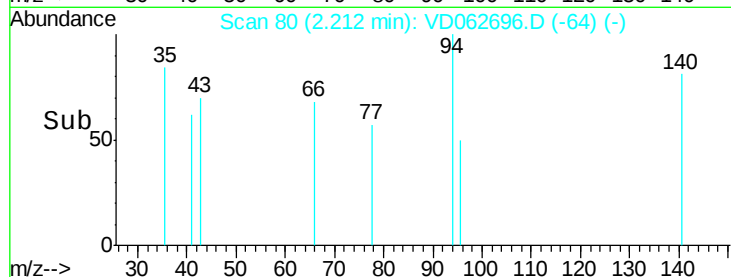
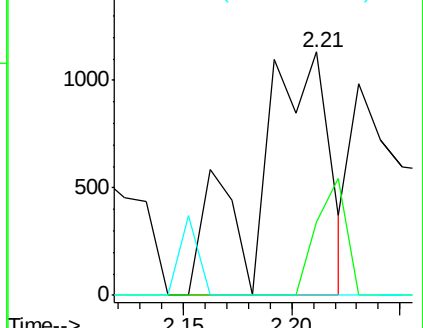
93 0.0 19.6 29.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 3.786 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.02 min

Lab File: VD062696.D

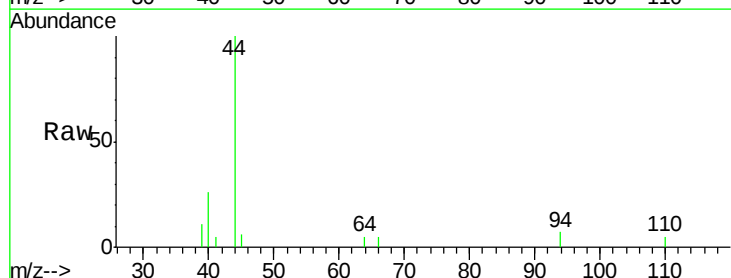
Acq: 13 Jun 2019 16:27

Tgt Ion: 64 Resp: 227

Ion Ratio Lower Upper

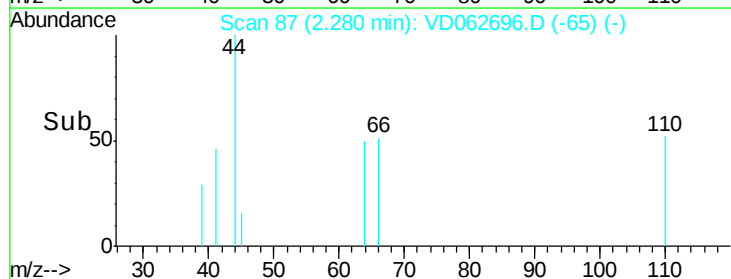
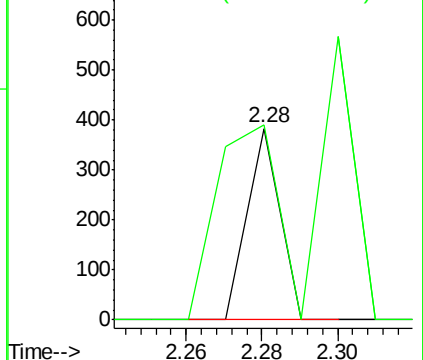
64 100

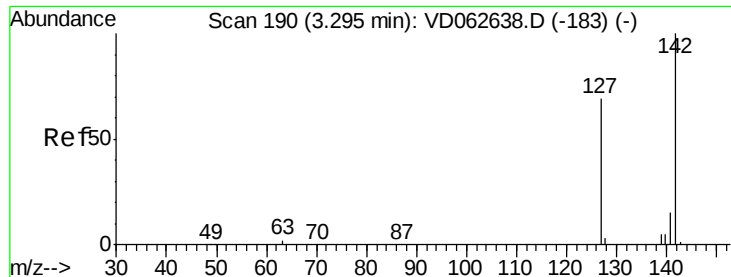
66 101.6 21.9 32.9#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

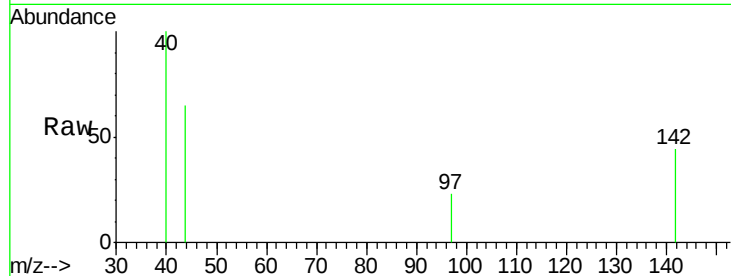




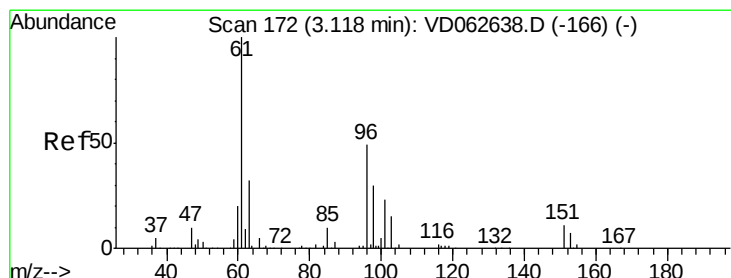
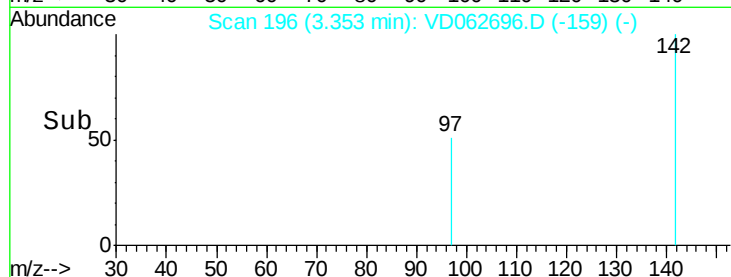
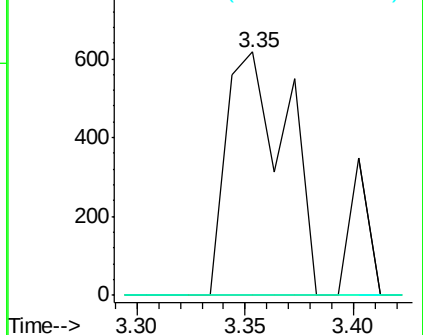
#10
Methvl Iodide
Concen: 9.217 ug/l
RT: 3.35 min Scan# 196
Delta R.T. 0.06 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-2

Tot Ion:142 Resp: 1205
Ion Ratio Lower Upper
142 100
127 0.0 55.2 82.8#
141 0.0 12.1 18.1#

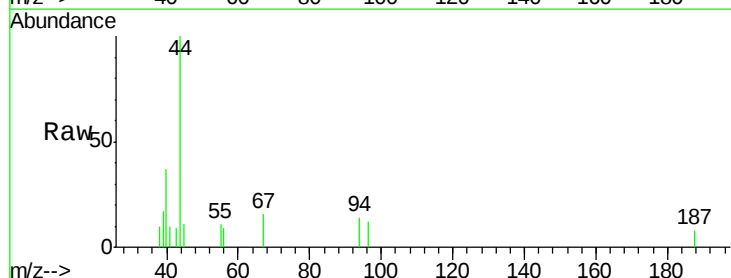


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

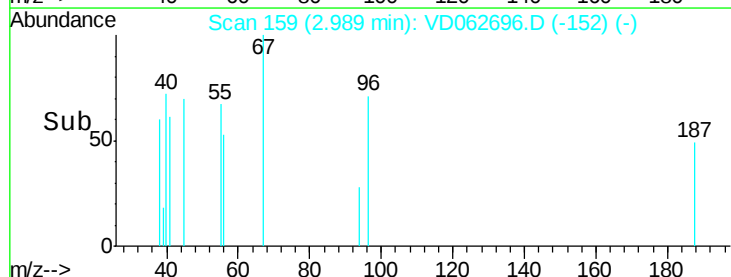
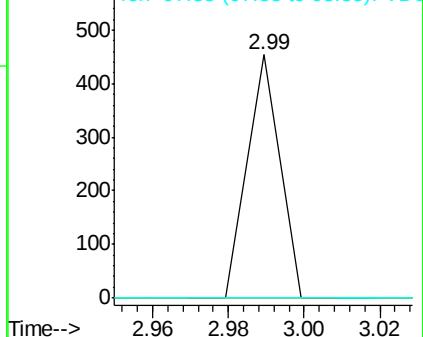


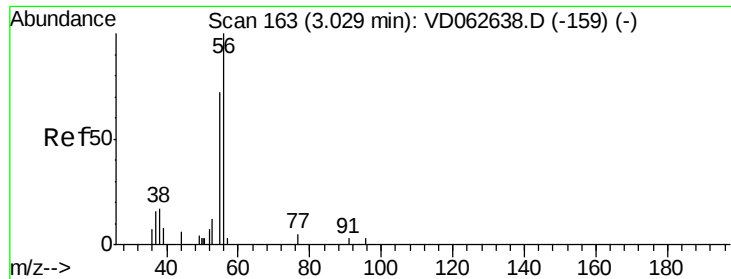
#12
1,1-Dichloroethene
Concen: 2.547 ug/l
RT: 2.99 min Scan# 159
Delta R.T. -0.13 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Tgt Ion: 96 Resp: 268
Ion Ratio Lower Upper
96 100
61 0.0 161.8 242.8#
98 0.0 48.2 72.4#



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 87.618 ug/l

RT: 2.99 min Scan# 159

Delta R.T. -0.04 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

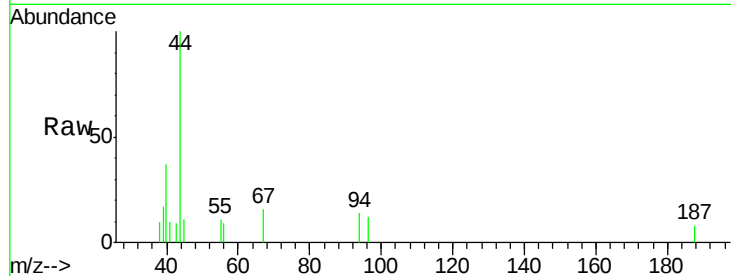
Z-3-SOIL-2

Tot Ion: 56 Resp: 199

Ion Ratio Lower Upper

56 100

55 127.3 59.4 89.0#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

800

600

400

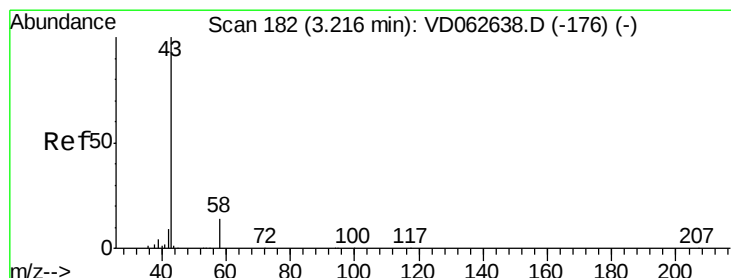
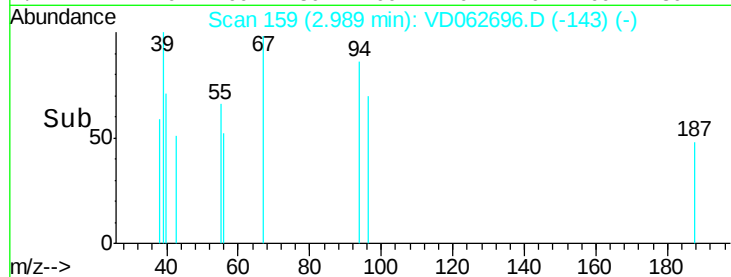
200

0

2.96 2.98 3.00 3.02

2.99

Time-->



#16

Acetone

Concen: 111.304 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062696.D

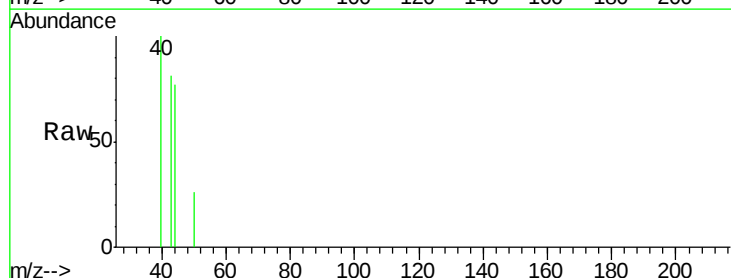
Acq: 13 Jun 2019 16:27

Tgt Ion: 43 Resp: 3501

Ion Ratio Lower Upper

43 100

58 0.0 10.8 16.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

1200

1000

800

600

400

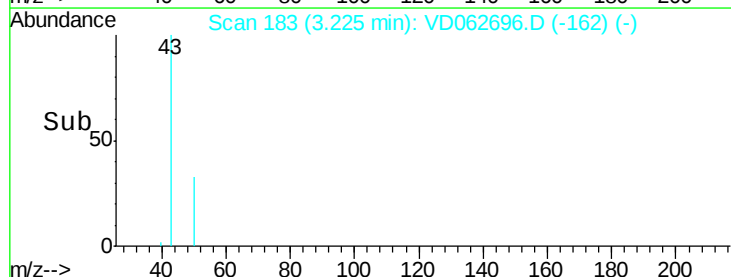
200

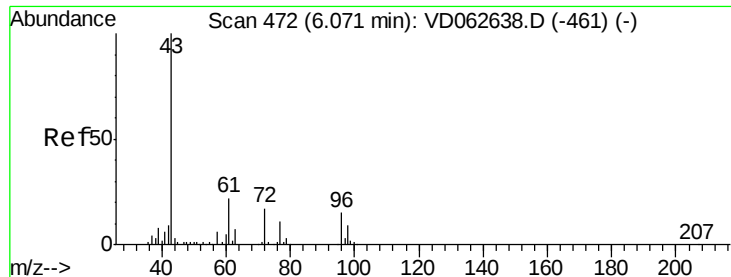
0

3.15 3.20 3.25 3.30

3.23

Time-->

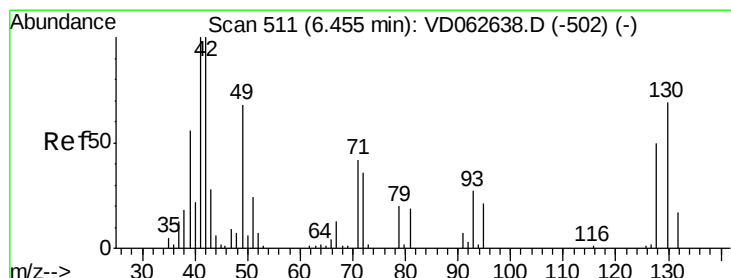
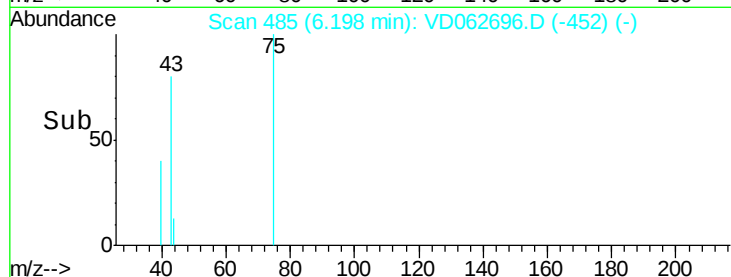
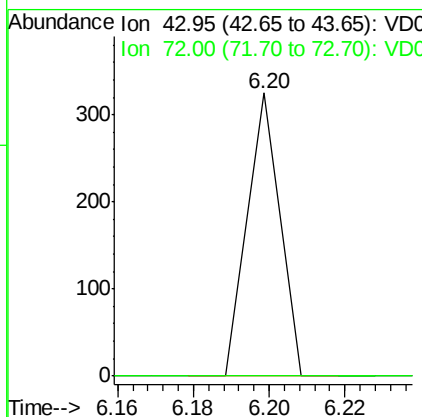
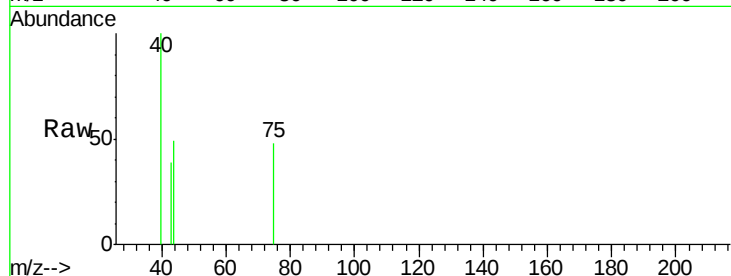




#25
2-Butanone
Concen: 6.257 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.13 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

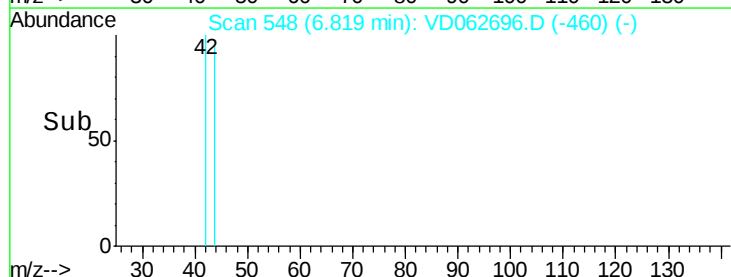
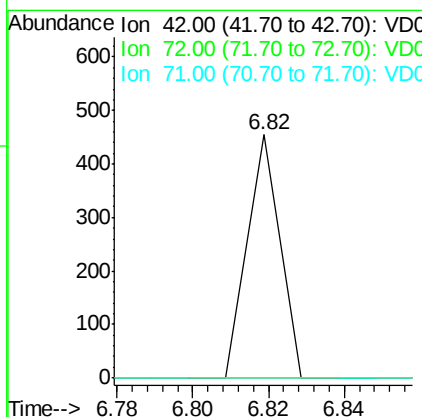
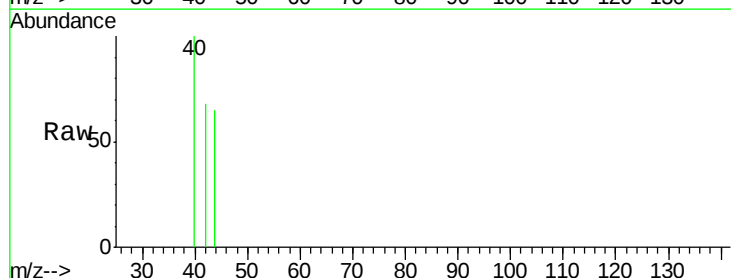
Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-2

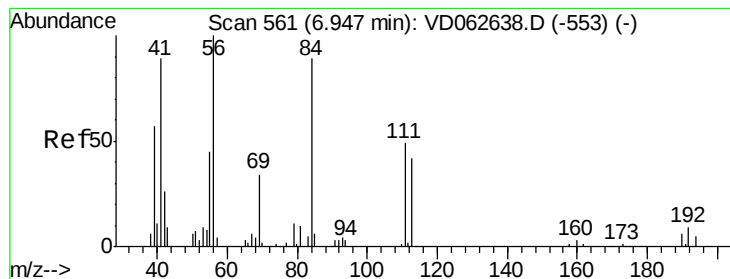
Tot Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
72 0.0 13.5 20.3#



#29
Tetrahydrofuran
Concen: 19.466 ug/l
RT: 6.82 min Scan# 548
Delta R.T. 0.36 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Tgt Ion: 42 Resp: 269
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.6#
71 0.0 34.2 51.4#





#31

Cvclohexane

Concen: 1.638 ug/l

RT: 7.09 min Scan# 576

Delta R.T. 0.15 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

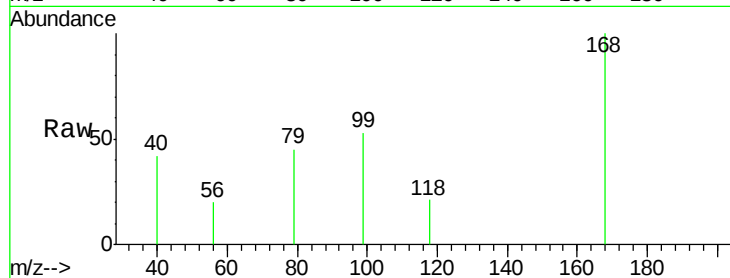
Tot Ion: 56 Resp: 222

Ion Ratio Lower Upper

56 100

69 0.0 26.8 40.2#

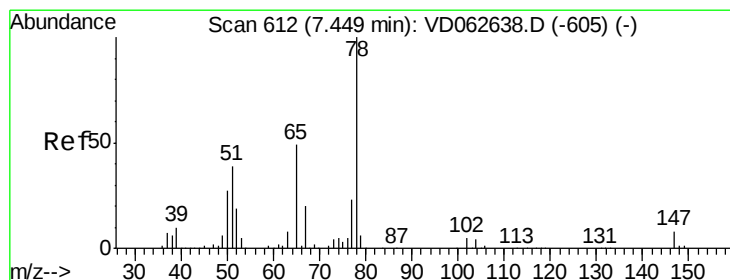
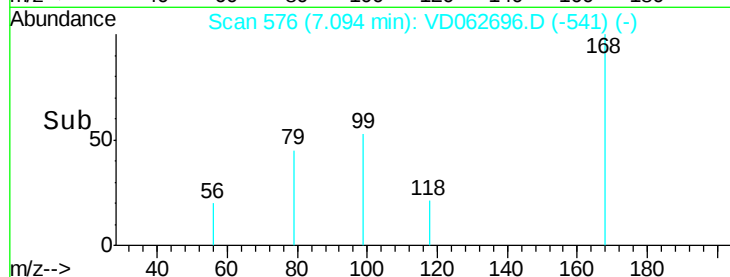
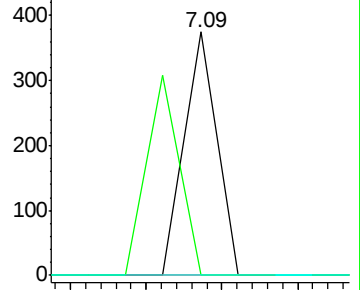
84 0.0 73.9 110.9#



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: 44.698 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD062696.D

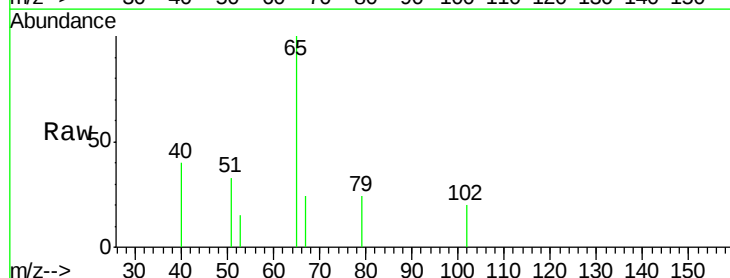
Acq: 13 Jun 2019 16:27

Tgt Ion: 65 Resp: 7678

Ion Ratio Lower Upper

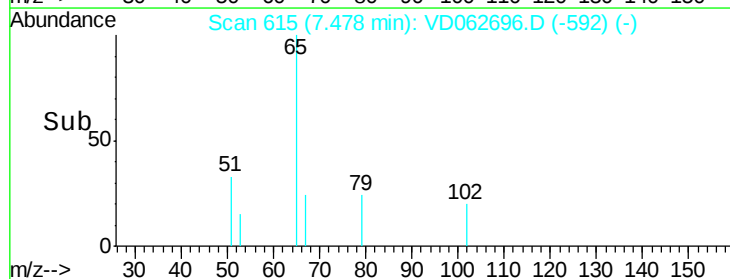
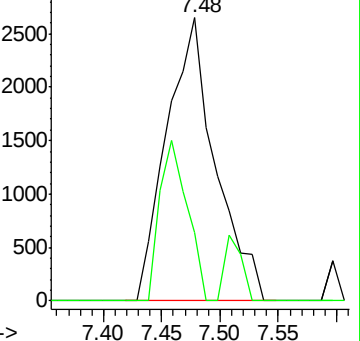
65 100

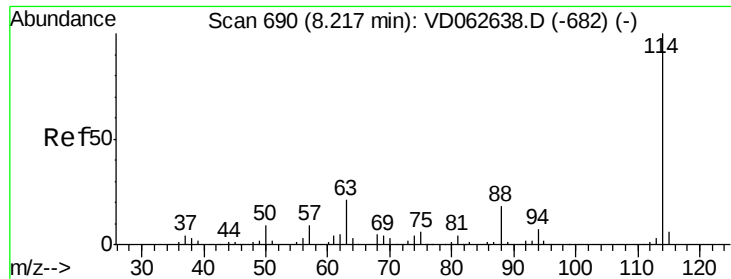
67 24.3 0.0 81.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

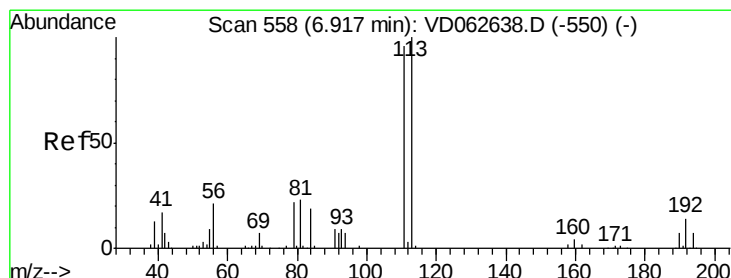
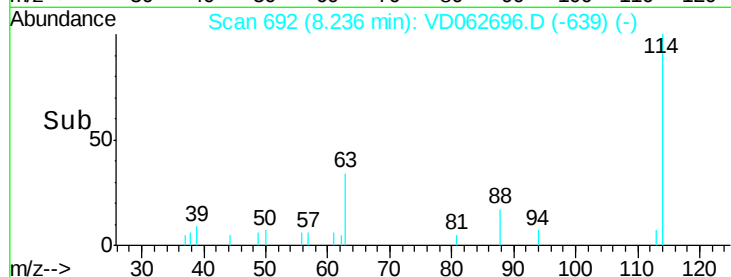
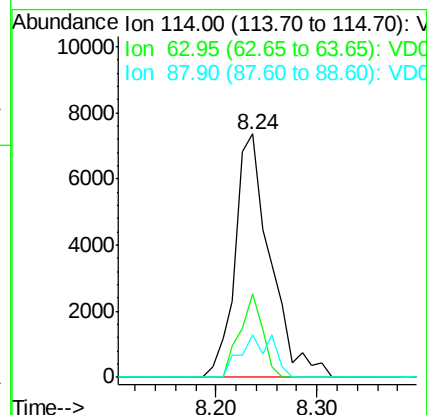
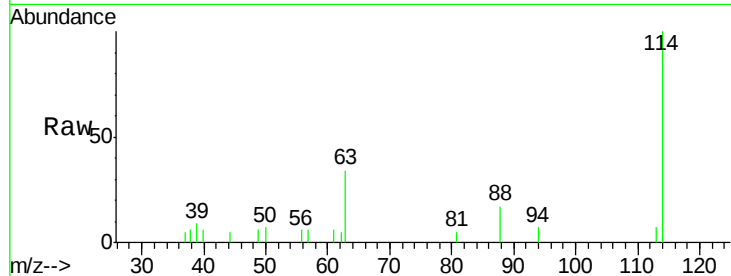




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

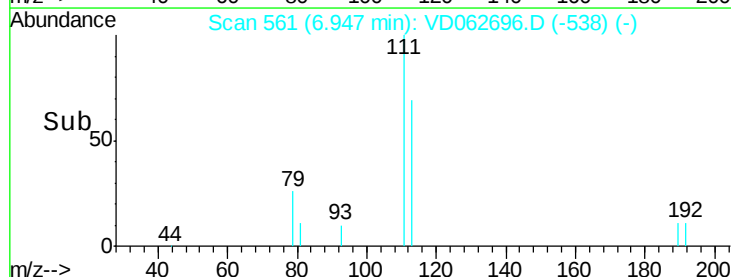
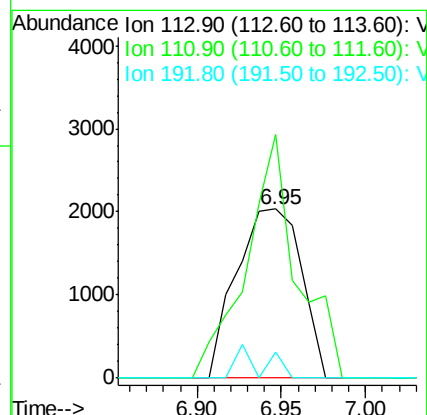
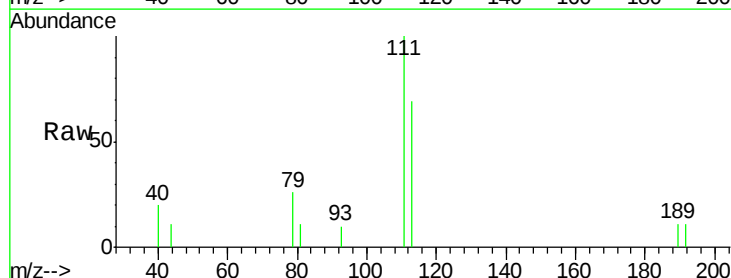
Instrument :
 MSVOA_D
 ClientSampleId :
 Z-3-SOIL-2

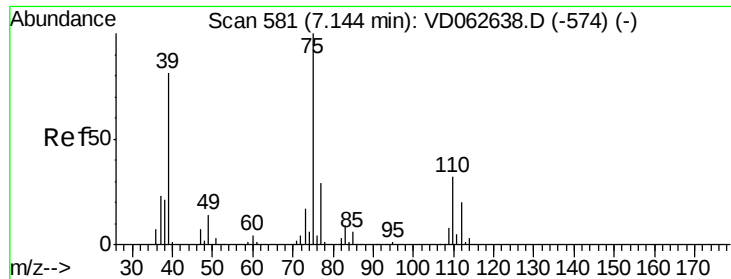
Tot Ion:114 Resp: 17696
 Ion Ratio Lower Upper
 114 100
 63 34.3 0.0 42.4
 88 17.3 0.0 36.8



#35
 Dibromofluoromethane
 Concen: 29.138 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.03 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

Tgt Ion:113 Resp: 5438
 Ion Ratio Lower Upper
 113 100
 111 144.1 76.4 114.6#
 192 15.3 11.4 17.0





#36

1,1-Dichloropropene

Concen: 2.967 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.08 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

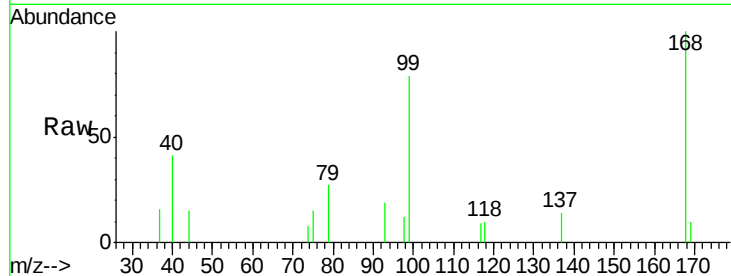
Tot Ion: 75 Resp: 601

Ion Ratio Lower Upper

75 100

110 0.0 15.9 47.7#

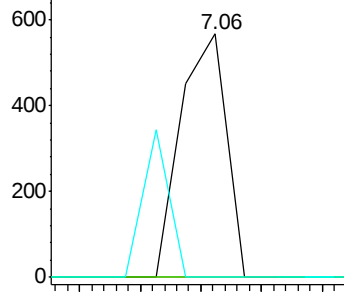
77 0.0 23.3 34.9#



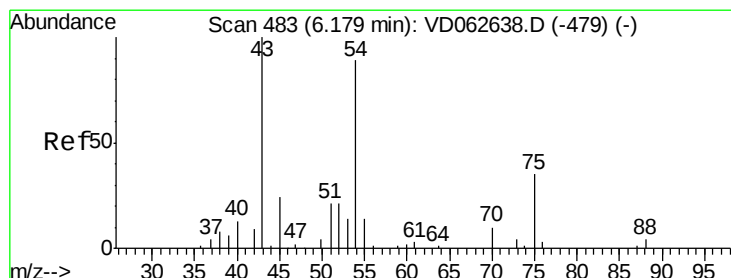
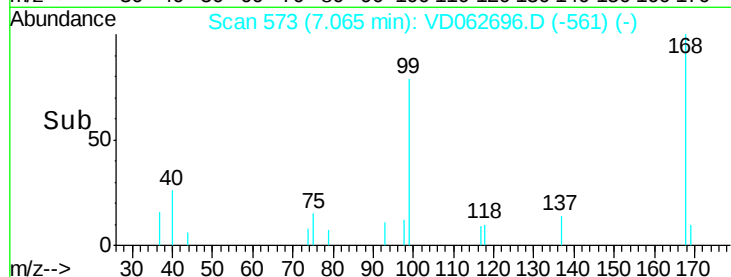
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time-->



#37

Ethyl Acetate

Concen: 3.371 ug/l

RT: 6.20 min Scan# 485

Delta R.T. 0.02 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

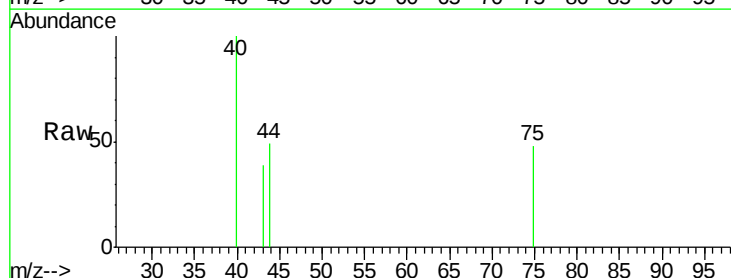
Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

61 0.0 8.7 13.1#

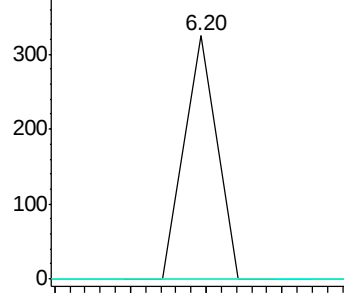
70 0.0 6.5 9.7#



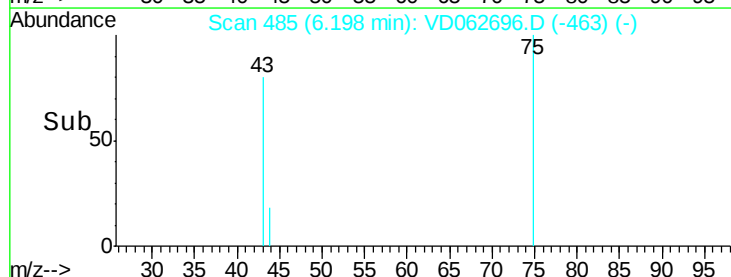
Abundance Ion 42.95 (42.65 to 43.65): VDC

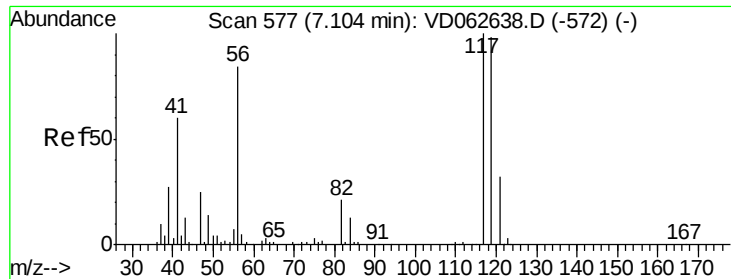
Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



Time-->





#38

Carbon Tetrachloride

Concen: 2.527 ug/l

RT: 7.07 min Scan# 574

Delta R.T. -0.03 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

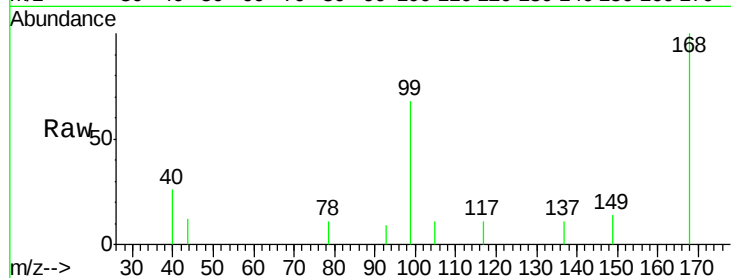
Tot Ion:117 Resp: 809

Ion Ratio Lower Upper

117 100

119 0.0 73.5 110.3#

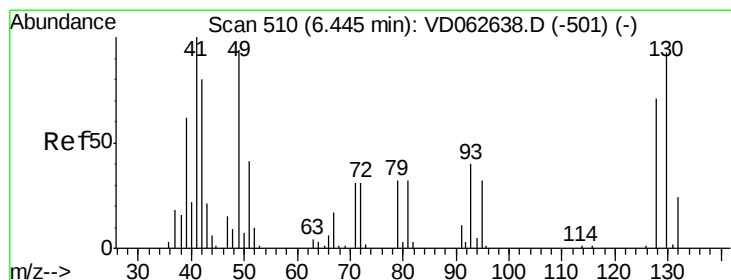
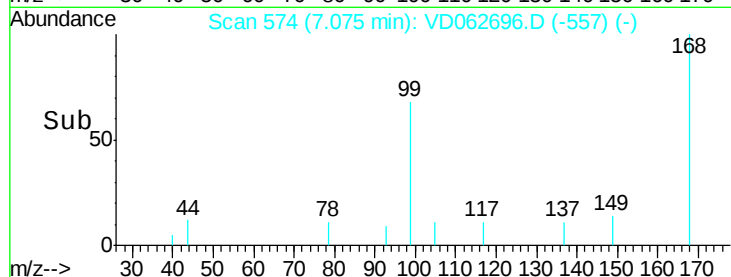
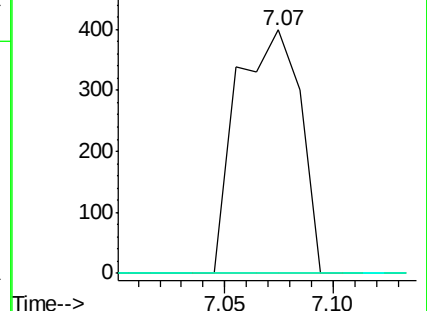
121 0.0 24.2 36.4#



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



#41

Methacrylonitrile

Concen: 2.000 ug/l

RT: 6.42 min Scan# 507

Delta R.T. -0.03 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Tgt Ion: 41 Resp: 212

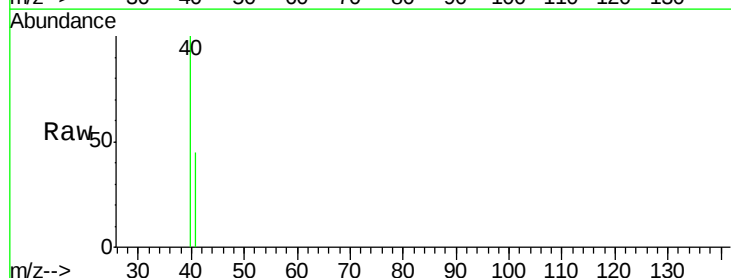
Ion Ratio Lower Upper

41 100

39 0.0 49.2 73.8#

67 0.0 13.9 20.9#

52 0.0 7.6 11.4#

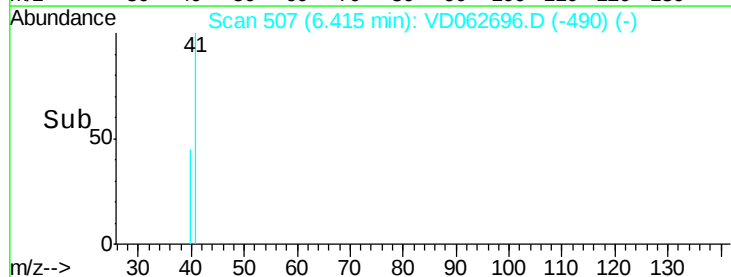
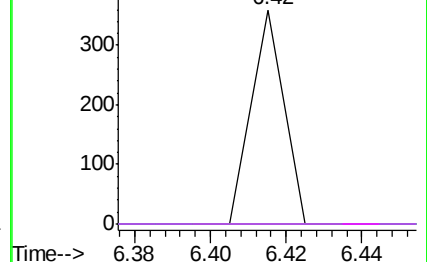


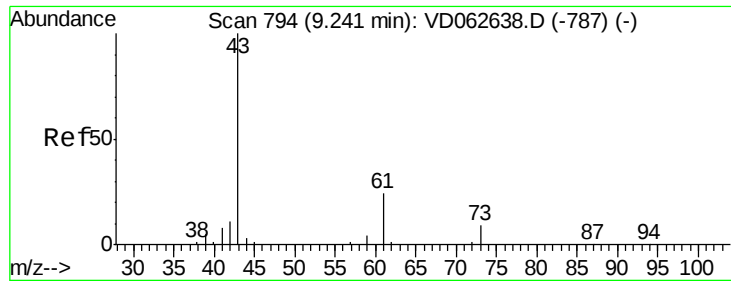
Abundance Ion 40.95 (40.65 to 41.65): V

Ion 38.95 (38.65 to 39.65): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 1.703 ug/l

RT: 9.58 min Scan# 829

Delta R.T. 0.34 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

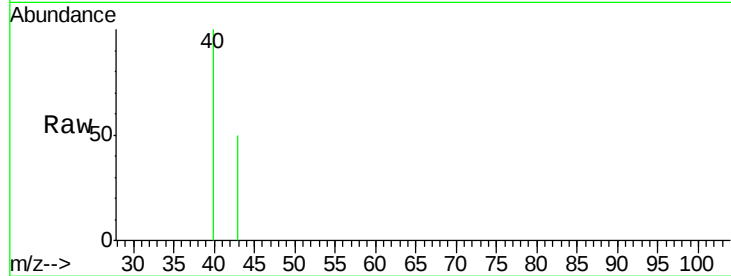
Tot Ion: 43 Resp: 182

Ion Ratio Lower Upper

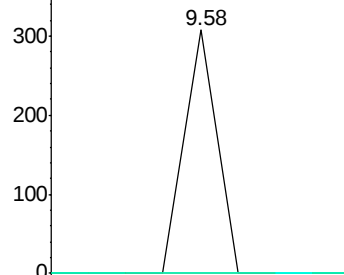
43 100

61 0.0 19.0 28.6#

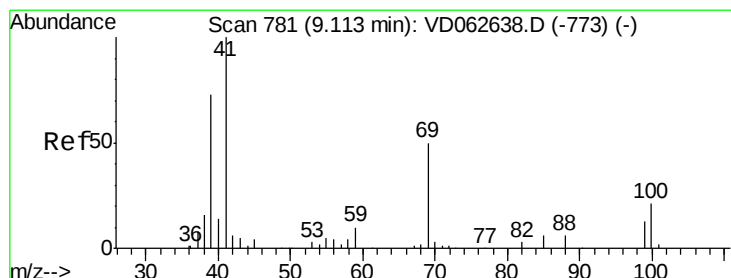
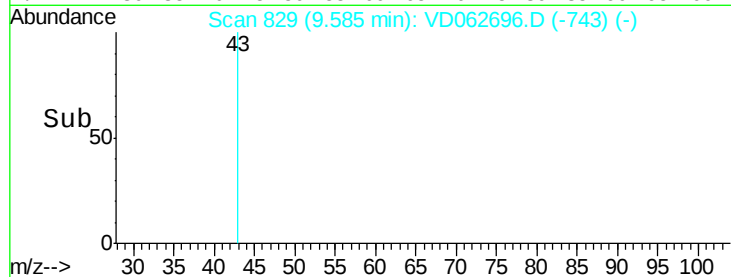
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



Time-->



#48

Methyl methacrylate

Concen: 2.629 ug/l

RT: 9.01 min Scan# 771

Delta R.T. -0.10 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

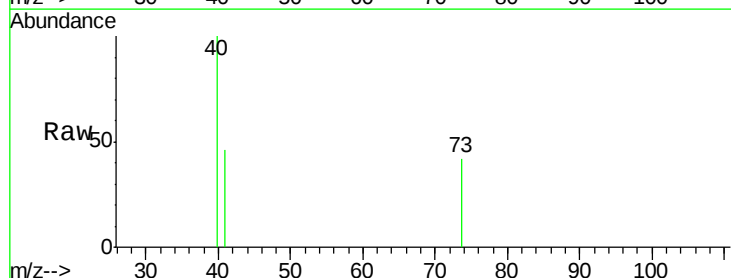
Tgt Ion: 41 Resp: 203

Ion Ratio Lower Upper

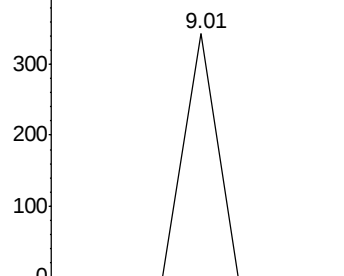
41 100

69 0.0 39.8 59.6#

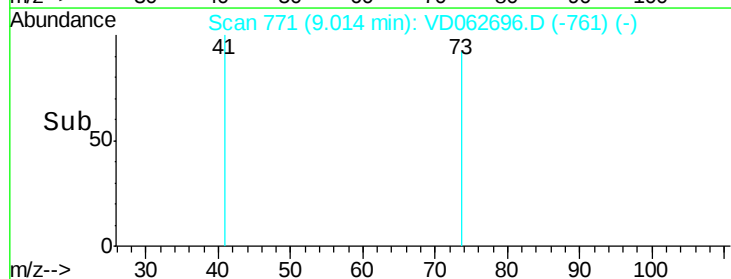
39 0.0 59.1 88.7#

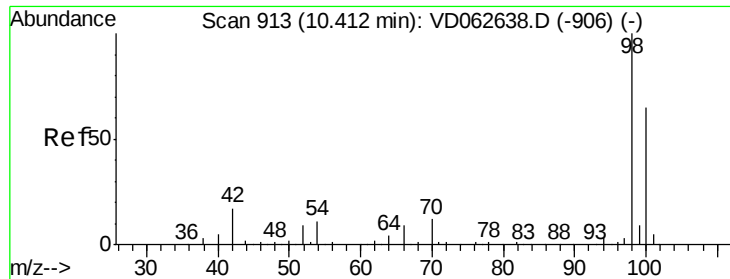


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



Time-->

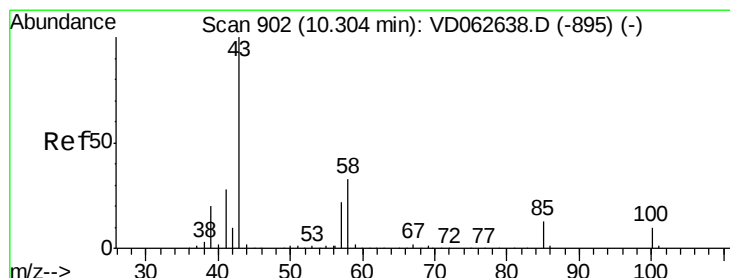
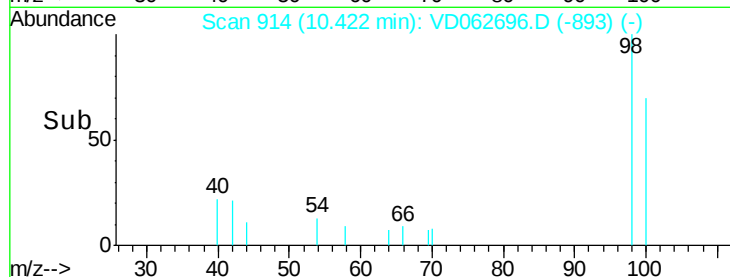
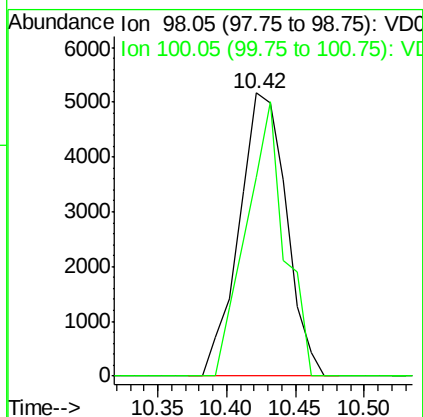
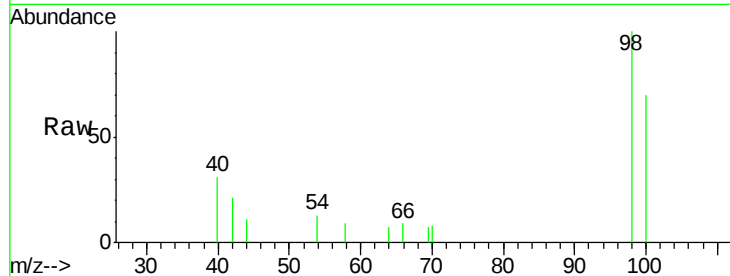




#50
Toluene-d8
Concen: 31.439 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

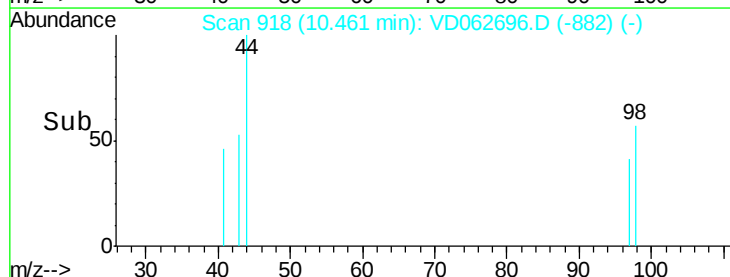
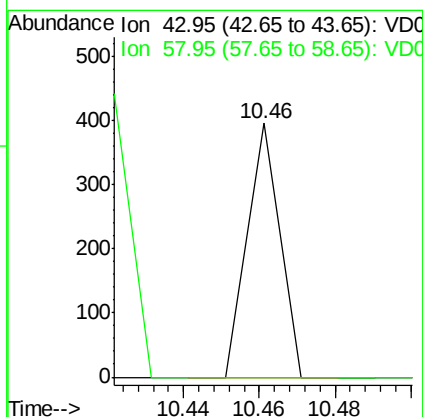
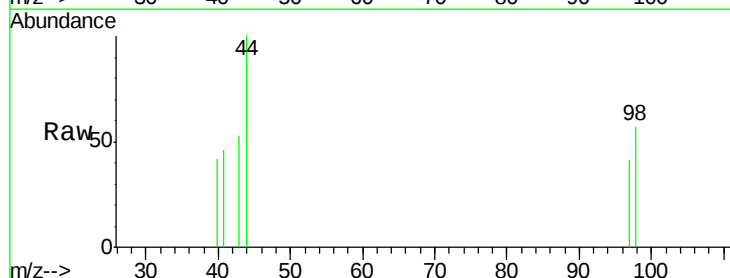
Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-2

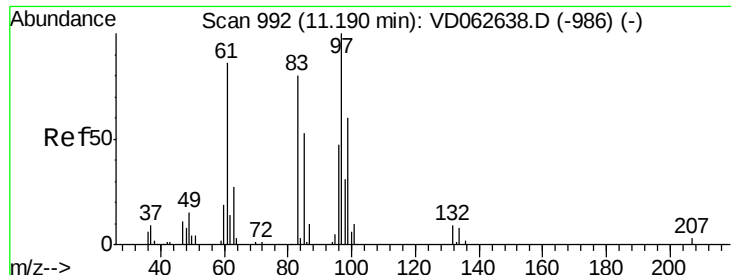
Tot Ion: 98 Resp: 12343
Ion Ratio Lower Upper
98 100
100 70.2 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 3.116 ug/l
RT: 10.46 min Scan# 918
Delta R.T. 0.16 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
58 0.0 26.1 39.1#

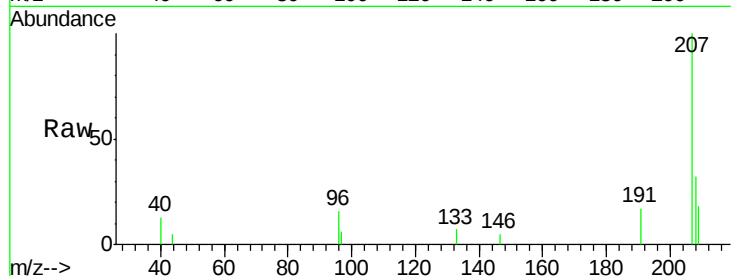




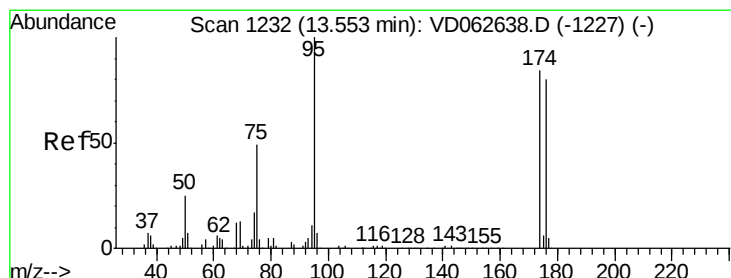
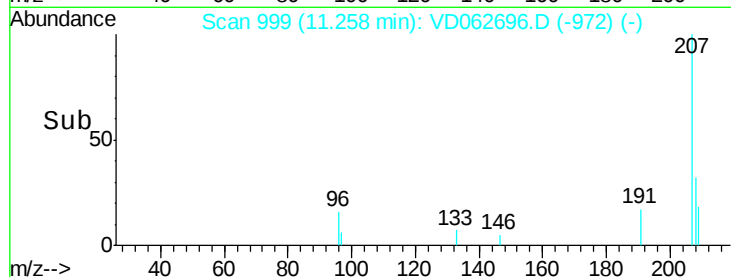
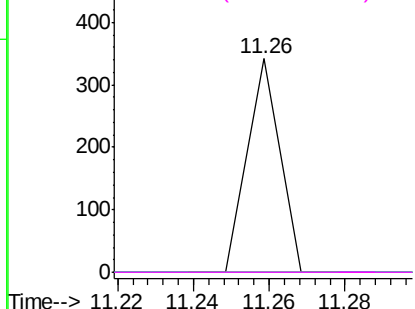
#55
 1,1,2-Trichloroethane
 Concen: 2.216 ug/l
 RT: 11.26 min Scan# 999
 Delta R.T. 0.07 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 Z-3-SOIL-2

Tot Ion: 97 Resp: 202
 Ion Ratio Lower Upper
 97 100
 83 0.0 63.8 95.8#
 85 0.0 42.3 63.5#
 99 0.0 48.0 72.0#

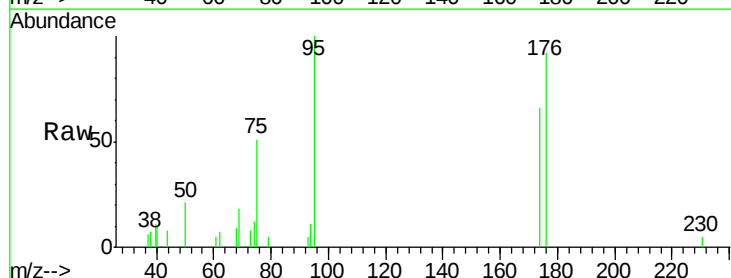


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

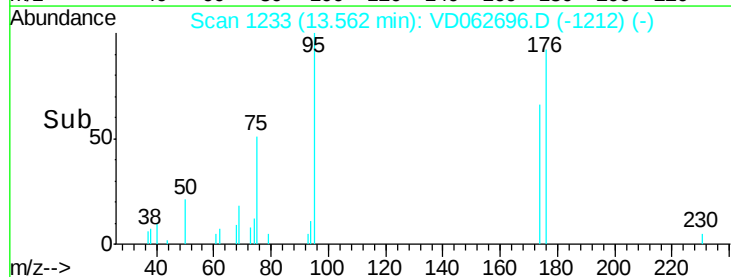
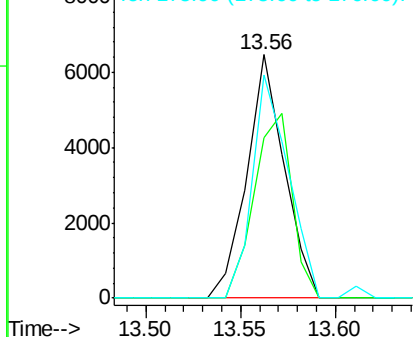


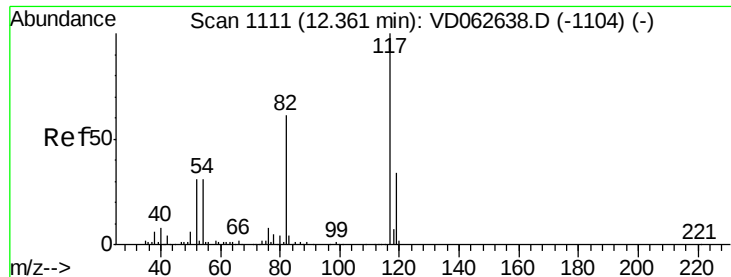
#62
 4-Bromofluorobenzene
 Concen: 48.722 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

Tgt Ion: 95 Resp: 8924
 Ion Ratio Lower Upper
 95 100
 174 65.6 0.0 167.0
 176 91.5 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): VDC
 Ion 173.90 (173.60 to 174.60): VDC
 Ion 175.90 (175.60 to 176.60): VDC

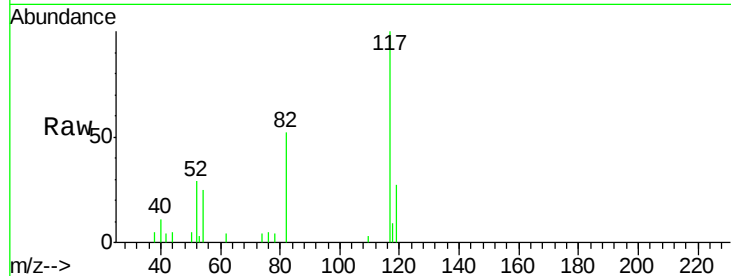




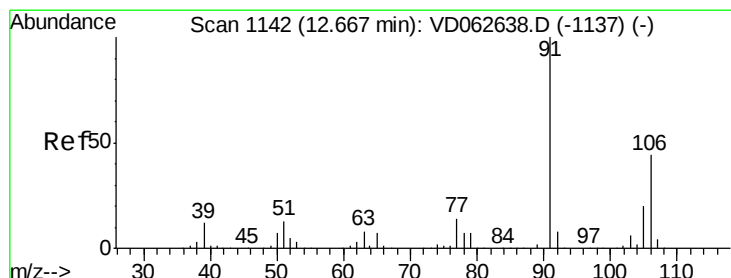
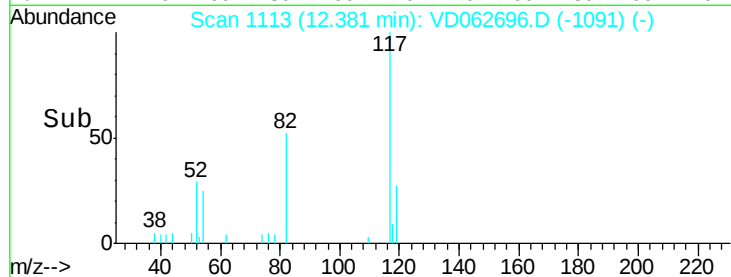
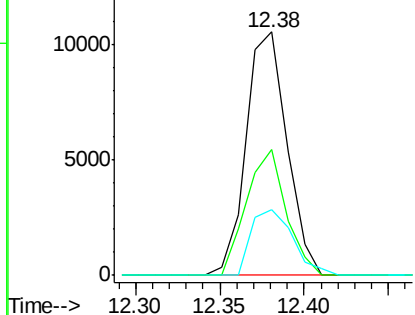
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
Z-3-SOIL-2

Tot Ion:117 Resp: 17717
Ion Ratio Lower Upper
117 100
82 51.7 48.7 73.1
119 27.2 27.0 40.6

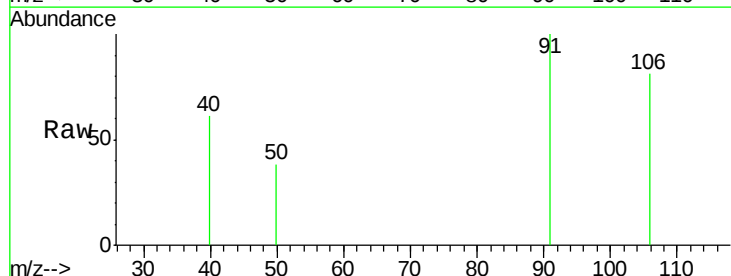


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

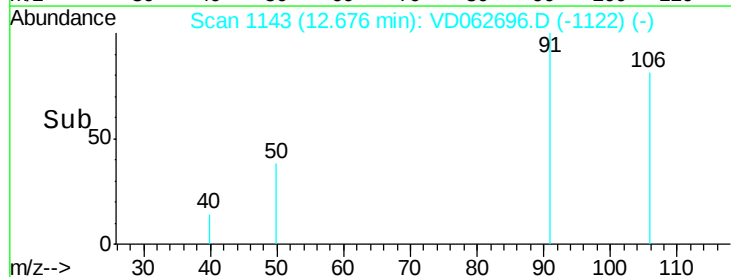
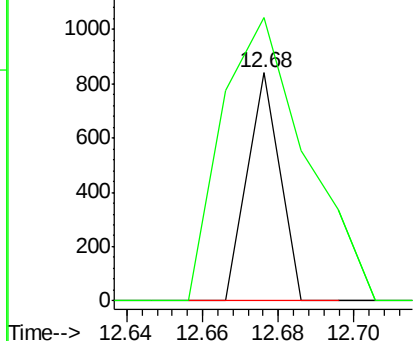


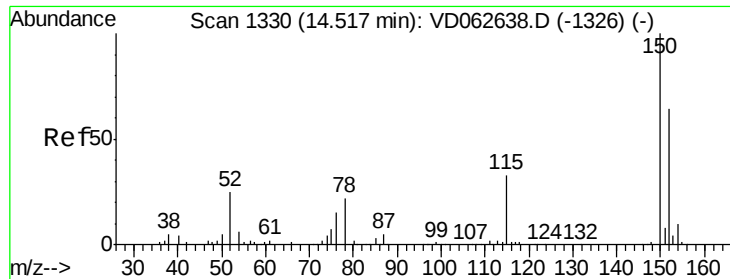
#68
m/p-Xylenes
Concen: 2.031 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VD062696.D
Acq: 13 Jun 2019 16:27

Tgt Ion:106 Resp: 496
Ion Ratio Lower Upper
106 100
91 124.2 180.2 270.4#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

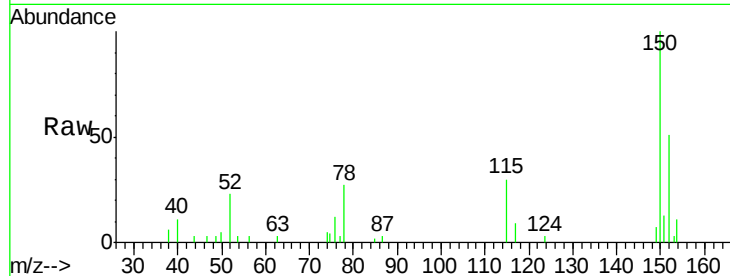
Tot Ion:152 Resp: 9615

Ion Ratio Lower Upper

152 100

115 59.2 30.1 90.5

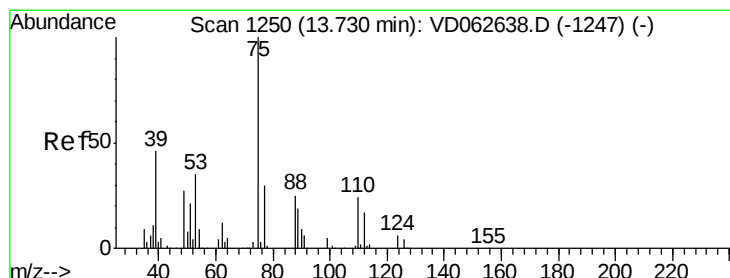
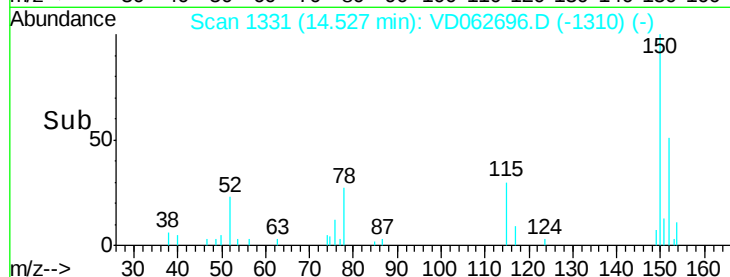
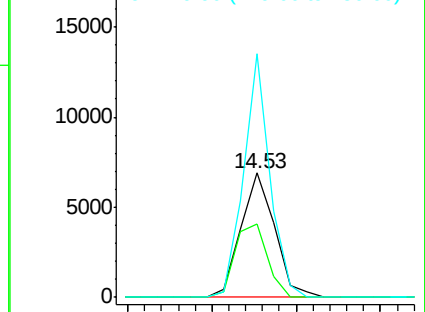
150 195.7 0.0 314.0



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



#76

1,2,3-Trichloropropane

Concen: 25.704 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.17 min

Lab File: VD062696.D

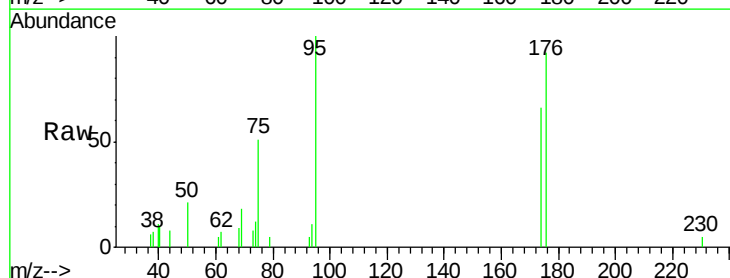
Acq: 13 Jun 2019 16:27

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

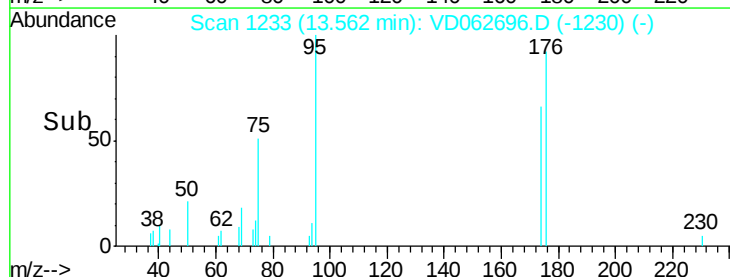
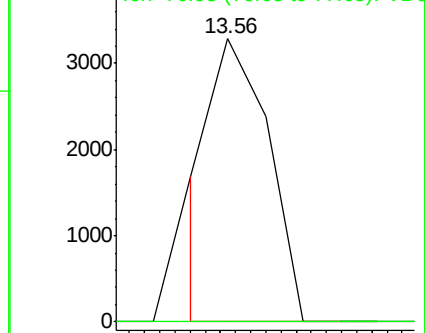
75 100

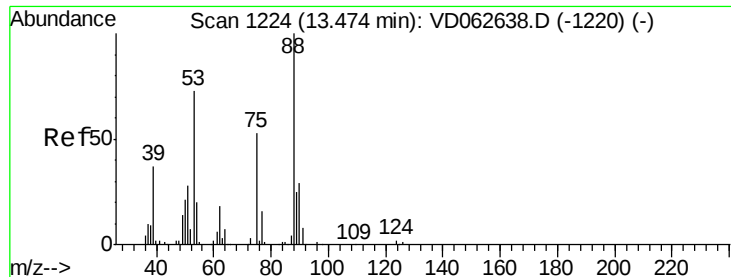
77 0.0 16.2 48.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 107.548 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

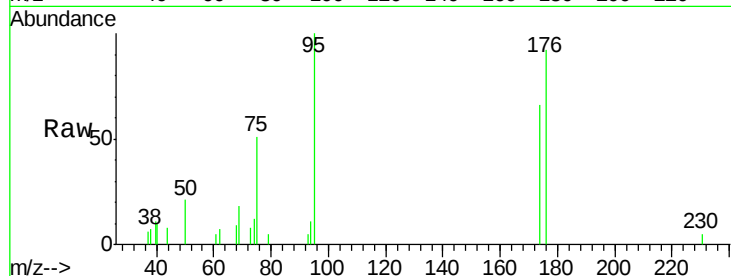
Tot Ion: 75 Resp: 4346

Ion Ratio Lower Upper

75 100

53 0.0 109.4 164.2#

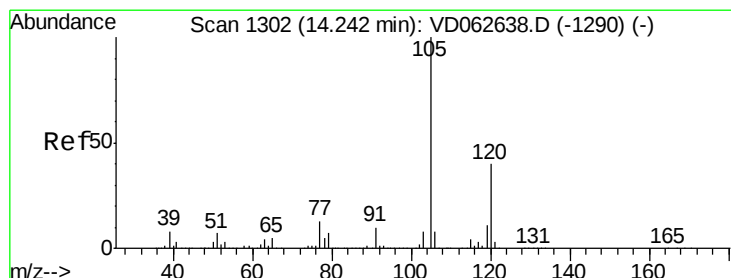
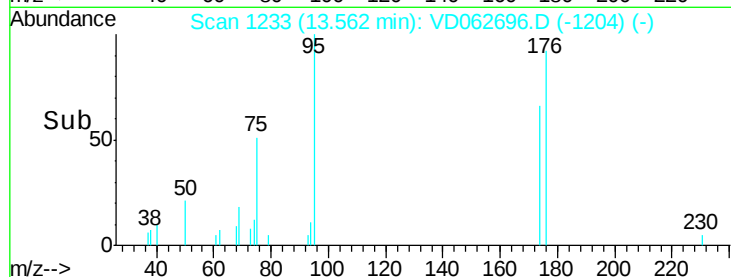
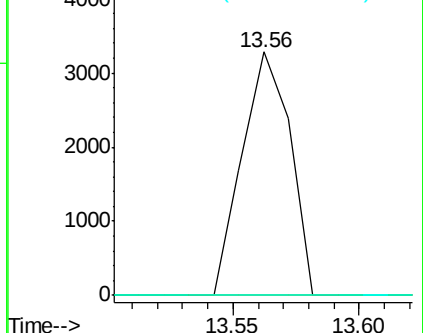
89 0.0 37.0 55.6#



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: 1.966 ug/l

RT: 14.25 min Scan# 1303

Delta R.T. 0.01 min

Lab File: VD062696.D

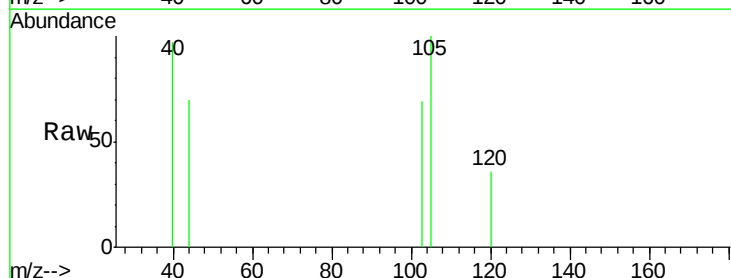
Acq: 13 Jun 2019 16:27

Tgt Ion: 105 Resp: 1166

Ion Ratio Lower Upper

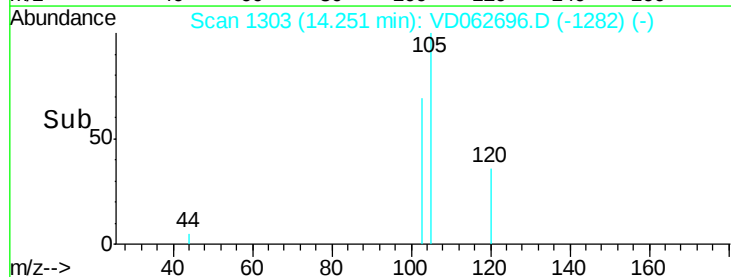
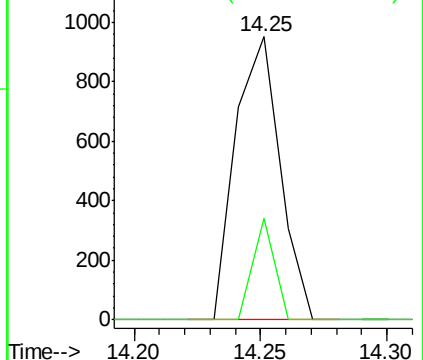
105 100

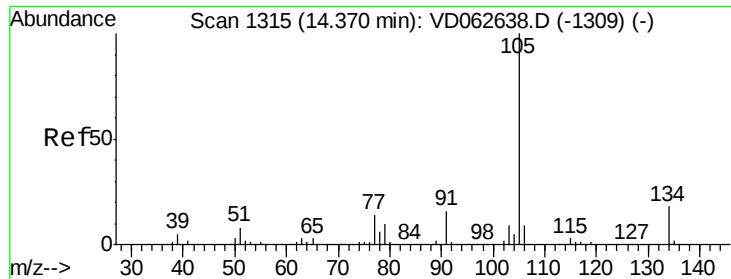
120 35.6 20.3 60.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

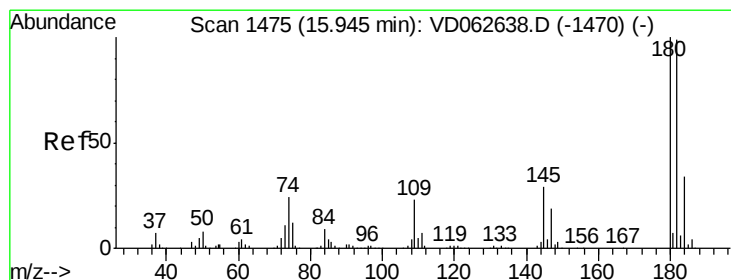
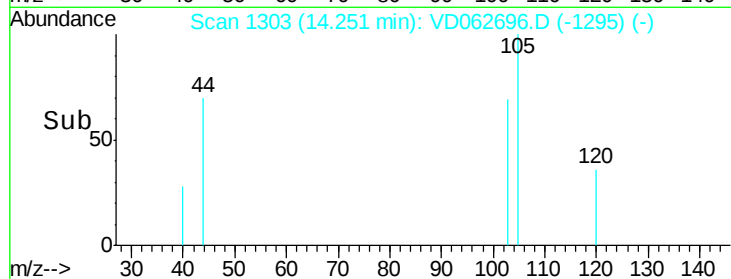
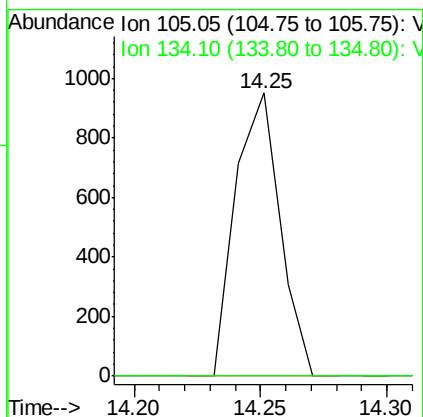
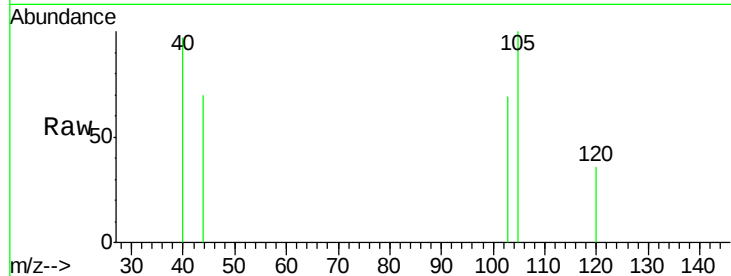




#85
 sec-Butylbenzene
 Concen: 1.683 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. -0.12 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

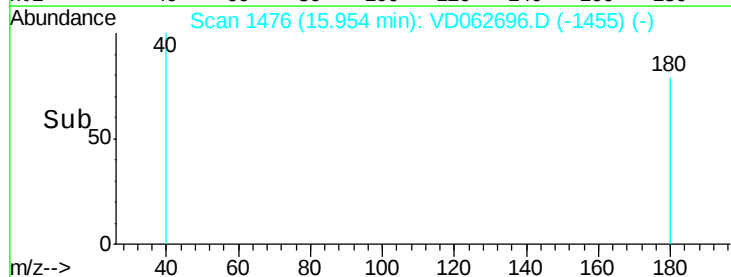
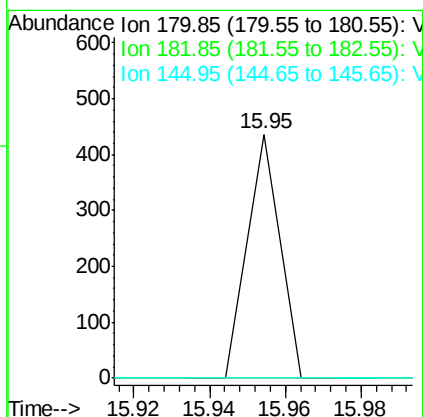
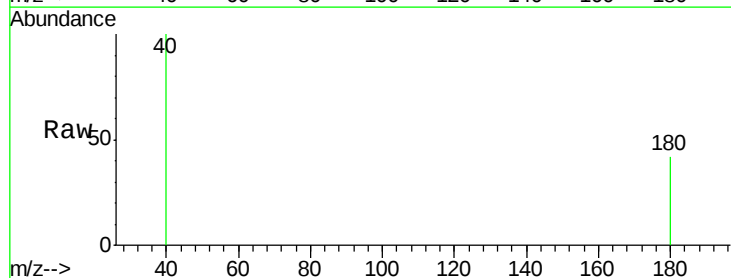
Instrument :
 MSVOA_D
 ClientSampleID :
 Z-3-SOIL-2

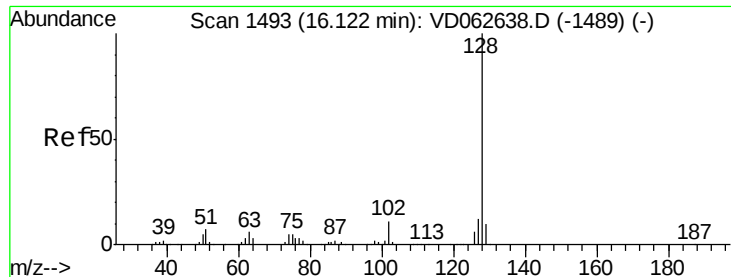
Tot Ion:105 Resp: 1166
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.8 26.2#



#93
 1,2,4-Trichlorobenzene
 Concen: 4.536 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD062696.D
 Acq: 13 Jun 2019 16:27

Tgt Ion:180 Resp: 258
 Ion Ratio Lower Upper
 180 100
 182 0.0 49.4 148.2#
 145 0.0 14.5 43.6#





#95

Naphthalene

Concen: 5.854 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

Z-3-SOIL-2

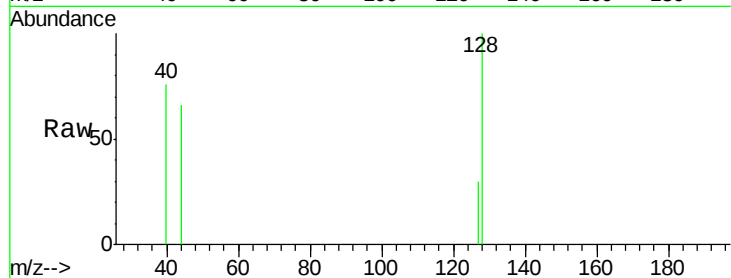
Tot Ion:128 Resp: 901

Ion Ratio Lower Upper

128 100

127 30.1 9.7 14.5#

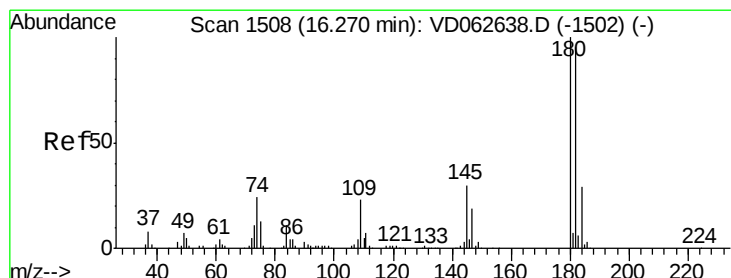
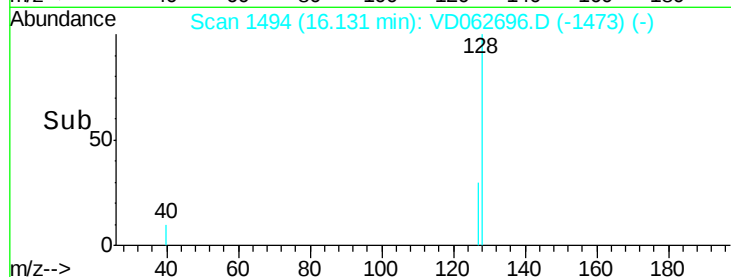
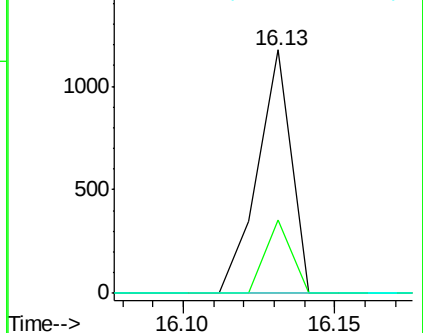
129 0.0 8.1 12.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 1.095 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VD062696.D

Acq: 13 Jun 2019 16:27

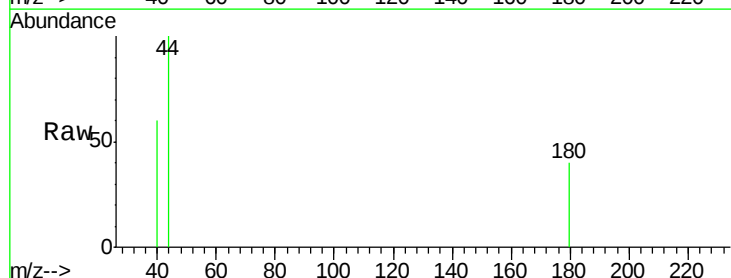
Tgt Ion:180 Resp: 184

Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 0.0 15.0 45.0#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

