

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080619\
 Data File : VD063410.D
 Acq On : 6 Aug 2019 20:22
 Operator : JC/SY
 Sample : K4165-03
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

Quant Time: Aug 07 06:44:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	8135	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	10852	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	10166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	5801	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	7350	81.43	ug/l	0.02
Spiked Amount			Recovery	=	162.86%	
35) Dibromofluoromethane	6.93	113	3084	33.29	ug/l	0.02
Spiked Amount			Recovery	=	66.58%	
50) Toluene-d8	10.41	98	11524	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	
62) 4-Bromofluorobenzene	13.56	95	4808	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

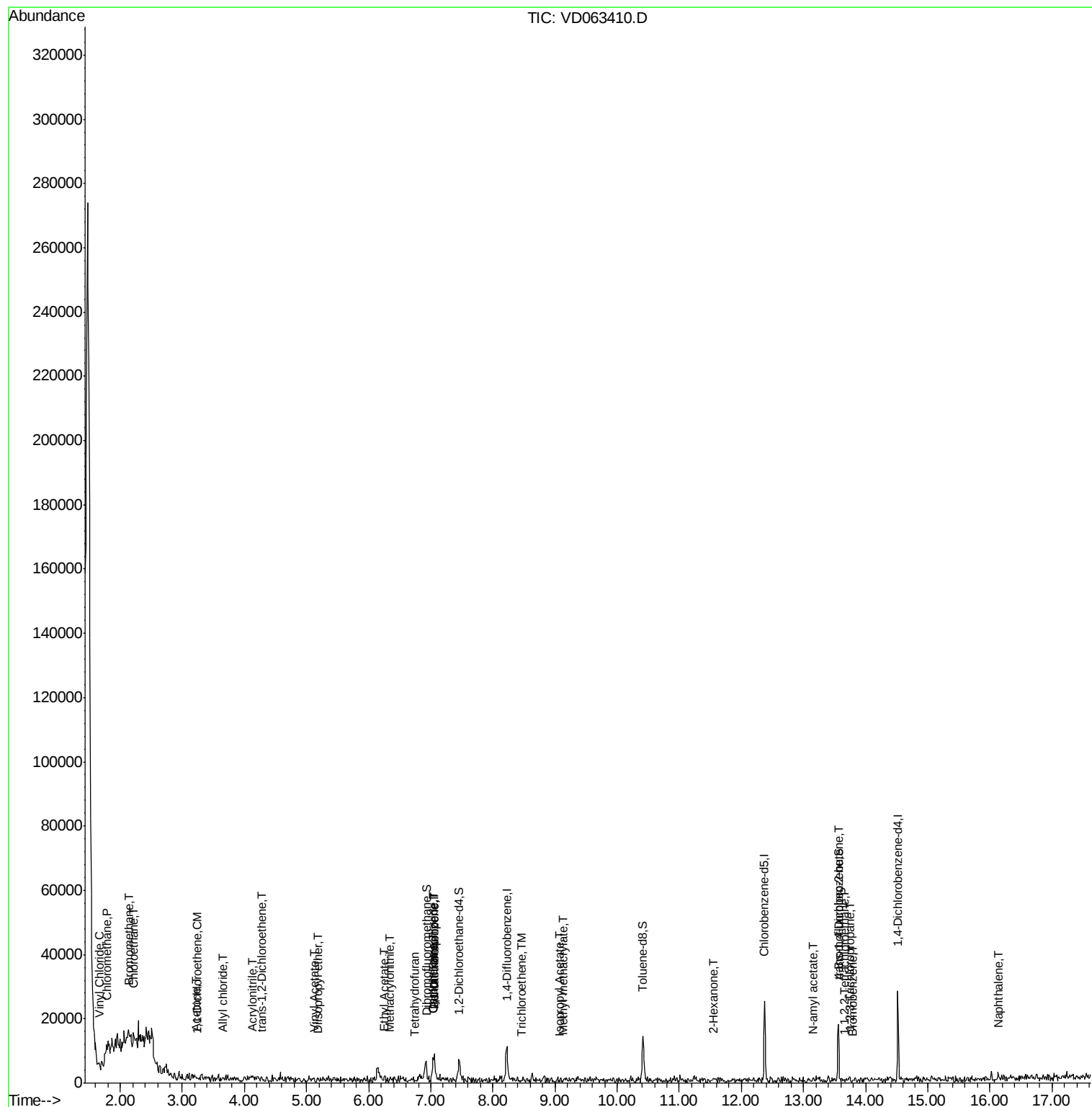
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	377	4.880	ug/l #	46
4) Vinyl Chloride	1.67	62	194	2.426	ug/l #	1
5) Bromomethane	2.13	94	1350	33.468	ug/l #	12
6) Chloroethane	2.20	64	186	5.037	ug/l #	47
12) 1,1-Dichloroethene	3.24	96	181	2.869	ug/l #	1
14) Allyl chloride	3.65	41	192	1.910	ug/l #	11
15) Acrylonitrile	4.14	53	196	19.085	ug/l #	14
16) Acetone	3.22	43	555	31.557	ug/l #	62
21) trans-1,2-Dichloroethene	4.29	96	278	3.927	ug/l #	1
22) Diisopropyl ether	5.18	45	201	1.001	ug/l #	31
23) Vinyl Acetate	5.12	43	209	1.693	ug/l #	82
29) Tetrahydrofuran	6.75	42	213	25.489	ug/l #	33
31) Cyclohexane	7.03	56	200	2.487	ug/l #	18
36) 1,1-Dichloropropene	7.05	75	659	6.654	ug/l #	44
37) Ethyl Acetate	6.27	43	227	5.102	ug/l #	70
38) Carbon Tetrachloride	7.04	117	240	1.610	ug/l #	11
41) Methacrylonitrile	6.35	41	308	5.787	ug/l #	40
43) Isopropyl Acetate	9.06	43	311	5.472	ug/l #	49
44) Trichloroethene	8.46	130	327	3.888	ug/l	3
48) Methyl methacrylate	9.13	41	188	5.100	ug/l #	14
59) 2-Hexanone	11.56	43	187	6.713	ug/l #	31
74) N-amyl acetate	13.14	43	223	2.317	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	13.66	83	221	3.573	ug/l #	24
76) 1,2,3-Trichloropropane	13.75	75	197	2.827	ug/l #	43
77) Bromobenzene	13.79	156	252	2.430	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.55	75	2221	114.792	ug/l #	3
95) Naphthalene	16.13	128	528	2.943	ug/l #	70

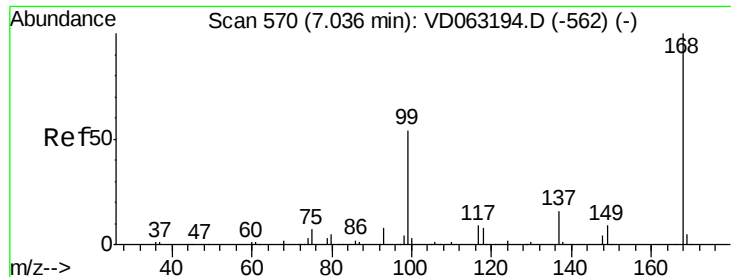
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080619\
Data File : VD063410.D
Acq On : 6 Aug 2019 20:22
Operator : JC/SY
Sample : K4165-03
Misc : 5.03g/5ml/MSVOA D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CP-MW2-N-12-16-SOIL

Quant Time: Aug 07 06:44:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

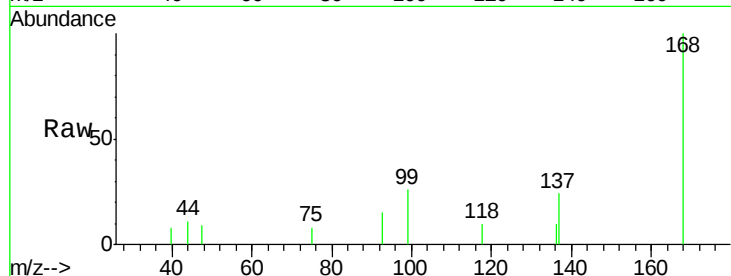
CP-MW2-N-12-16-SOIL

Tot Ion:168 Resp: 8135

Ion Ratio Lower Upper

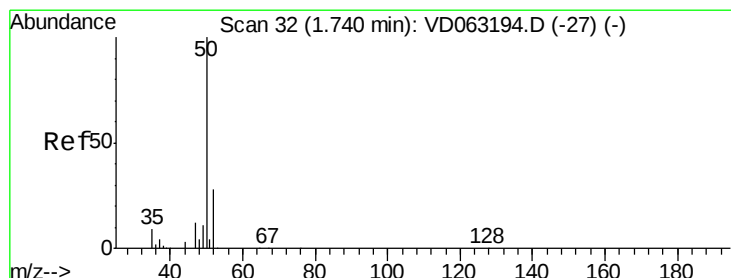
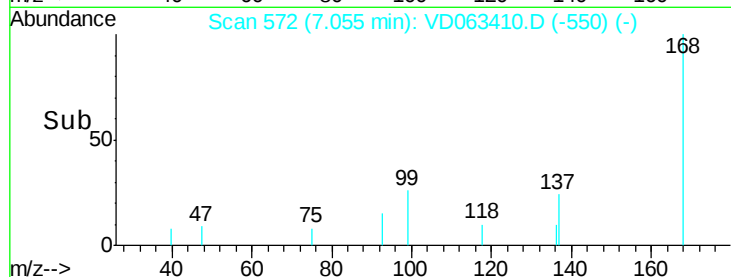
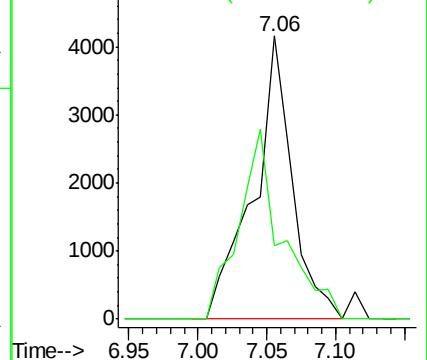
168 100

99 25.8 43.7 65.5#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 4.880 ug/l

RT: 1.78 min Scan# 36

Delta R.T. 0.04 min

Lab File: VD063410.D

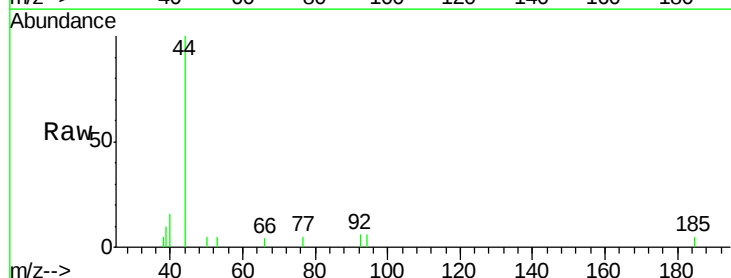
Acq: 6 Aug 2019 20:22

Tgt Ion: 50 Resp: 377

Ion Ratio Lower Upper

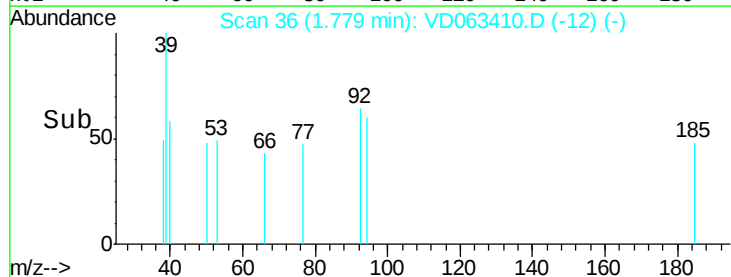
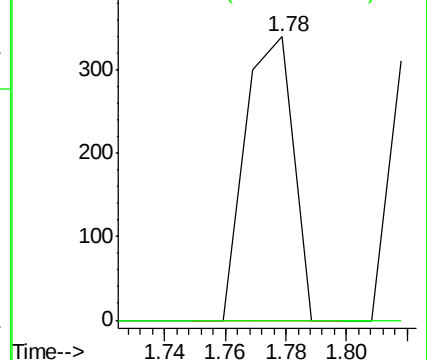
50 100

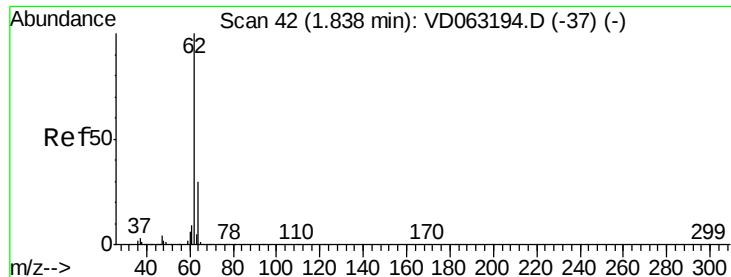
52 0.0 22.6 34.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 2.426 ug/l

RT: 1.67 min Scan# 25

Delta R.T. -0.17 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

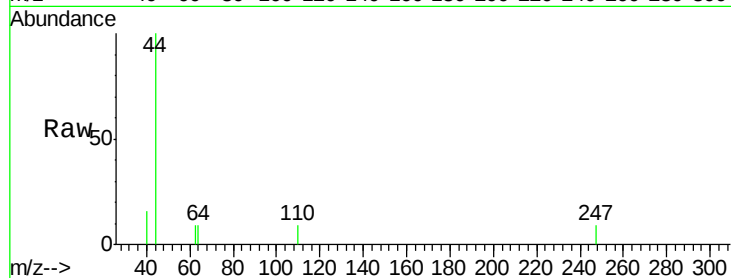
CP-MW2-N-12-16-SOIL

Tot Ion: 62 Resp: 194

Ion Ratio Lower Upper

62 100

64 95.7 24.1 36.1#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.67

300

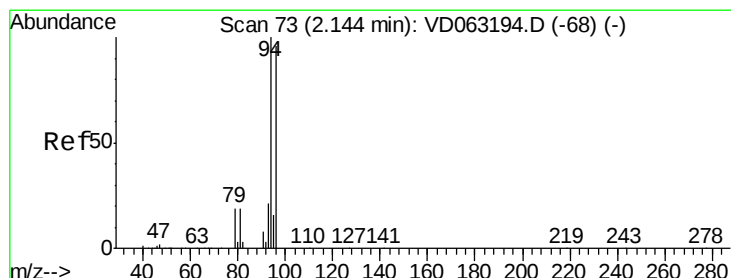
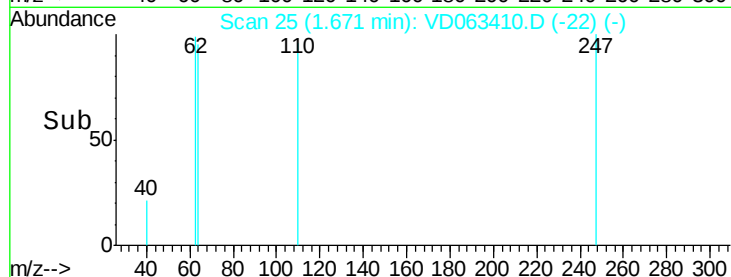
200

100

0

1.66 1.68 1.70

Time-->



#5

Bromomethane

Concen: 33.468 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

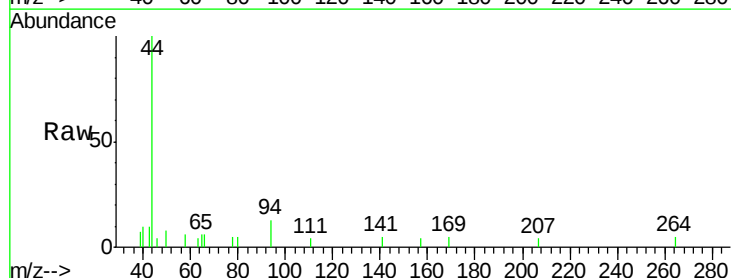
Tgt Ion: 94 Resp: 1350

Ion Ratio Lower Upper

94 100

96 0.0 76.4 114.6#

93 0.0 17.3 25.9#



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

2.13

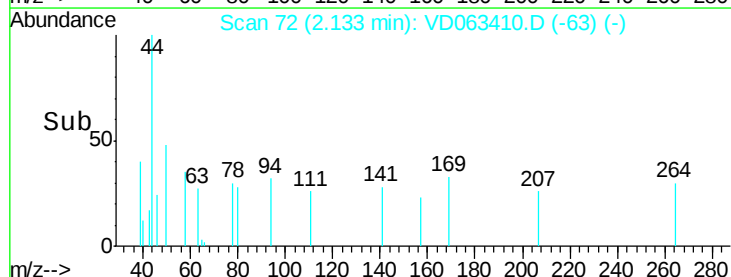
1000

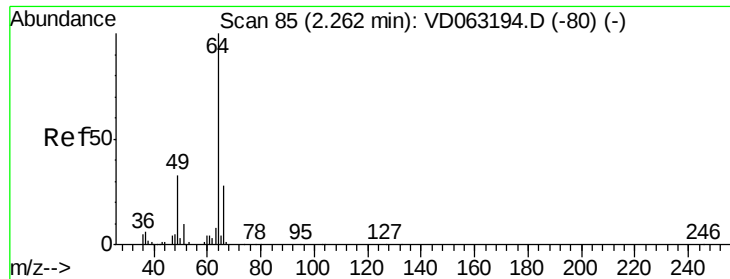
500

0

2.10 2.12 2.14 2.16

Time-->





#6

Chloroethane

Concen: 5.037 ug/l

RT: 2.20 min Scan# 79

Delta R.T. -0.06 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

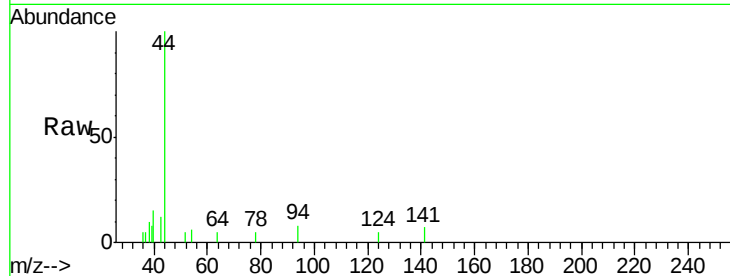
CP-MW2-N-12-16-SOIL

Tot Ion: 64 Resp: 186

Ion Ratio Lower Upper

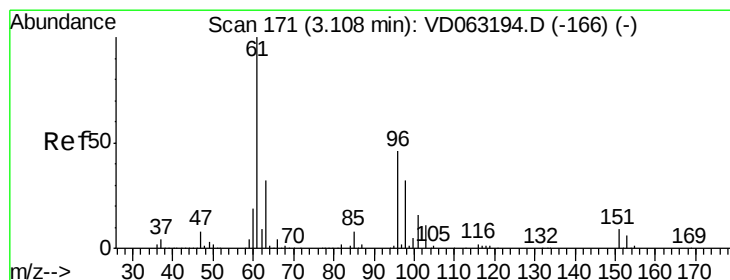
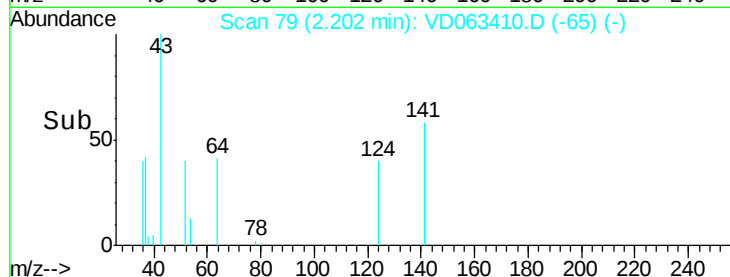
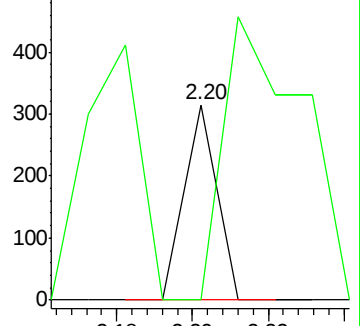
64 100

66 0.0 22.2 33.2#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#12

1,1-Dichloroethene

Concen: 2.869 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.13 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

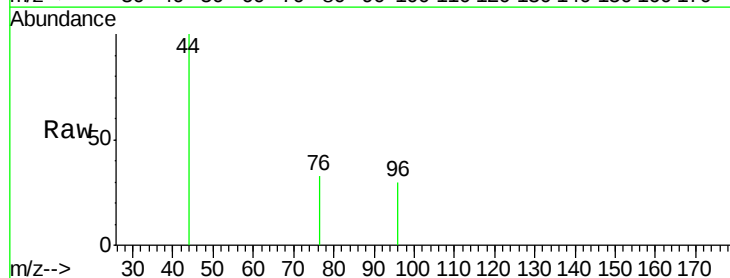
Tgt Ion: 96 Resp: 181

Ion Ratio Lower Upper

96 100

61 0.0 173.7 260.5#

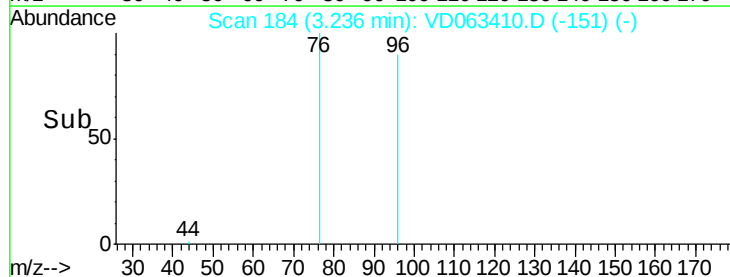
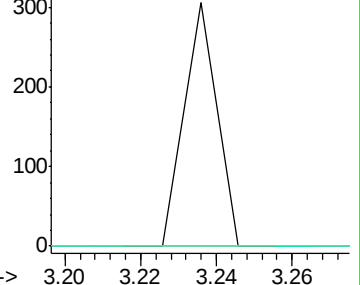
98 0.0 55.8 83.8#

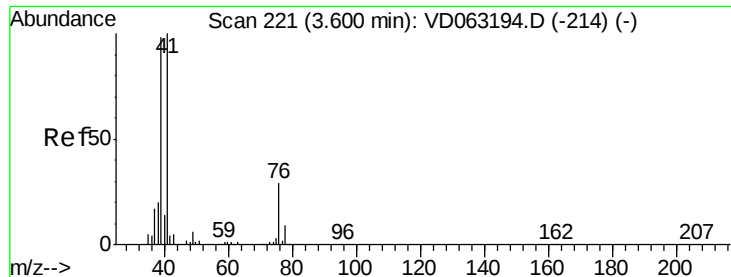


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#14

Allvl chloride

Concen: 1.910 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.05 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

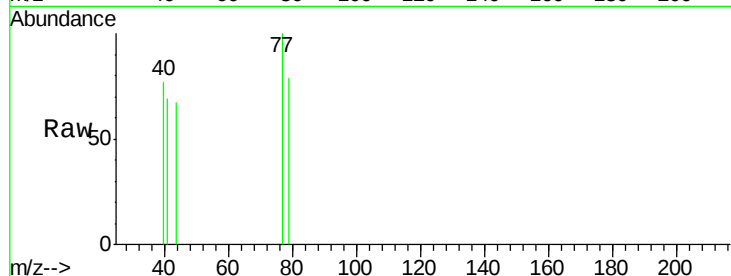
Tot Ion: 41 Resp: 192

Ion Ratio Lower Upper

41 100

39 0.0 78.6 117.8#

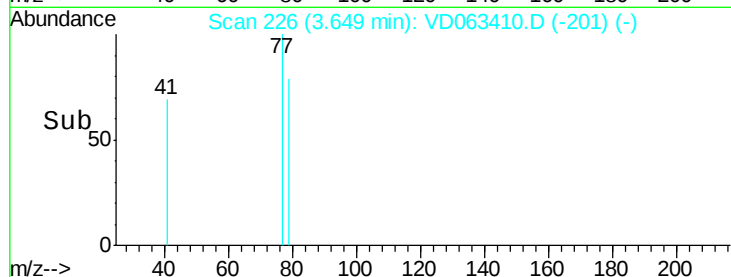
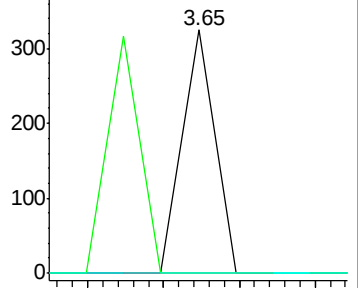
76 0.0 24.5 36.7#



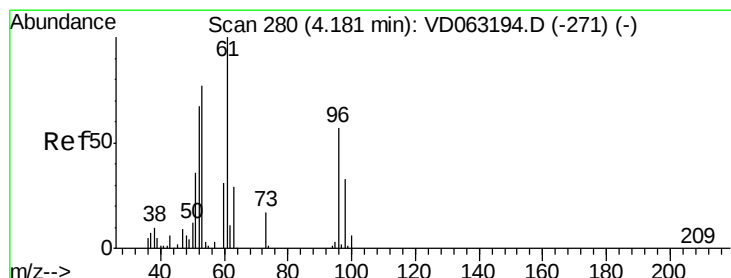
Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



Time-->



#15

Acrylonitrile

Concen: 19.085 ug/l

RT: 4.14 min Scan# 276

Delta R.T. -0.04 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

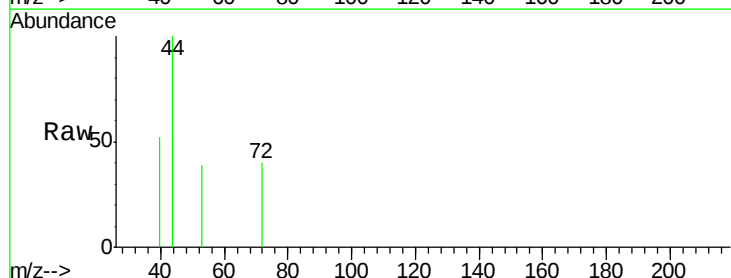
Tgt Ion: 53 Resp: 196

Ion Ratio Lower Upper

53 100

52 0.0 69.7 104.5#

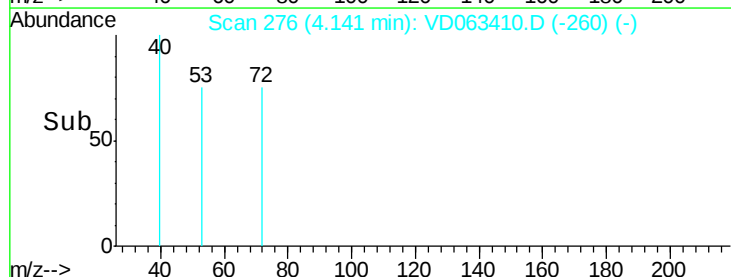
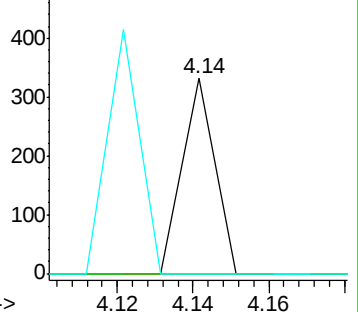
51 0.0 37.4 56.0#

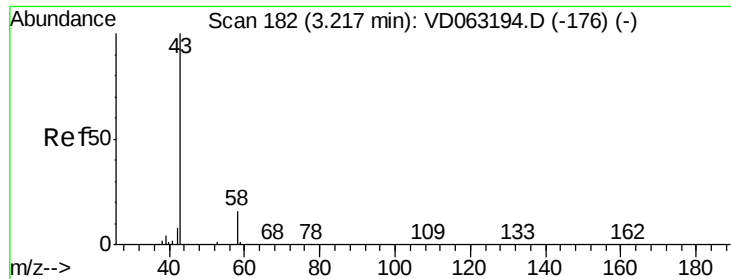


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 31.557 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.00 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

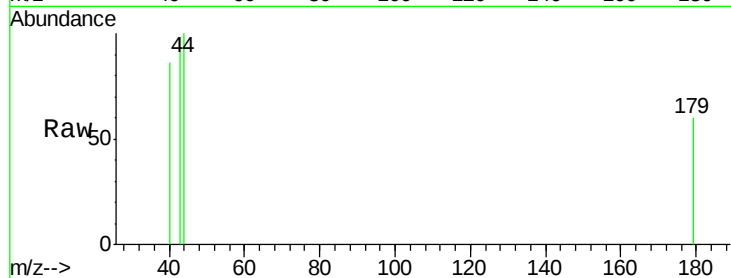
CP-MW2-N-12-16-SOIL

Tot Ion: 43 Resp: 555

Ion Ratio Lower Upper

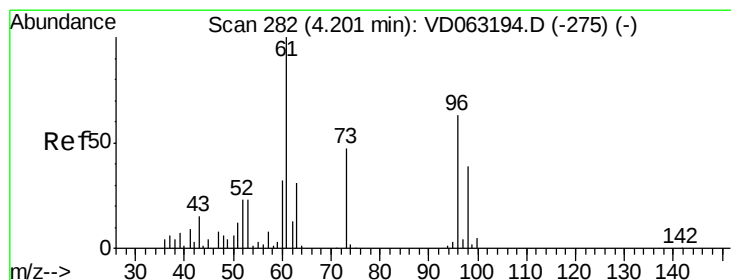
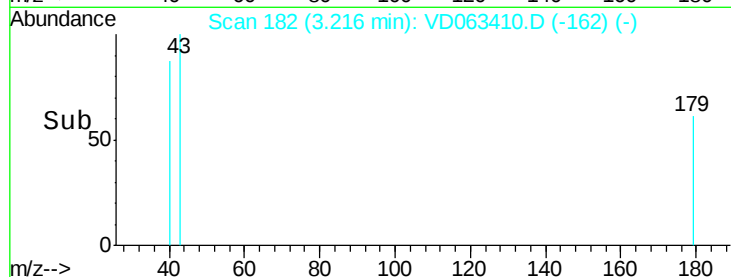
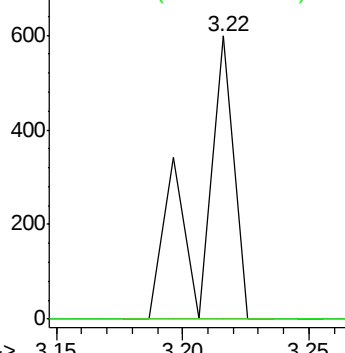
43 100

58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#21

trans-1,2-Dichloroethene

Concen: 3.927 ug/l

RT: 4.29 min Scan# 291

Delta R.T. 0.09 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

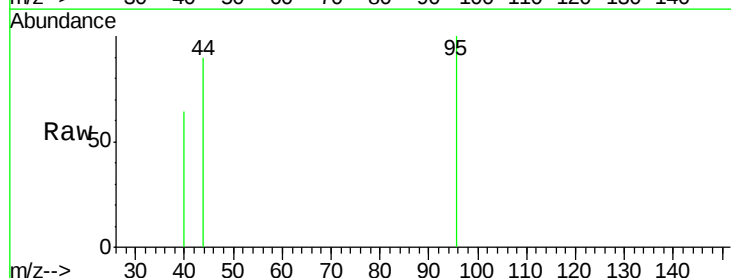
Tgt Ion: 96 Resp: 278

Ion Ratio Lower Upper

96 100

61 0.0 127.4 191.2#

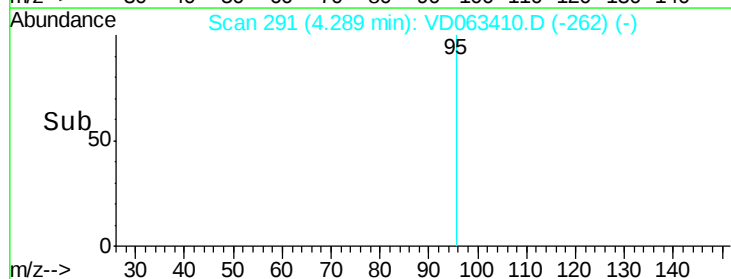
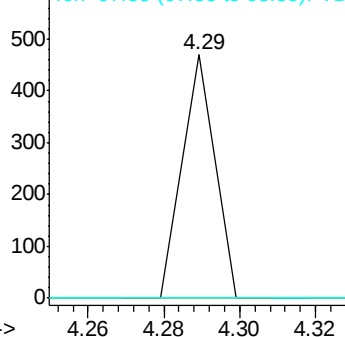
98 0.0 49.3 73.9#

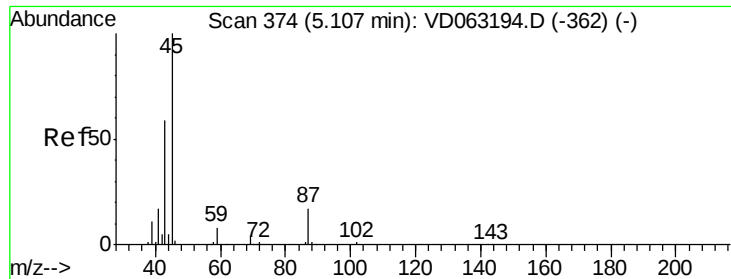


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#22

Diisopropyl ether

Concen: 1.001 ug/l

RT: 5.18 min Scan# 381

Delta R.T. 0.07 min

Lab File: VD063410.D

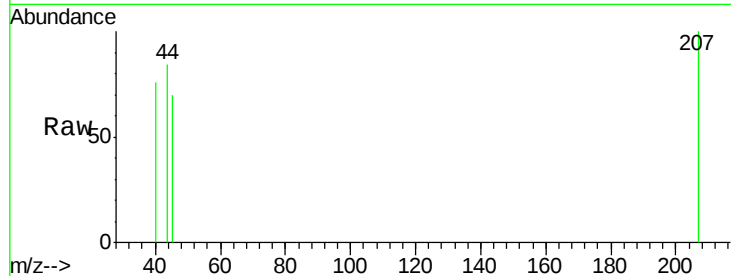
Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL



Tot Ion: 45 Resp: 201

Ion Ratio Lower Upper

45 100

43 0.0 51.7 77.5#

87 0.0 14.6 21.8#

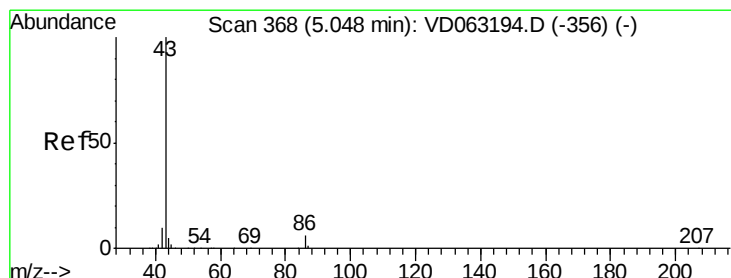
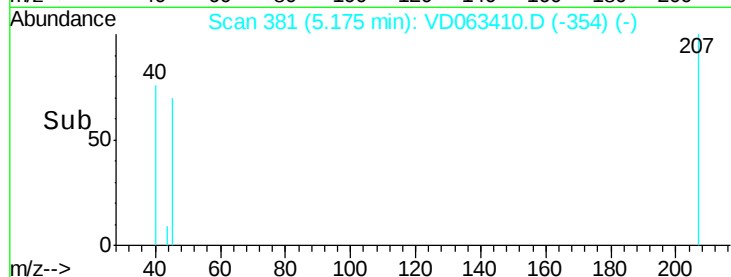
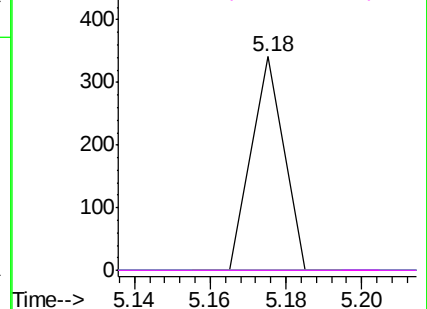
59 0.0 6.6 10.0#

Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC



#23

Vinyl Acetate

Concen: 1.693 ug/l

RT: 5.12 min Scan# 375

Delta R.T. 0.07 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Tgt Ion: 43 Resp: 209

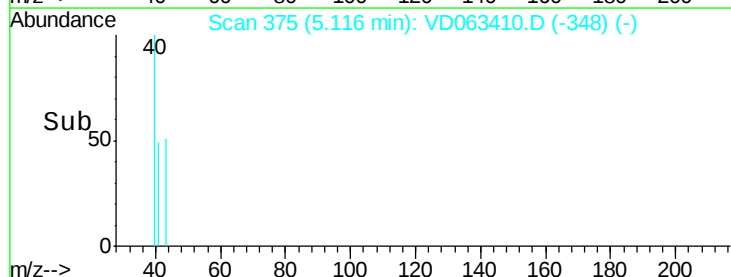
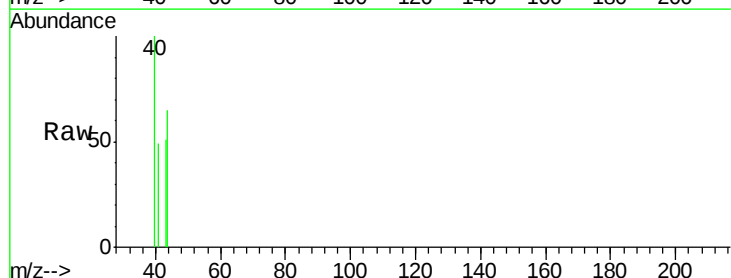
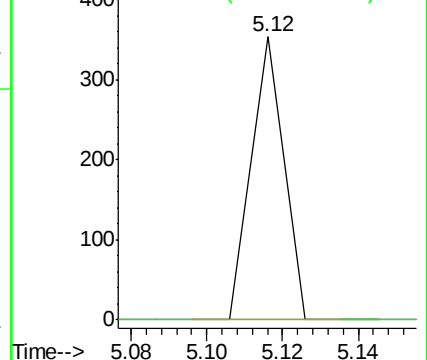
Ion Ratio Lower Upper

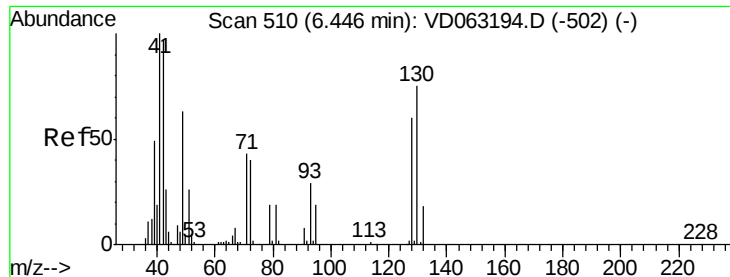
43 100

86 0.0 4.9 7.3#

Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC





#29

Tetrahydrofuran

Concen: 25.489 ug/l

RT: 6.75 min Scan# 541

Delta R.T. 0.30 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

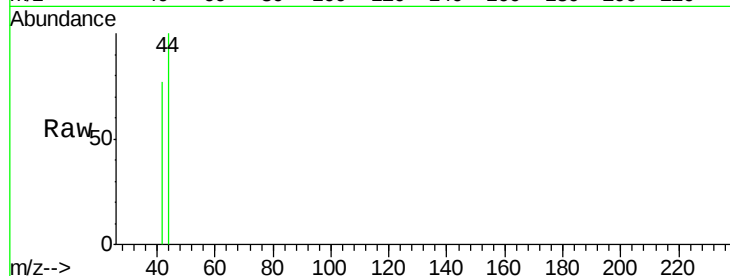
Tot Ion: 42 Resp: 213

Ion Ratio Lower Upper

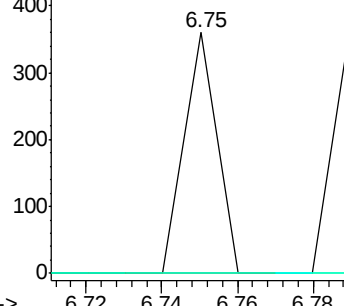
42 100

72 0.0 33.4 50.2#

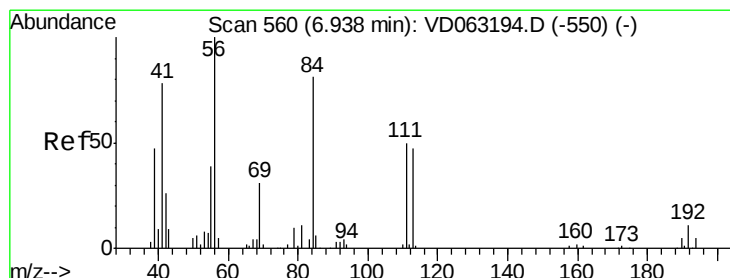
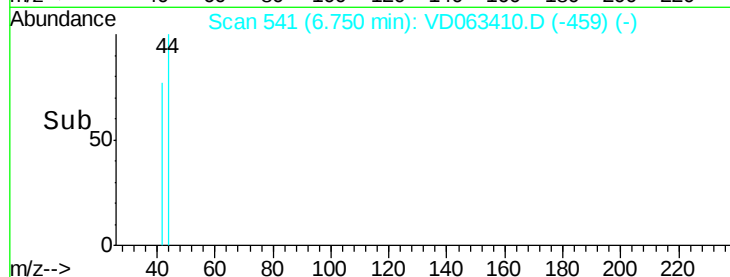
71 0.0 35.7 53.5#



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



Time-->



#31

Cyclohexane

Concen: 2.487 ug/l

RT: 7.03 min Scan# 569

Delta R.T. 0.09 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

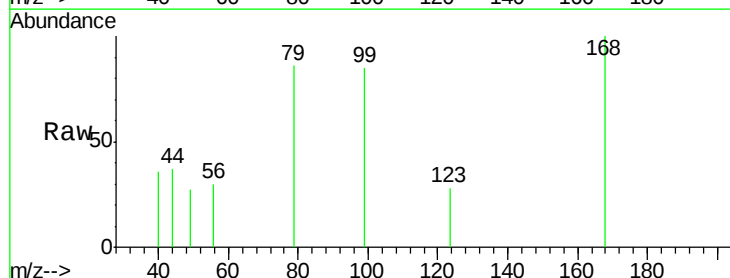
Tgt Ion: 56 Resp: 200

Ion Ratio Lower Upper

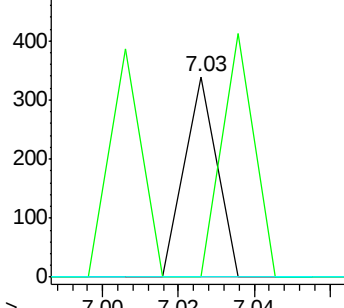
56 100

69 0.0 24.5 36.7#

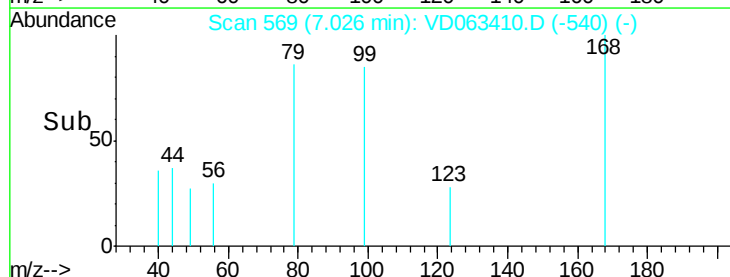
84 0.0 64.9 97.3#

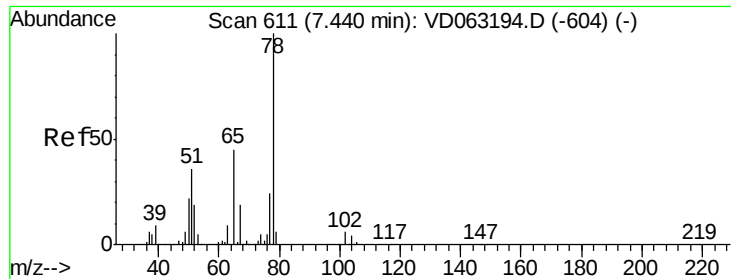


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 81.426 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

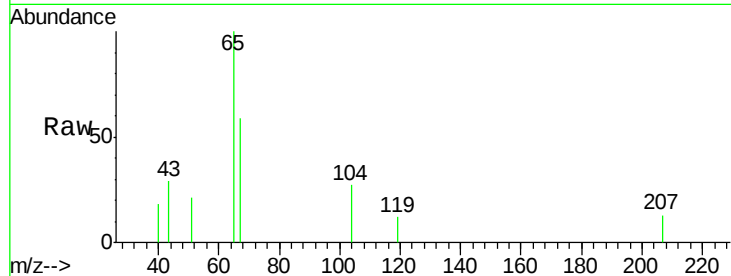
CP-MW2-N-12-16-SOIL

Tot Ion: 65 Resp: 7350

Ion Ratio Lower Upper

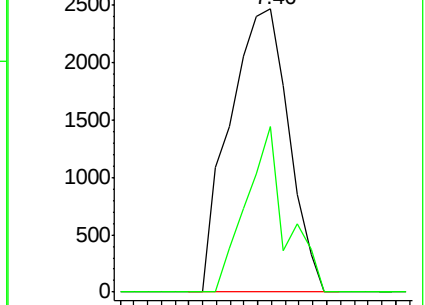
65 100

67 58.5 0.0 85.8

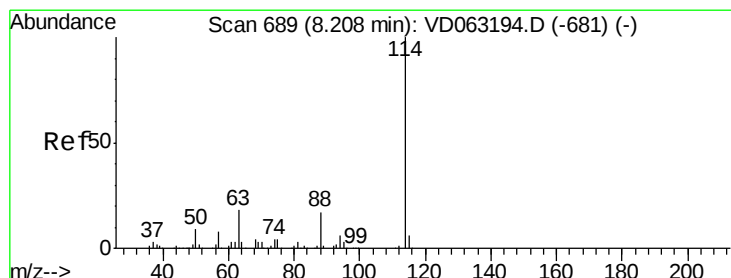
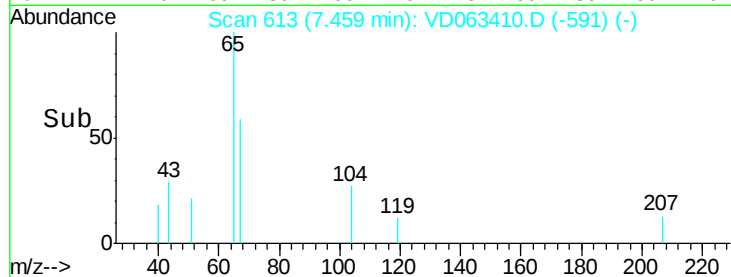


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

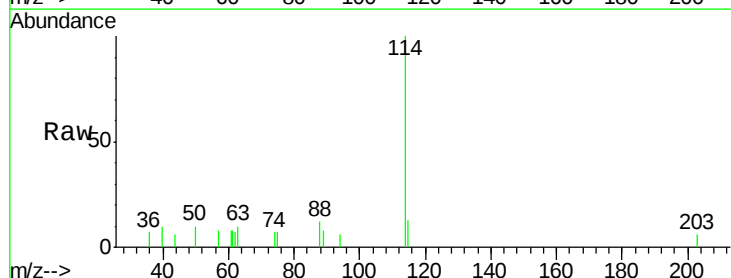
Tgt Ion: 114 Resp: 10852

Ion Ratio Lower Upper

114 100

63 10.4 0.0 35.2

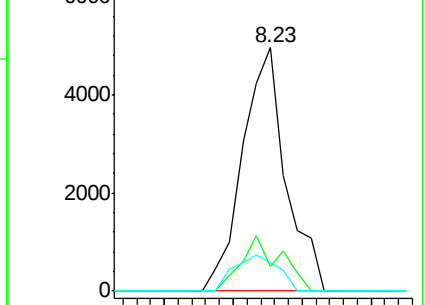
88 11.9 0.0 34.6



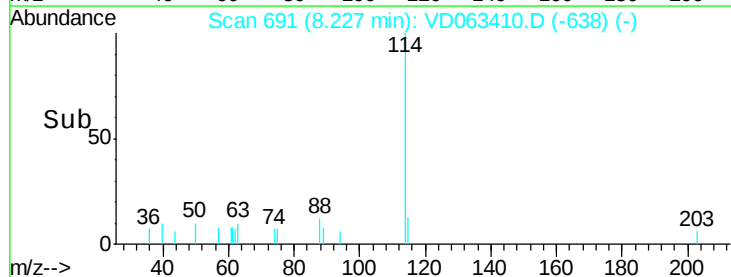
Abundance Ion 114.00 (113.70 to 114.70): V

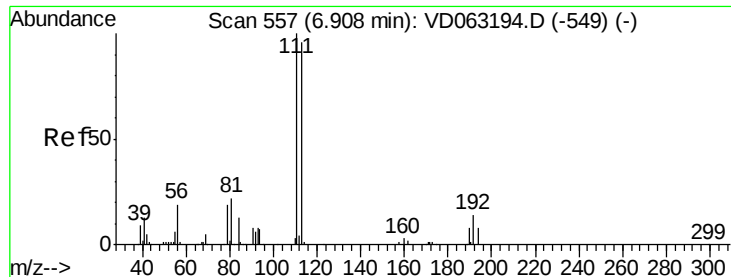
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



Time-->





#35

Dibromofluoromethane

Concen: 33.285 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

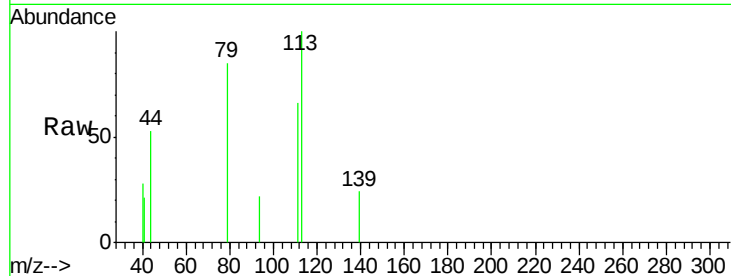
Tot Ion:113 Resp: 3084

Ion Ratio Lower Upper

113 100

111 66.4 83.2 124.8#

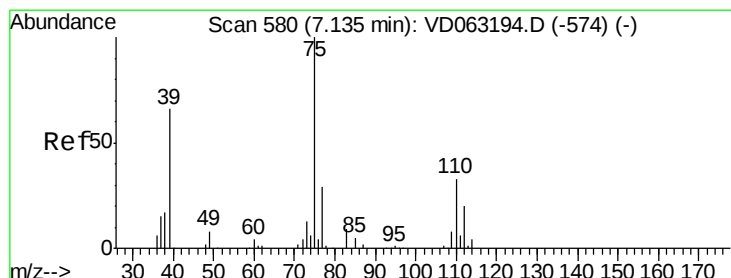
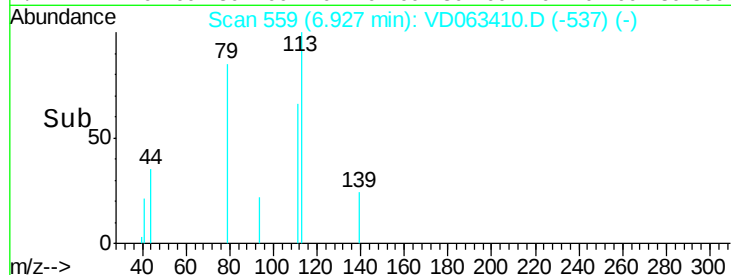
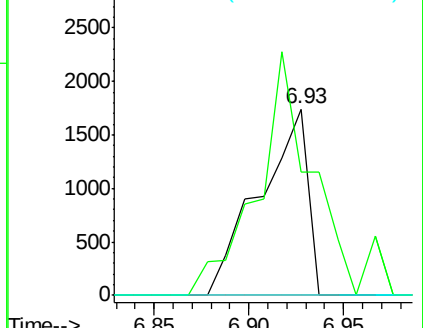
192 0.0 11.8 17.8#



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: 6.654 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.09 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

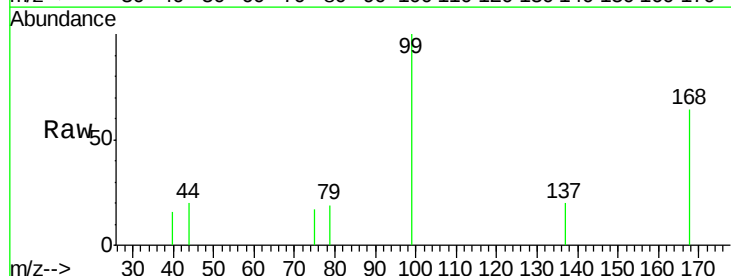
Tgt Ion: 75 Resp: 659

Ion Ratio Lower Upper

75 100

110 0.0 16.1 48.2#

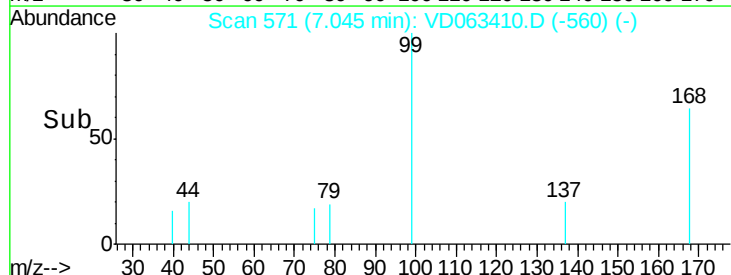
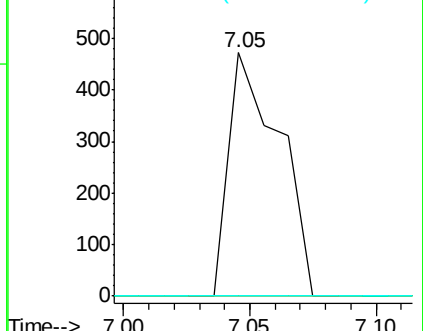
77 0.0 22.7 34.1#

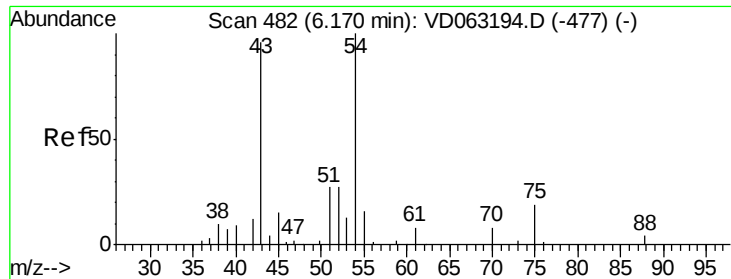


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

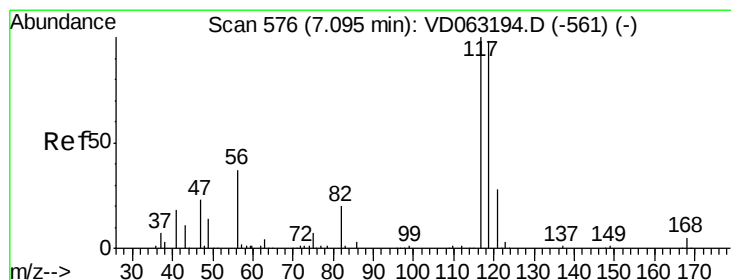
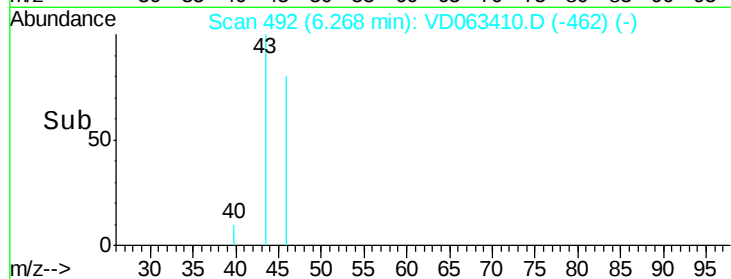
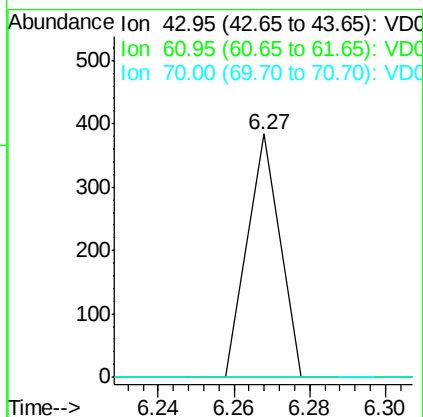
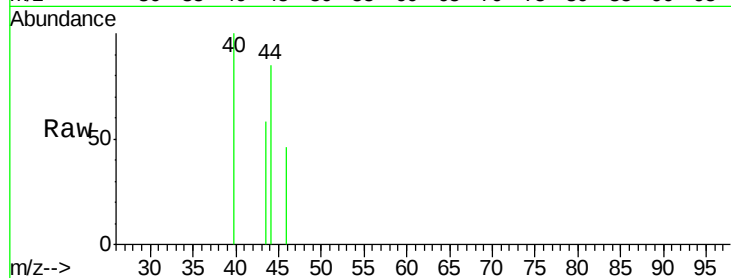




#37
Ethyl Acetate
Concen: 5.102 ug/l
RT: 6.27 min Scan# 492
Delta R.T. 0.10 min
Lab File: VD063410.D
Acq: 6 Aug 2019 20:22

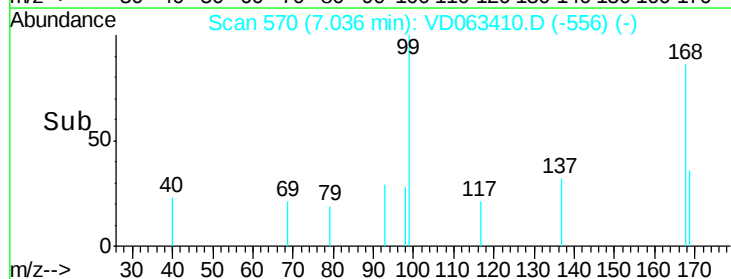
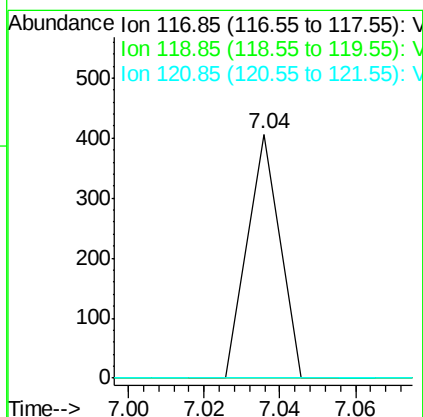
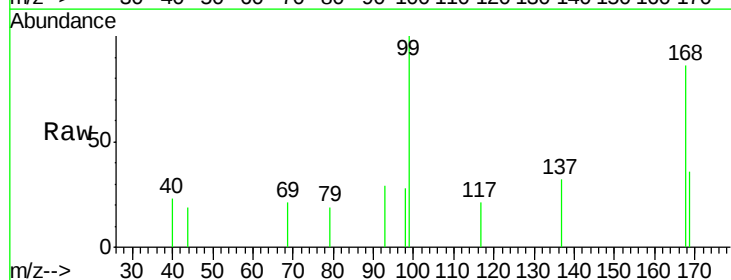
Instrument :
MSVOA_D
ClientSampleId :
CP-MW2-N-12-16-SOIL

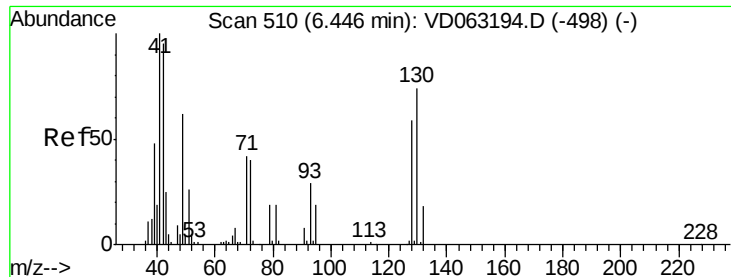
Tot Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
61 0.0 11.3 16.9#
70 0.0 5.1 7.7#



#38
Carbon Tetrachloride
Concen: 1.610 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.06 min
Lab File: VD063410.D
Acq: 6 Aug 2019 20:22

Tgt Ion: 117 Resp: 240
Ion Ratio Lower Upper
117 100
119 0.0 78.2 117.2#
121 0.0 22.1 33.1#





#41

Methacrylonitrile

Concen: 5.787 ug/l

RT: 6.35 min Scan# 500

Delta R.T. -0.10 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

Tot Ion: 41 Resp: 308

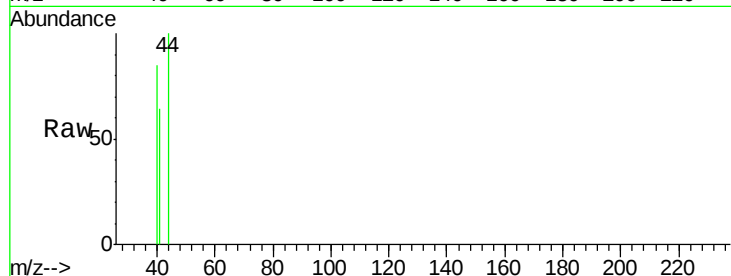
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#

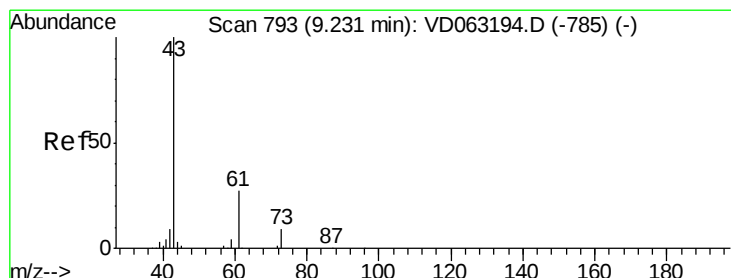
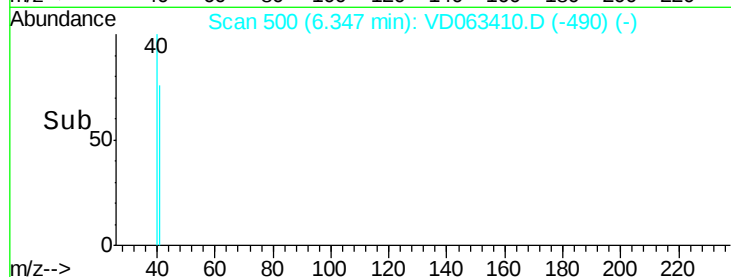
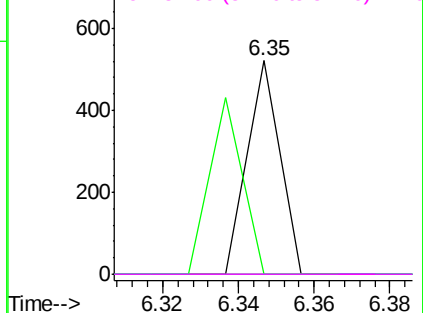


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#43

Isopropyl Acetate

Concen: 5.472 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.17 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

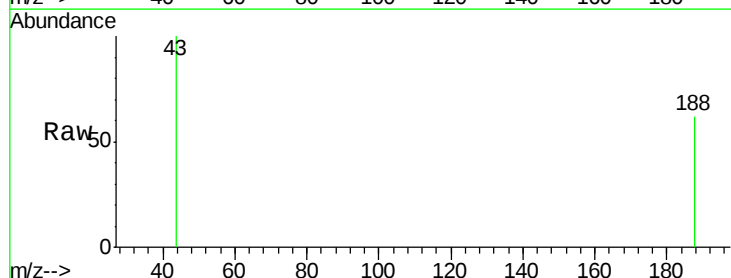
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

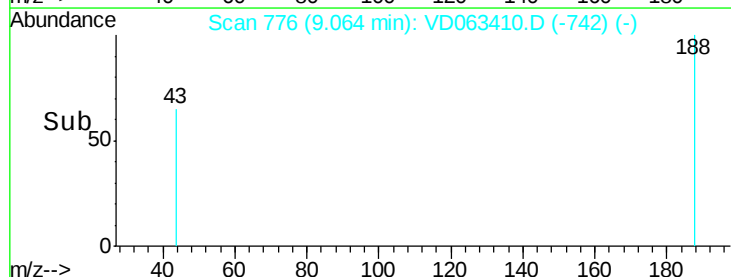
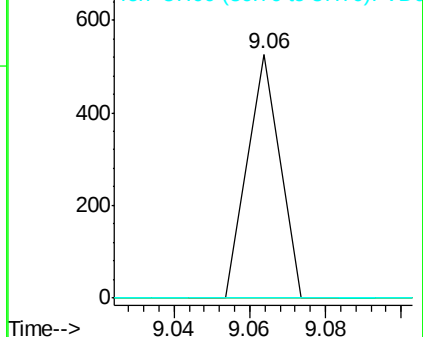
87 0.0 0.2 0.4#

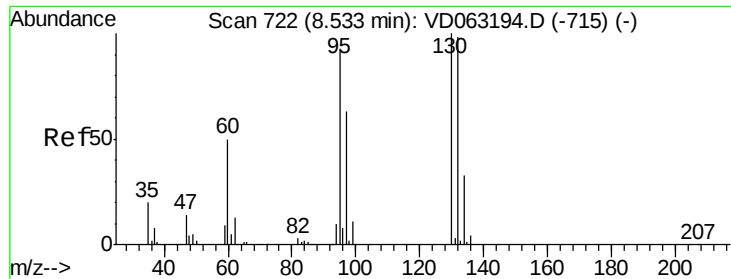


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC





#44

Trichloroethene

Concen: 3.888 ug/l

RT: 8.46 min Scan# 715

Delta R.T. -0.07 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

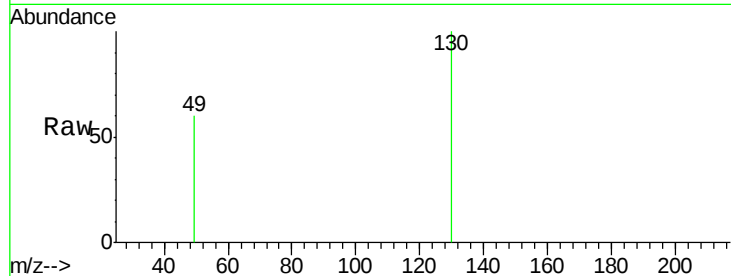
CP-MW2-N-12-16-SOIL

Tot Ion:130 Resp: 327

Ion Ratio Lower Upper

130 100

95 0.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

8.46

600

500

400

300

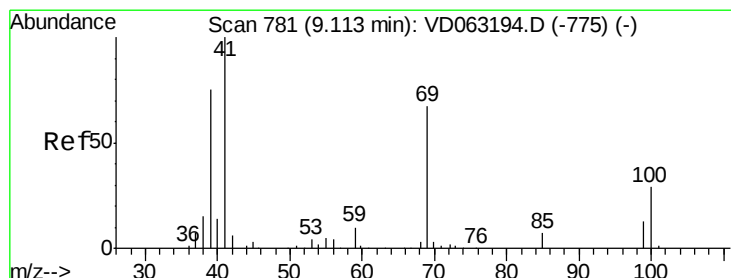
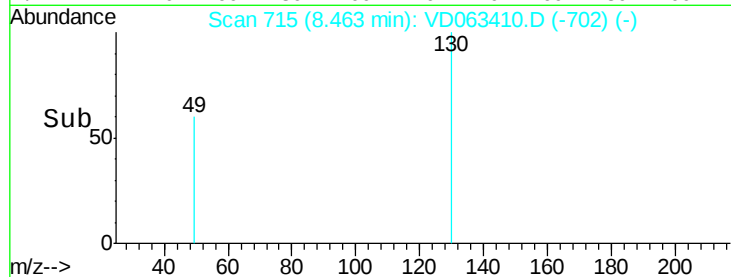
200

100

0

8.44 8.46 8.48

Time-->



#48

Methyl methacrylate

Concen: 5.100 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.02 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

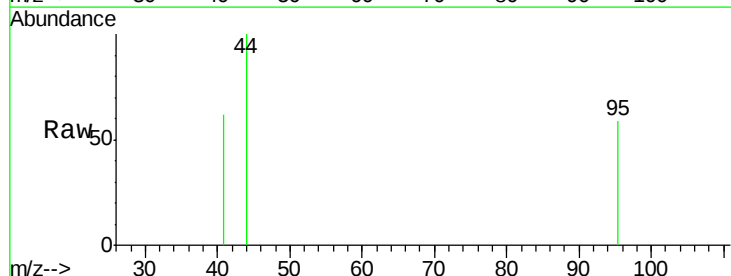
Tgt Ion: 41 Resp: 188

Ion Ratio Lower Upper

41 100

69 0.0 53.4 80.0#

39 0.0 60.3 90.5#



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

600

500

400

300

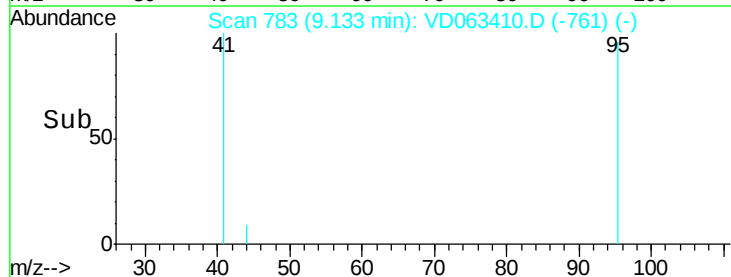
200

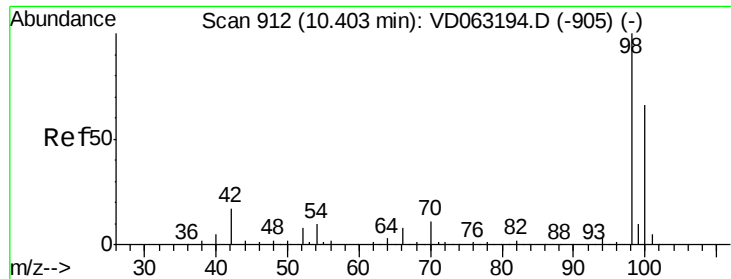
100

0

9.10 9.12 9.14 9.16

Time-->





#50

Toluene-d8

Concen: 55.576 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

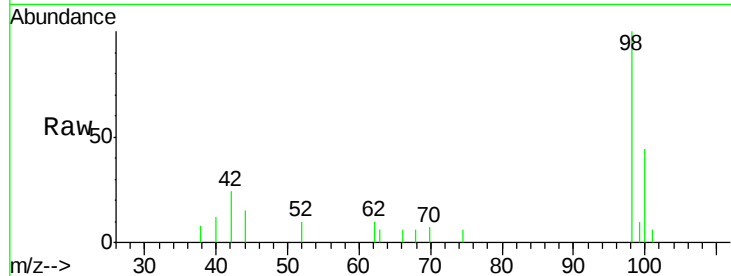
CP-MW2-N-12-16-SOIL

Tot Ion: 98 Resp: 11524

Ion Ratio Lower Upper

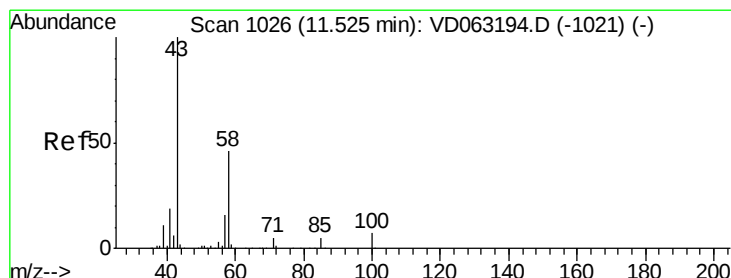
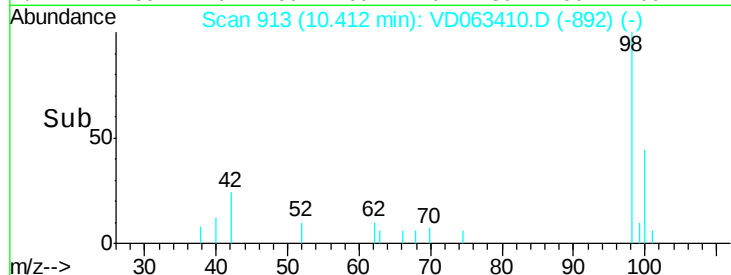
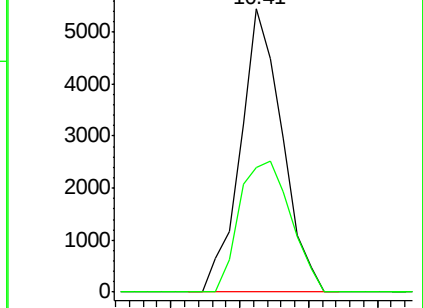
98 100

100 44.0 53.2 79.8#



Abundance Ion 98.05 (97.75 to 98.75): VD063410.D (-892) (-)

Ion 100.05 (99.75 to 100.75): VD063410.D (-892) (-)



#59

2-Hexanone

Concen: 6.713 ug/l

RT: 11.56 min Scan# 1030

Delta R.T. 0.04 min

Lab File: VD063410.D

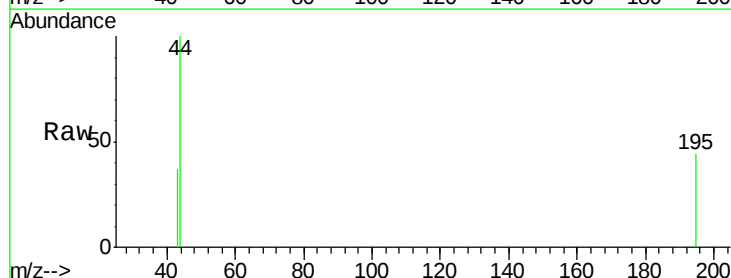
Acq: 6 Aug 2019 20:22

Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

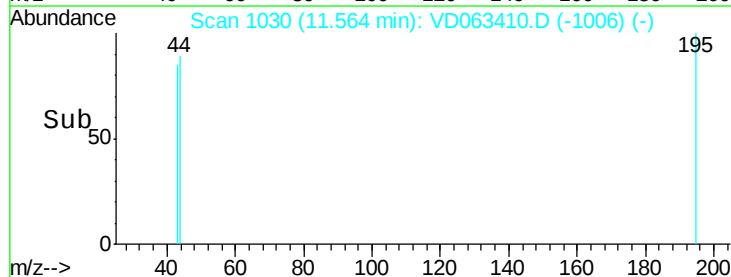
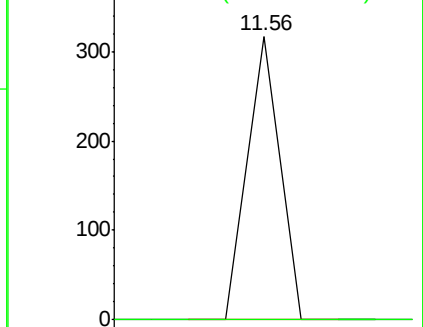
43 100

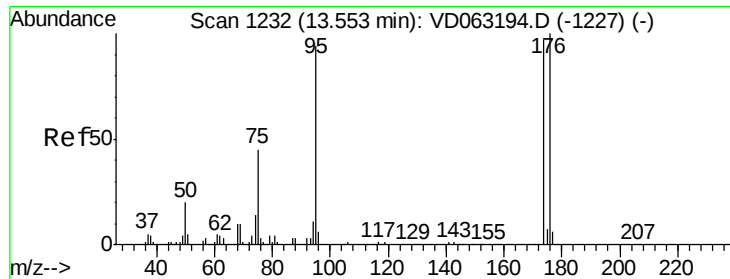
58 0.0 22.9 68.5#



Abundance Ion 42.95 (42.65 to 43.65): VD063410.D (-1006) (-)

Ion 57.95 (57.65 to 58.65): VD063410.D (-1006) (-)

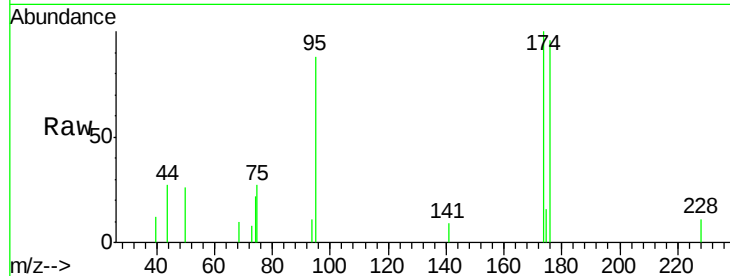




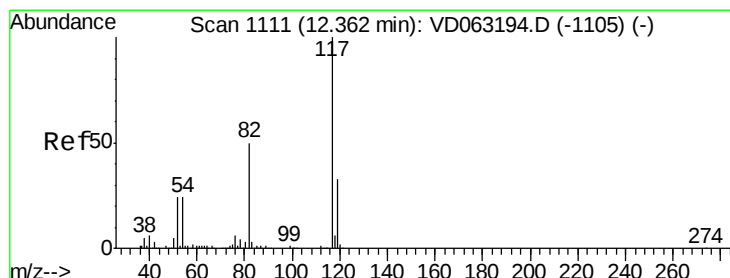
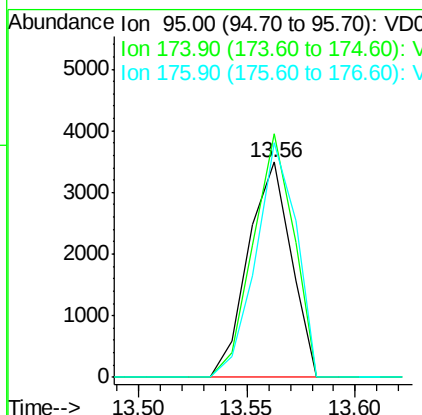
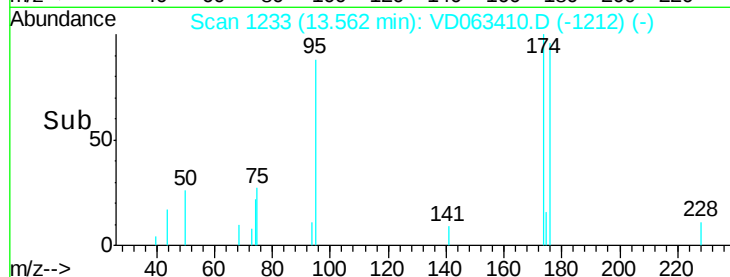
#62
4-Bromofluorobenzene
Concen: 50.883 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063410.D
Acq: 6 Aug 2019 20:22

Instrument :
MSVOA_D
ClientSampleId :
CP-MW2-N-12-16-SOIL

Tot Ion: 95 Resp: 4808
Ion Ratio Lower Upper
95 100
174 113.1 0.0 205.4
176 108.9 0.0 211.8

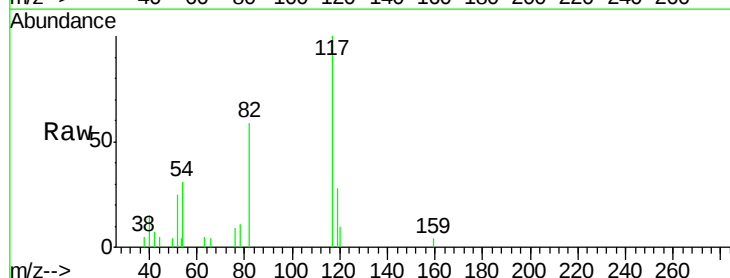


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

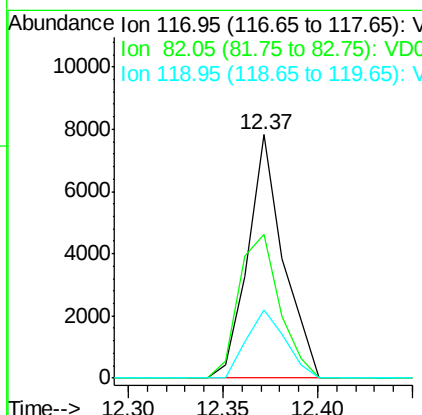
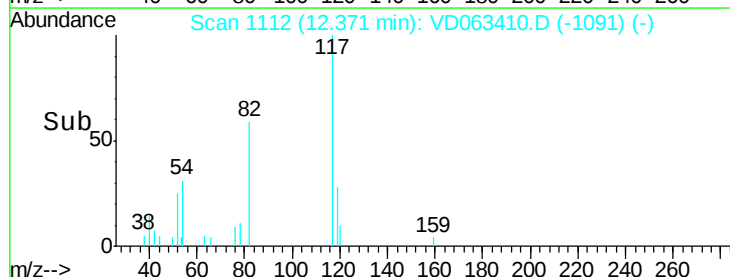


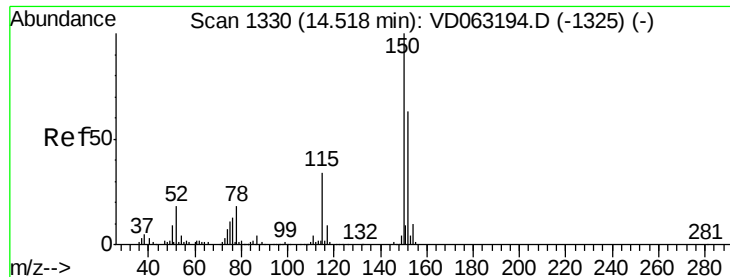
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063410.D
Acq: 6 Aug 2019 20:22

Tgt Ion: 117 Resp: 10166
Ion Ratio Lower Upper
117 100
82 59.3 40.1 60.1
119 27.8 26.5 39.7



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

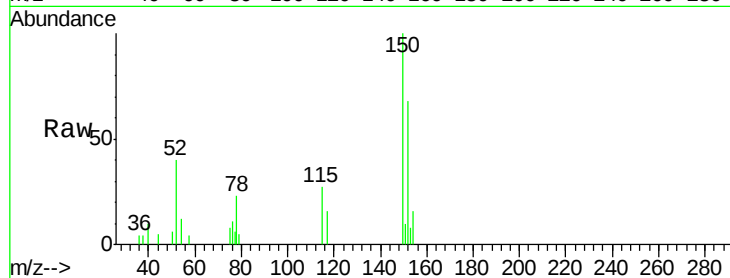
Tot Ion:152 Resp: 5801

Ion Ratio Lower Upper

152 100

115 40.2 27.5 82.4

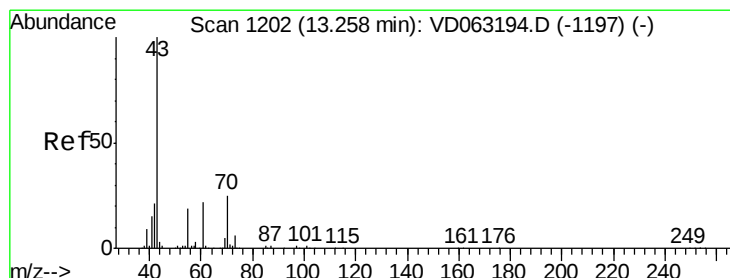
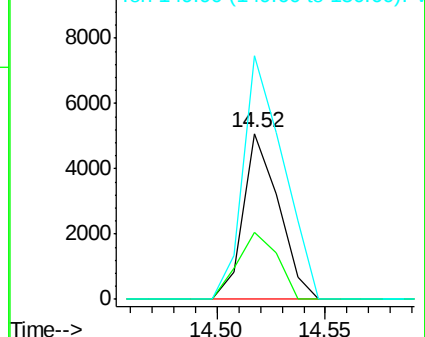
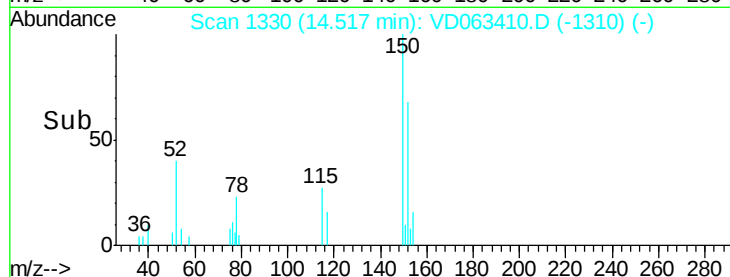
150 147.0 0.0 320.6



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-ethyl acetate

Concen: 2.317 ug/l

RT: 13.14 min Scan# 1190

Delta R.T. -0.12 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Tgt Ion: 43 Resp: 223

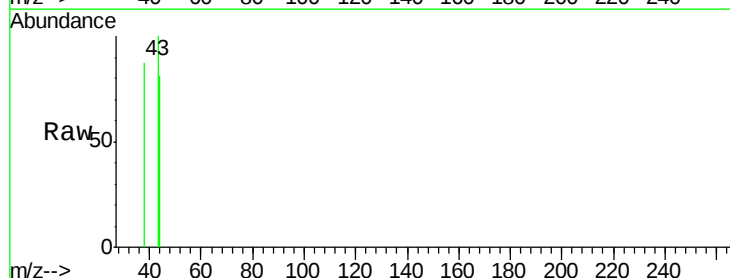
Ion Ratio Lower Upper

43 100

70 0.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#

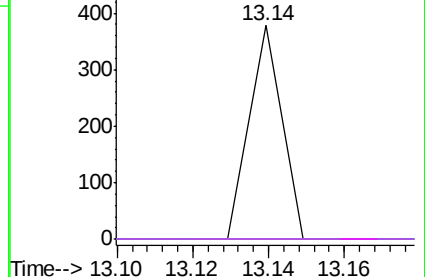
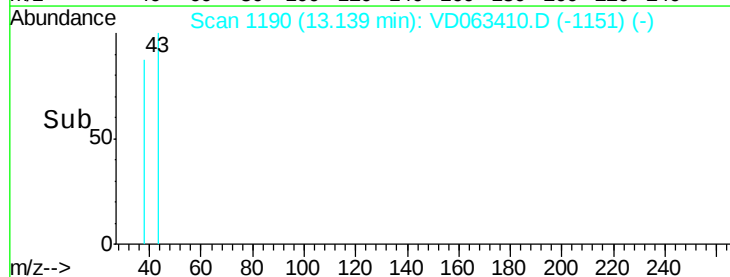


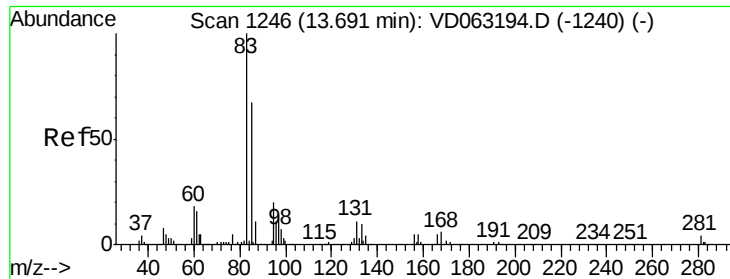
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 3.573 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.03 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

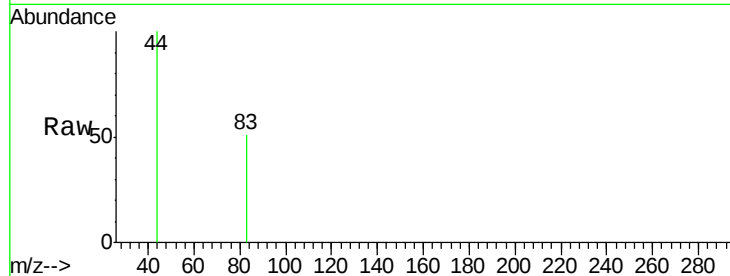
Tot Ion: 83 Resp: 221

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 33.7 101.1#



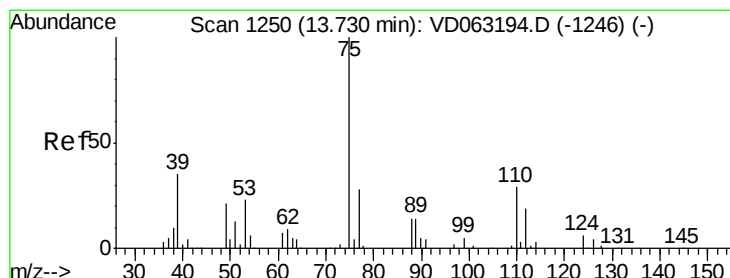
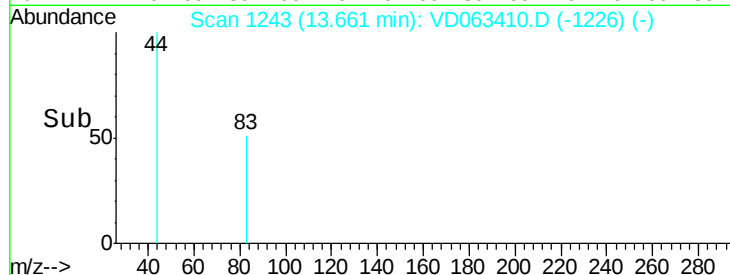
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.66

Time-->



#76

1,2,3-Trichloropropane

Concen: 2.827 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.02 min

Lab File: VD063410.D

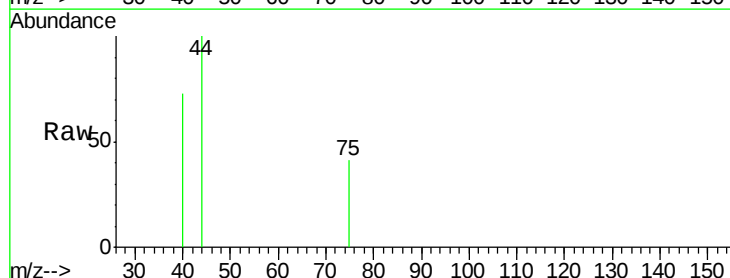
Acq: 6 Aug 2019 20:22

Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

75 100

77 0.0 16.0 48.0#

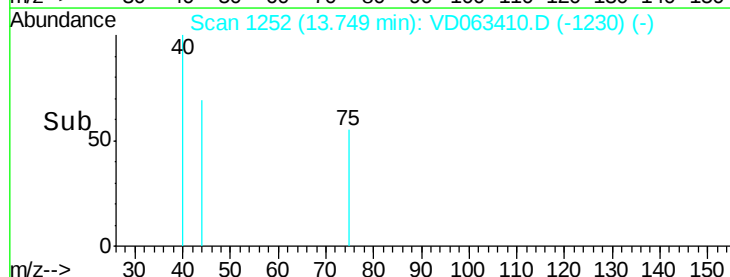


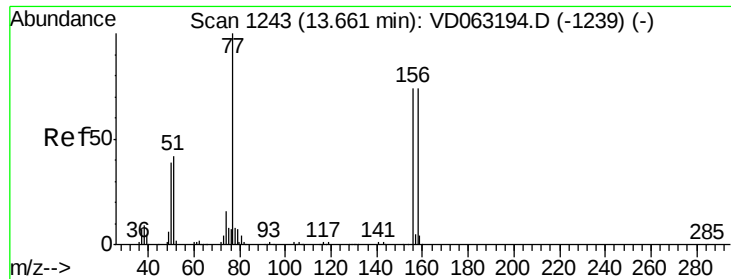
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.75

Time-->





#77

Bromobenzene

Concen: 2.430 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.13 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

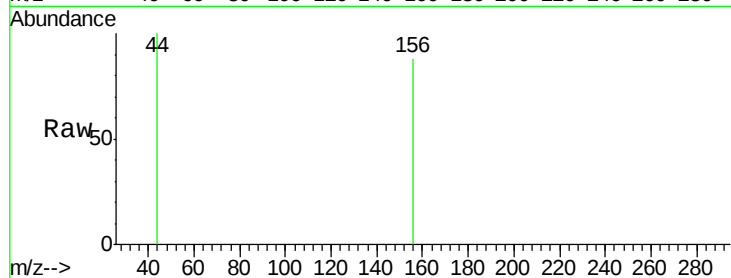
Tot Ion:156 Resp: 252

Ion Ratio Lower Upper

156 100

77 0.0 67.6 202.8#

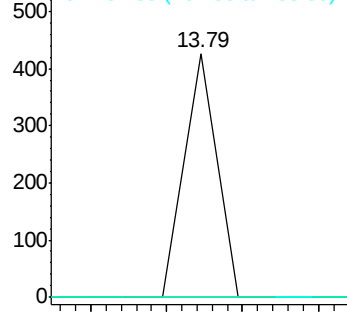
158 0.0 49.8 149.4#



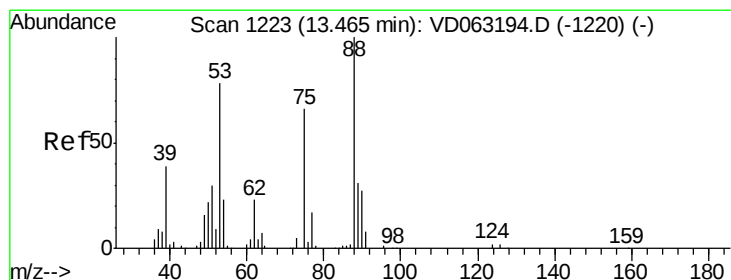
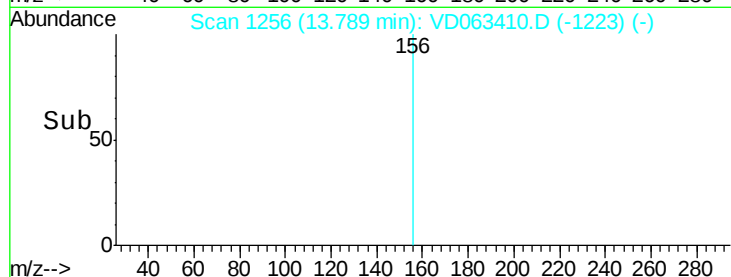
Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 114.792 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.09 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

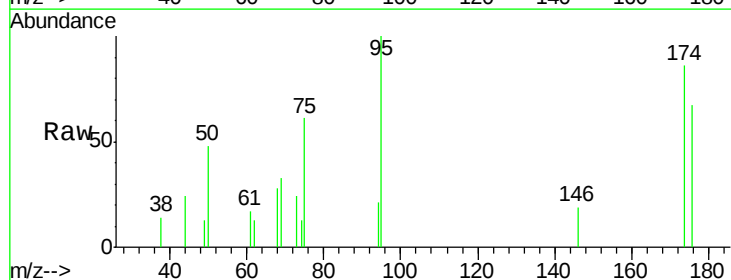
Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

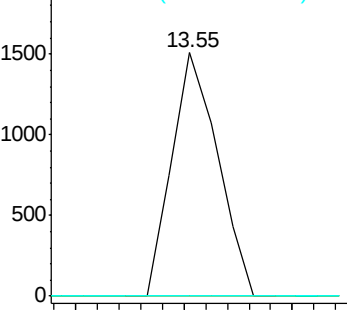
89 0.0 37.4 56.0#



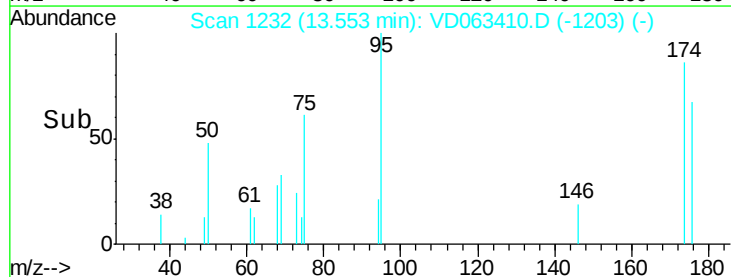
Abundance Ion 75.00 (74.70 to 75.70): V

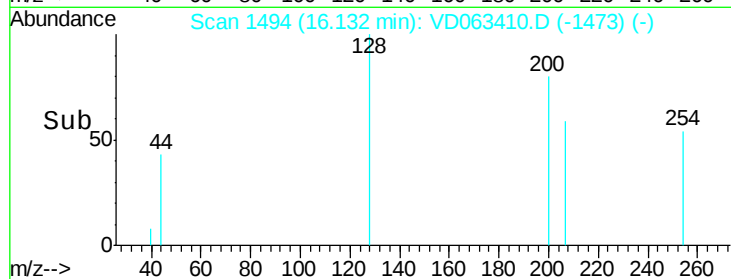
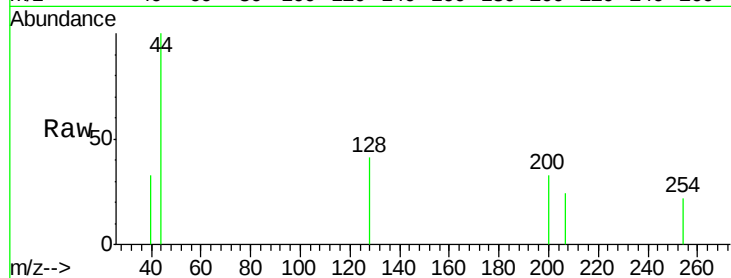
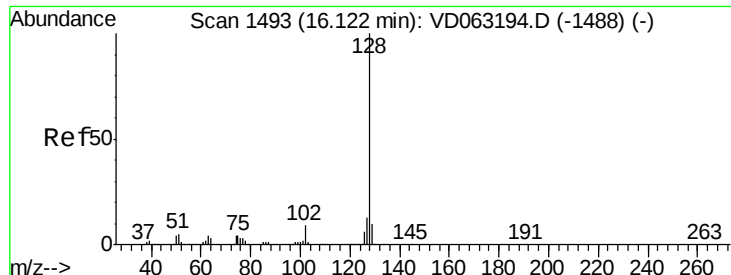
Ion 53.00 (52.70 to 53.70): V

Ion 89.00 (88.70 to 89.70): V



Time-->





#95

Naphthalene

Concen: 2.943 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD063410.D

Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL

Tot Ion:128 Resp: 528

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 7.8 11.8#

