

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063042.D
 Acq On : 8 Jul 2019 17:53
 Operator : VA/AP
 Sample : K3694-01
 Misc : 4.45g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GC-SOIL-PILE

Quant Time: Jul 09 05:12:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	10121	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	16965	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	16404	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	7636	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	8474	77.03	ug/l	0.00
Spiked Amount			Recovery	=	154.06%	
35) Dibromofluoromethane	6.91	113	6989	48.86	ug/l	-0.02
Spiked Amount			Recovery	=	97.72%	
50) Toluene-d8	10.41	98	11308	36.32	ug/l	-0.01
Spiked Amount			Recovery	=	72.64%	
62) 4-Bromofluorobenzene	13.56	95	5412	38.23	ug/l	0.00
Spiked Amount			Recovery	=	76.46%	

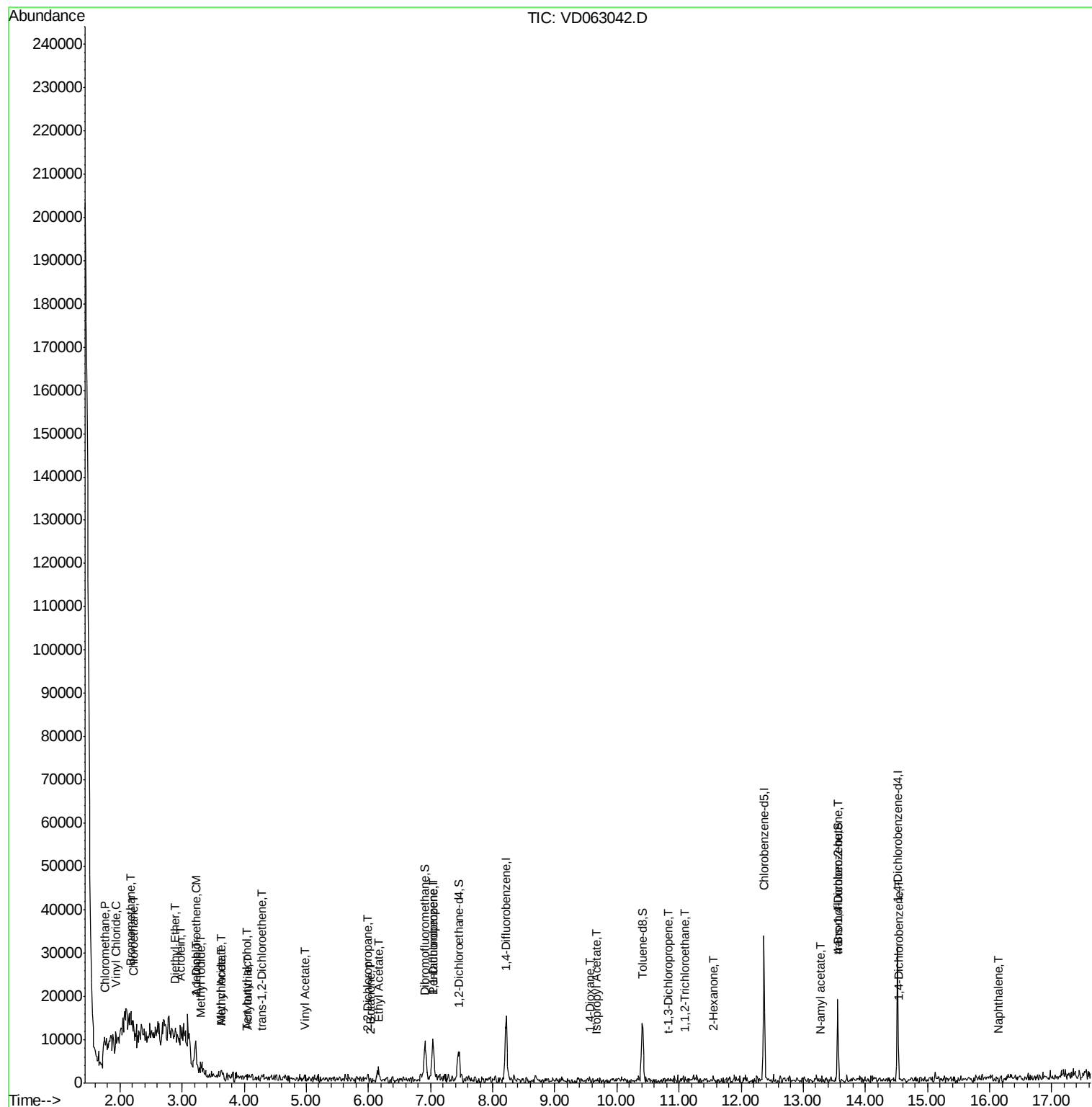
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.74	50	1626	16.508	ug/l #	68
4) Vinyl Chloride	1.94	62	213	2.181	ug/l #	43
5) Bromomethane	2.18	94	3384	73.991	ug/l #	90
6) Chloroethane	2.23	64	419	9.477	ug/l #	46
8) Diethyl Ether	2.88	74	274	10.911	ug/l	93
10) Methyl Iodide	3.30	142	3185	22.547	ug/l #	75
11) Tert butyl alcohol	4.04	59	254	50.693	ug/l #	77
12) 1,1-Dichloroethene	3.23	96	344	4.283	ug/l #	1
13) Acrolein	2.98	56	433	84.650	ug/l #	15
14) Allyl chloride	3.63	41	237	1.997	ug/l #	6
15) Acrylonitrile	4.07	53	191	16.223	ug/l #	11
16) Acetone	3.22	43	12852	585.456	ug/l	99
18) Methyl Acetate	3.63	43	1567	47.184	ug/l #	58
21) trans-1,2-Dichloroethene	4.29	96	547	6.396	ug/l #	1
23) Vinyl Acetate	4.97	43	516	3.416	ug/l #	82
25) 2-Butanone	6.05	43	226	10.984	ug/l #	64
26) 2,2-Dichloropropane	5.98	77	194	1.165	ug/l #	58
36) 1,1-Dichloropropene	7.03	75	224	1.395	ug/l #	46
37) Ethyl Acetate	6.16	43	187	1.708	ug/l #	69
43) Isopropyl Acetate	9.66	43	272	3.231	ug/l #	48
49) 1,4-Dioxane	9.55	88	185	371.648	ug/l #	29
53) t-1,3-Dichloropropene	10.83	75	190	1.298	ug/l #	46
55) 1,1,2-Trichloroethane	11.10	97	292	3.922	ug/l #	14
59) 2-Hexanone	11.55	43	786	18.488	ug/l #	31
74) N-amyl acetate	13.27	43	183	1.539	ug/l #	51
81) trans-1,4-Dichloro-2-buten	13.56	75	4121	178.373	ug/l #	2
88) 1,4-Dichlorobenzene	14.54	146	409	1.725	ug/l #	24
95) Naphthalene	16.13	128	287	1.298	ug/l #	70

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

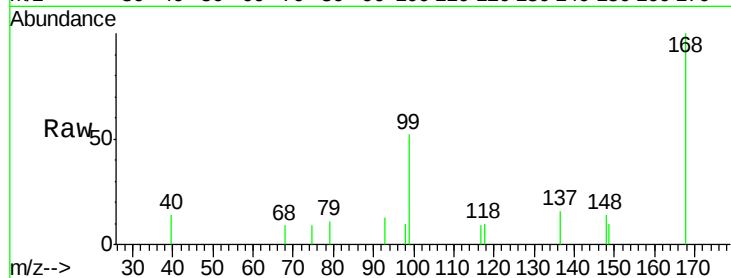
GC-SOIL-PILE

Tot Ion:168 Resp: 10121

Ion Ratio Lower Upper

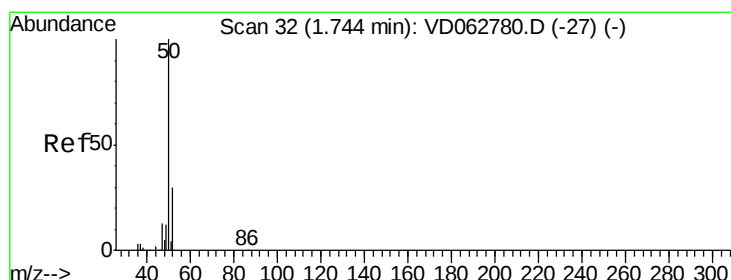
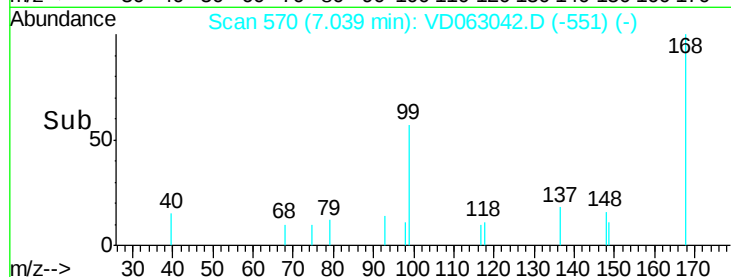
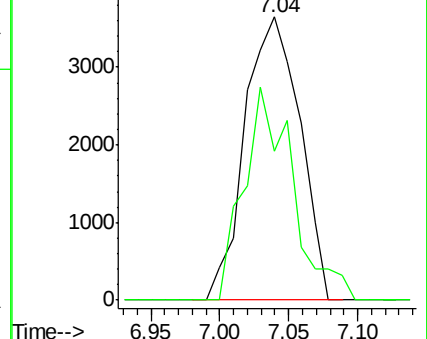
168 100

99 52.5 53.0 79.6#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: 16.508 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD063042.D

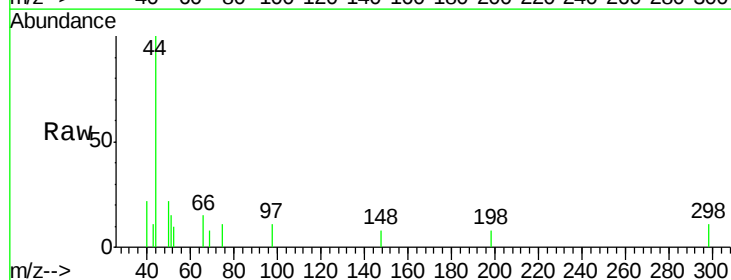
Acq: 8 Jul 2019 17:53

Tgt Ion: 50 Resp: 1626

Ion Ratio Lower Upper

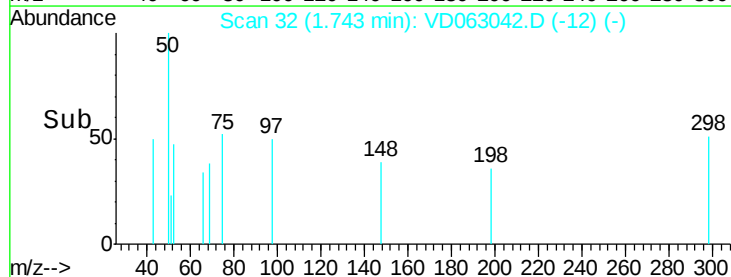
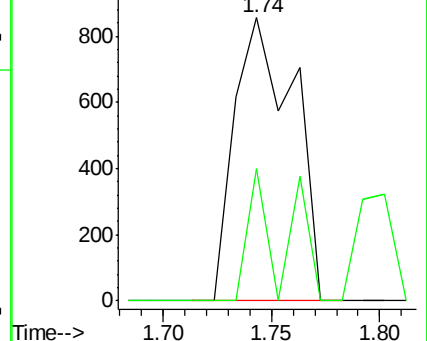
50 100

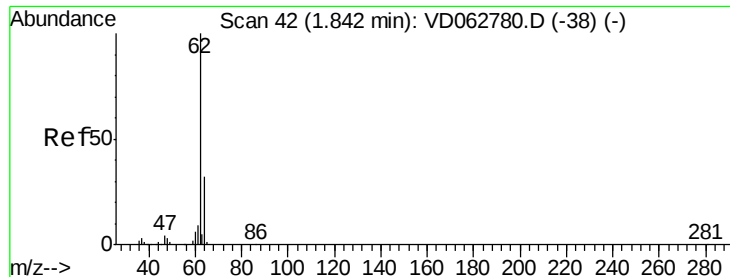
52 46.6 23.6 35.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 2.181 ug/l

RT: 1.94 min Scan# 52

Delta R.T. 0.10 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

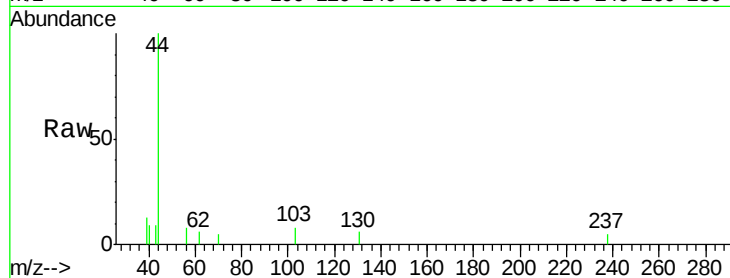
GC-SOIL-PILE

Tot Ion: 62 Resp: 213

Ion Ratio Lower Upper

62 100

64 0.0 25.6 38.4#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.94

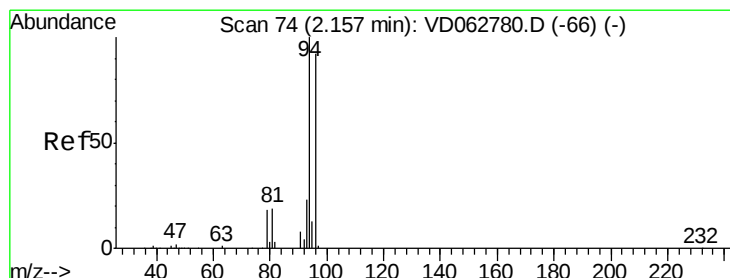
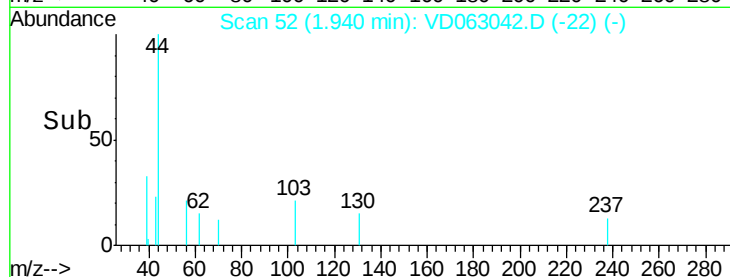
300

200

100

0

Time-->



#5

Bromomethane

Concen: 73.991 ug/l

RT: 2.18 min Scan# 76

Delta R.T. 0.02 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

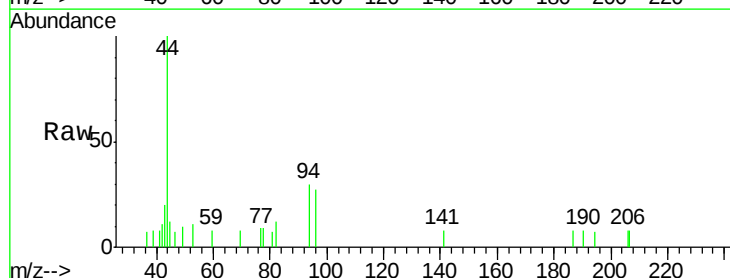
Tgt Ion: 94 Resp: 3384

Ion Ratio Lower Upper

94 100

96 92.5 73.4 110.2

93 0.0 18.2 27.4#



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

2.18

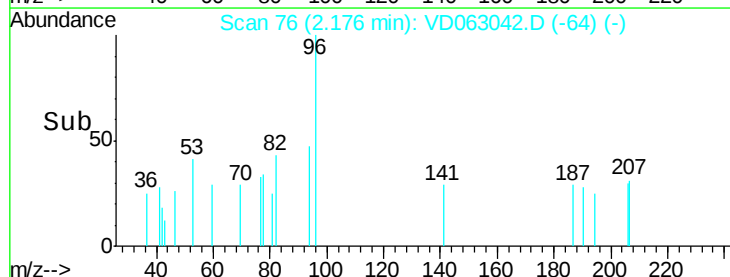
1500

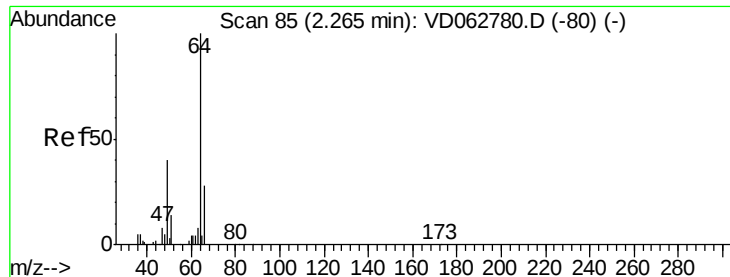
1000

500

0

Time-->





#6

Chloroethane

Concen: 9.477 ug/l

RT: 2.23 min Scan# 81

Delta R.T. -0.04 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

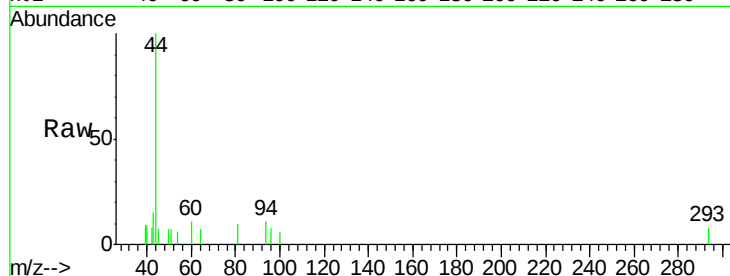
GC-SOIL-PILE

Tot Ion: 64 Resp: 419

Ion Ratio Lower Upper

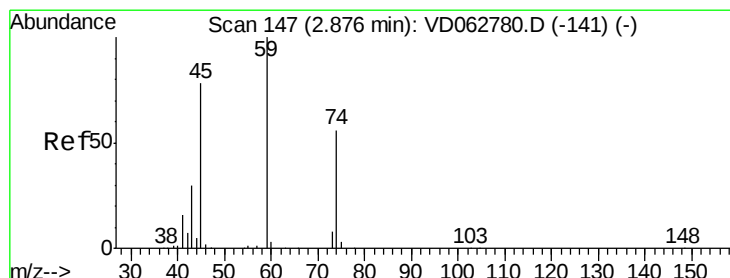
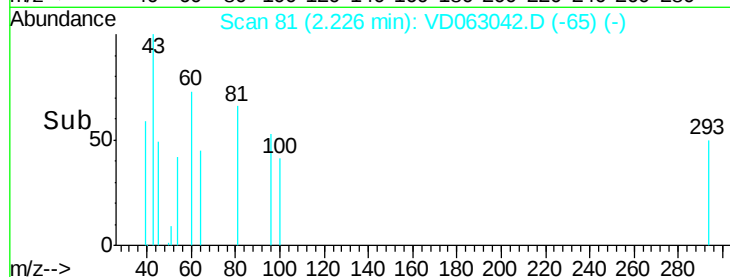
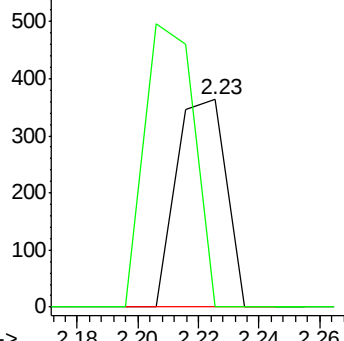
64 100

66 0.0 23.0 34.4#



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



#8

Diethyl Ether

Concen: 10.911 ug/l

RT: 2.88 min Scan# 147

Delta R.T. -0.00 min

Lab File: VD063042.D

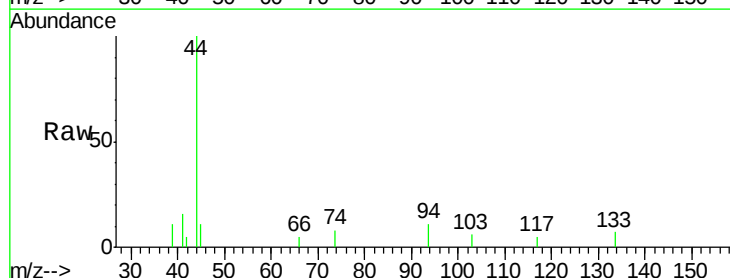
Acq: 8 Jul 2019 17:53

Tgt Ion: 74 Resp: 274

Ion Ratio Lower Upper

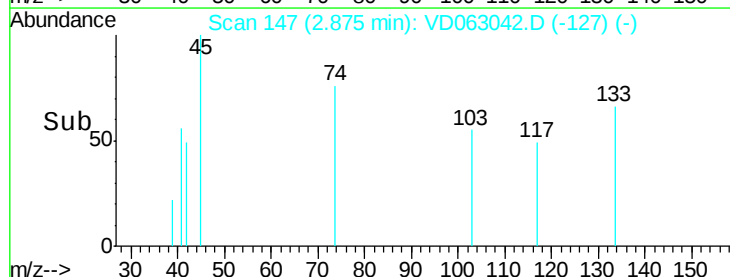
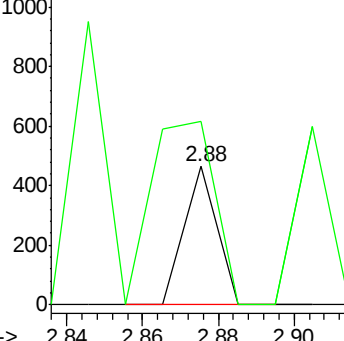
74 100

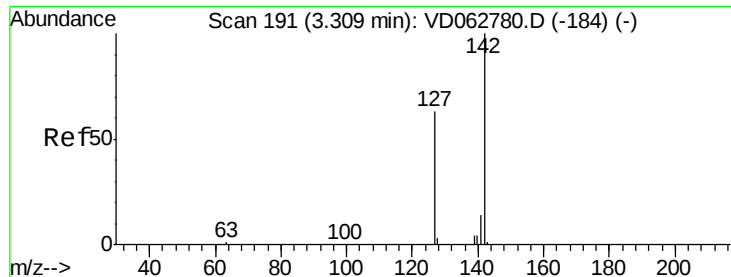
45 132.3 70.2 210.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

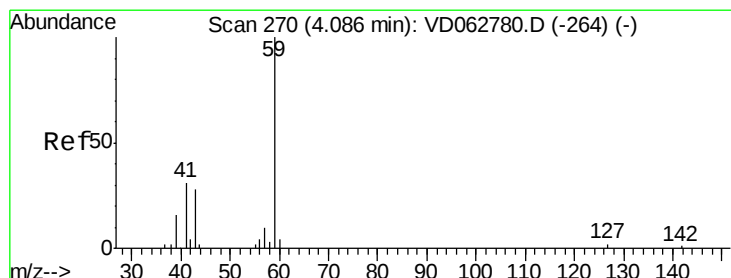
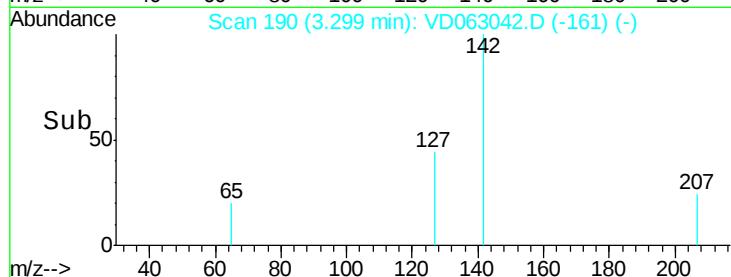
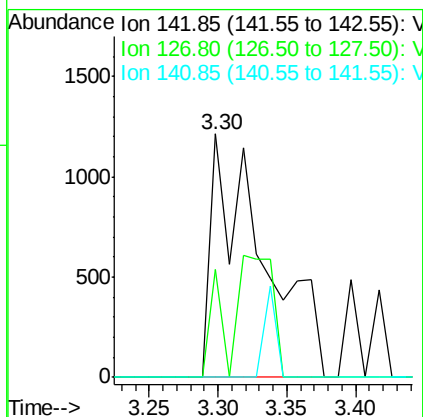
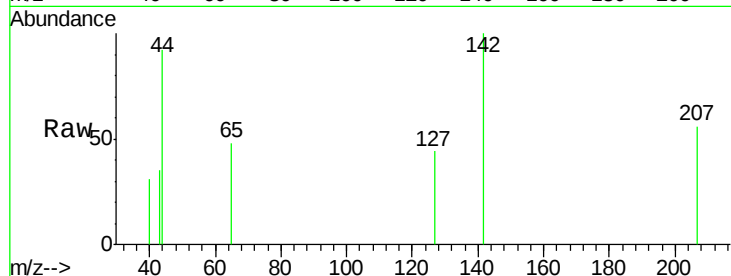




#10
Methvl Iodide
Concen: 22.547 ug/l
RT: 3.30 min Scan# 190
Delta R.T. -0.01 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

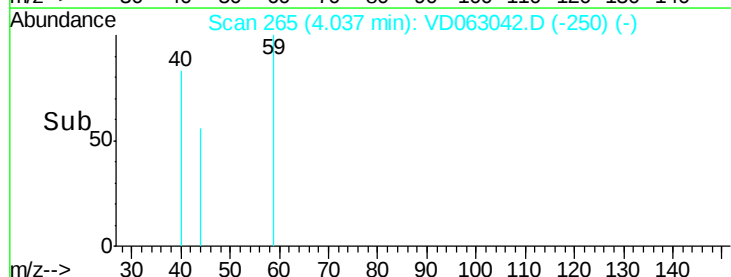
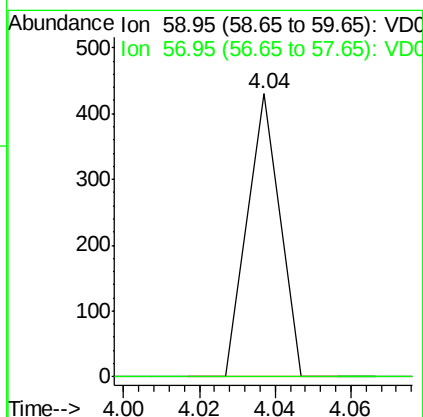
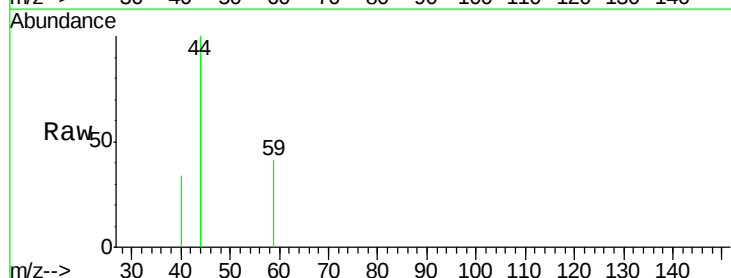
Instrument :
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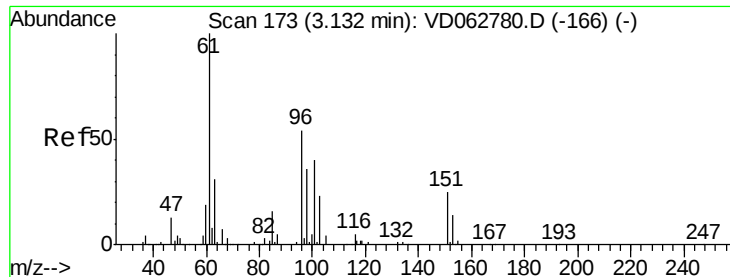
Tot Ion:142 Resp: 3185
Ion Ratio Lower Upper
142 100
127 44.5 50.1 75.1#
141 0.0 11.0 16.4#



#11
Tert butyl alcohol
Concen: 50.693 ug/l
RT: 4.04 min Scan# 265
Delta R.T. -0.05 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#

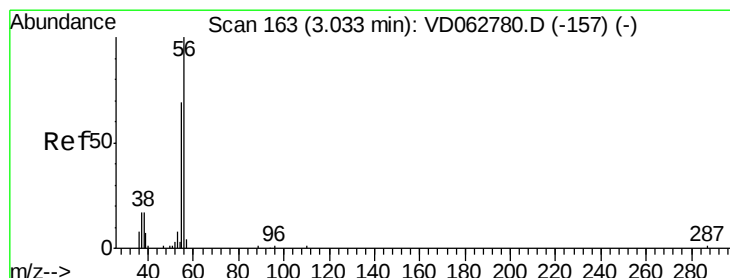
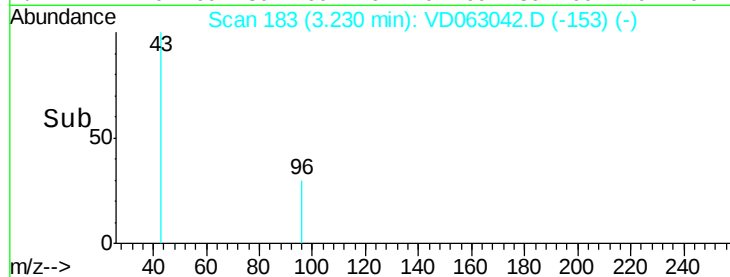
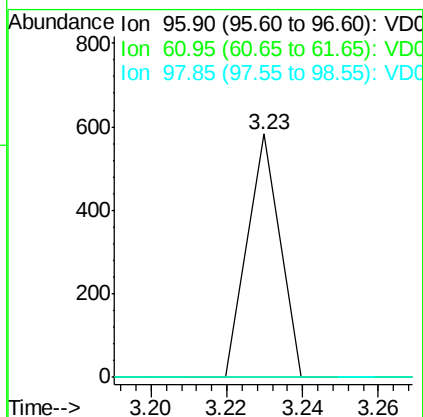
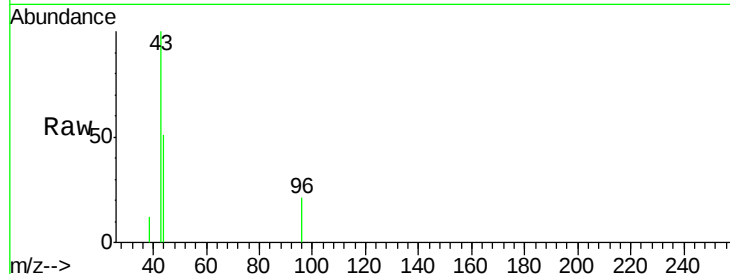




#12
 1,1-Dichloroethene
 Concen: 4.283 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. 0.10 min
 Lab File: VD063042.D
 Acq: 8 Jul 2019 17:53

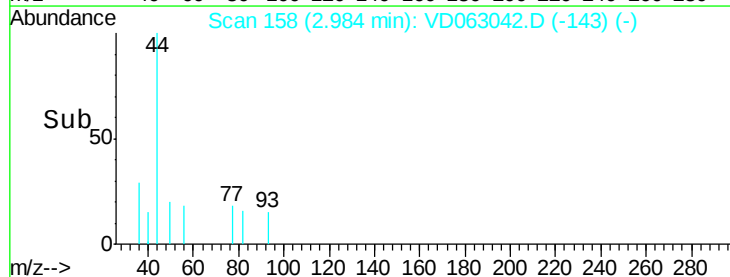
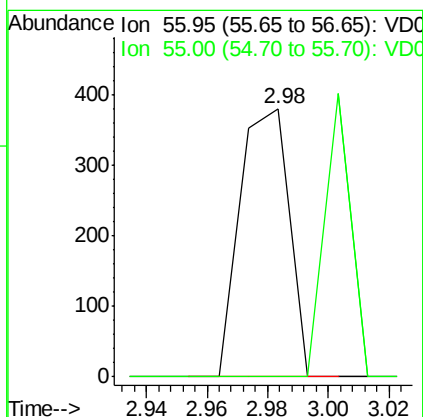
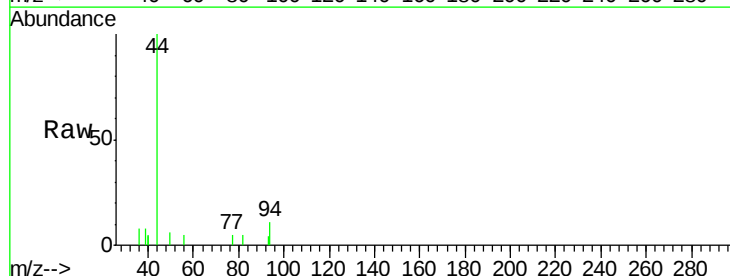
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 MSVOA_D
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 GC-SOIL-PILE

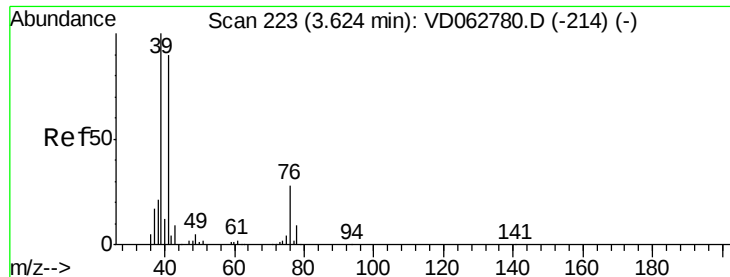
Tot Ion: 96 Resp: 344
 Ion Ratio Lower Upper
 96 100
 61 0.0 147.1 220.7#
 98 0.0 52.6 79.0#



#13
 Acrolein
 Concen: 84.650 ug/l
 RT: 2.98 min Scan# 158
 Delta R.T. -0.05 min
 Lab File: VD063042.D
 Acq: 8 Jul 2019 17:53

Tgt Ion: 56 Resp: 433
 Ion Ratio Lower Upper
 56 100
 55 0.0 55.4 83.0#

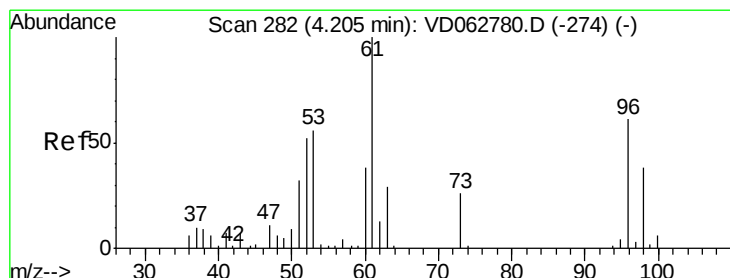
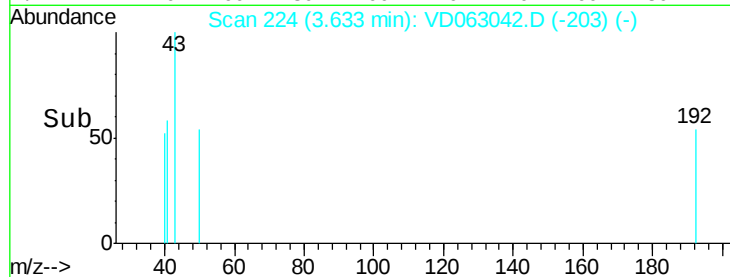
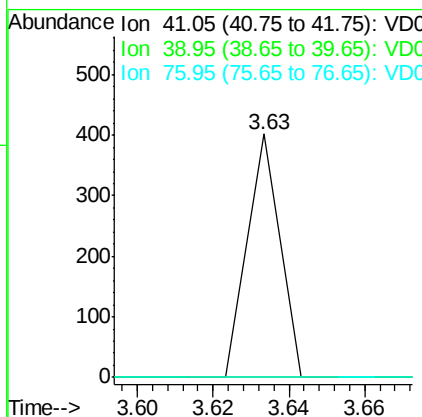
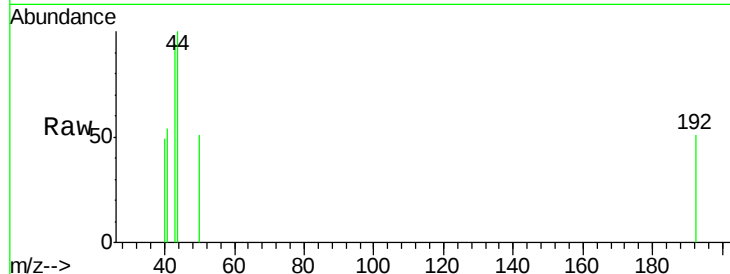




#14
Allvl chloride
Concen: 1.997 ug/l
RT: 3.63 min Scan# 224
Delta R.T. 0.01 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

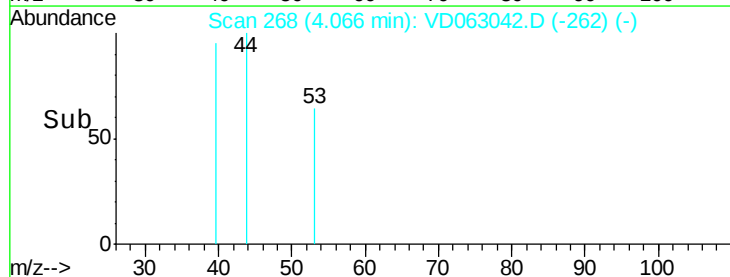
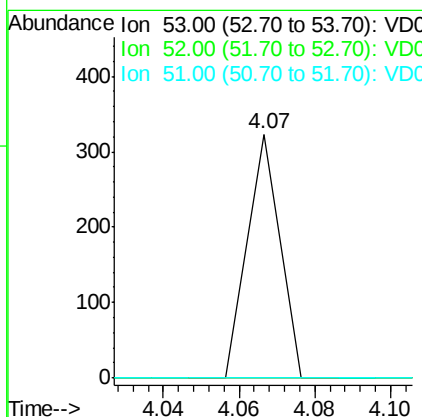
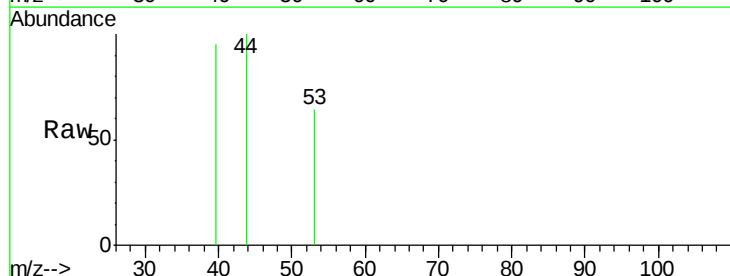
Instrument :
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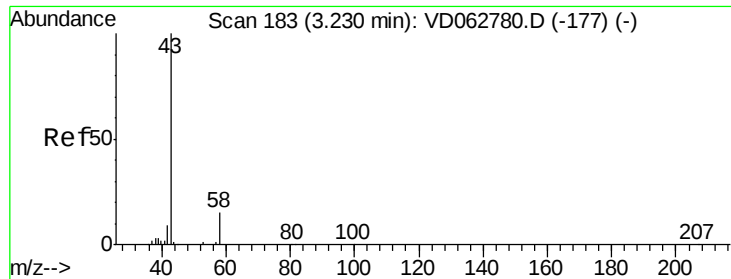
Tot Ion: 41 Resp: 237
Ion Ratio Lower Upper
41 100
39 0.0 88.8 133.2#
76 0.0 26.7 40.1#



#15
Acrylonitrile
Concen: 16.223 ug/l
RT: 4.07 min Scan# 268
Delta R.T. -0.14 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion: 53 Resp: 191
Ion Ratio Lower Upper
53 100
52 0.0 73.3 109.9#
51 0.0 44.8 67.2#





#16

Acetone

Concen: 585.456 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

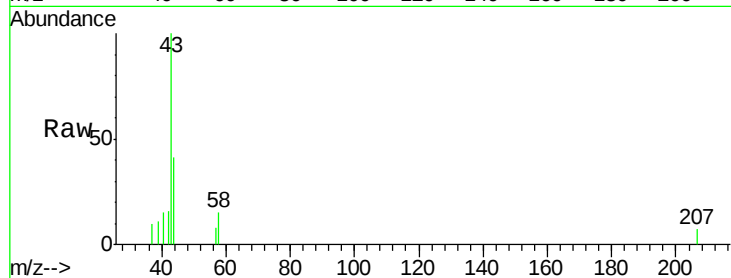
GC-SOIL-PILE

Tot Ion: 43 Resp: 12852

Ion Ratio Lower Upper

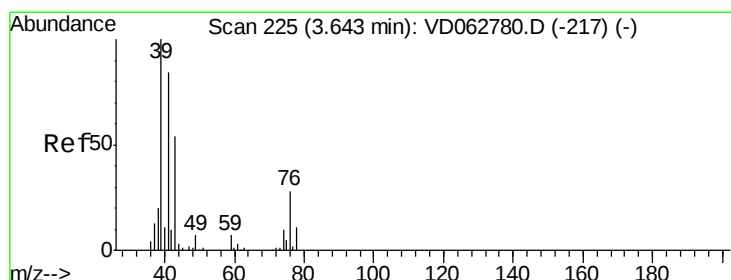
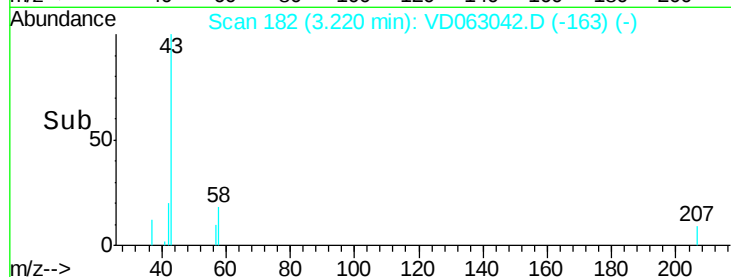
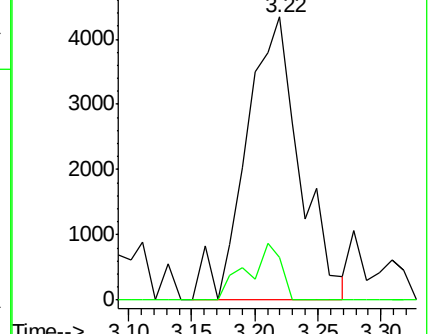
43 100

58 15.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 47.184 ug/l

RT: 3.63 min Scan# 224

Delta R.T. -0.01 min

Lab File: VD063042.D

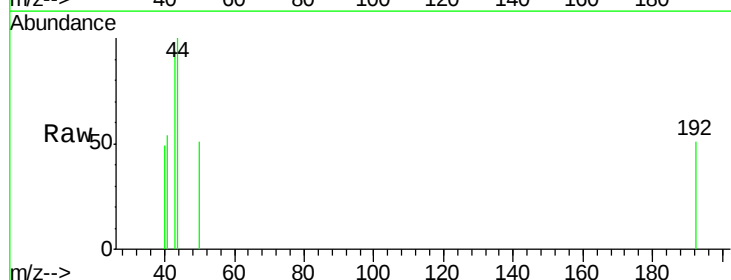
Acq: 8 Jul 2019 17:53

Tgt Ion: 43 Resp: 1567

Ion Ratio Lower Upper

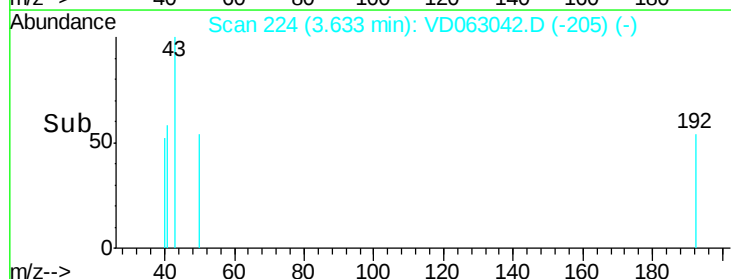
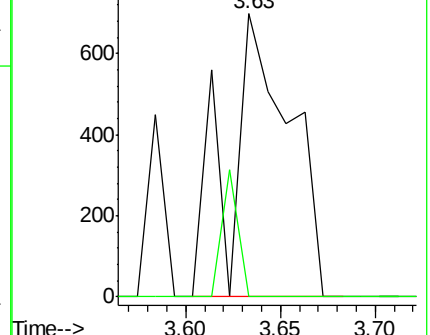
43 100

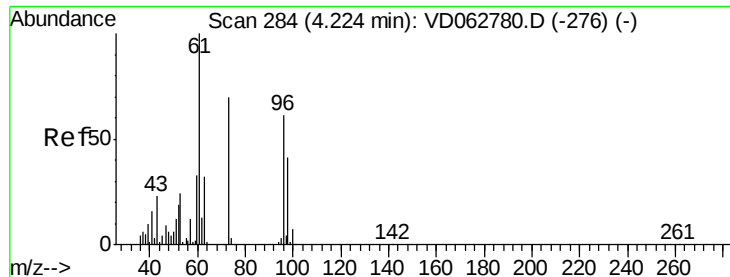
74 0.0 15.2 22.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#21

trans-1,2-Dichloroethene

Concen: 6.396 ug/l

RT: 4.29 min Scan# 291

Delta R.T. 0.07 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

GC-SOIL-PILE

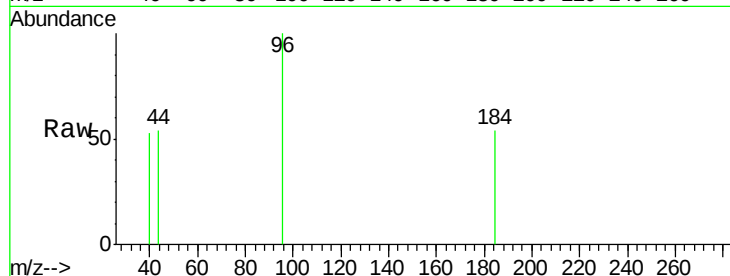
Tot Ion: 96 Resp: 547

Ion Ratio Lower Upper

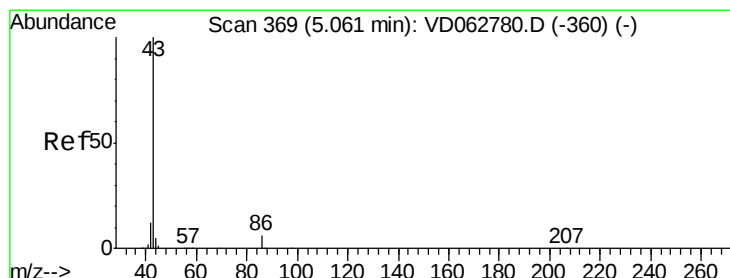
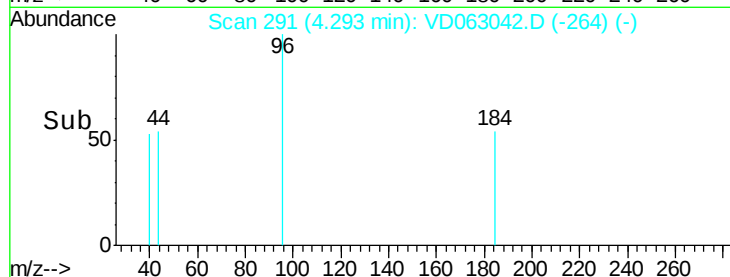
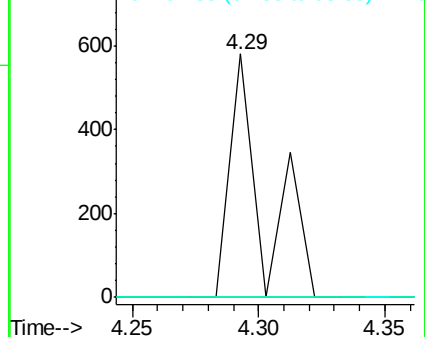
96 100

61 0.0 131.0 196.4#

98 0.0 53.2 79.8#



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



#23

Vinyl Acetate

Concen: 3.416 ug/l

RT: 4.97 min Scan# 360

Delta R.T. -0.09 min

Lab File: VD063042.D

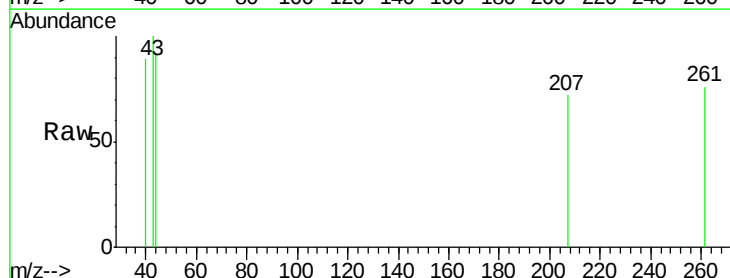
Acq: 8 Jul 2019 17:53

Tgt Ion: 43 Resp: 516

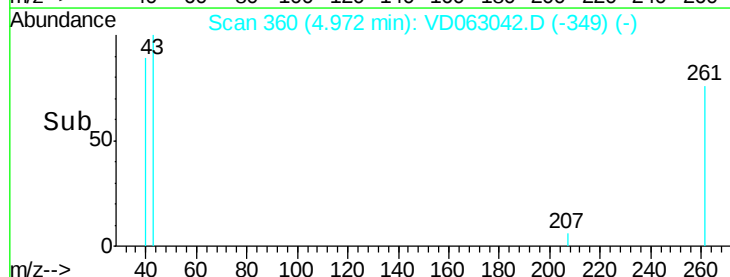
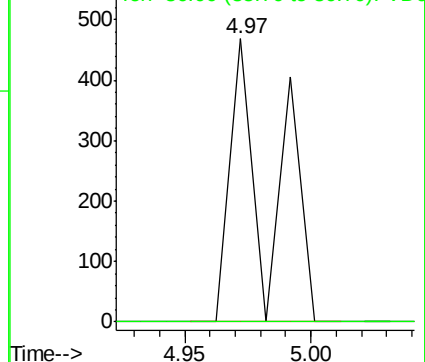
Ion Ratio Lower Upper

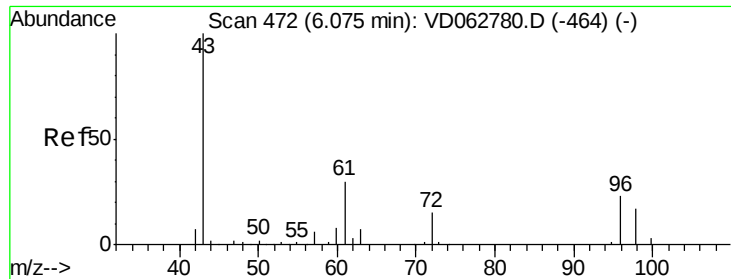
43 100

86 0.0 4.7 7.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 10.984 ug/l

RT: 6.05 min Scan# 469

Delta R.T. -0.03 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

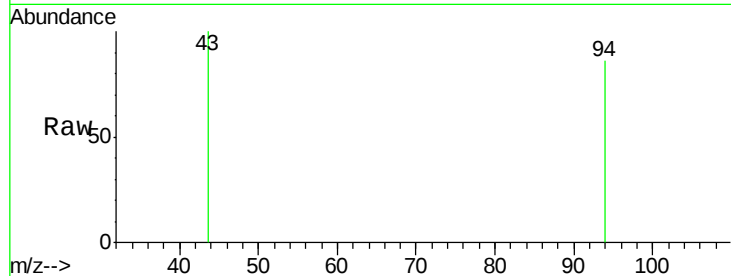
GC-SOIL-PILE

Tot Ion: 43 Resp: 226

Ion Ratio Lower Upper

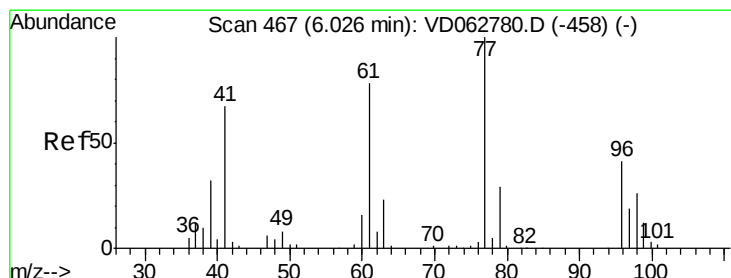
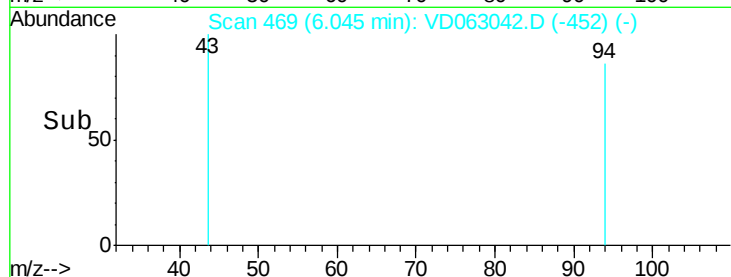
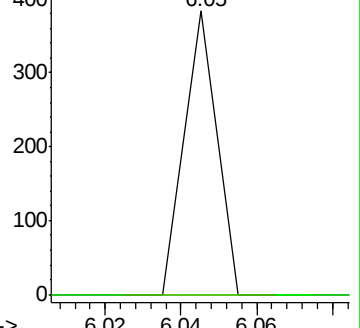
43 100

72 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 1.165 ug/l

RT: 5.98 min Scan# 462

Delta R.T. -0.05 min

Lab File: VD063042.D

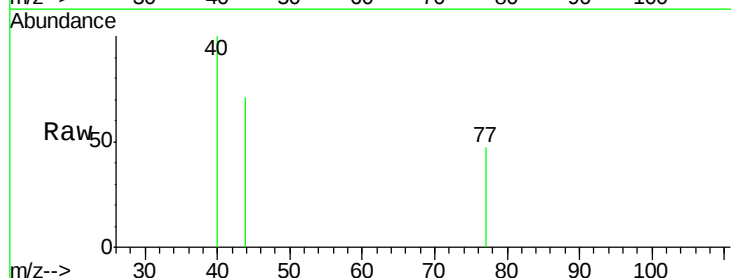
Acq: 8 Jul 2019 17:53

Tgt Ion: 77 Resp: 194

Ion Ratio Lower Upper

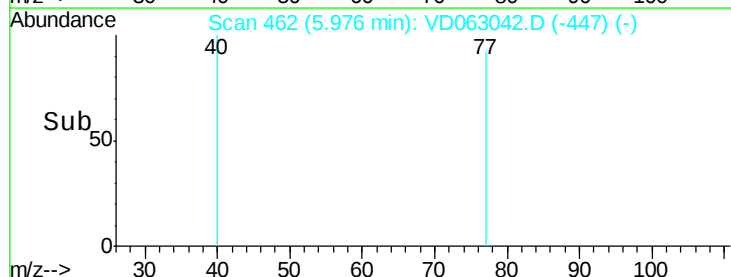
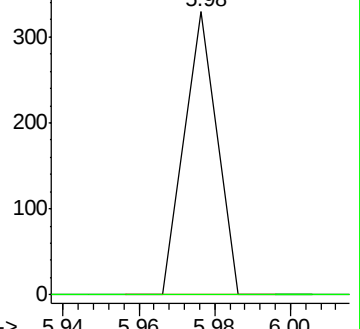
77 100

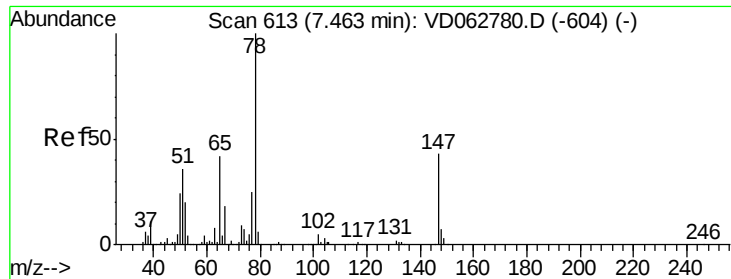
97 0.0 9.5 28.5#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#33

1,2-Dichloroethane-d4

Concen: 77.027 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

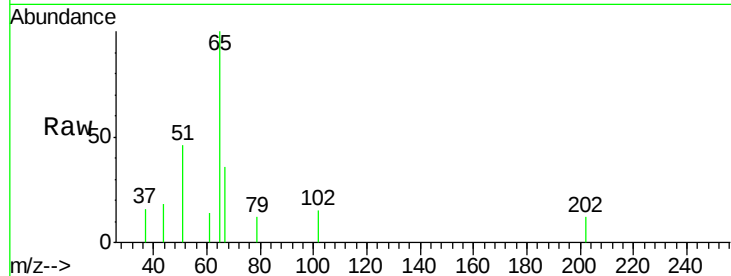
GC-SOIL-PILE

Tot Ion: 65 Resp: 8474

Ion Ratio Lower Upper

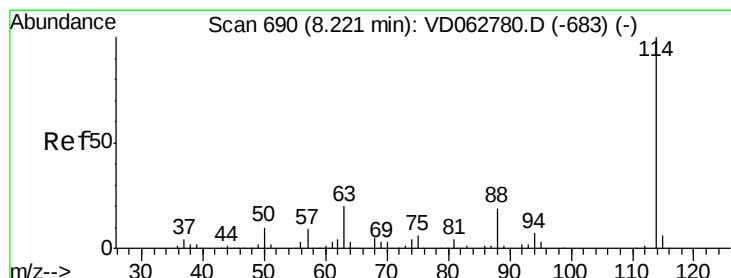
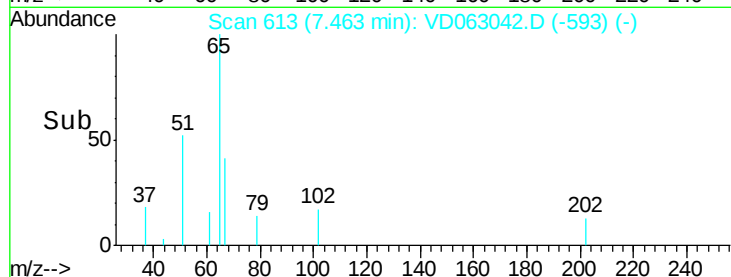
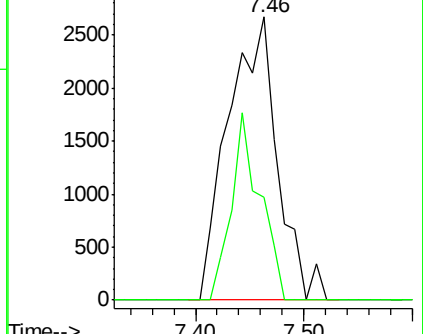
65 100

67 36.2 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

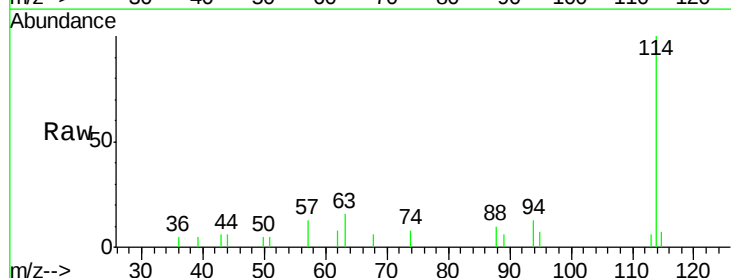
Tgt Ion: 114 Resp: 16965

Ion Ratio Lower Upper

114 100

63 16.3 0.0 40.0

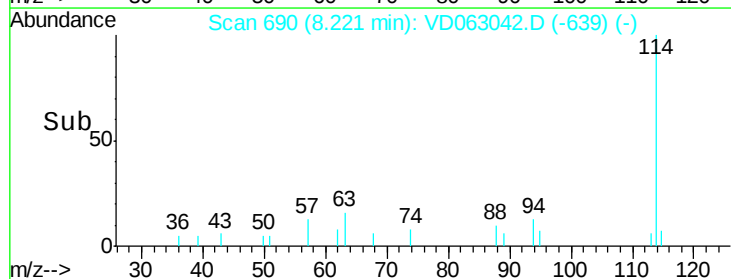
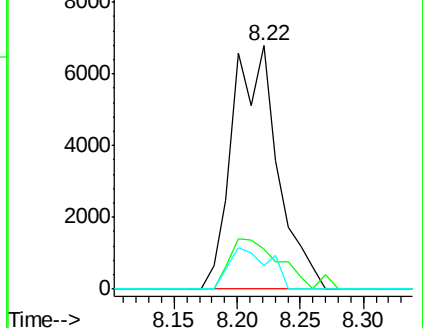
88 9.6 0.0 38.8

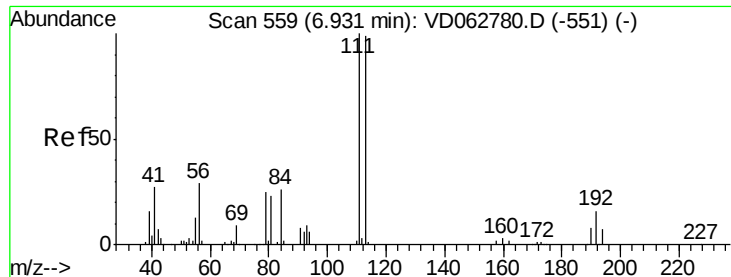


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 48.858 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

GC-SOIL-PILE

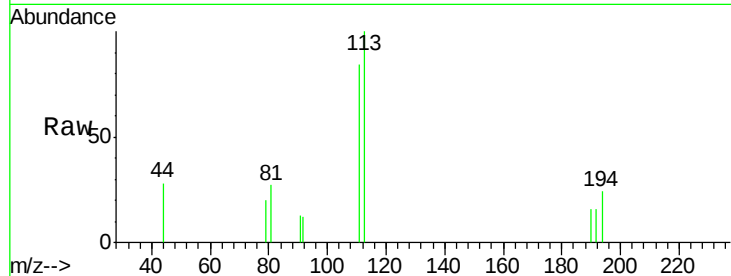
Tot Ion:113 Resp: 6989

Ion Ratio Lower Upper

113 100

111 84.3 81.2 121.8

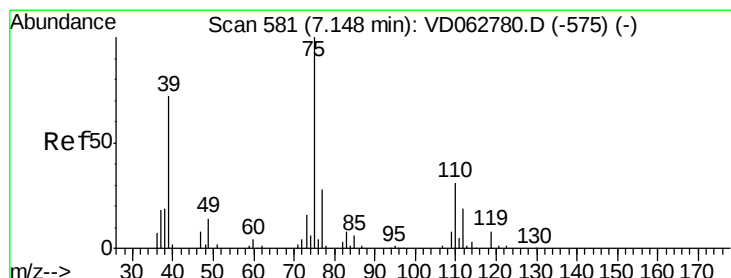
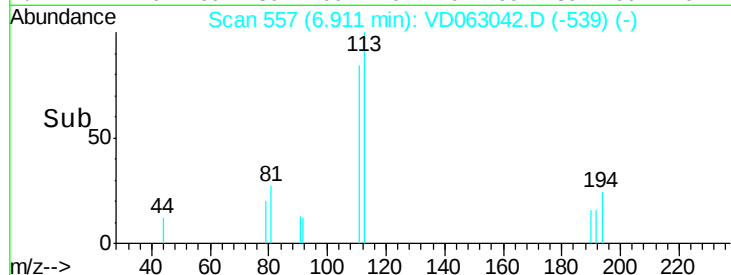
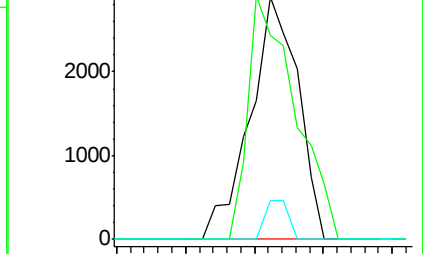
192 16.0 12.9 19.3



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: 1.395 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.12 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

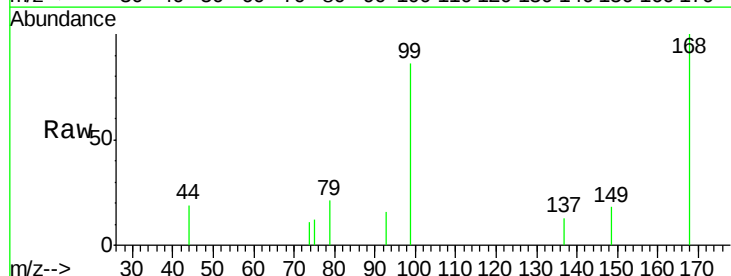
Tgt Ion: 75 Resp: 224

Ion Ratio Lower Upper

75 100

110 0.0 15.0 45.1#

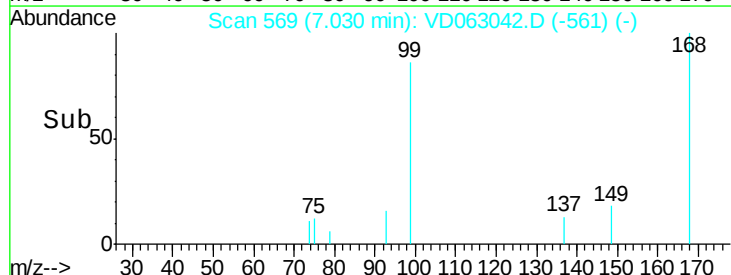
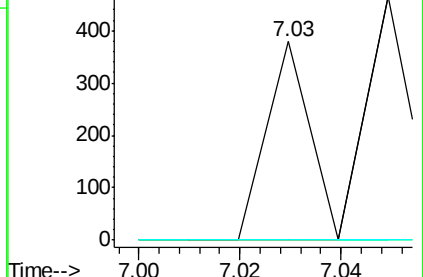
77 0.0 22.2 33.2#

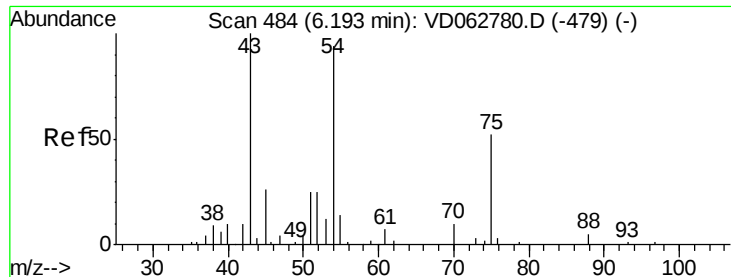


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 1.708 ug/l

RT: 6.16 min Scan# 481

Delta R.T. -0.03 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

GC-SOIL-PILE

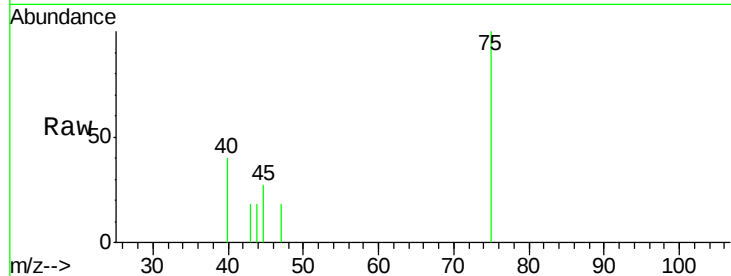
Tot Ion: 43 Resp: 187

Ion Ratio Lower Upper

43 100

61 0.0 11.6 17.4#

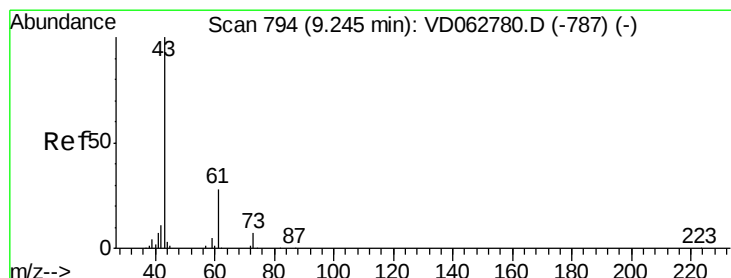
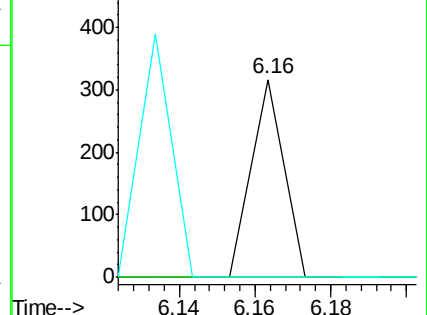
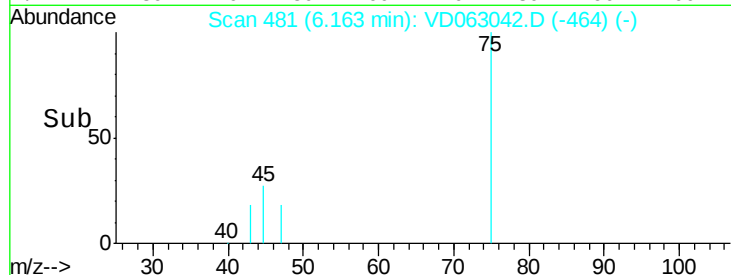
70 0.0 6.4 9.6#



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



#43

Isopropyl Acetate

Concen: 3.231 ug/l

RT: 9.66 min Scan# 836

Delta R.T. 0.41 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

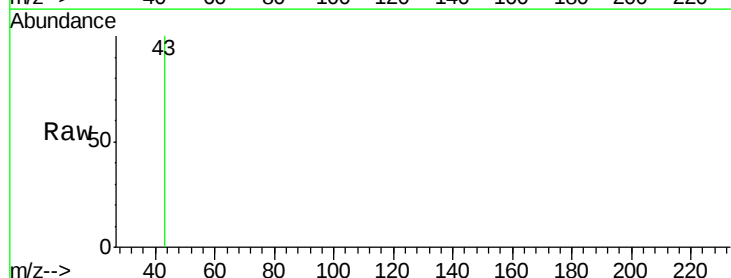
Tgt Ion: 43 Resp: 272

Ion Ratio Lower Upper

43 100

61 0.0 22.4 33.6#

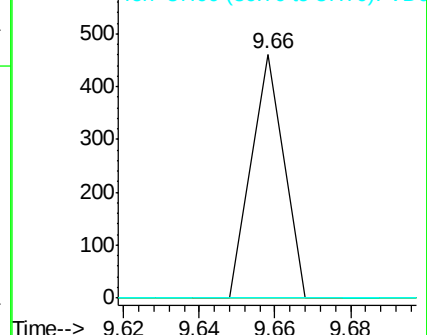
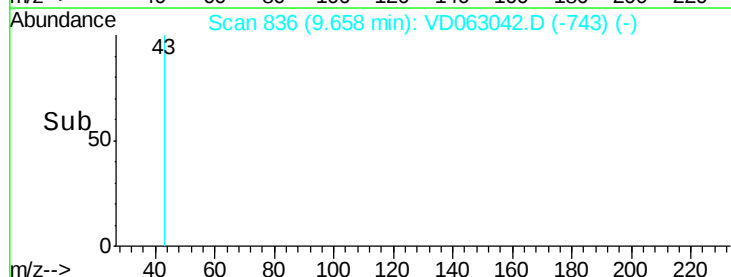
87 0.0 0.3 0.5#

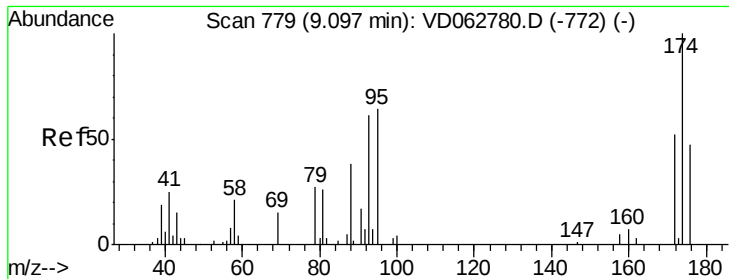


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC

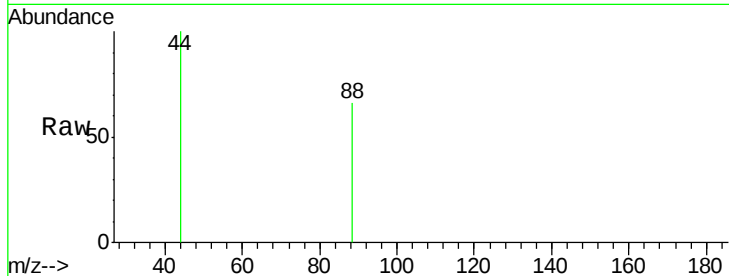




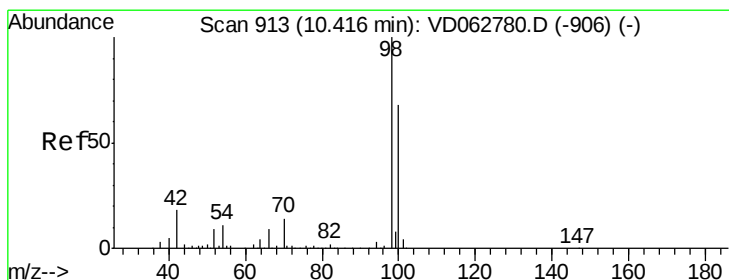
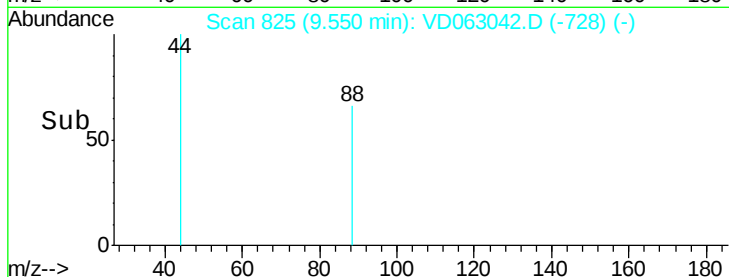
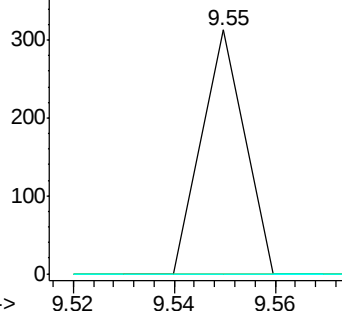
#49
1,4-Dioxane
Concen: 371.648 ug/l
RT: 9.55 min Scan# 825
Delta R.T. 0.45 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Instrument :
MSVOA_D
ClientSampleId :
GC-SOIL-PILE

Tot Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 0.0 32.1 48.1#
58 0.0 44.1 66.1#

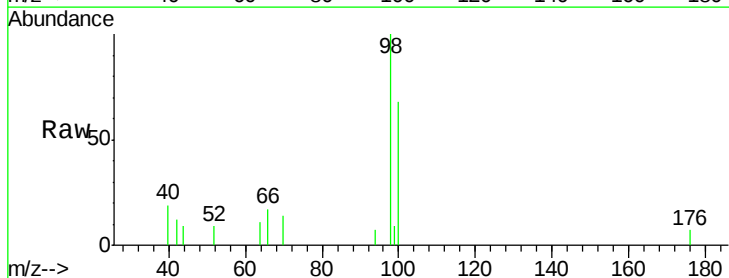


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

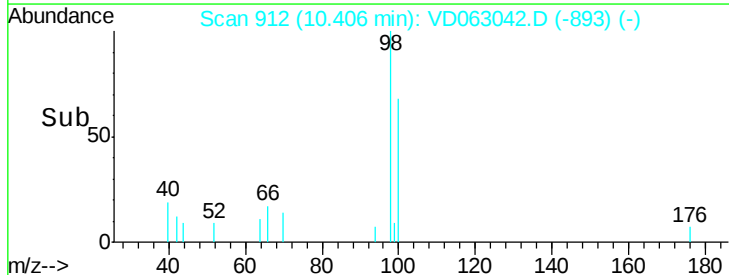
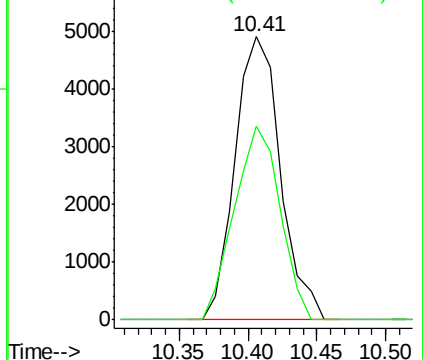


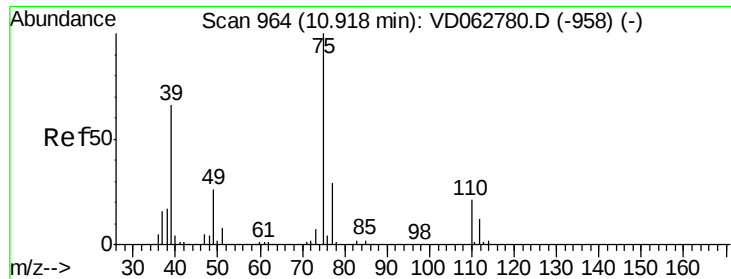
#50
Toluene-d8
Concen: 36.321 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion: 98 Resp: 11308
Ion Ratio Lower Upper
98 100
100 68.5 54.7 82.1



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

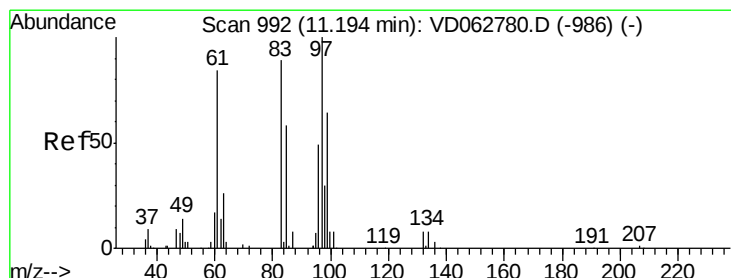
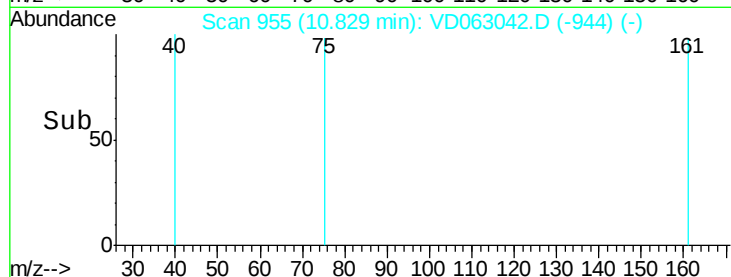
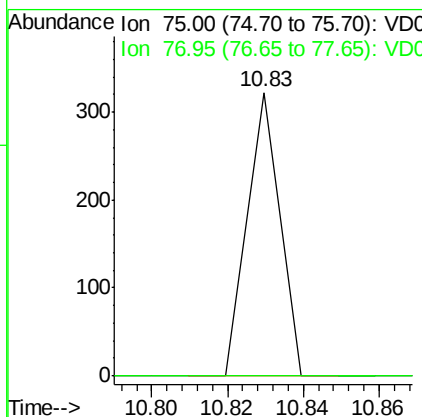
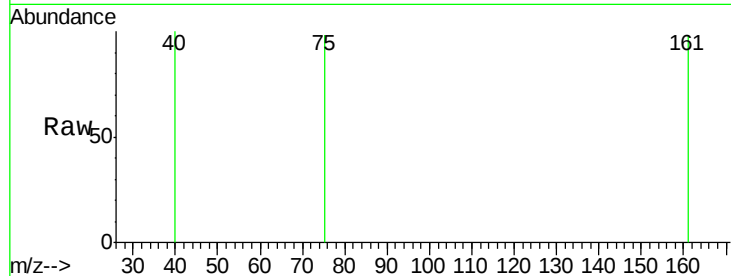




#53
t-1,3-Dichloropropene
Concen: 1.298 ug/l
RT: 10.83 min Scan# 955
Delta R.T. -0.09 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

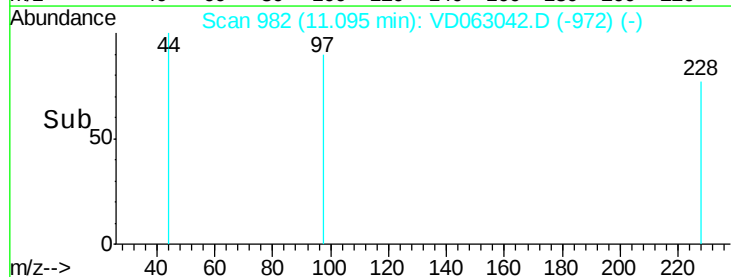
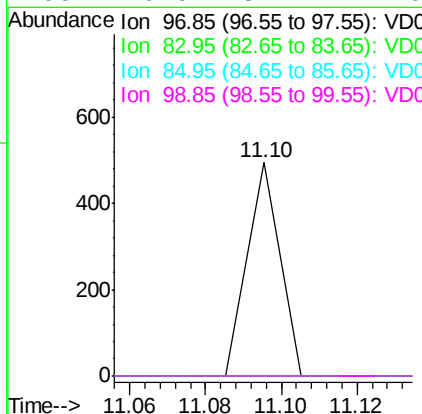
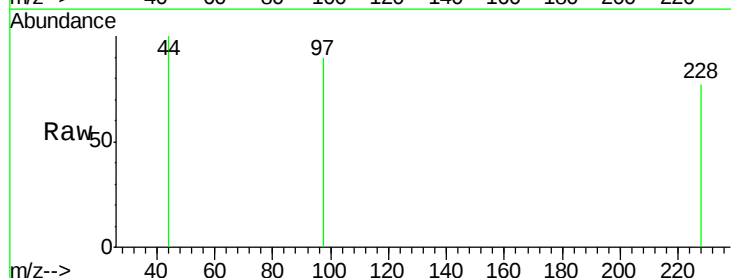
Instrument :
MSVOA_D
ClientSampleId :
GC-SOIL-PILE

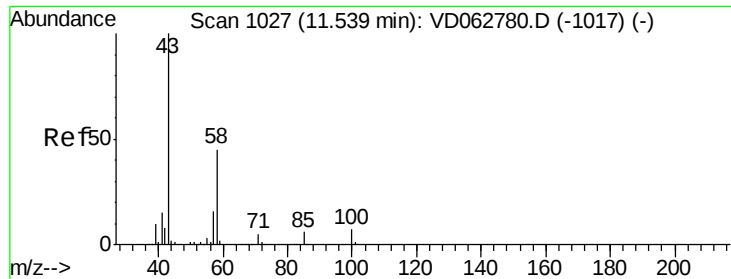
Tot Ion: 75 Resp: 190
Ion Ratio Lower Upper
75 100
77 0.0 23.2 34.8#



#55
1,1,2-Trichloroethane
Concen: 3.922 ug/l
RT: 11.10 min Scan# 982
Delta R.T. -0.10 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion: 97 Resp: 292
Ion Ratio Lower Upper
97 100
83 0.0 71.0 106.4#
85 0.0 46.6 69.8#
99 0.0 51.4 77.0#

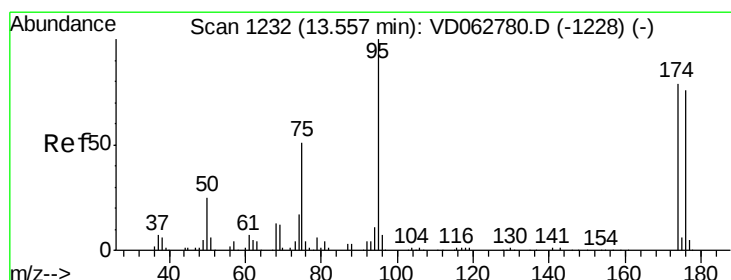
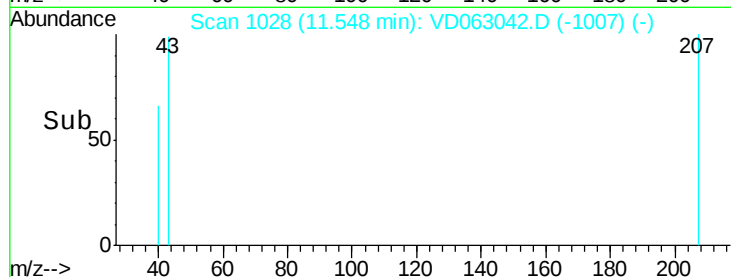
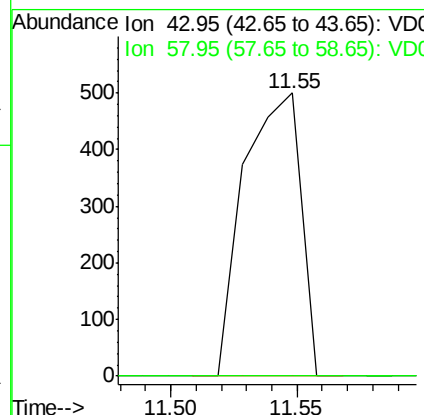
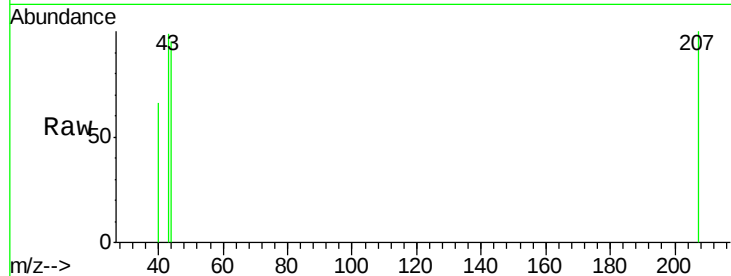




#59
2-Hexanone
Concen: 18.488 ug/l
RT: 11.55 min Scan# 1028
Delta R.T. 0.01 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

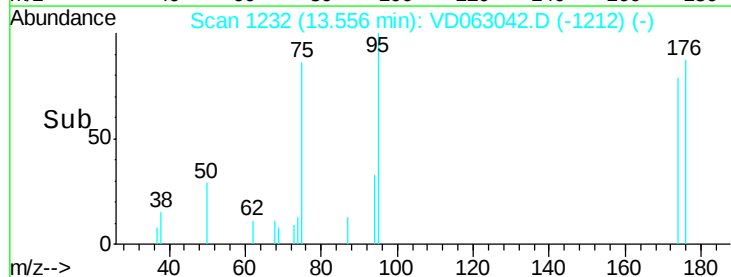
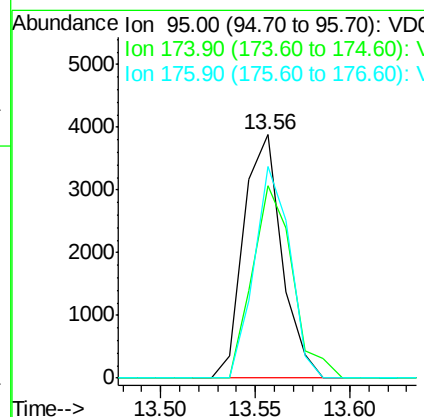
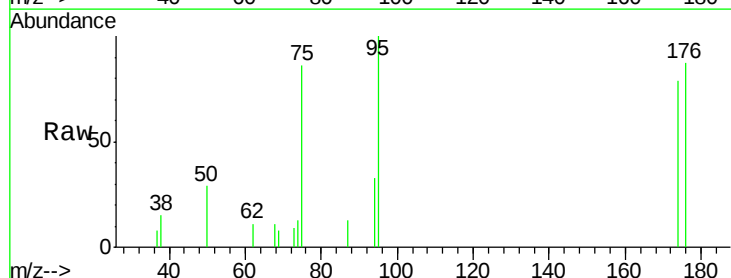
Instrument :
MSVOA_D
ClientSampleId :
GC-SOIL-PILE

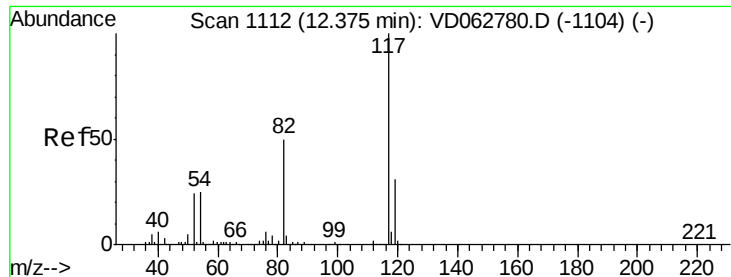
Tot Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 0.0 22.4 67.2#



#62
4-Bromofluorobenzene
Concen: 38.229 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion: 95 Resp: 5412
Ion Ratio Lower Upper
95 100
174 79.0 0.0 158.0
176 86.7 0.0 151.6

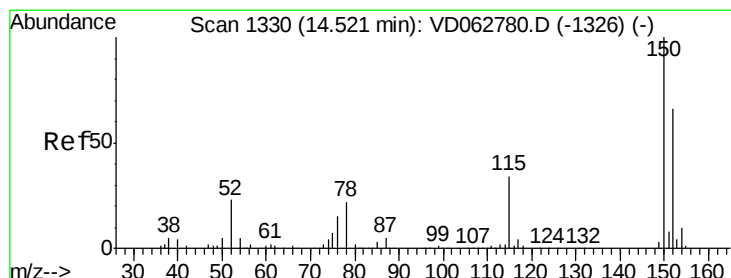
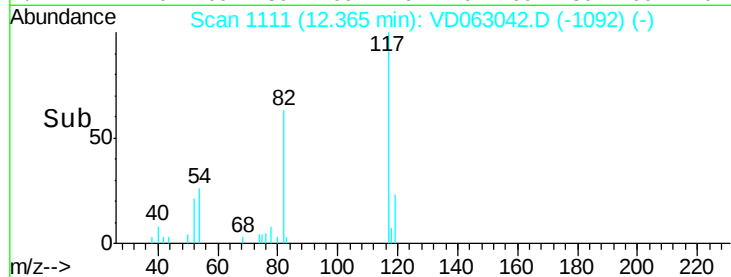
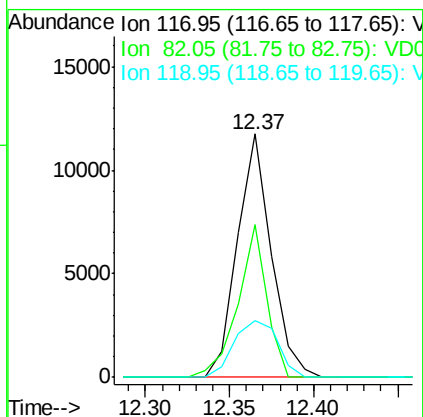
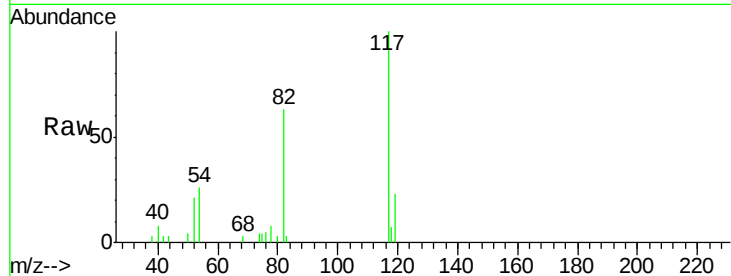




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

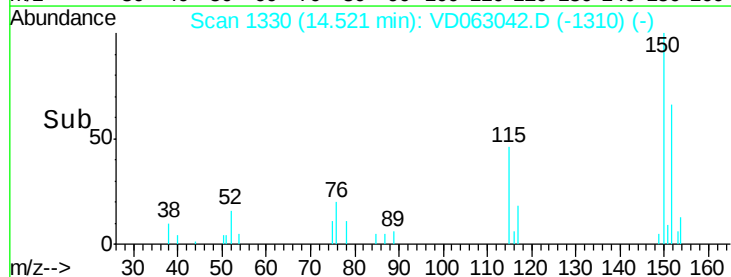
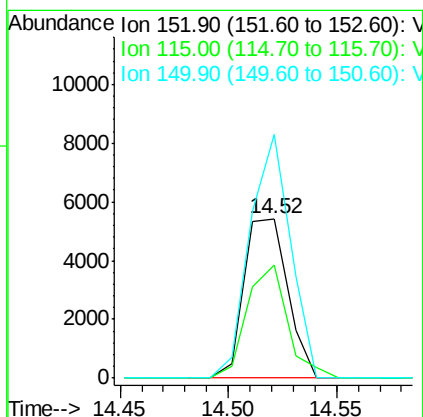
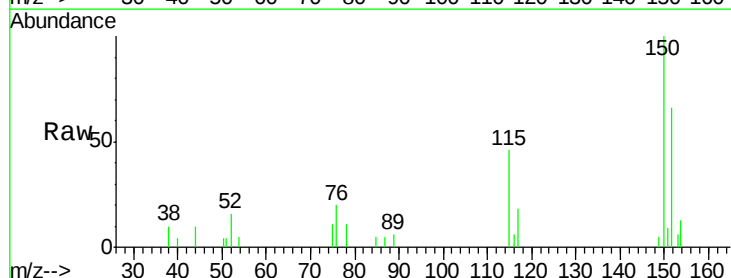
Instrument :
MSVOA_D
ClientSampleId :
GC-SOIL-PILE

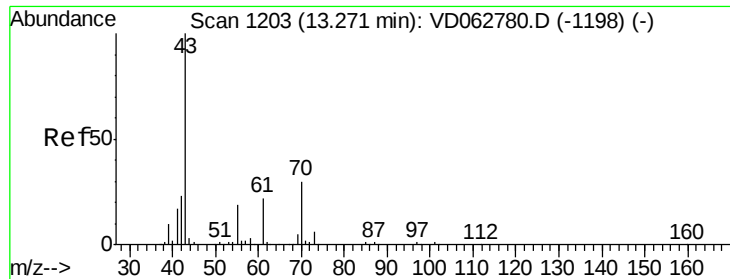
Tot Ion:117 Resp: 16404
Ion Ratio Lower Upper
117 100
82 62.5 40.4 60.6#
119 23.3 25.2 37.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063042.D
Acq: 8 Jul 2019 17:53

Tgt Ion:152 Resp: 7636
Ion Ratio Lower Upper
152 100
115 70.6 29.2 87.6
150 152.4 0.0 305.8





#74

N-amvl acetate

Concen: 1.539 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

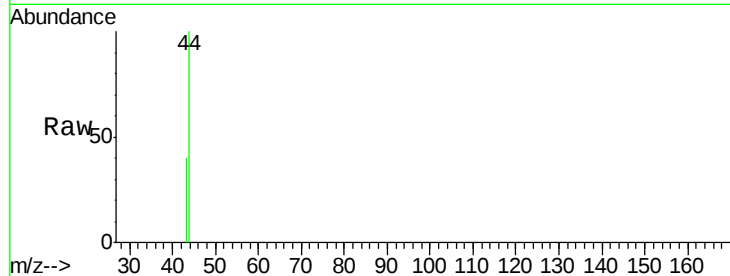
MSVOA_D

ClientSampleId :

GC-SOIL-PILE

Tot Ion: 43 Resp: 183

Ion	Ratio	Lower	Upper
43	100		
70	0.0	24.4	36.6#
55	0.0	15.2	22.8#
61	0.0	17.4	26.2#

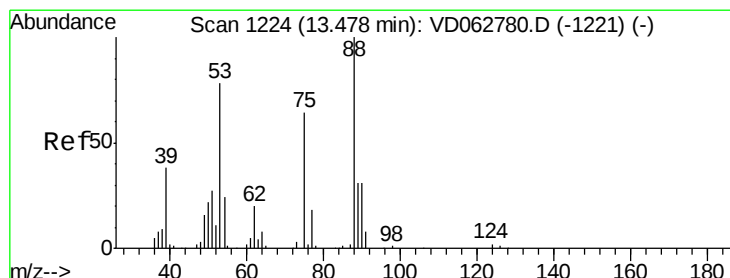
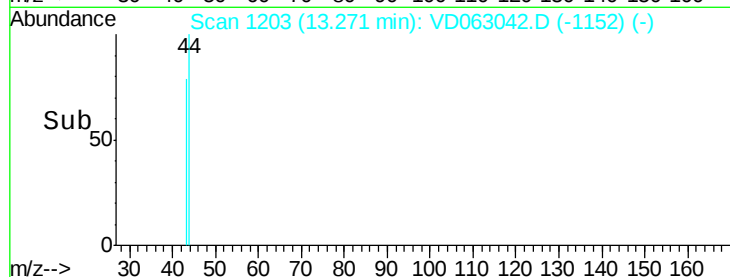
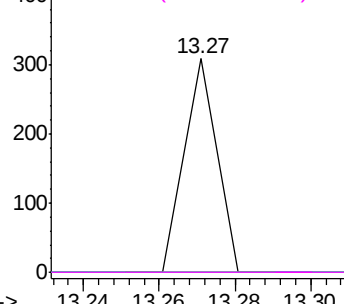


Abundance Ion 42.95 (42.65 to 43.65): VDC

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



#81

trans-1,4-Dichloro-2-butene

Concen: 178.373 ug/l

RT: 13.56 min Scan# 1232

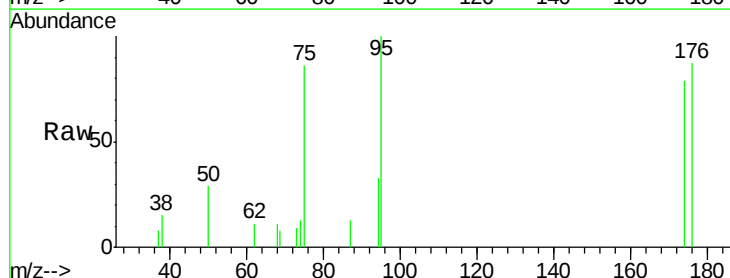
Delta R.T. 0.08 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Tgt Ion: 75 Resp: 4121

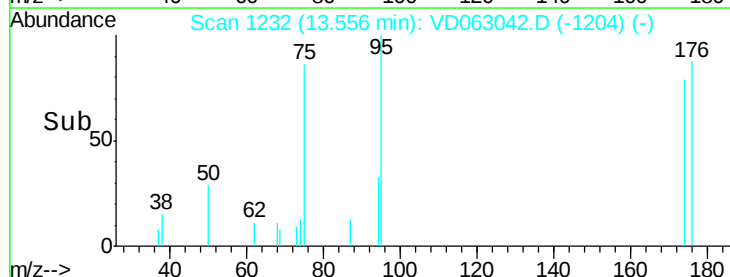
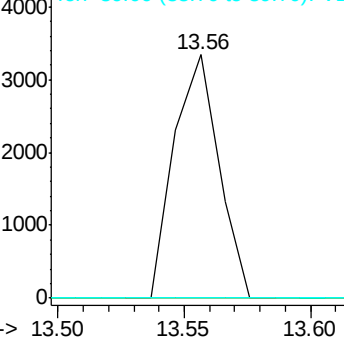
Ion	Ratio	Lower	Upper
75	100		
53	0.0	97.8	146.8#
89	0.0	39.4	59.2#

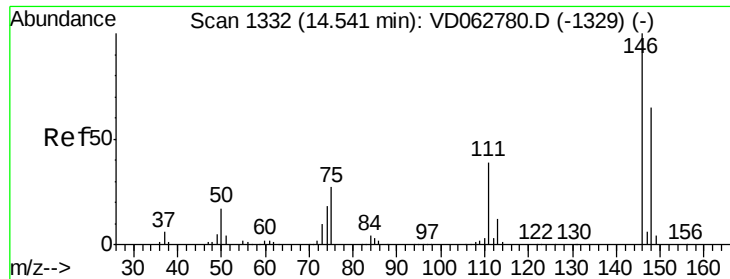


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#88

1,4-Dichlorobenzene

Concen: 1.725 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

Instrument :

MSVOA_D

ClientSampleId :

GC-SOIL-PILE

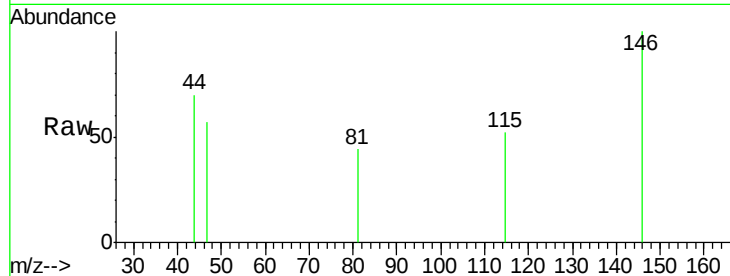
Tot Ion:146 Resp: 409

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

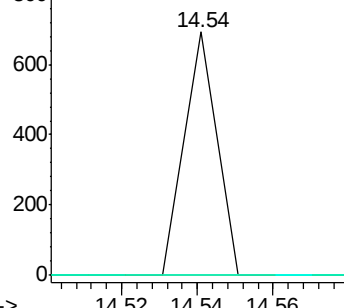
148 0.0 32.8 98.3#



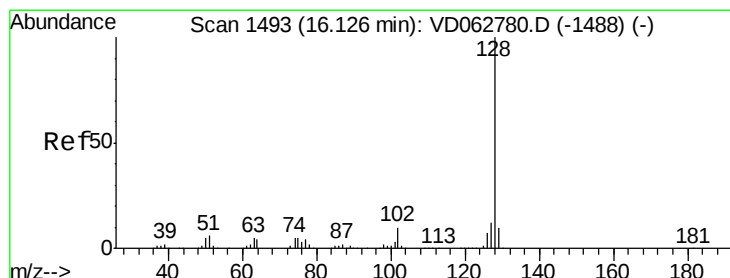
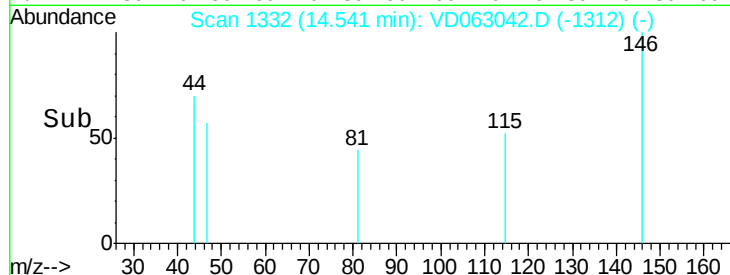
Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time-->



#95

Naphthalene

Concen: 1.298 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VD063042.D

Acq: 8 Jul 2019 17:53

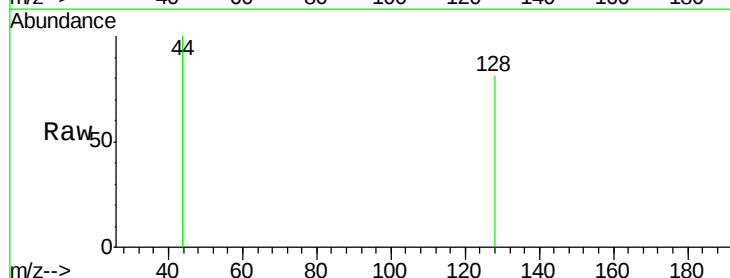
Tgt Ion:128 Resp: 287

Ion Ratio Lower Upper

128 100

127 0.0 9.7 14.5#

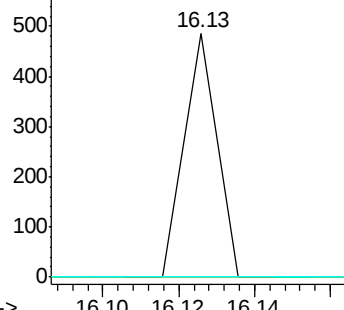
129 0.0 8.3 12.5#



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



Time-->

