

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						
33) 1,2-Dichloroethane-d4	7.46	65	7350	81.43	ug/l	0.02
Spiked Amount	50.000		Recovery	=	162.86%	
35) Dibromofluoromethane	6.93	113	3084	33.29	ug/l	0.02
Spiked Amount	50.000		Recovery	=	66.58%	
50) Toluene-d8	10.41	98	11524	55.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.16%	
62) 4-Bromofluorobenzene	13.56	95	4808	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	

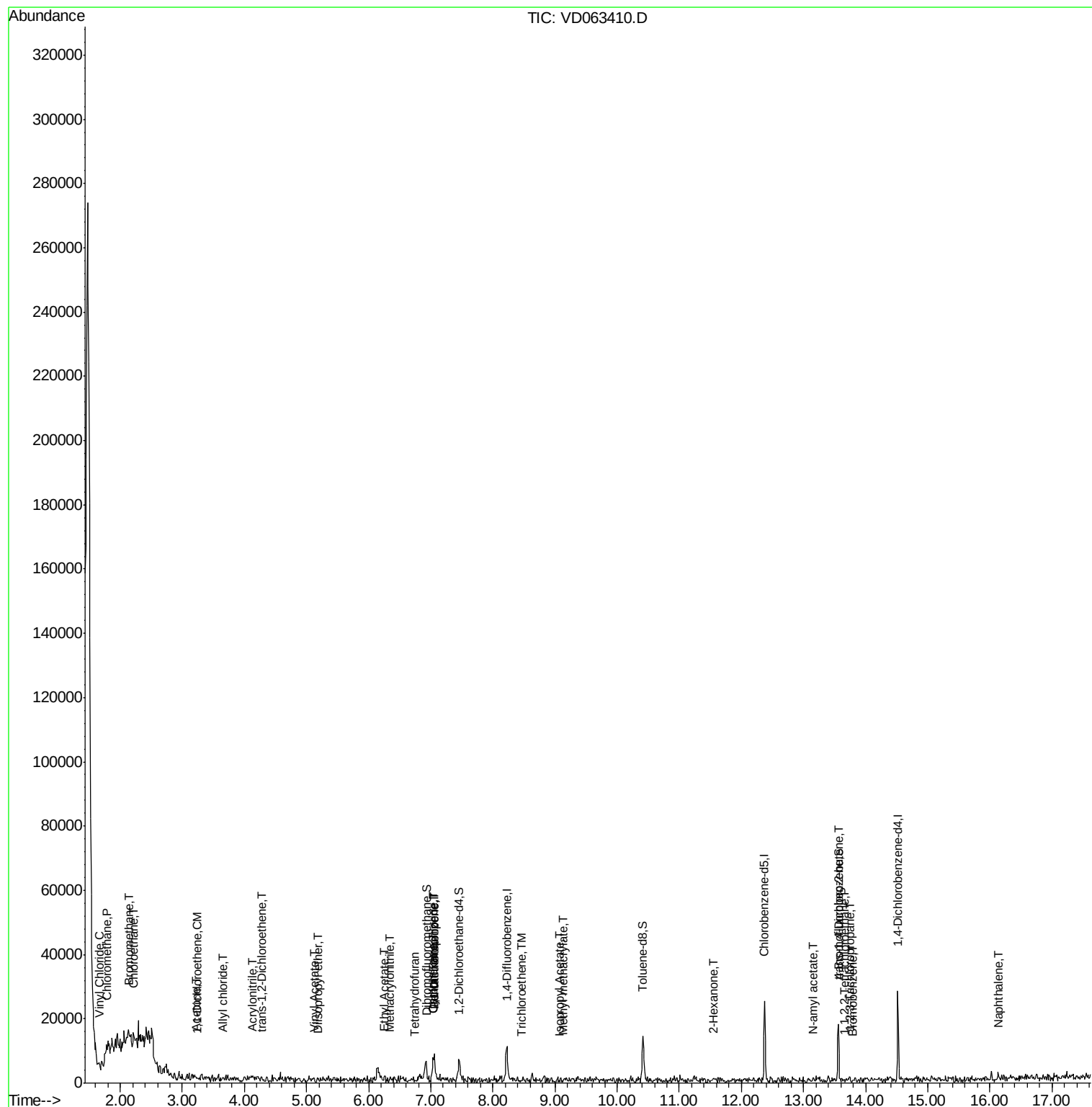
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.78	50	377	4.880	ug/l #	46
4) Vinyl Chloride	1.67	62	194	2.426	ug/l #	1
5) Bromomethane	2.13	94	1350	33.468	ug/l #	12
6) Chloroethane	2.20	64	186	5.037	ug/l #	47
12) 1,1-Dichloroethene	3.24	96	181	2.869	ug/l #	1
14) Allyl chloride	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

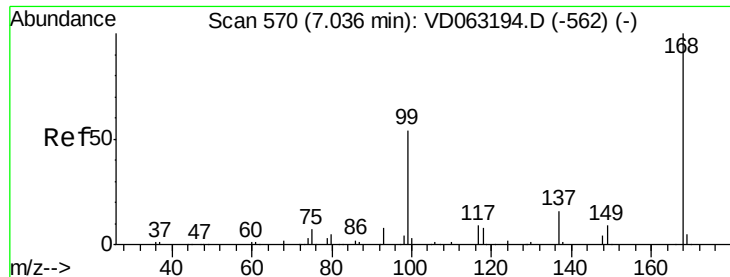
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

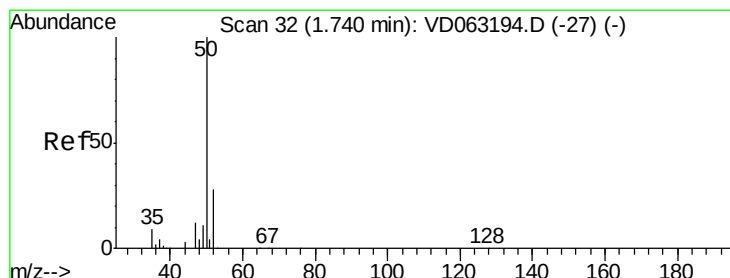
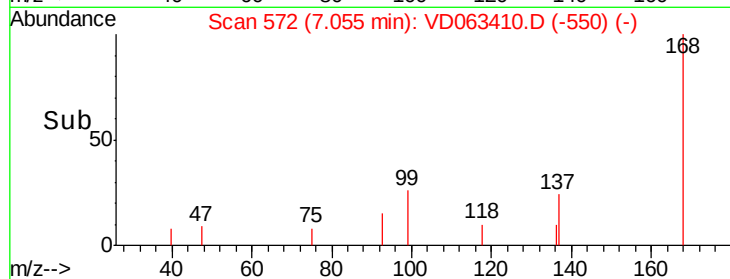
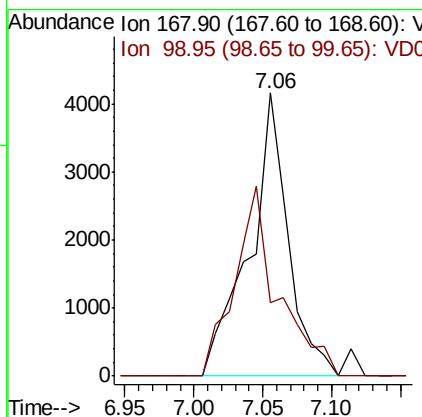
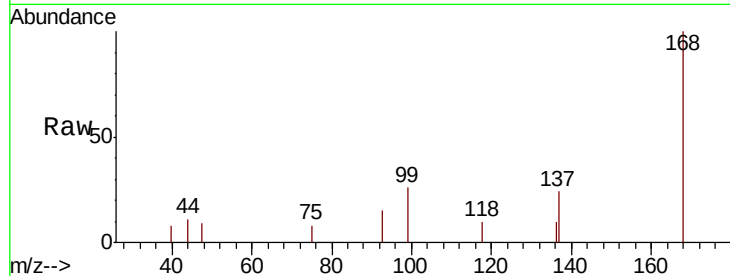




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063410.D
Acq: 6 Aug 2019 20:22

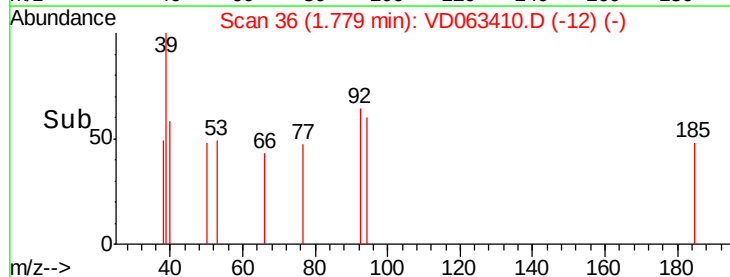
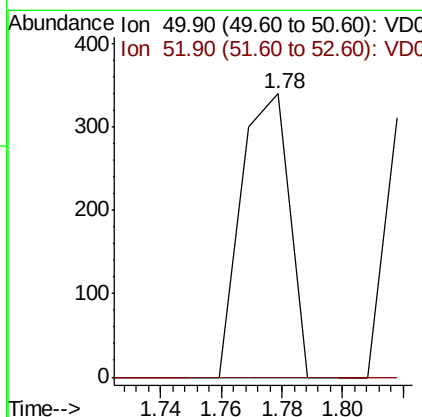
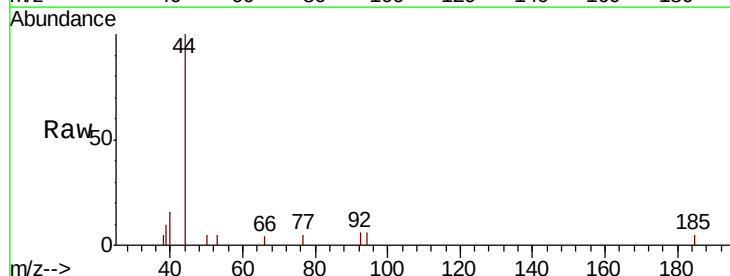
Instrument :
MSVOA_D
ClientSampleId :
CP-MW2-N-12-16-SOIL

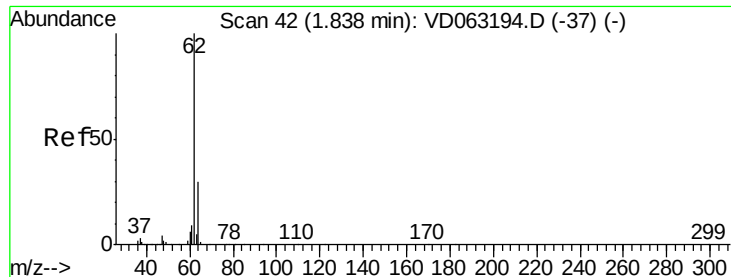
Tgt Ion: 168 Resp: 8135
Ion Ratio Lower Upper
168 100
99 25.8 43.7 65.5#



#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#





#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 :

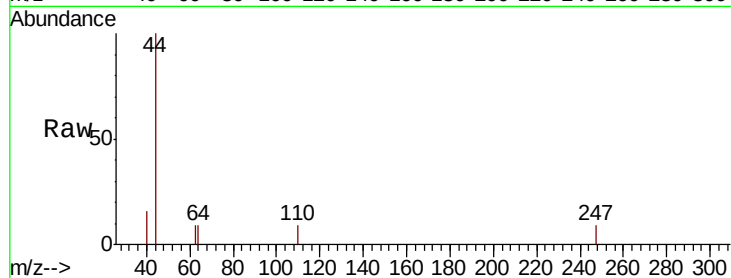
CP-MW2-N-12-16-SOIL

Tgt 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

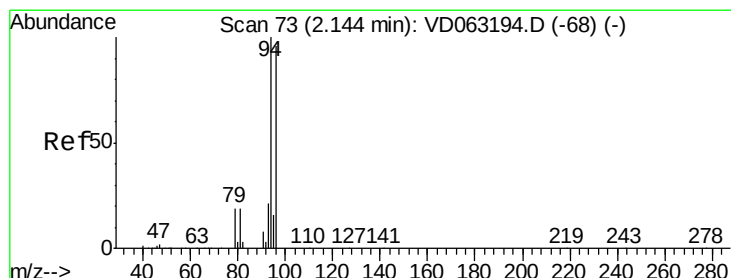
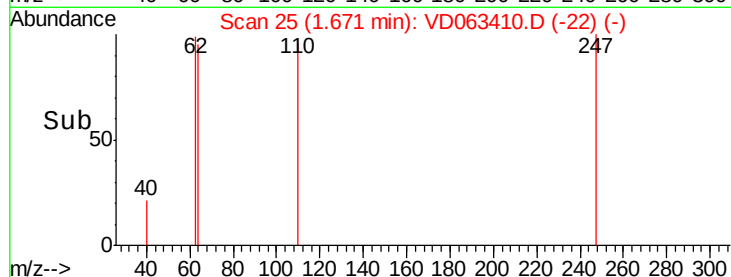
200

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

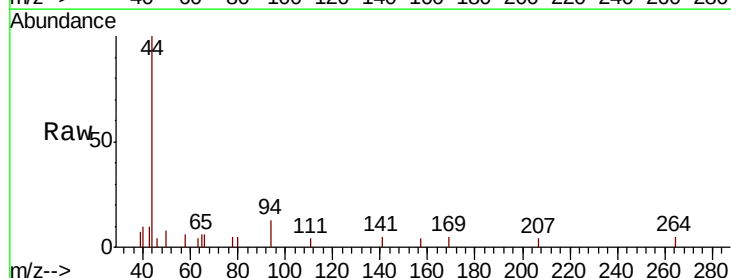
Tgt Ion: 94 Resp: 1350

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

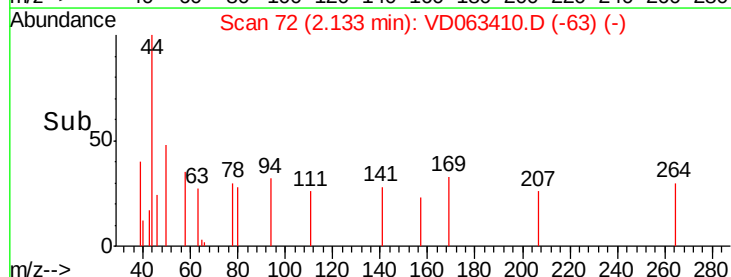
1000

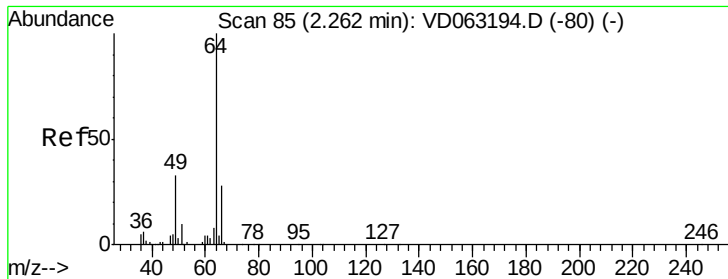
500

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 :

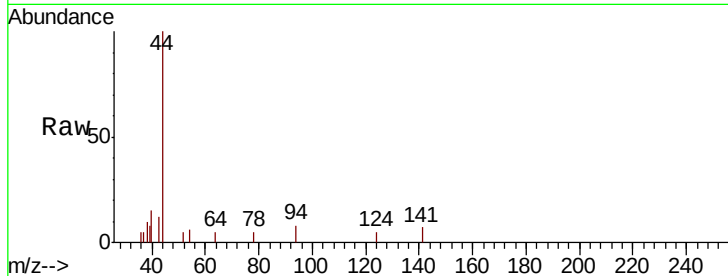
CP-MW2-N-12-16-SOIL

Tgt Ion: 64 Resp: 186

Ion Ratio Lower Upper

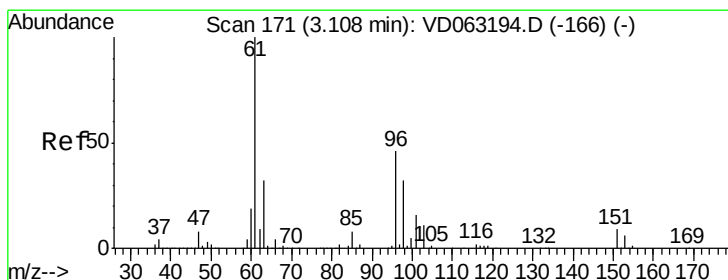
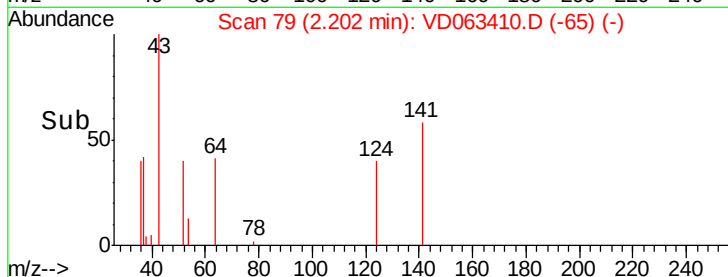
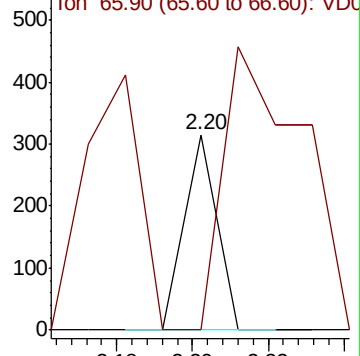
64 100

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

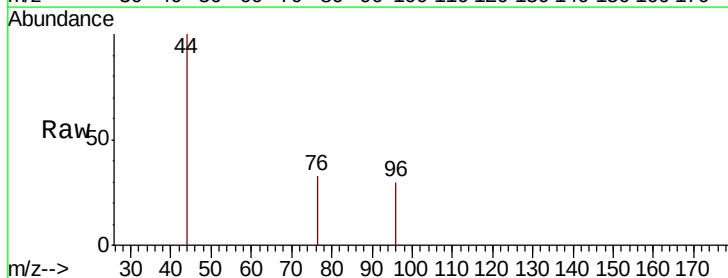
Tgt Ion: 96 Resp: 181

Ion Ratio Lower Upper

96 100

61 0.0 173.7 260.5#

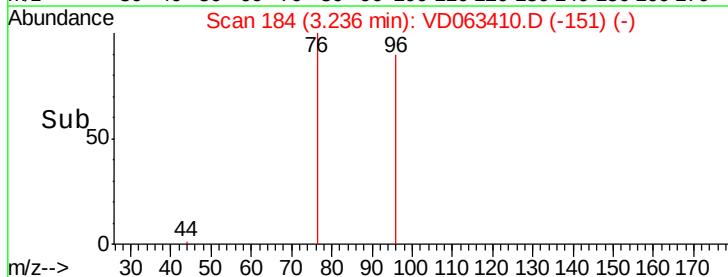
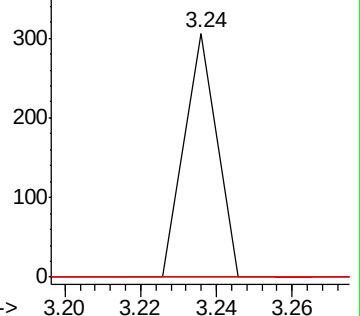
98 0.0 55.8 83.8#

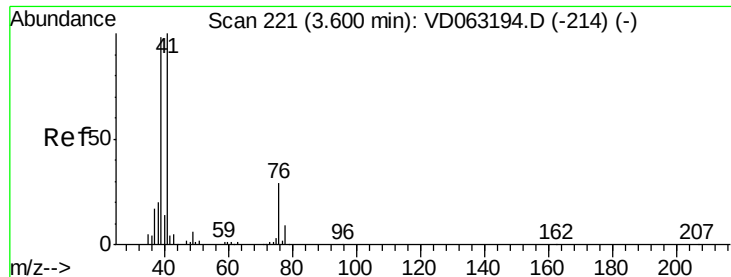


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC

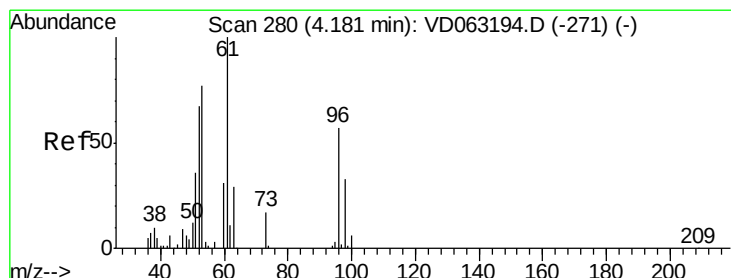
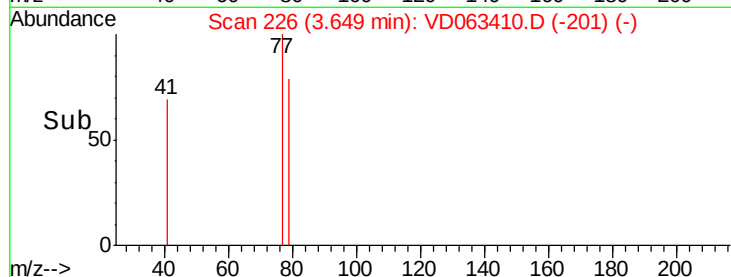
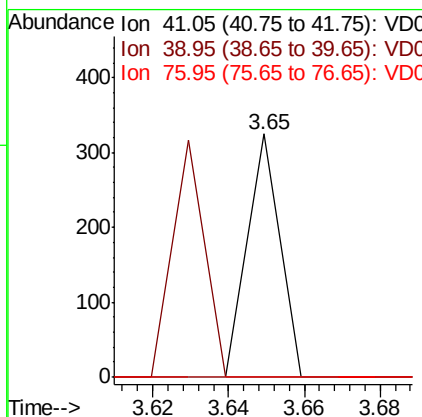
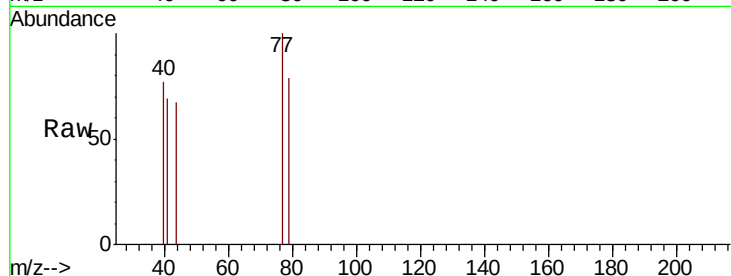




#14
 Allyl chloride
 Concen: 1.910 ug/l
 RT: 3.65 min Scan# 226
 Delta R.T. 0.05 min
 Lab File: VD063410.D
 Acq: 6 Aug 2019 20:22

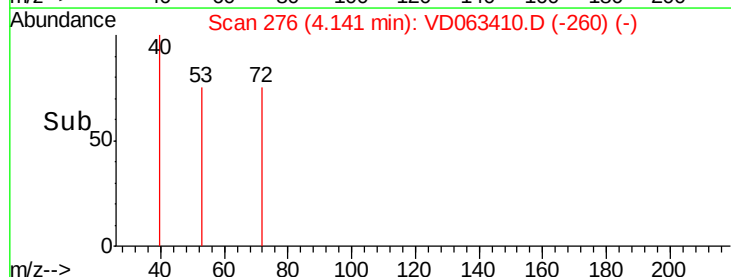
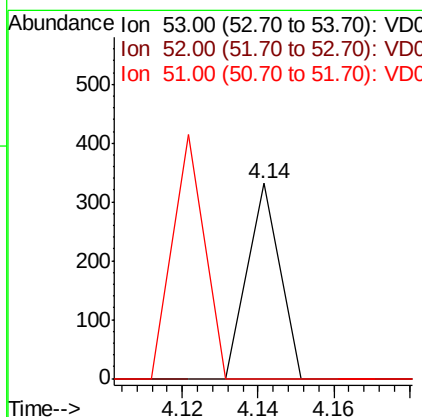
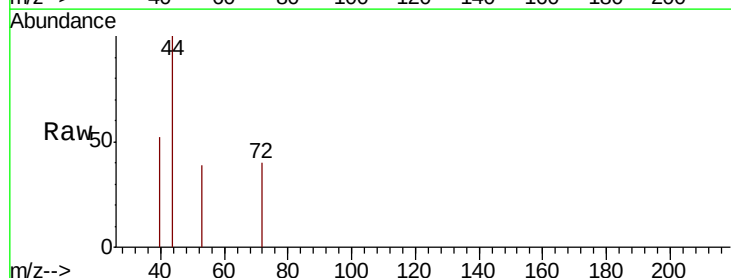
Instrument :
 MSVOA_D
 ClientSampleId :
 CP-MW2-N-12-16-SOIL

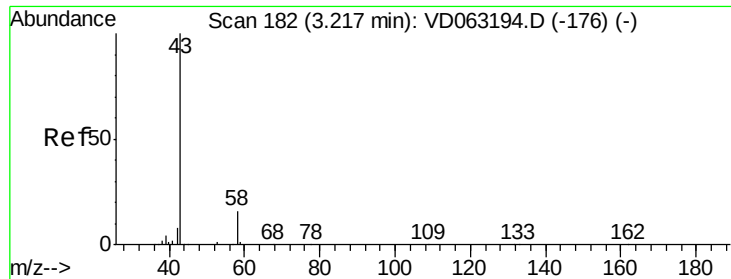
Tgt Ion: 41 Resp: 192
 Ion Ratio Lower Upper
 41 100
 39 0.0 78.6 117.8#
 76 0.0 24.5 36.7#



#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#





#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 :

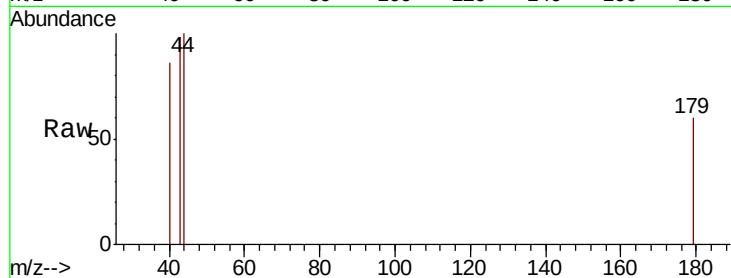
CP-MW2-N-12-16-SOIL

Tgt 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

3.22

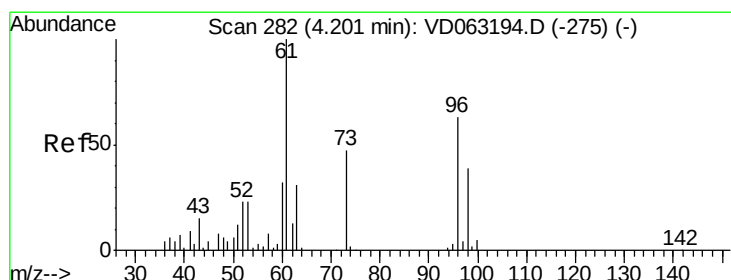
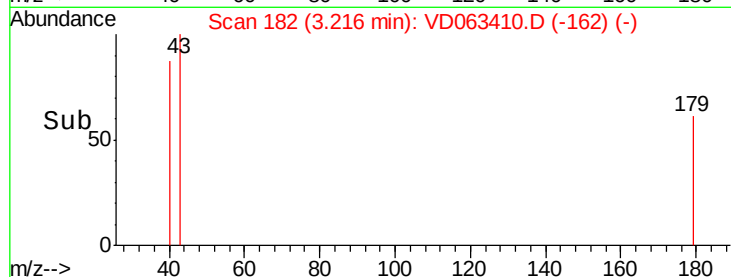
600

400

200

0

Time--> 3.15 3.20 3.25



#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

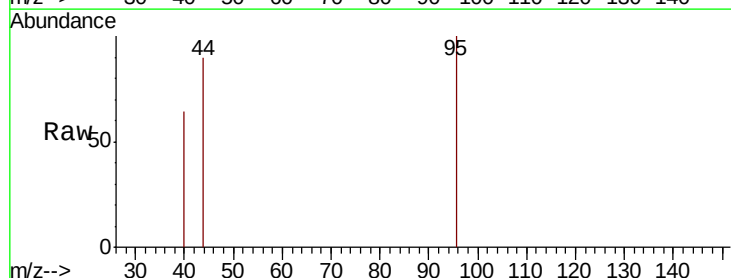
Tgt Ion: 96 Resp: 278

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

600

500

400

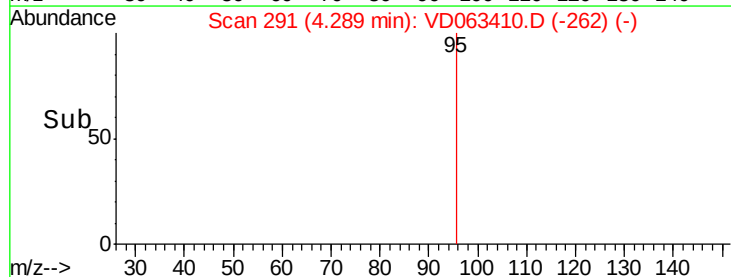
300

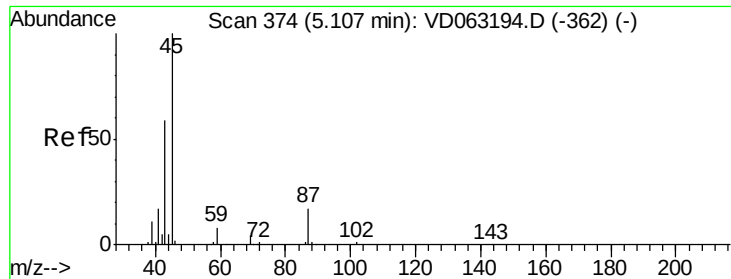
200

100

0

Time--> 4.26 4.28 4.30 4.32





#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

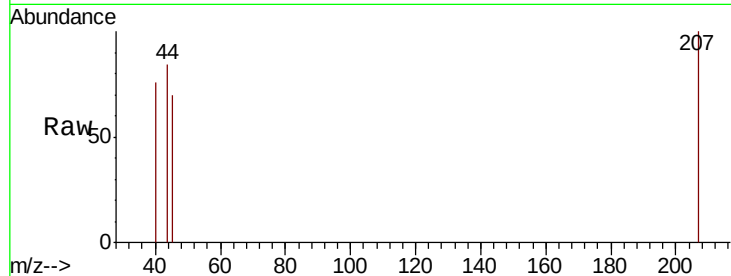
Instrument :

MSVOA_D

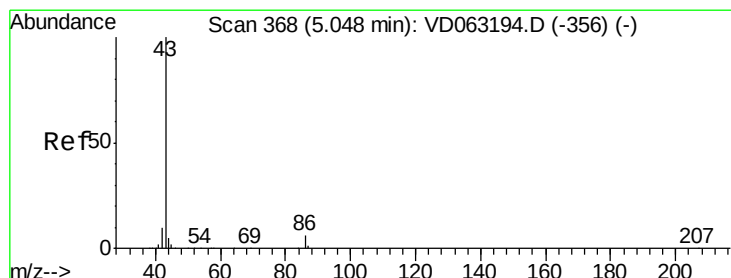
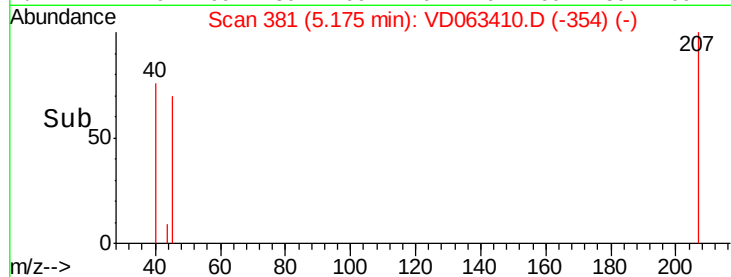
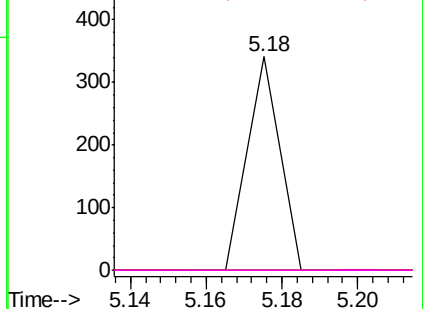
ClientSampleId :

CP-MW2-N-12-16-SOIL

Tgt 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

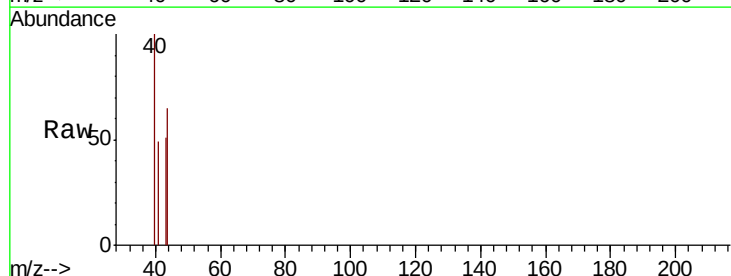
RT: 5.12 min Scan# 375

Delta R.T. 0.07 min

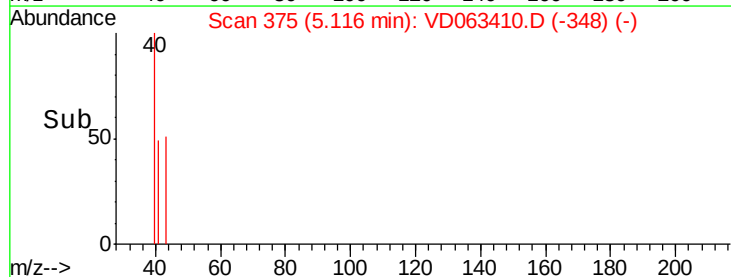
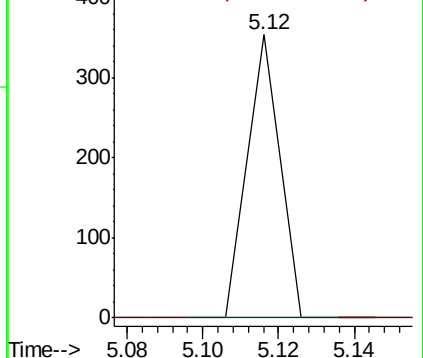
Lab File: VD063410.D

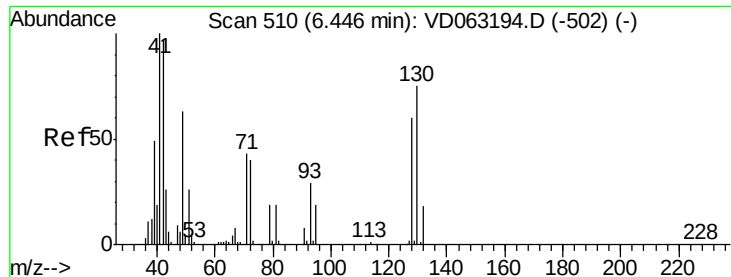
Acq: 6 Aug 2019 20:22

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

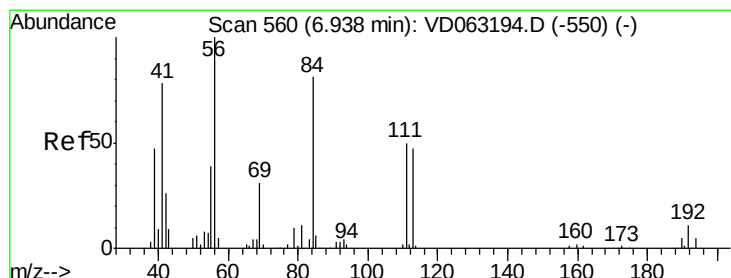
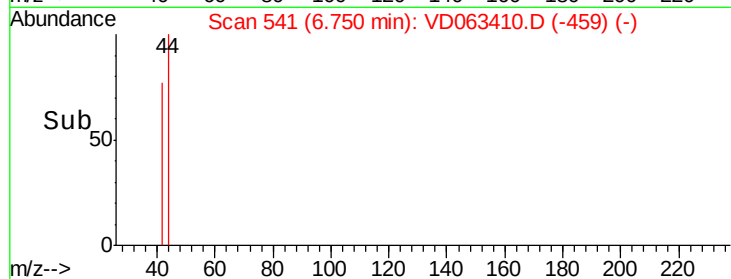
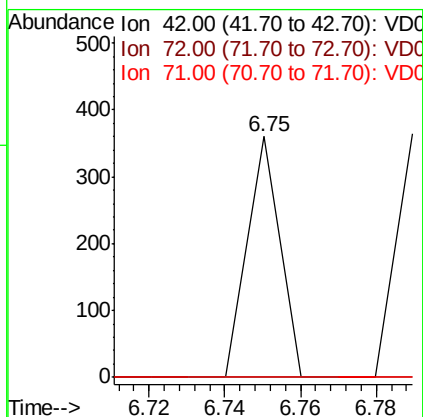
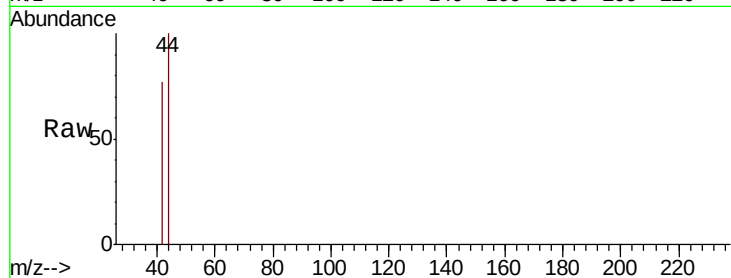
Tgt Ion: 42 Resp: 213

Ion Ratio Lower Upper

42 100

72 0.0 33.4 50.2#

71 0.0 35.7 53.5#



#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

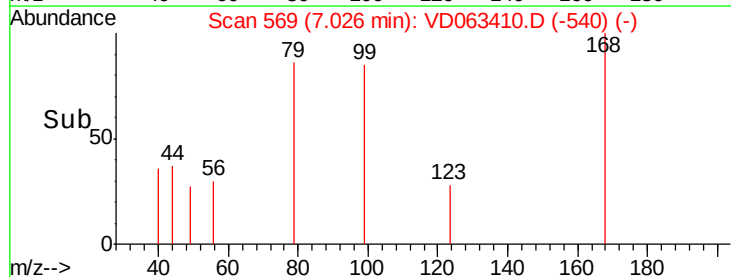
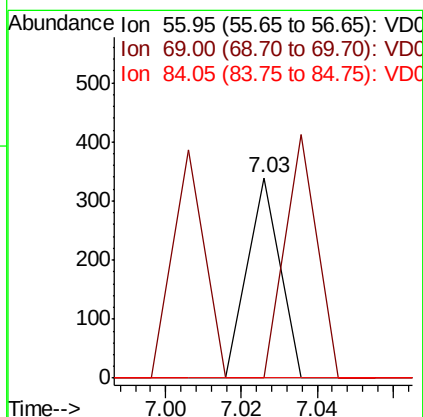
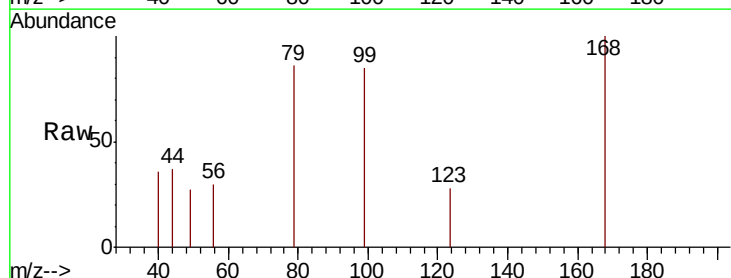
Tgt Ion: 56 Resp: 200

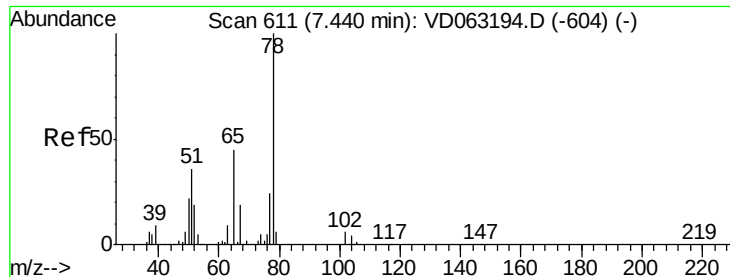
Ion Ratio Lower Upper

56 100

69 0.0 24.5 36.7#

84 0.0 64.9 97.3#





#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 :

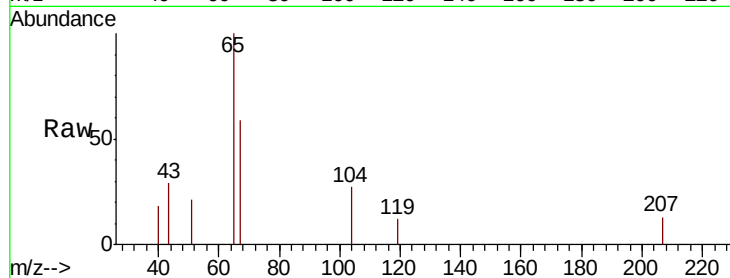
CP-MW2-N-12-16-SOIL

Tgt Ion: 65 Resp: 7350

Ion Ratio Lower Upper

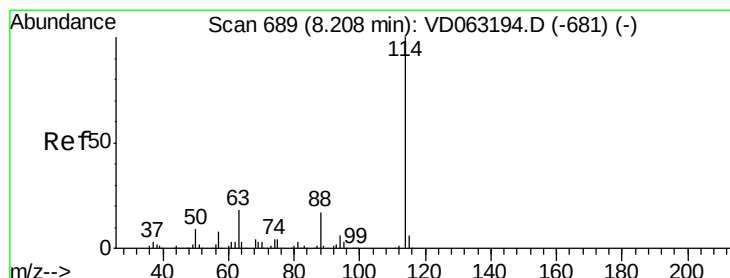
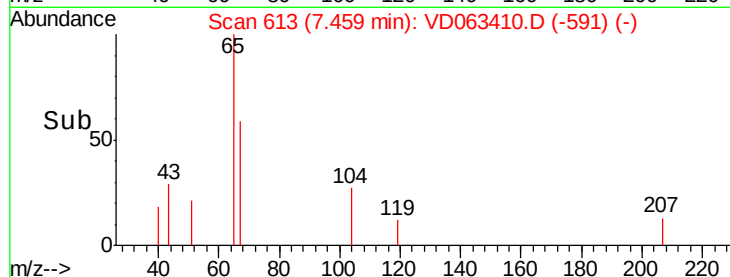
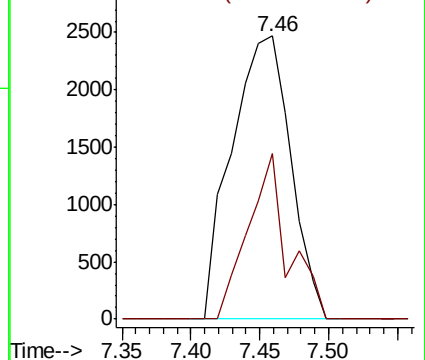
65 100

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



#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

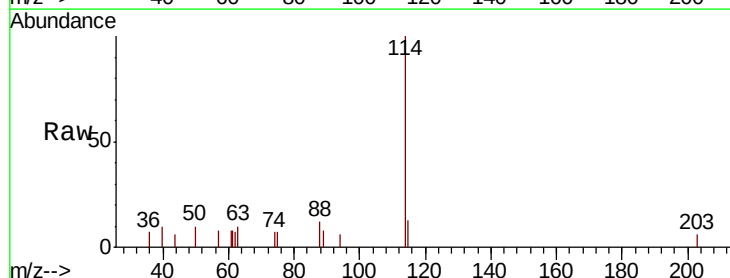
Tgt Ion: 114 Resp: 10852

Ion Ratio Lower Upper

114 100

63 10.4 0.0 35.2

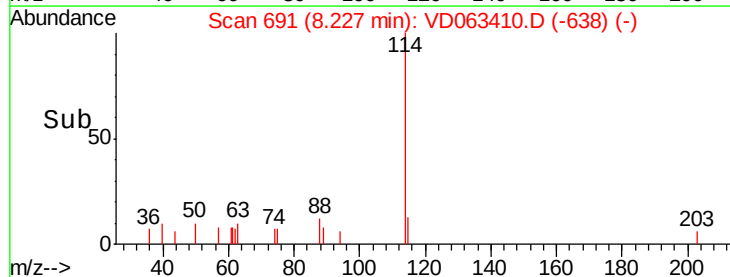
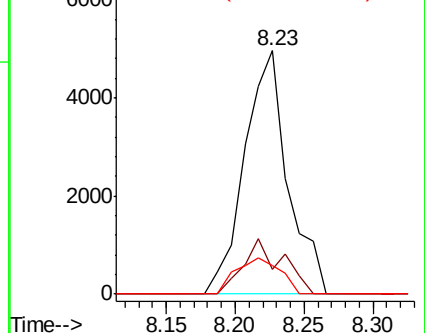
88 11.9 0.0 34.6

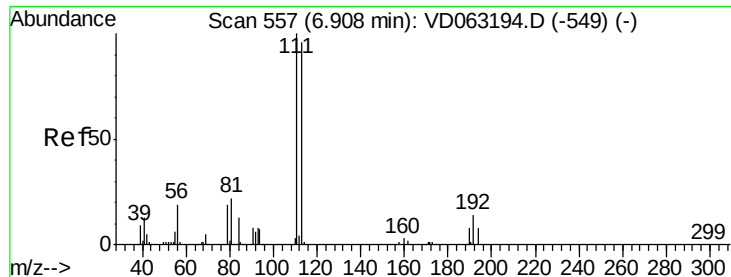


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#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

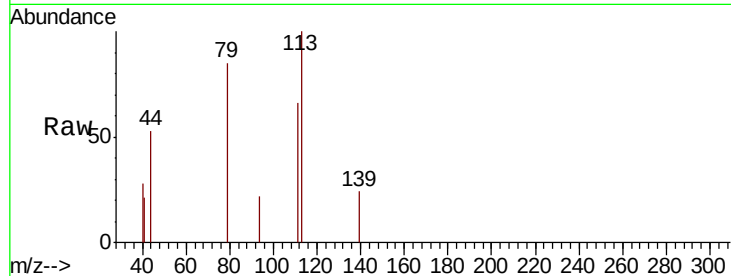
Tgt Ion:113 Resp: 3084

Ion Ratio Lower Upper

113 100

111 66.4 83.2 124.8#

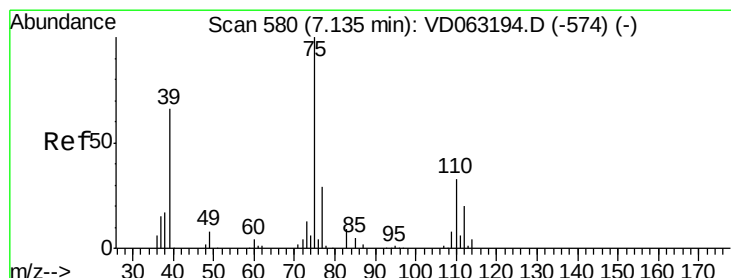
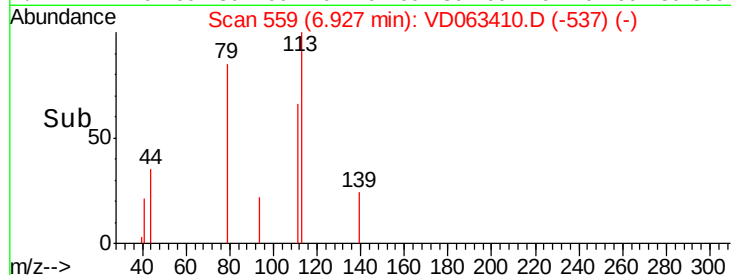
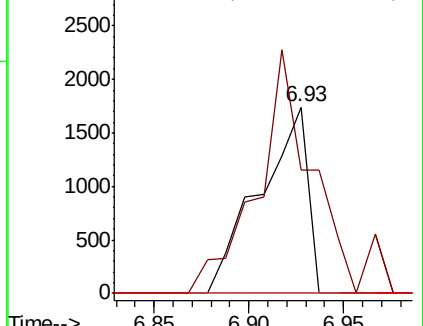
192 0.0 11.8 17.8#



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

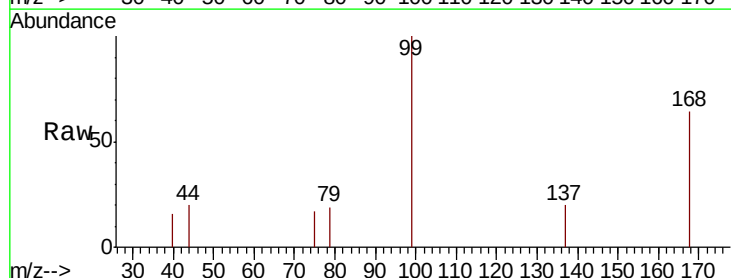
Tgt Ion: 75 Resp: 659

Ion Ratio Lower Upper

75 100

110 0.0 16.1 48.2#

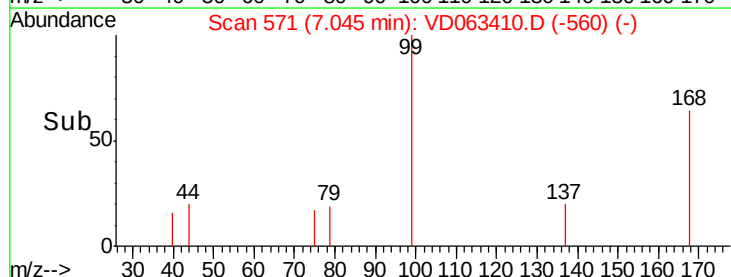
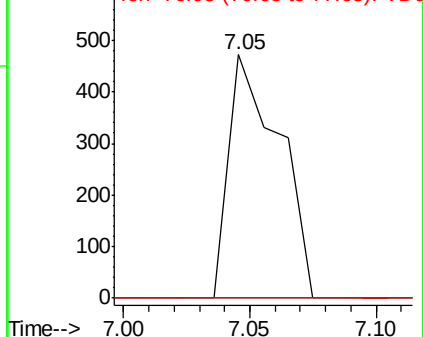
77 0.0 22.7 34.1#

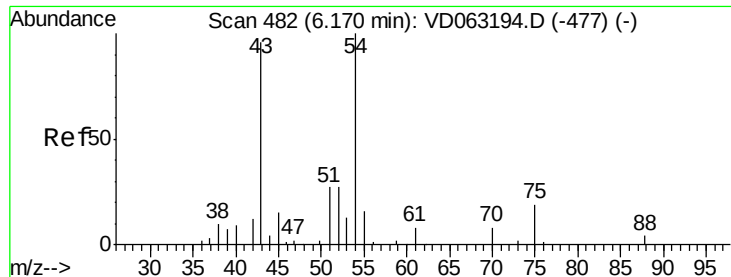


Abundance Ion 75.00 (74.70 to 75.70): V

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

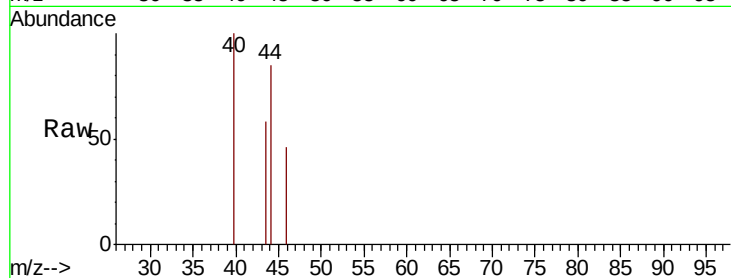
Tgt Ion: 43 Resp: 227

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

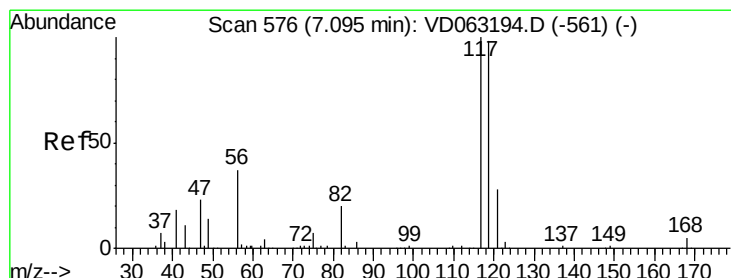
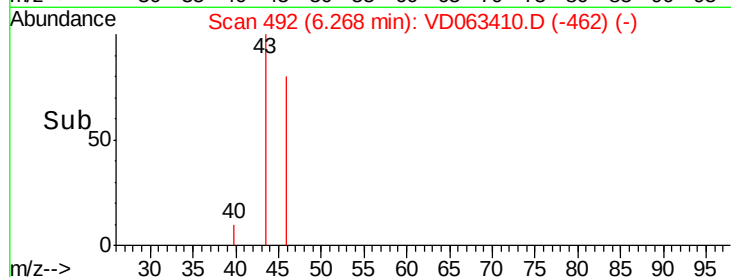
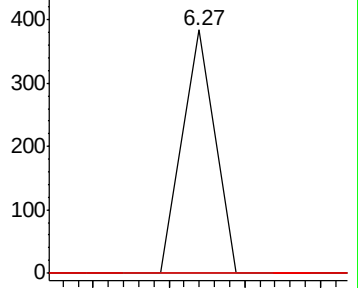
70 0.0 5.1 7.7#



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



#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

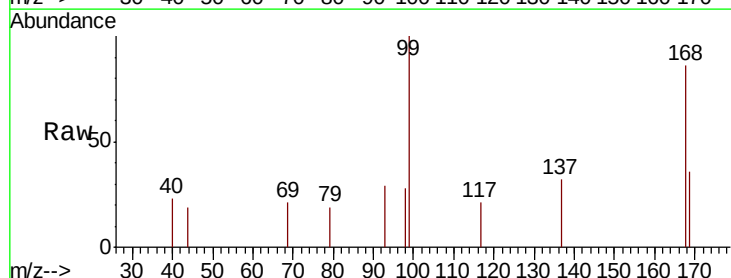
Tgt Ion: 117 Resp: 240

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

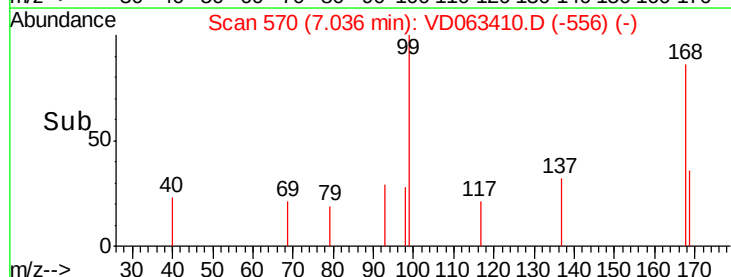
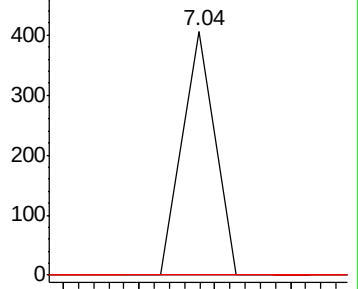
121 0.0 22.1 33.1#

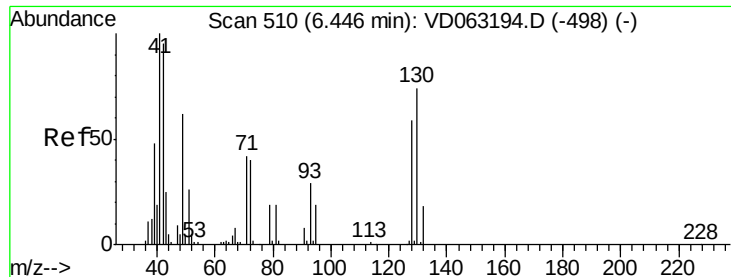


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#41

Methacrylonitrile

Concen: 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

Tgt Ion: 41 Resp: 308

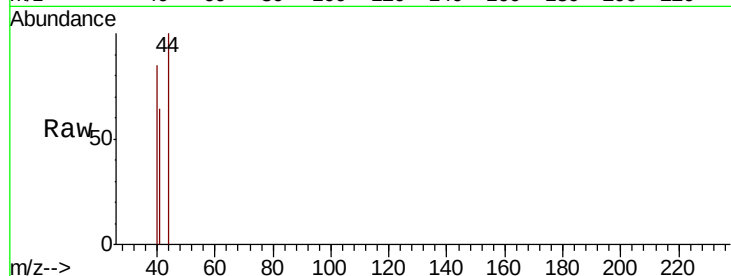
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#

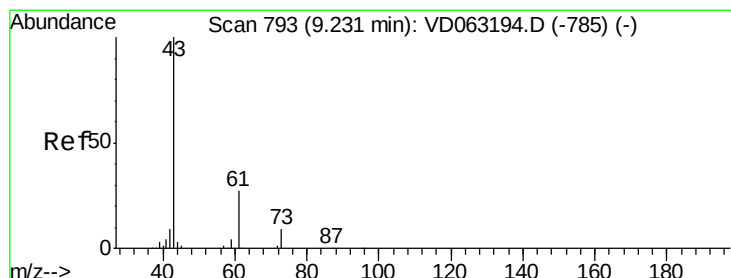
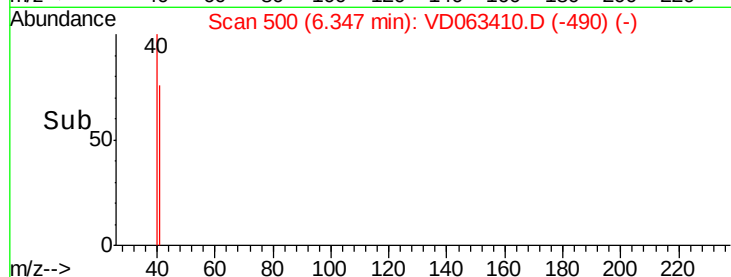
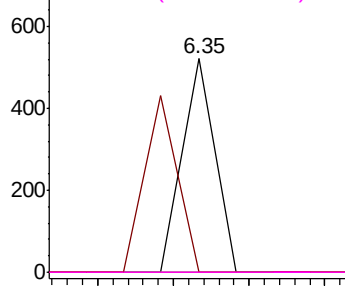


Abundance Ion 40.95 (40.65 to 41.65): VDC

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

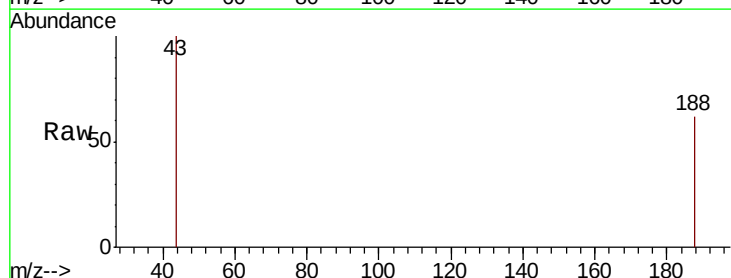
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

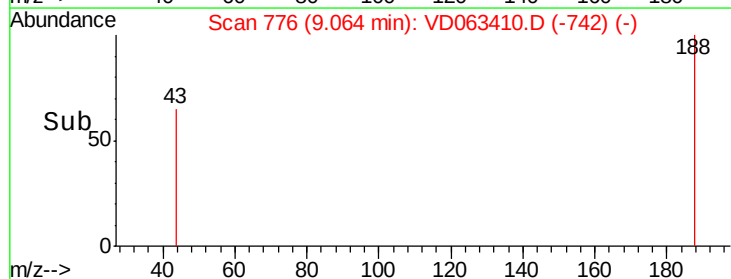
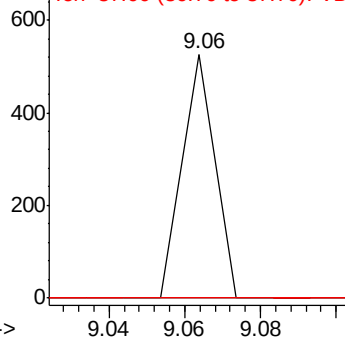
87 0.0 0.2 0.4#

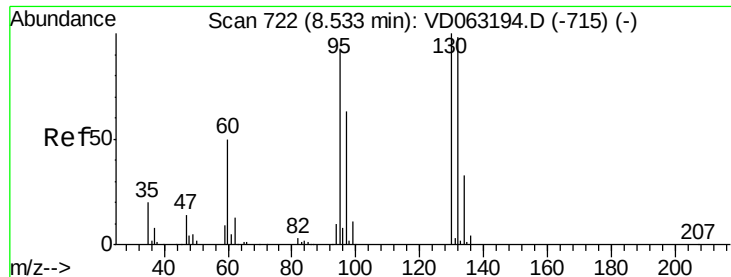


Abundance Ion 42.95 (42.65 to 43.65): VDC

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 :

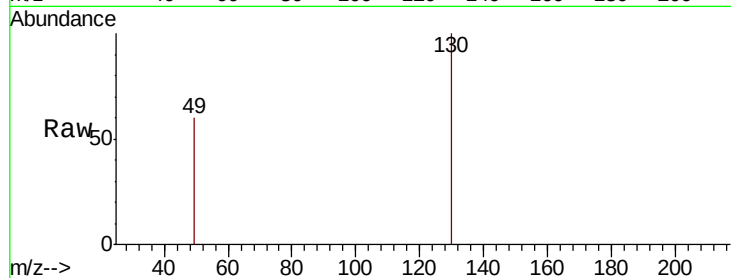
CP-MW2-N-12-16-SOIL

Tgt 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

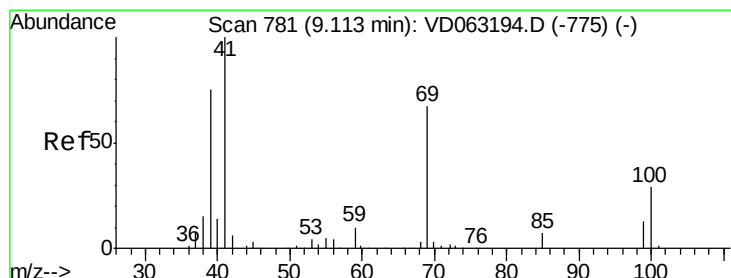
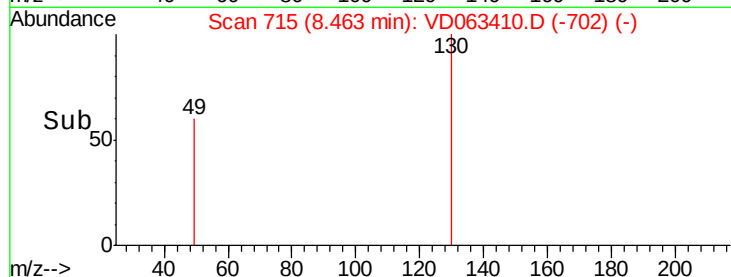
200

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

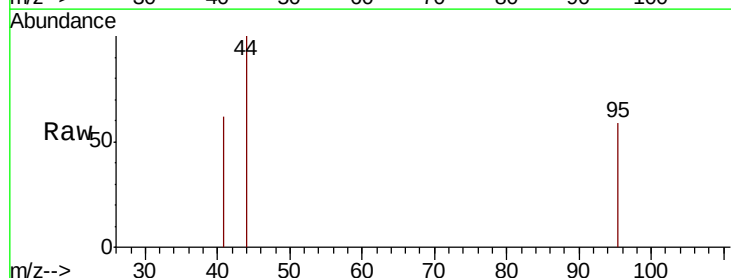
Tgt Ion: 41 Resp: 188

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

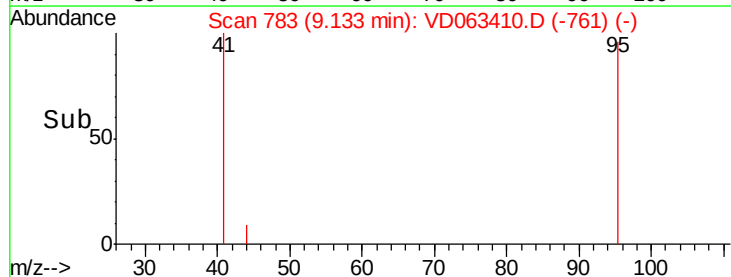
200

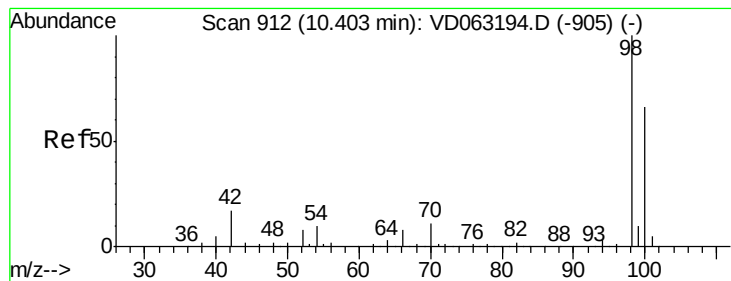
100

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 :

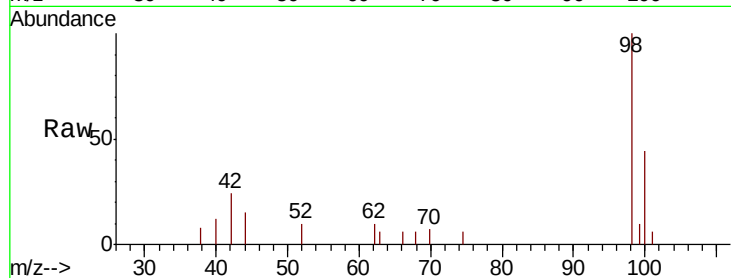
CP-MW2-N-12-16-SOIL

Tgt Ion: 98 Resp: 11524

Ion Ratio Lower Upper

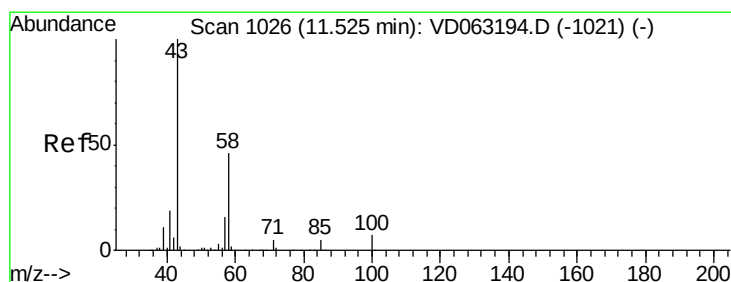
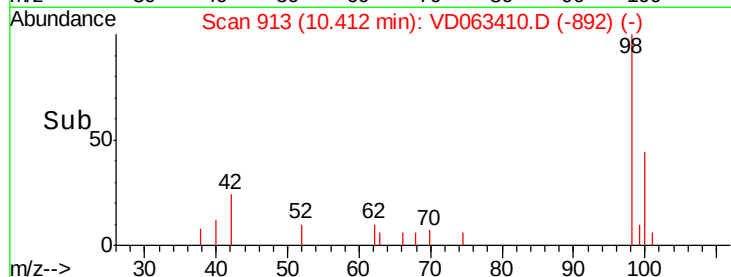
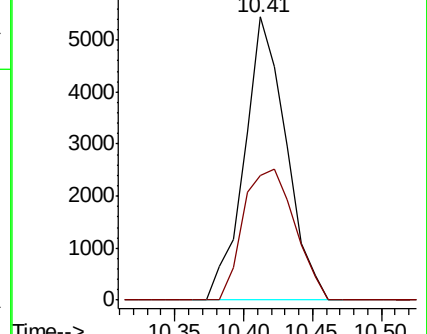
98 100

100 44.0 53.2 79.8#



Abundance Ion 98.05 (97.75 to 98.75): VD063194.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063194.D (-905) (-)



#59

2-Hexanone

Concen: 6.713 ug/l

RT: 11.56 min Scan# 1030

Delta R.T. 0.04 min

Lab File: VD063410.D

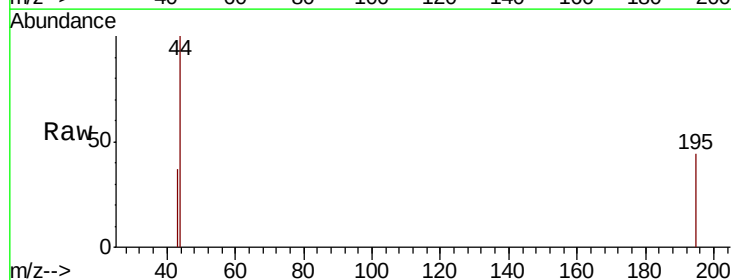
Acq: 6 Aug 2019 20:22

Tgt Ion: 43 Resp: 187

Ion Ratio Lower Upper

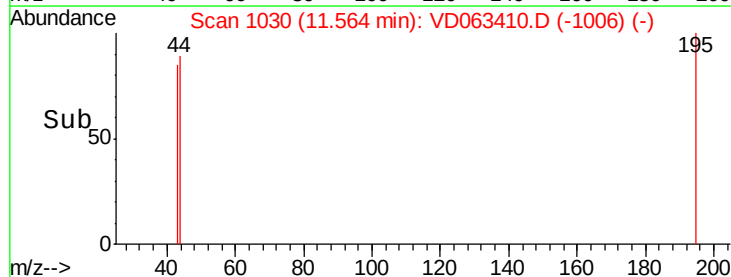
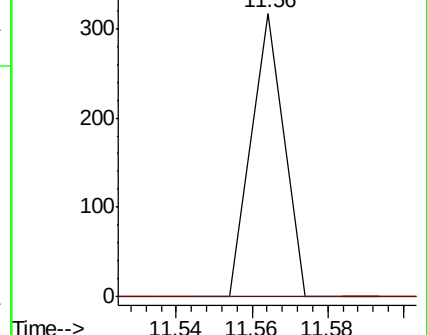
43 100

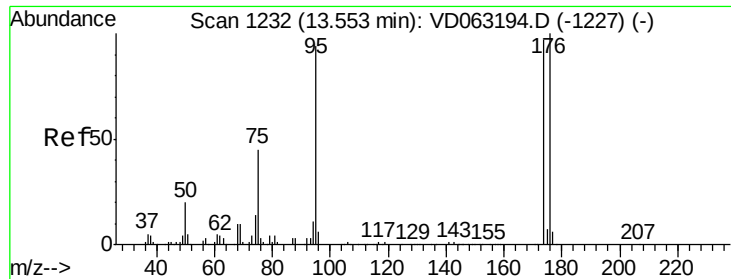
58 0.0 22.9 68.5#



Abundance Ion 42.95 (42.65 to 43.65): VD063194.D (-1021) (-)

Ion 57.95 (57.65 to 58.65): VD063194.D (-1021) (-)





#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

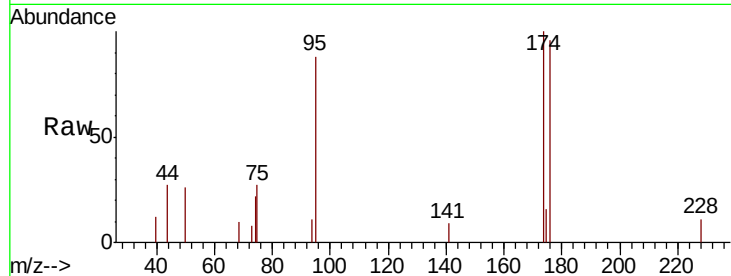
Tgt Ion: 95 Resp: 4808

Ion Ratio Lower Upper

95 100

174 113.1 0.0 205.4

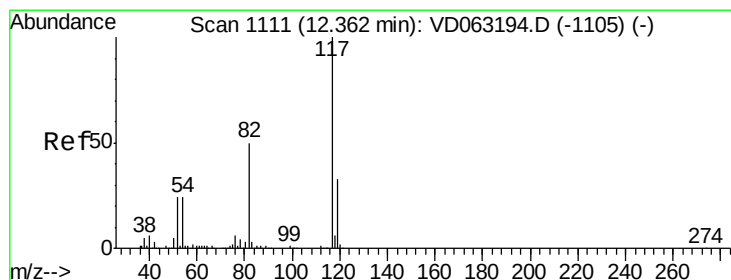
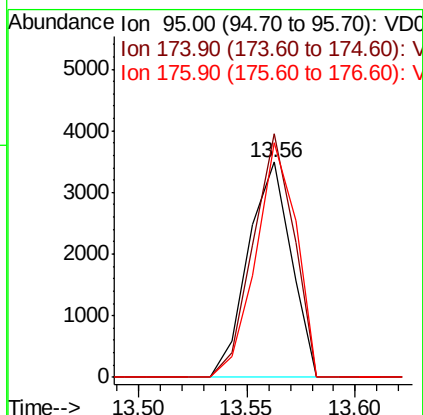
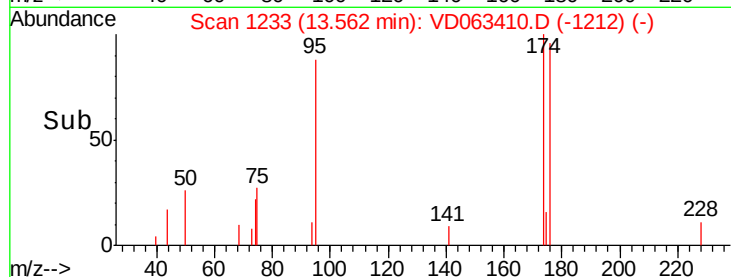
176 108.9 0.0 211.8



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

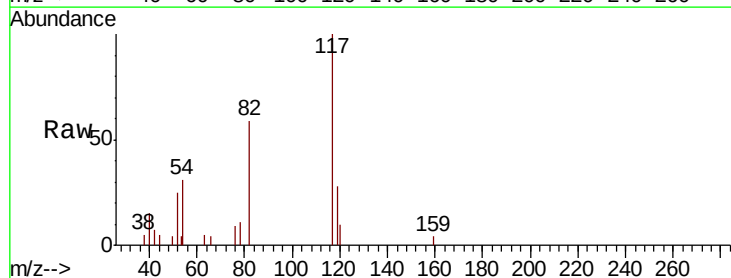
Tgt Ion: 117 Resp: 10166

Ion Ratio Lower Upper

117 100

82 59.3 40.1 60.1

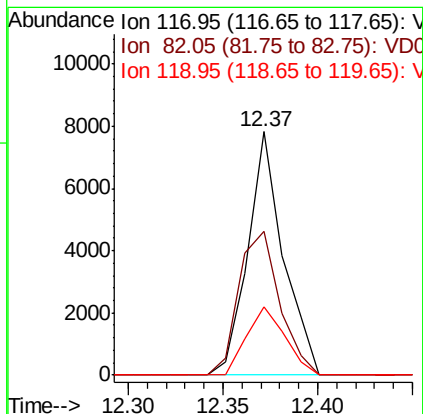
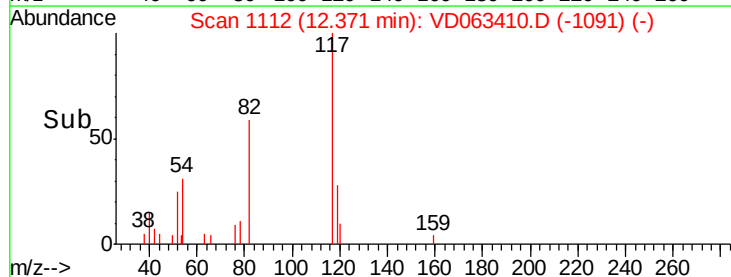
119 27.8 26.5 39.7

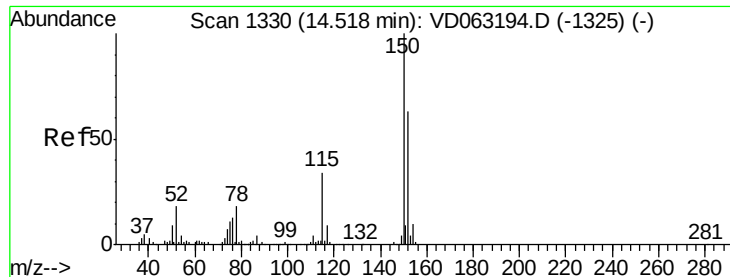


Abundance Ion 116.95 (116.65 to 117.65): V

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

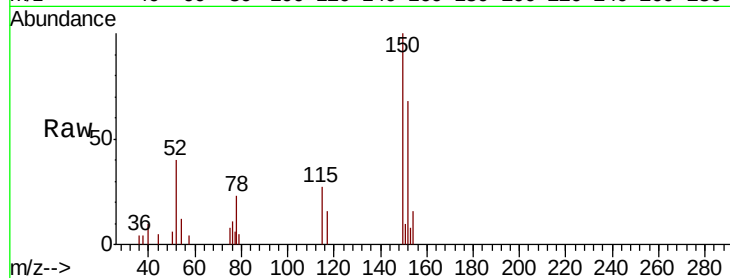
Tgt Ion:152 Resp: 5801

Ion Ratio Lower Upper

152 100

115 40.2 27.5 82.4

150 147.0 0.0 320.6

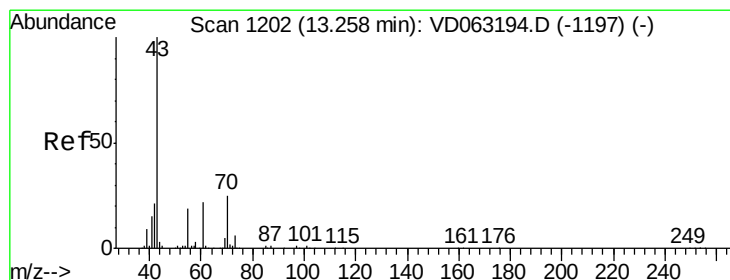
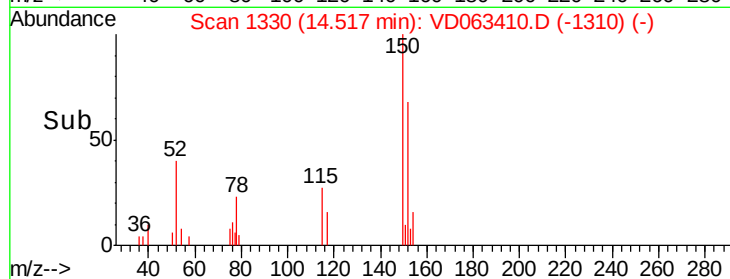
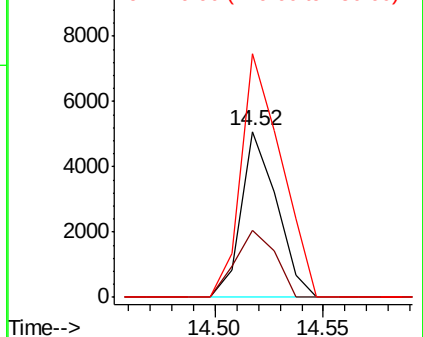


Abundance

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

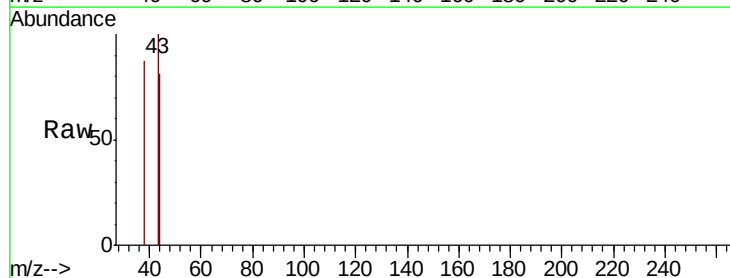
Ion Ratio Lower Upper

43 100

70 0.0 20.2 30.4#

55 0.0 14.9 22.3#

61 0.0 17.9 26.9#



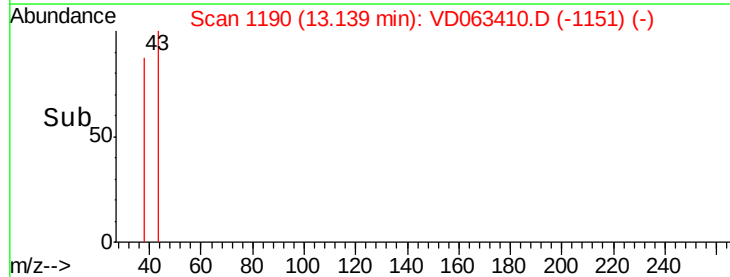
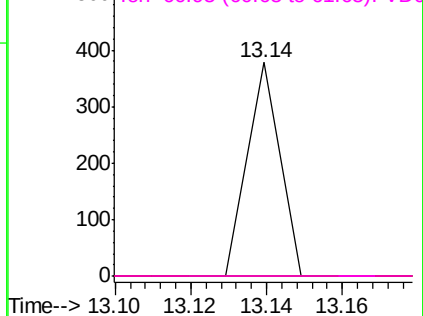
Abundance

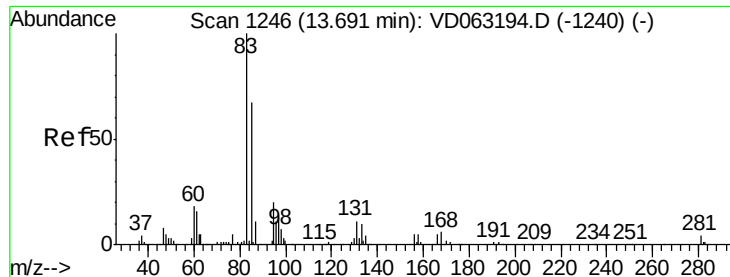
Ion 42.95 (42.65 to 43.65): VDC

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





#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

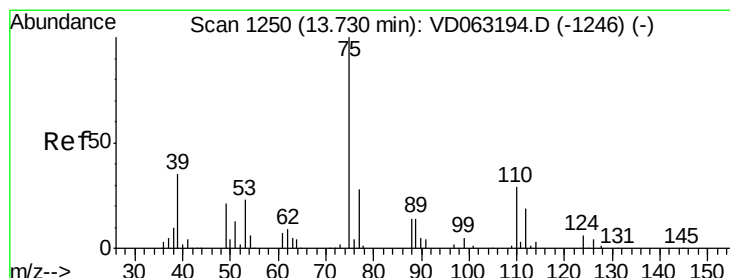
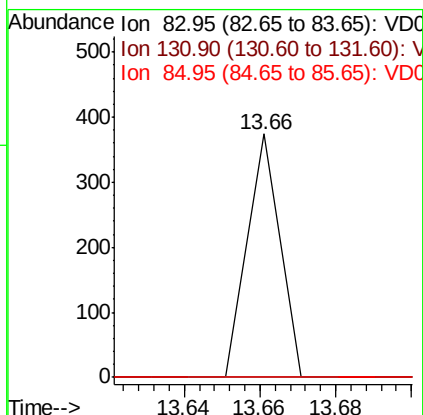
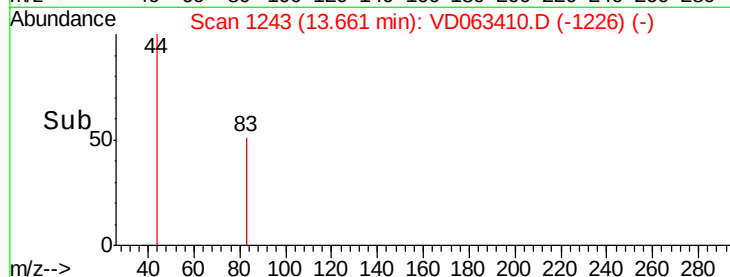
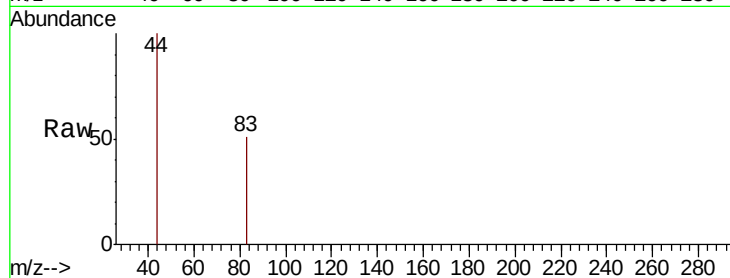
Tgt Ion: 83 Resp: 221

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 33.7 101.1#



#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

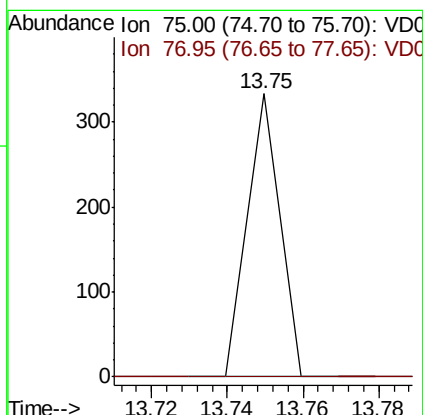
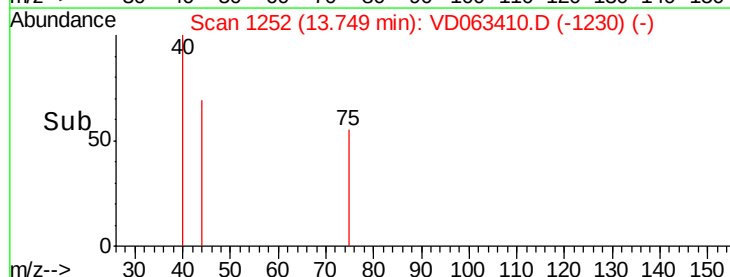
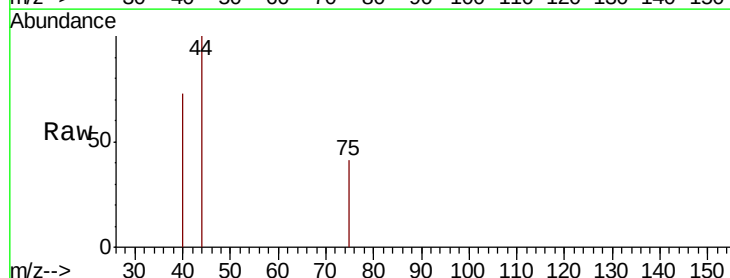
Acq: 6 Aug 2019 20:22

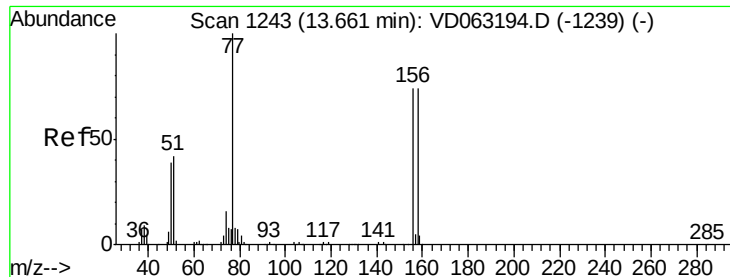
Tgt Ion: 75 Resp: 197

Ion Ratio Lower Upper

75 100

77 0.0 16.0 48.0#





#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

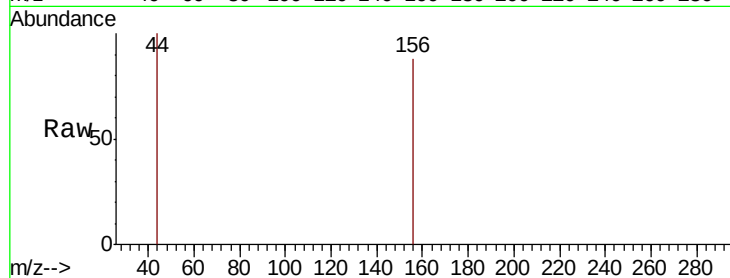
Tgt Ion:156 Resp: 252

Ion Ratio Lower Upper

156 100

77 0.0 67.6 202.8#

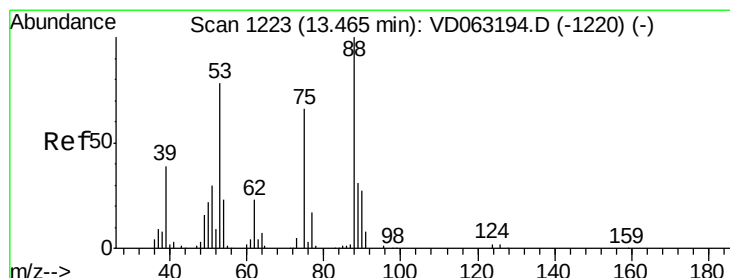
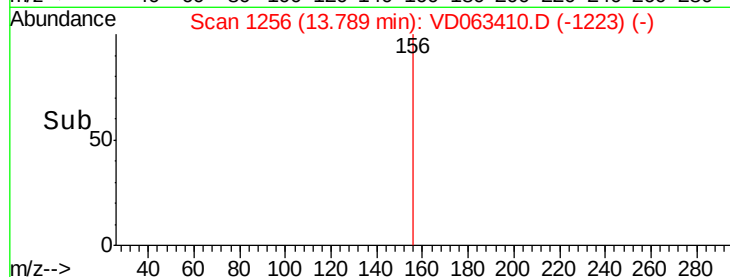
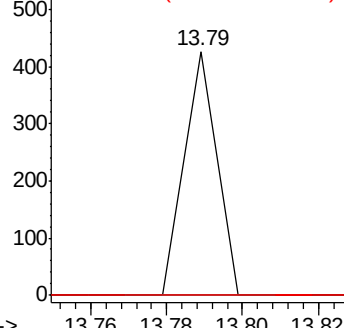
158 0.0 49.8 149.4#



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#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

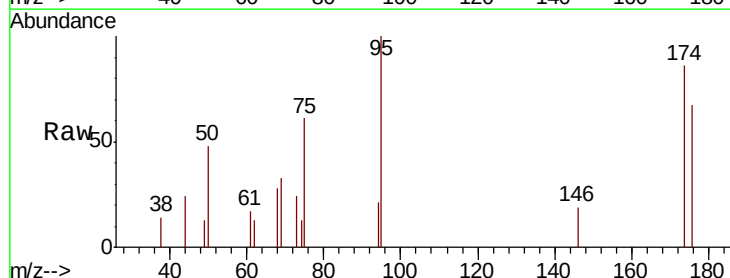
Tgt Ion: 75 Resp: 2221

Ion Ratio Lower Upper

75 100

53 0.0 94.9 142.3#

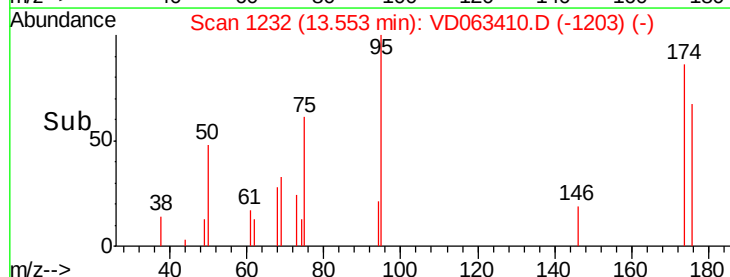
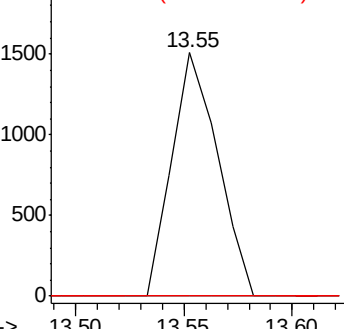
89 0.0 37.4 56.0#

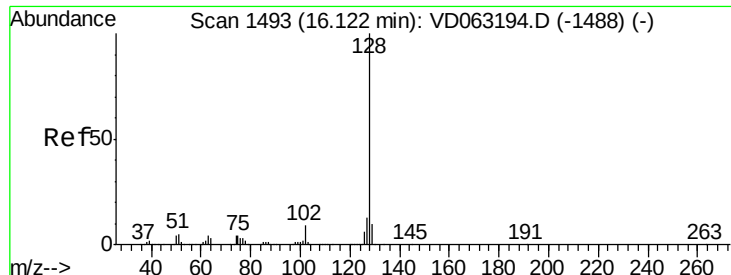


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 2.943 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD063410.D

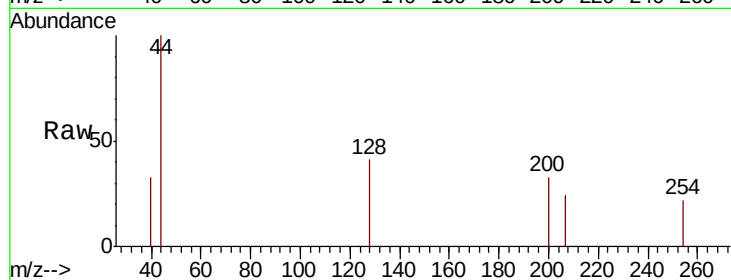
Acq: 6 Aug 2019 20:22

Instrument :

MSVOA_D

ClientSampleId :

CP-MW2-N-12-16-SOIL



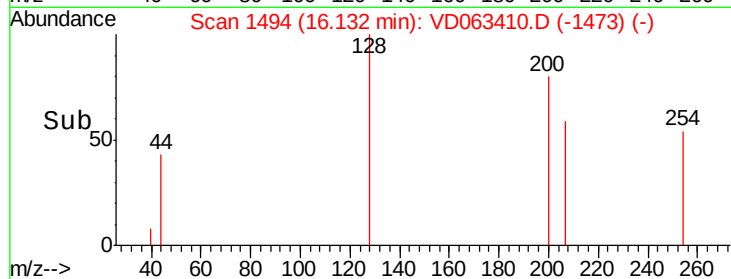
Tgt Ion:128 Resp: 528

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.4#

129 0.0 7.8 11.8#



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

