

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073019\
 Data File : VD063246.D
 Acq On : 30 Jul 2019 17:16
 Operator : VA/AP
 Sample : K4043-13
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-258-260

Quant Time: Jul 31 04:56:29 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	7.04	168	24498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	41941	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	27003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	8259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	19822	72.92	ug/l	0.01
Spiked Amount			Recovery	=	145.84%	
35) Dibromofluoromethane	6.90	113	19164	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	
50) Toluene-d8	10.39	98	25735	32.11	ug/l	0.00
Spiked Amount			Recovery	=	64.22%	
62) 4-Bromofluorobenzene	13.55	95	7205	19.73	ug/l	0.00
Spiked Amount			Recovery	=	39.46%	

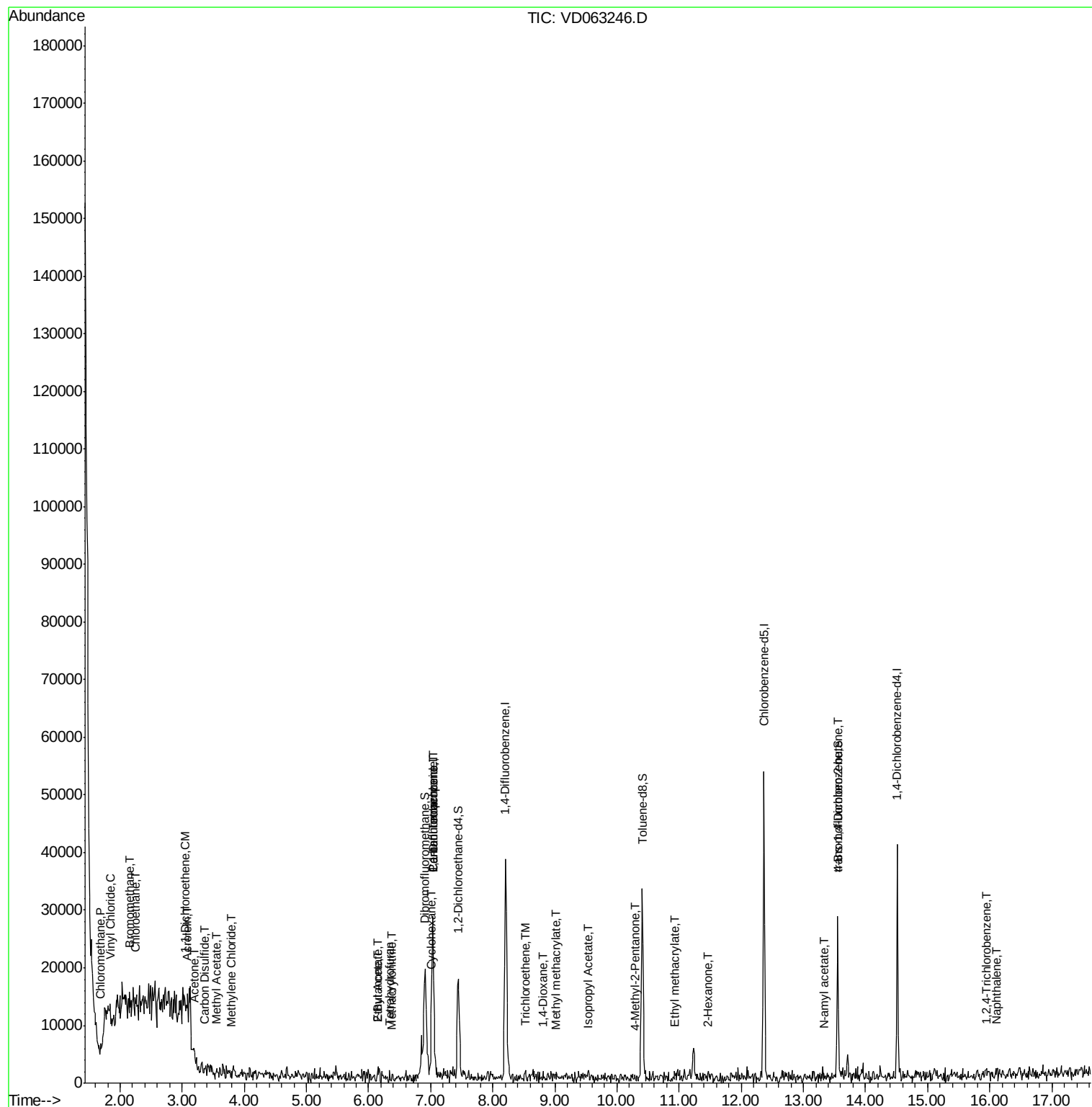
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.69	50	396	1.702	ug/l #	46
4) Vinyl Chloride	1.84	62	315	1.308	ug/l #	45
5) Bromomethane	2.16	94	903	7.434	ug/l #	12
6) Chloroethane	2.24	64	379	3.408	ug/l #	47
12) 1,1-Dichloroethene	3.05	96	204	1.074	ug/l #	1
13) Acrolein	3.06	56	440	38.325	ug/l #	15
16) Acetone	3.19	43	2662	50.262	ug/l #	62
17) Carbon Disulfide	3.36	76	865	1.360	ug/l #	74
18) Methyl Acetate	3.54	43	246	2.418	ug/l #	60
20) Methylene Chloride	3.79	84	305	1.425	ug/l #	2
25) 2-Butanone	6.16	43	263	4.948	ug/l #	56
29) Tetrahydrofuran	6.33	42	181	7.193	ug/l #	16
31) Cyclohexane	7.00	56	441	1.821	ug/l #	18
36) 1,1-Dichloropropene	7.04	75	1836	4.797	ug/l #	70
37) Ethyl Acetate	6.16	43	263	1.529	ug/l #	70
38) Carbon Tetrachloride	7.04	117	3807	6.607	ug/l #	11
41) Methacrylonitrile	6.39	41	213	1.035	ug/l #	40
43) Isopropyl Acetate	9.52	43	253	1.152	ug/l #	49
44) Trichloroethene	8.53	130	486	1.495	ug/l	3
48) Methyl methacrylate	9.00	41	178	1.249	ug/l #	14
49) 1,4-Dioxane	8.81	88	217	176.419	ug/l #	22
51) 4-Methyl-2-Pentanone	10.28	43	178	1.192	ug/l #	42
56) Ethyl methacrylate	10.94	69	212	1.074	ug/l #	13
59) 2-Hexanone	11.46	43	179	1.663	ug/l #	31
74) N-amyl acetate	13.33	43	431	3.145	ug/l #	53
81) trans-1,4-Dichloro-2-buten	13.55	75	3450	125.244	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.95	180	439	2.429	ug/l #	63
95) Naphthalene	16.12	128	827	3.237	ug/l #	70

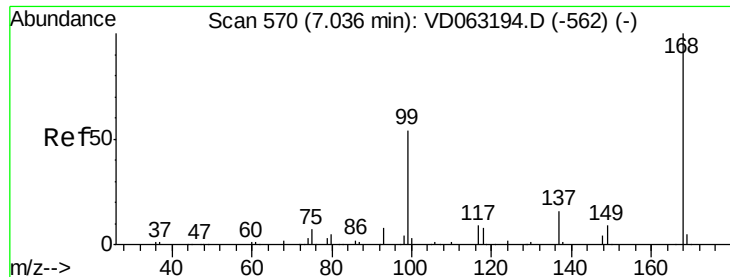
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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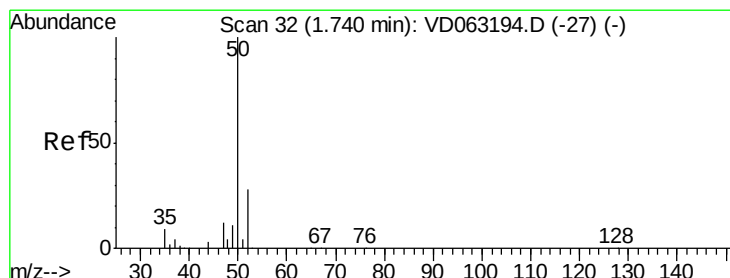
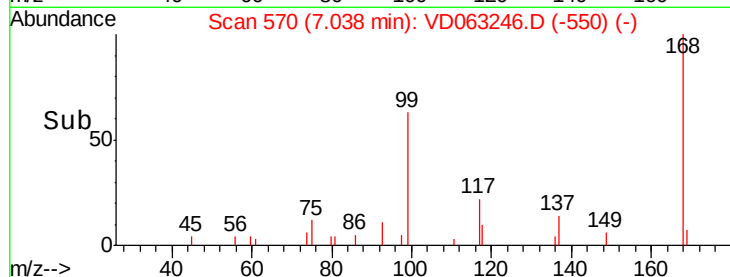
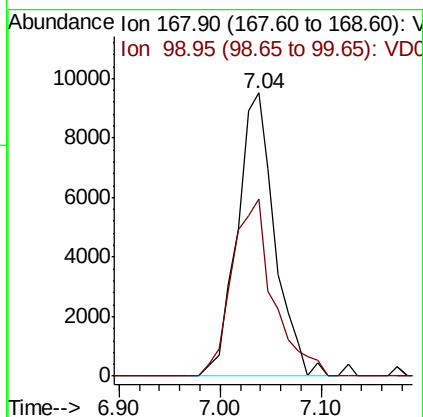
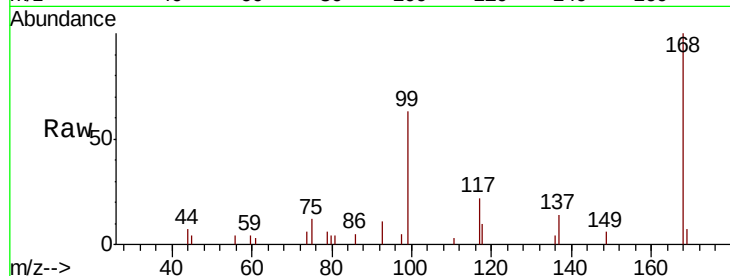




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

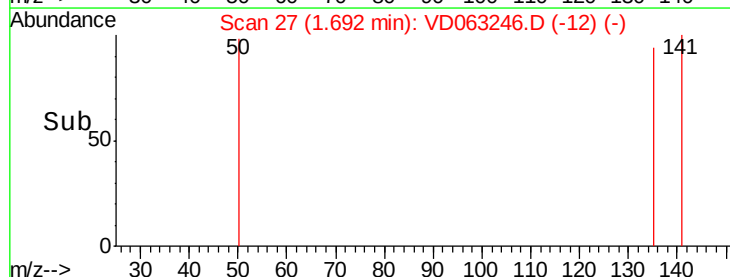
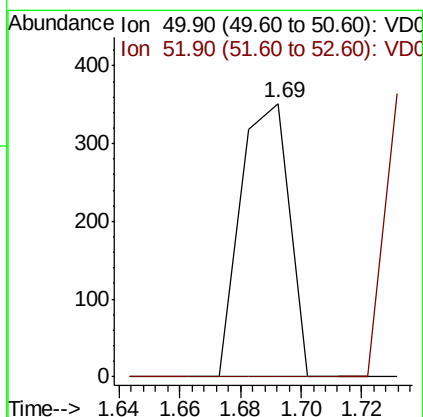
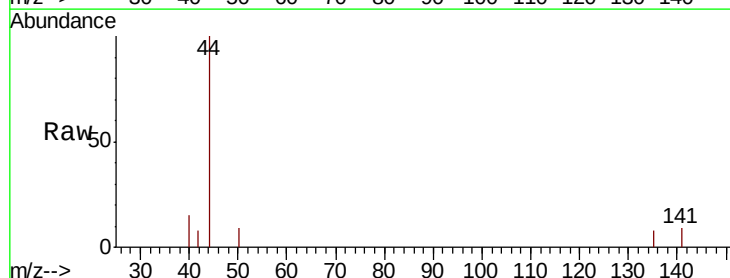
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

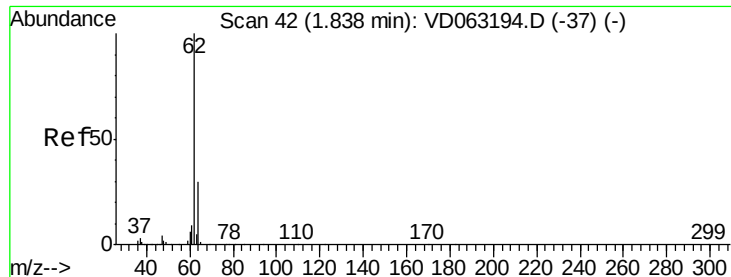
Tot Ion:168 Resp: 24498
Ion Ratio Lower Upper
168 100
99 62.6 43.7 65.5



#3
Chloromethane
Concen: 1.702 ug/l
RT: 1.69 min Scan# 27
Delta R.T. -0.05 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 0.0 22.6 34.0#





#4

Vinyl Chloride

Concen: 1.308 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

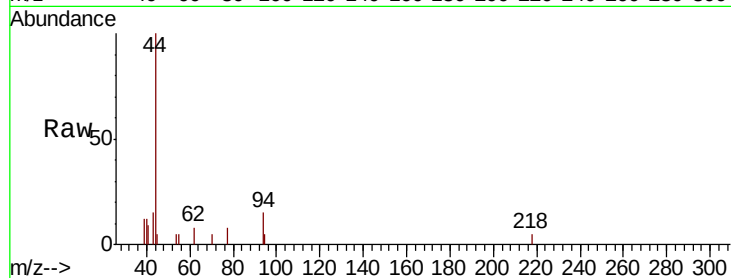
BP-VPB203-GW-258-260

Tot Ion: 62 Resp: 315

Ion Ratio Lower Upper

62 100

64 0.0 24.1 36.1#



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

600

500

400

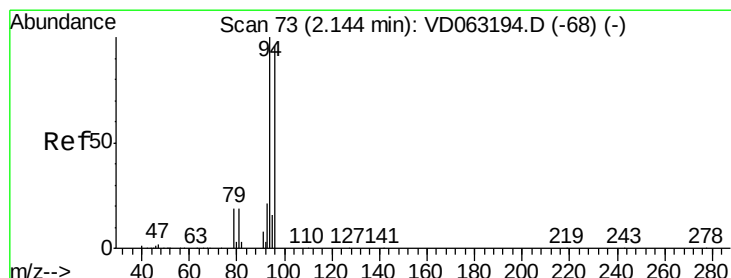
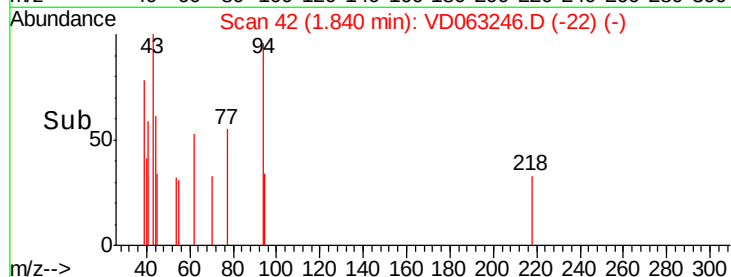
300

200

100

0

Time-->



#5

Bromomethane

Concen: 7.434 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

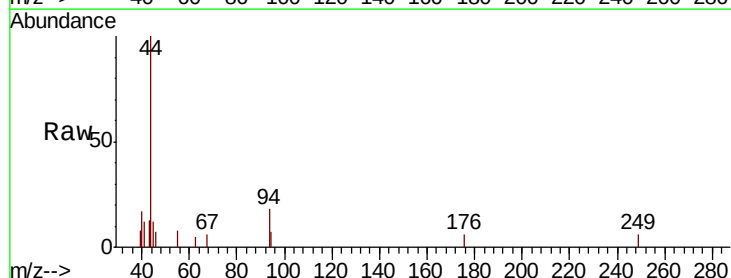
Tgt Ion: 94 Resp: 903

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

2000

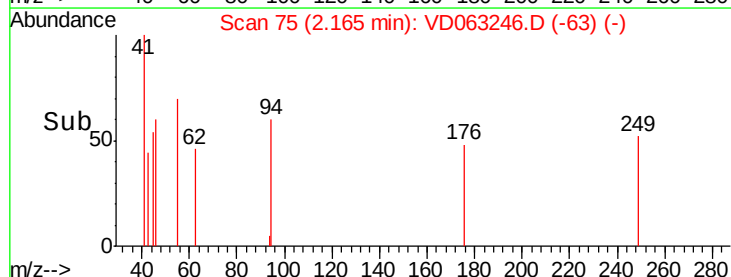
1500

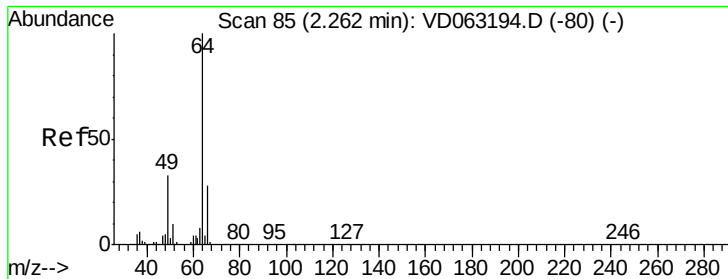
1000

500

0

Time-->





#6

Chloroethane

Concen: 3.408 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.02 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

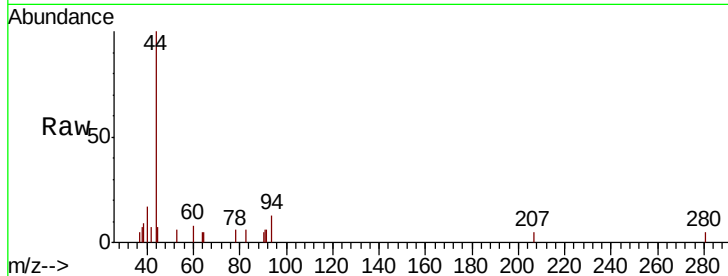
BP-VPB203-GW-258-260

Tot Ion: 64 Resp: 379

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

2.24

600

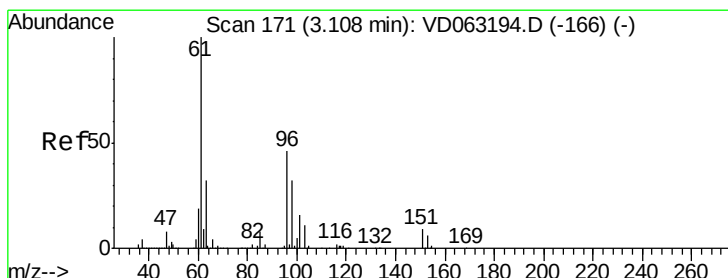
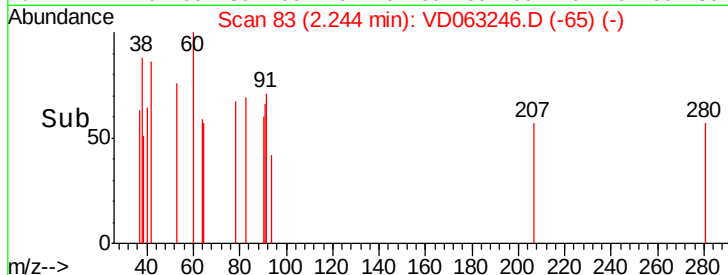
400

200

0

2.22 2.24 2.26

Time-->



#12

1,1-Dichloroethene

Concen: 1.074 ug/l

RT: 3.05 min Scan# 165

Delta R.T. -0.06 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

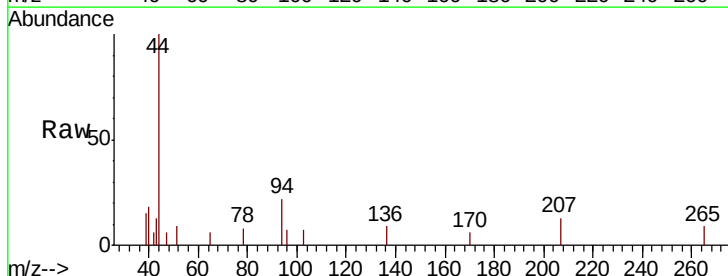
Tgt Ion: 96 Resp: 204

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

3.05

400

300

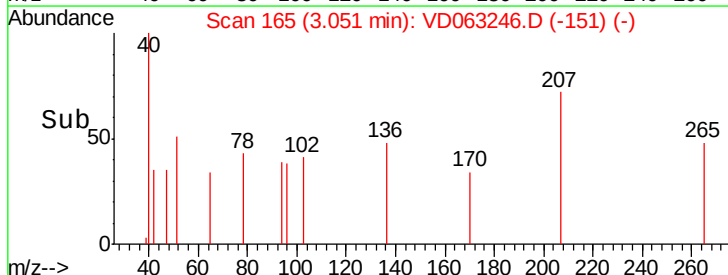
200

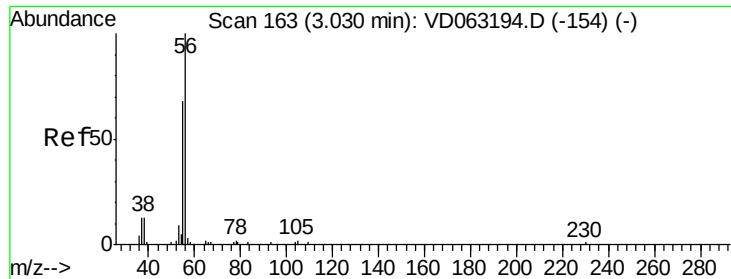
100

0

3.02 3.04 3.06 3.08

Time-->





#13

Acrolein

Concen: 38.325 ug/l

RT: 3.06 min Scan# 166

Delta R.T. 0.03 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

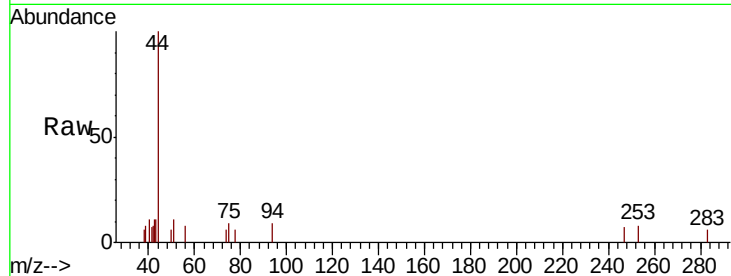
BP-VPB203-GW-258-260

Tot Ion: 56 Resp: 440

Ion Ratio Lower Upper

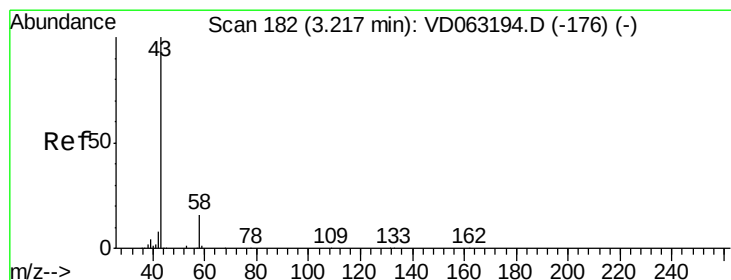
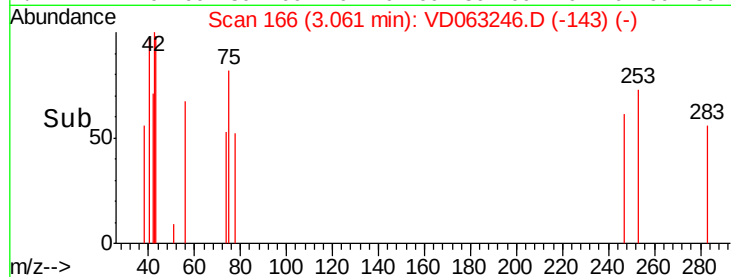
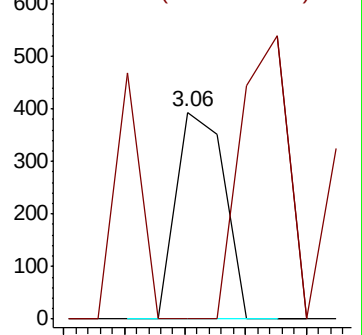
56 100

55 0.0 55.3 82.9#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#16

Acetone

Concen: 50.262 ug/l

RT: 3.19 min Scan# 179

Delta R.T. -0.03 min

Lab File: VD063246.D

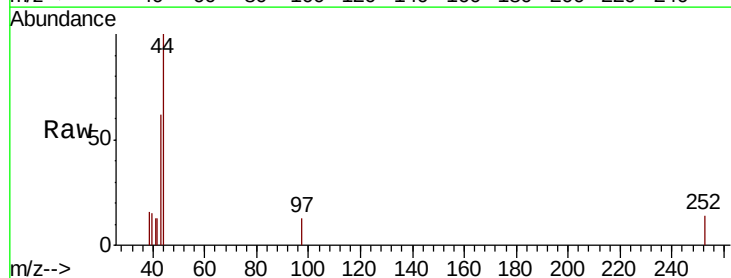
Acq: 30 Jul 2019 17:16

Tgt Ion: 43 Resp: 2662

Ion Ratio Lower Upper

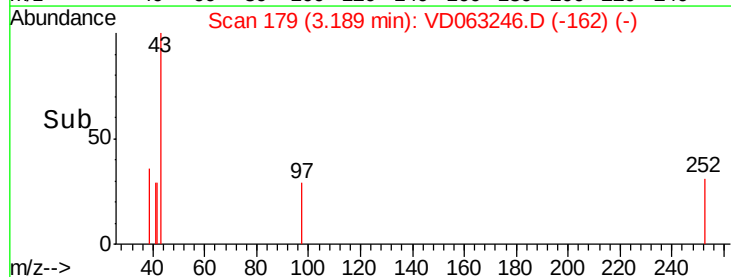
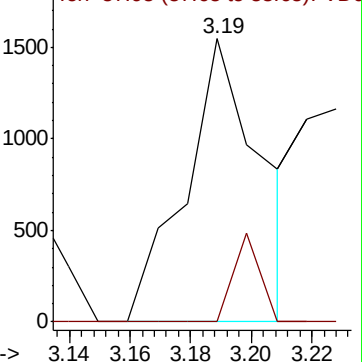
43 100

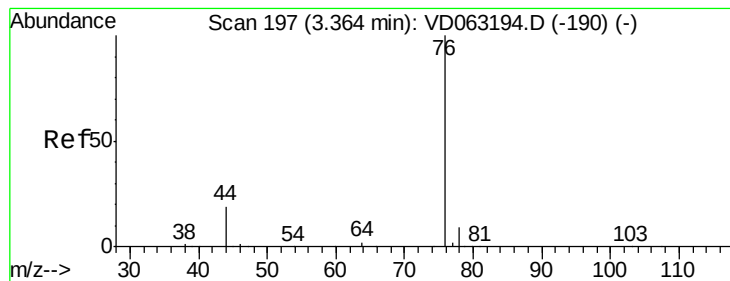
58 0.0 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.360 ug/l

RT: 3.36 min Scan# 196

Delta R.T. -0.01 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

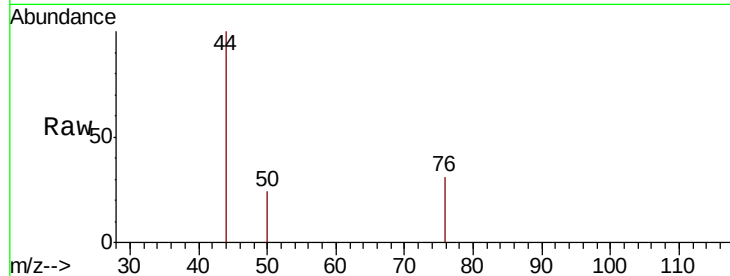
BP-VPB203-GW-258-260

Tot Ion: 76 Resp: 865

Ion Ratio Lower Upper

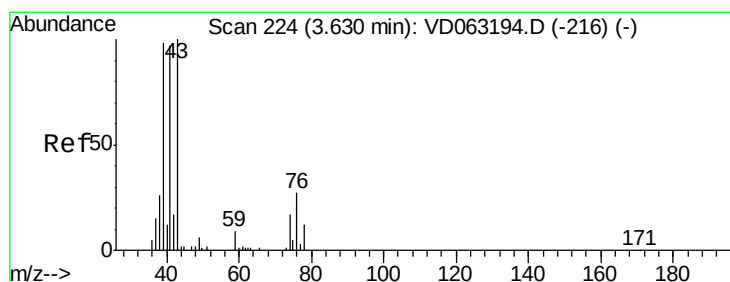
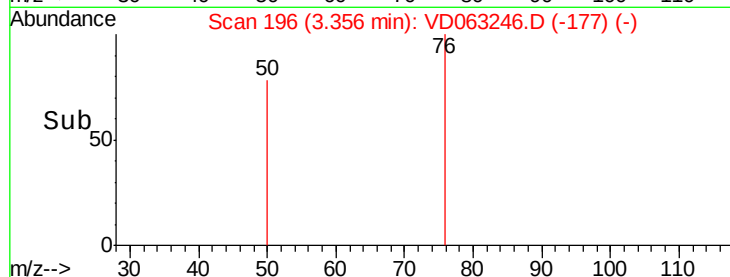
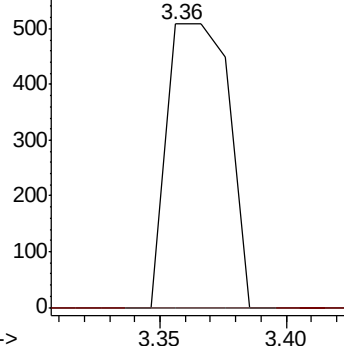
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 2.418 ug/l

RT: 3.54 min Scan# 215

Delta R.T. -0.09 min

Lab File: VD063246.D

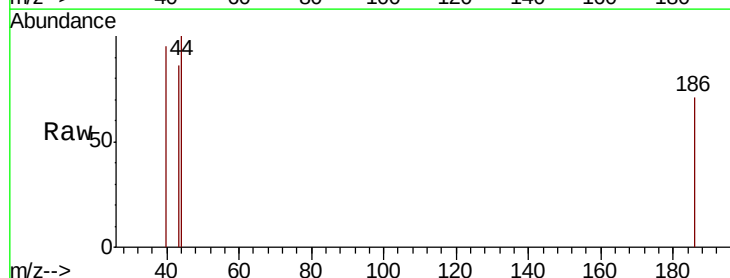
Acq: 30 Jul 2019 17:16

Tgt Ion: 43 Resp: 246

Ion Ratio Lower Upper

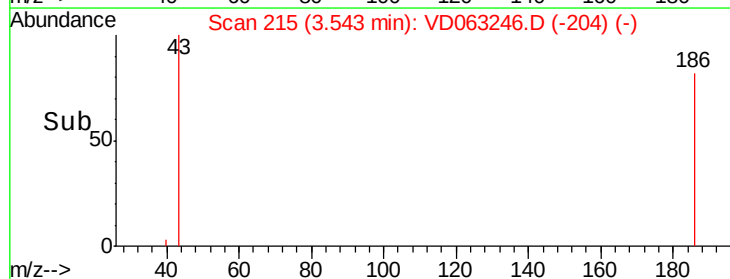
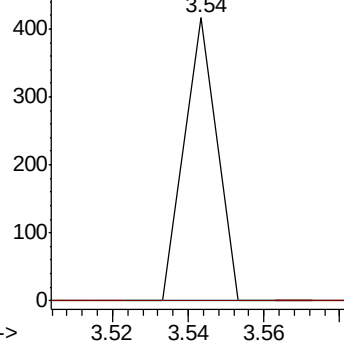
43 100

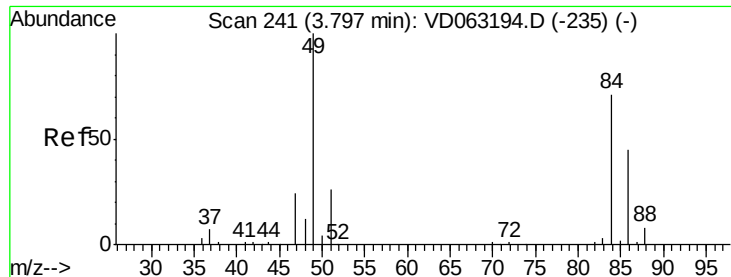
74 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

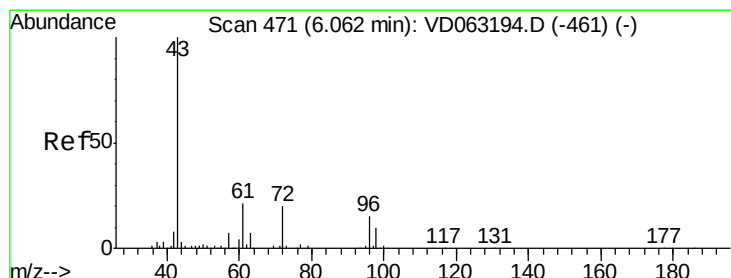
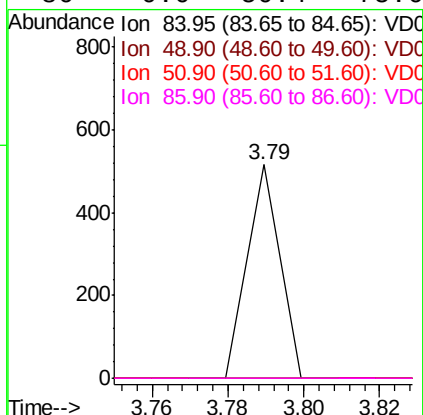
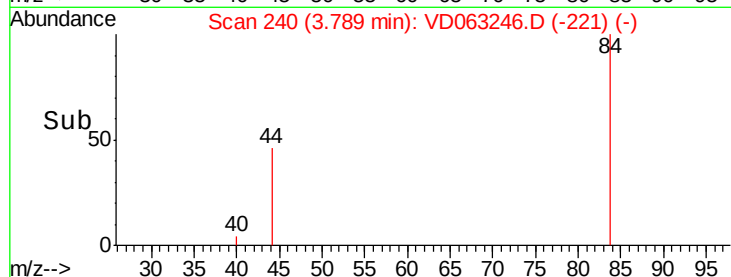
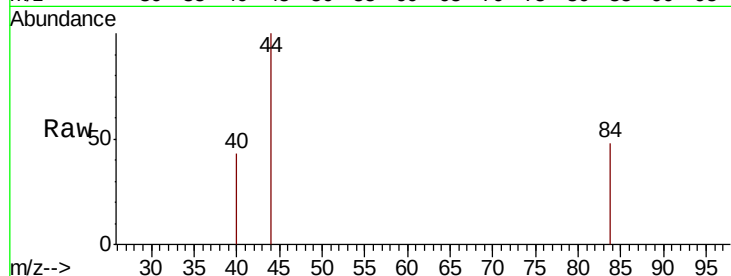




#20
Methvlene Chloride
Concen: 1.425 ug/l
RT: 3.79 min Scan# 240
Delta R.T. -0.01 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

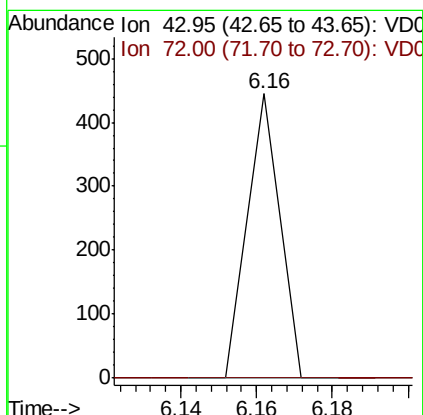
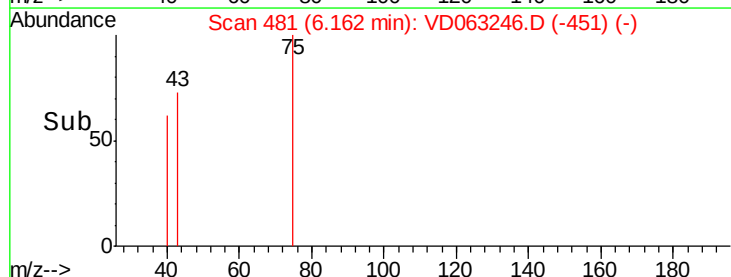
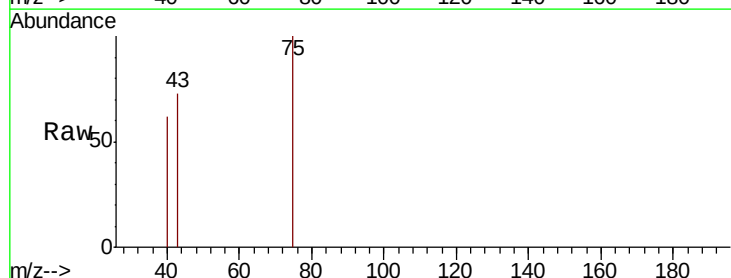
Instrument :
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BP-VPB203-GW-258-260

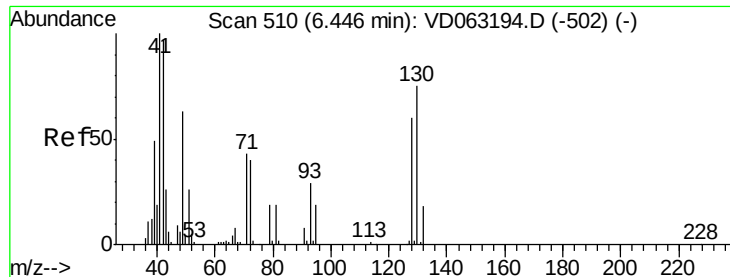
Tot Ion: 84 Resp: 305
Ion Ratio Lower Upper
84 100
49 0.0 112.5 168.7#
51 0.0 29.6 44.4#
86 0.0 50.4 75.6#



#25
2-Butanone
Concen: 4.948 ug/l
RT: 6.16 min Scan# 481
Delta R.T. 0.10 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 43 Resp: 263
Ion Ratio Lower Upper
43 100
72 0.0 16.3 24.5#





#29

Tetrahydrofuran

Concen: 7.193 ug/l

RT: 6.33 min Scan# 498

Delta R.T. -0.12 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-258-260

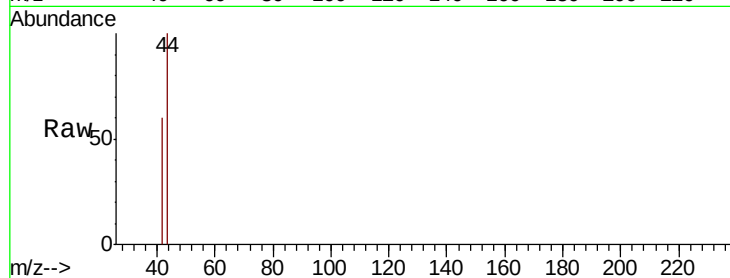
Tot Ion: 42 Resp: 181

Ion Ratio Lower Upper

42 100

72 105.0 33.4 50.2#

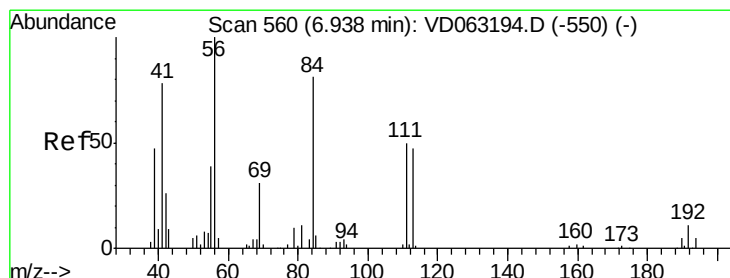
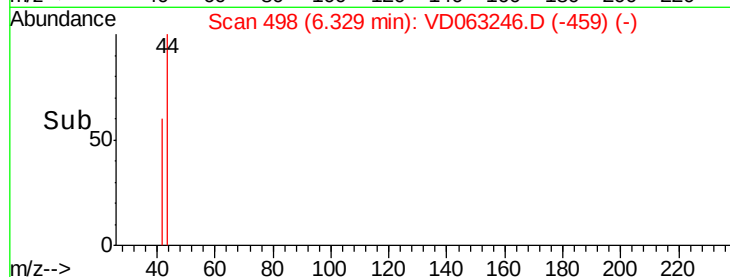
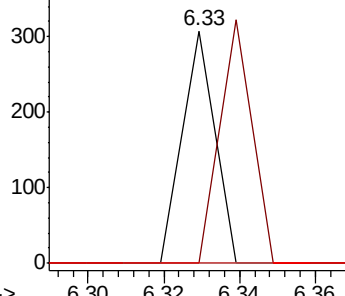
71 0.0 35.7 53.5#



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



#31

Cyclohexane

Concen: 1.821 ug/l

RT: 7.00 min Scan# 566

Delta R.T. 0.06 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

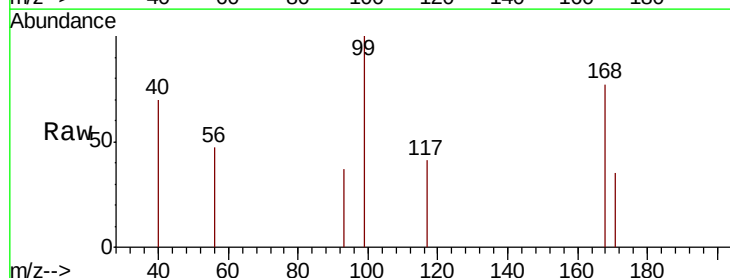
Tgt Ion: 56 Resp: 441

Ion Ratio Lower Upper

56 100

69 0.0 24.5 36.7#

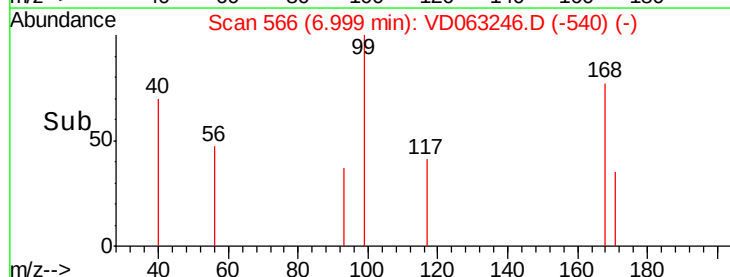
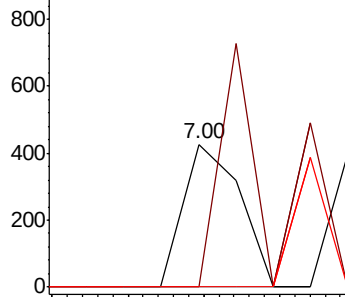
84 0.0 64.9 97.3#

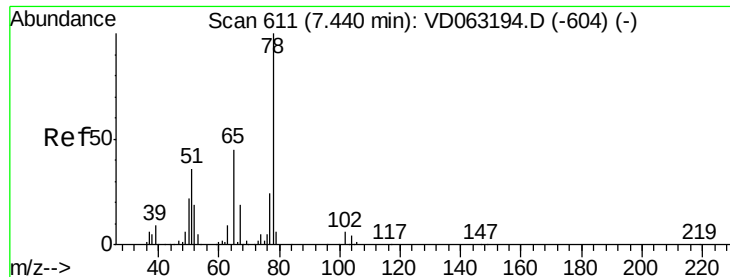


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

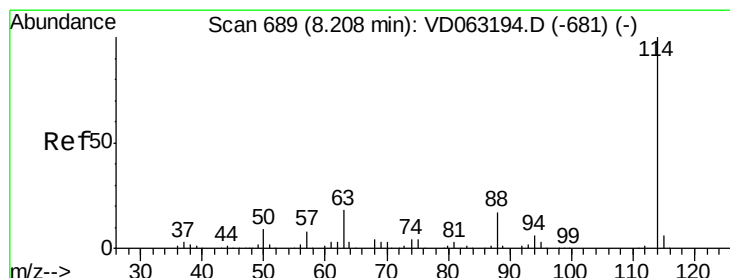
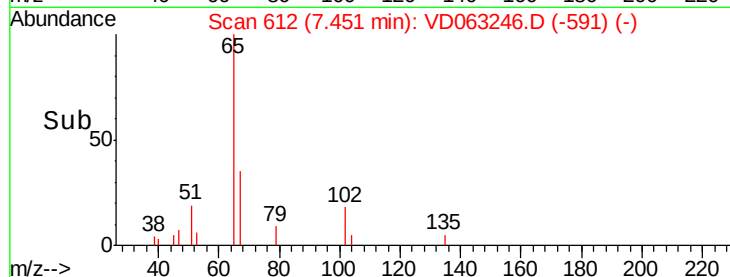
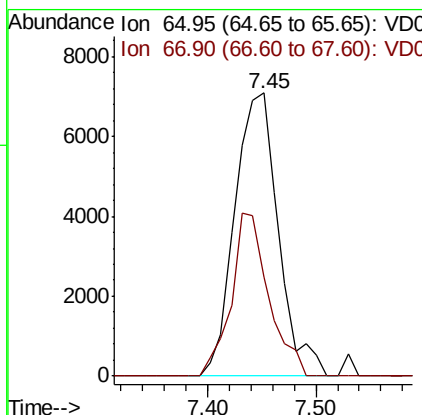
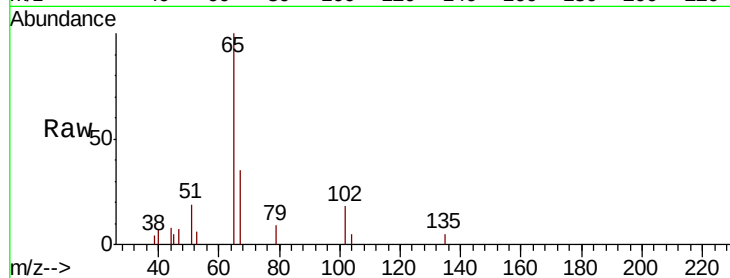




#33
 1,2-Dichloroethane-d4
 Concen: 72.921 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.01 min
 Lab File: VD063246.D
 Acq: 30 Jul 2019 17:16

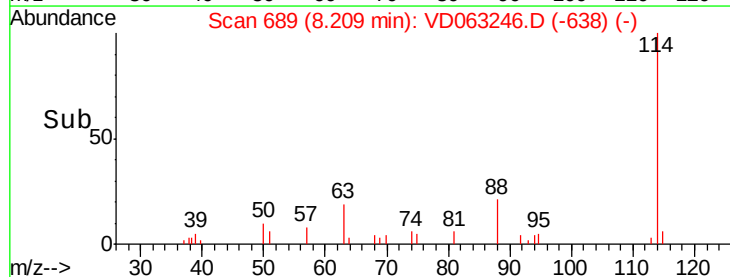
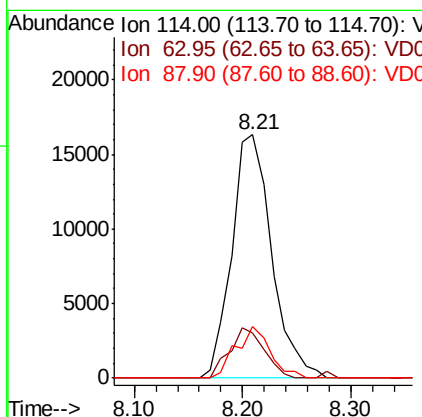
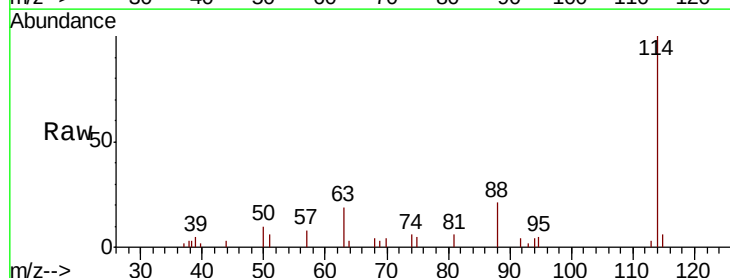
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB203-GW-258-260

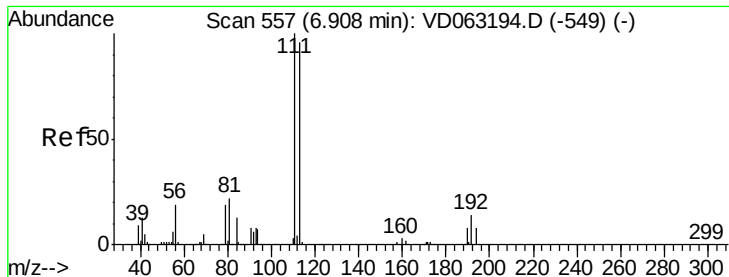
Tot Ion: 65 Resp: 19822
 Ion Ratio Lower Upper
 65 100
 67 35.2 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063246.D
 Acq: 30 Jul 2019 17:16

Tgt Ion: 114 Resp: 41941
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.2
 88 21.2 0.0 34.6





#35

Dibromofluoromethane

Concen: 53.518 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.01 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-258-260

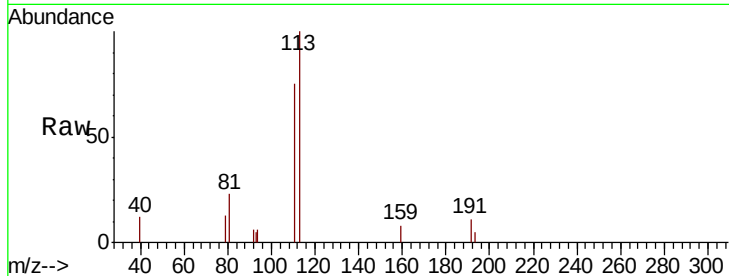
Tot Ion:113 Resp: 19164

Ion Ratio Lower Upper

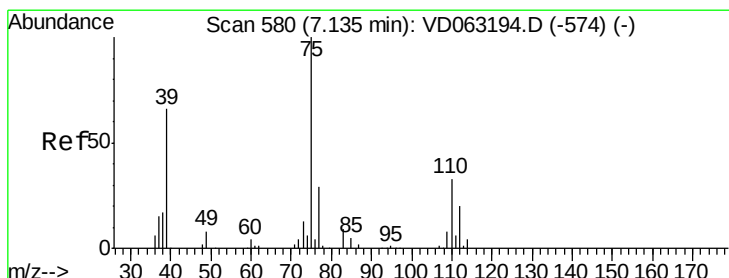
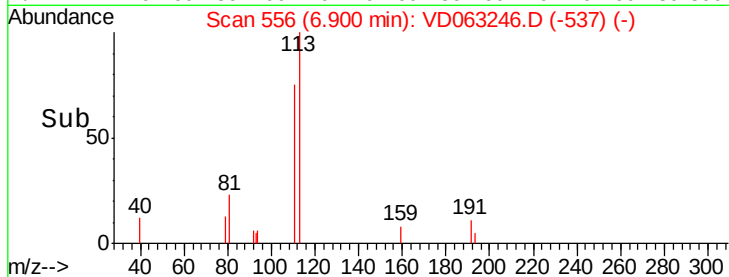
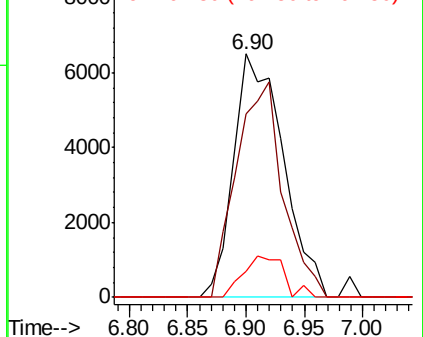
113 100

111 75.1 83.2 124.8#

192 10.9 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: 4.797 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.10 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

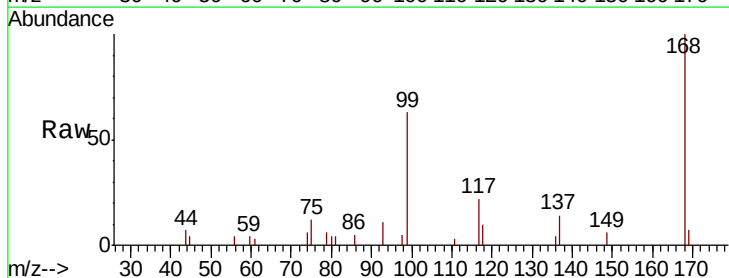
Tgt Ion: 75 Resp: 1836

Ion Ratio Lower Upper

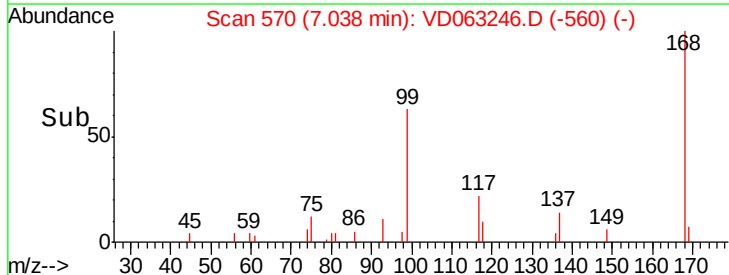
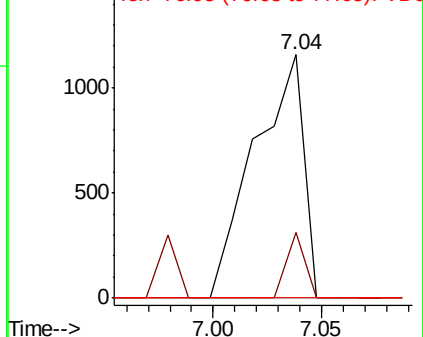
75 100

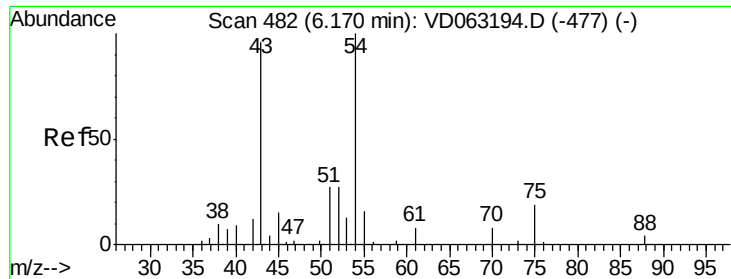
110 27.0 16.1 48.2

77 0.0 22.7 34.1#



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: 1.529 ug/l

RT: 6.16 min Scan# 481

Delta R.T. -0.01 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-258-260

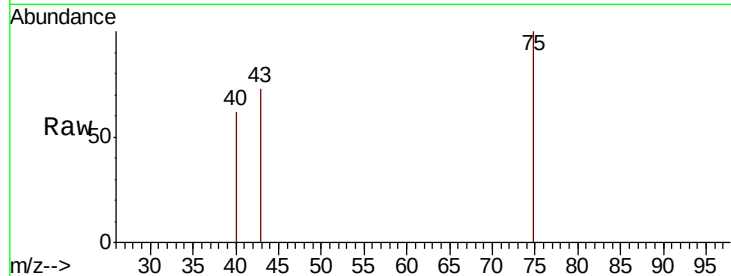
Tot Ion: 43 Resp: 263

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

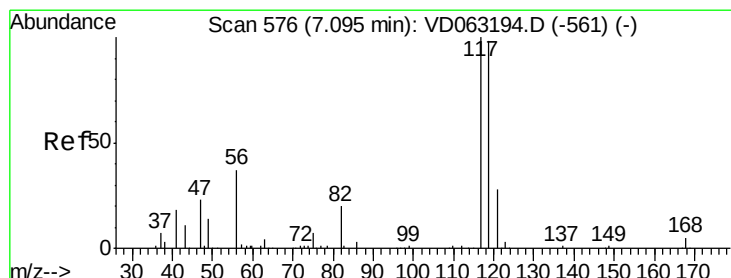
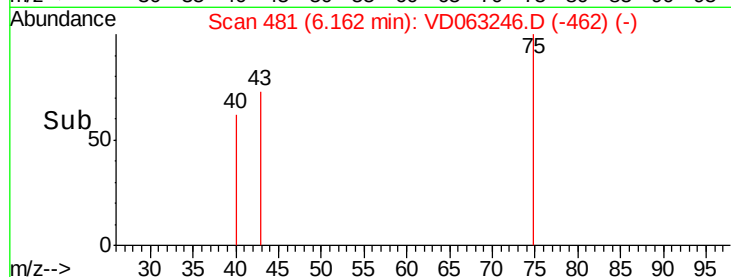
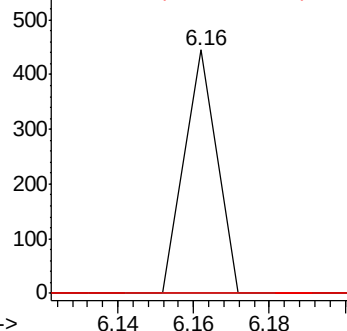
70 0.0 5.1 7.7#



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: 6.607 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.06 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

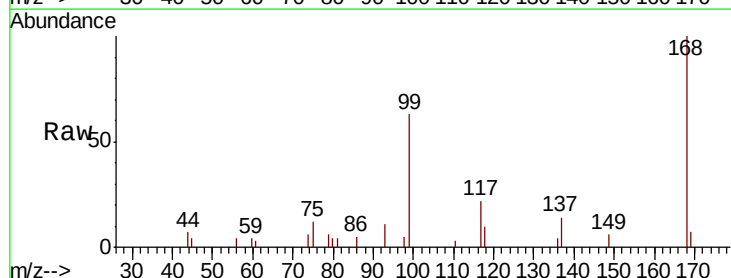
Tgt Ion: 117 Resp: 3807

Ion Ratio Lower Upper

117 100

119 0.0 78.2 117.2#

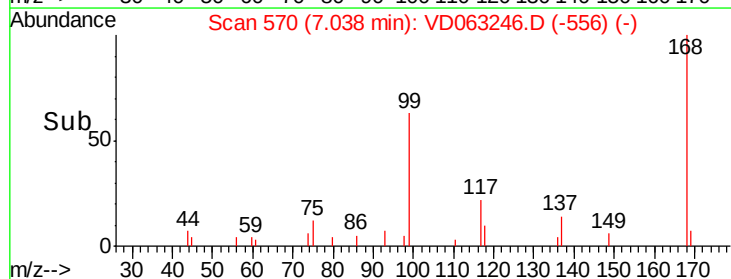
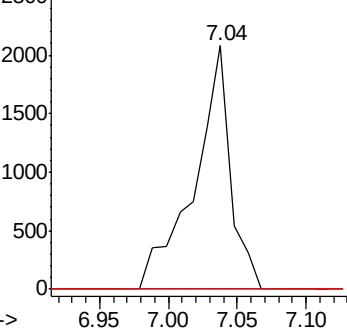
121 0.0 22.1 33.1#

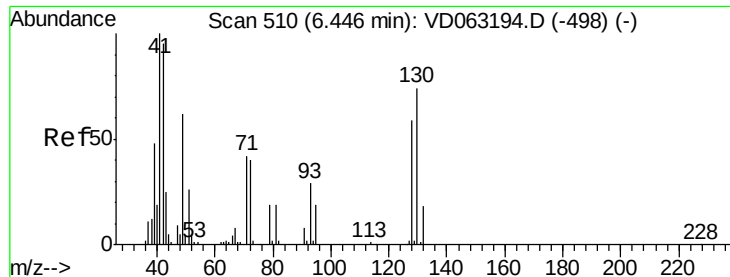


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#41

Methacrylonitrile

Concen: 1.035 ug/l

RT: 6.39 min Scan# 504

Delta R.T. -0.06 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-258-260

Tot Ion: 41 Resp: 213

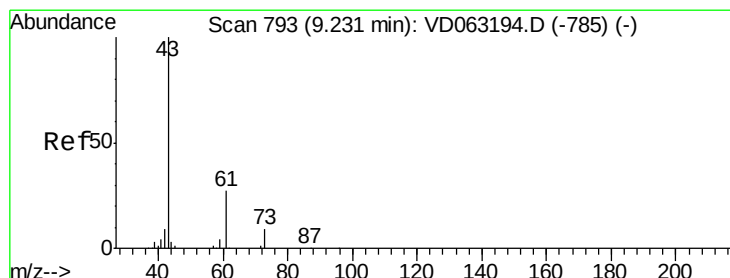
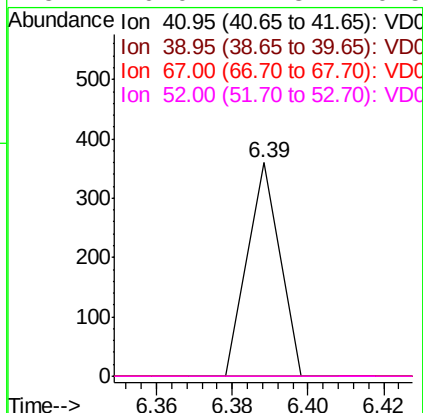
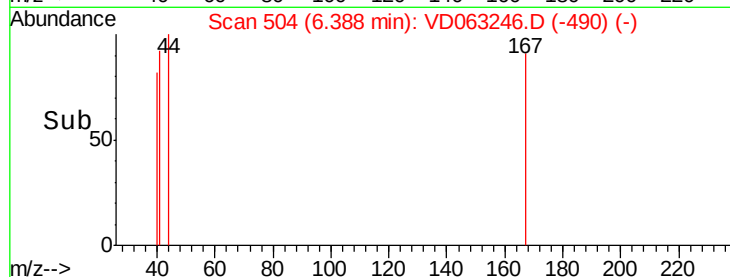
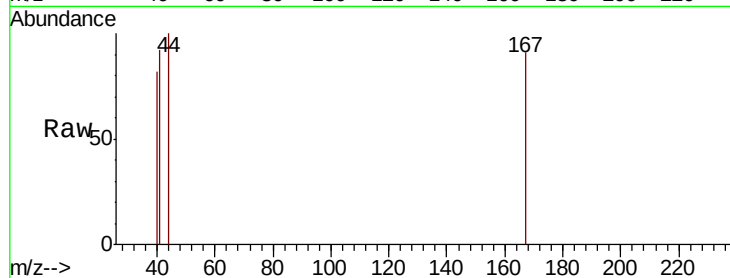
Ion Ratio Lower Upper

41 100

39 0.0 38.4 57.6#

67 0.0 6.7 10.1#

52 0.0 4.3 6.5#



#43

Isopropyl Acetate

Concen: 1.152 ug/l

RT: 9.52 min Scan# 822

Delta R.T. 0.29 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

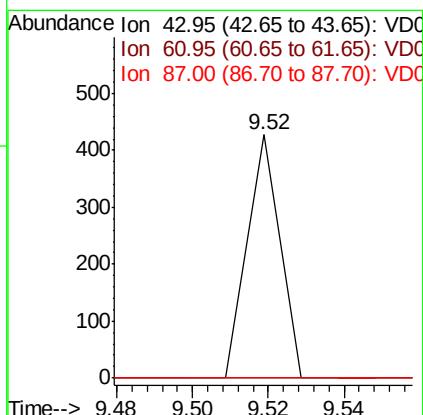
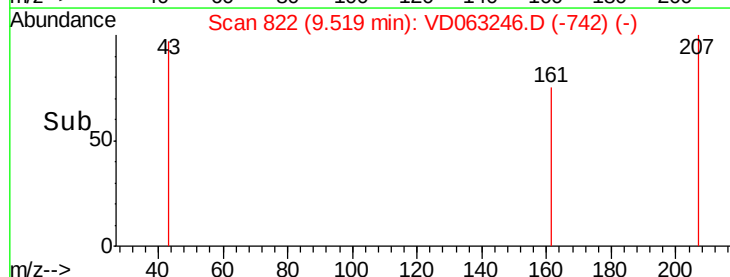
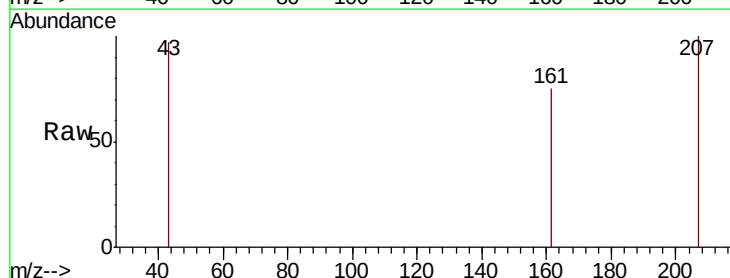
Tgt Ion: 43 Resp: 253

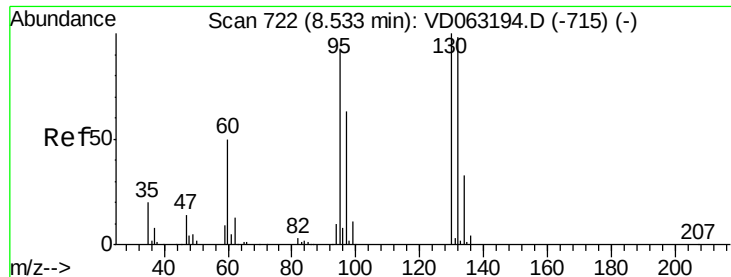
Ion Ratio Lower Upper

43 100

61 0.0 21.4 32.0#

87 0.0 0.2 0.4#





#44

Trichloroethene

Concen: 1.495 ug/l

RT: 8.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

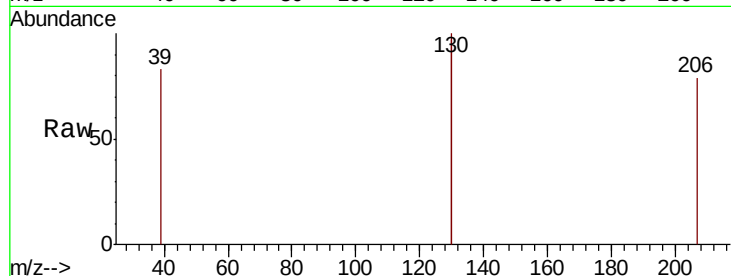
BP-VPB203-GW-258-260

Tot Ion:130 Resp: 486

Ion Ratio Lower Upper

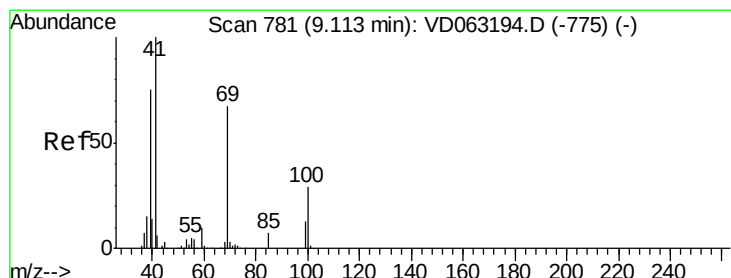
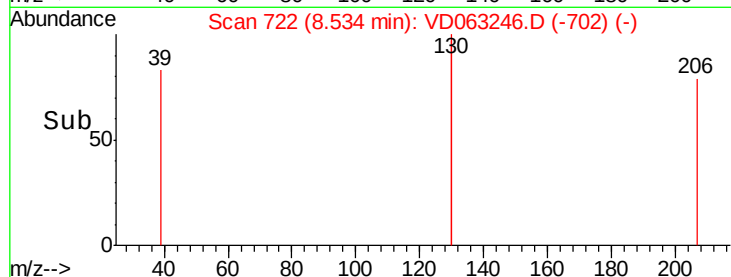
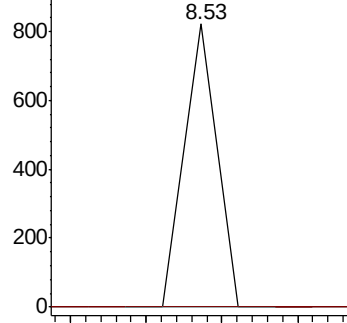
130 100

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



#48

Methyl methacrylate

Concen: 1.249 ug/l

RT: 9.00 min Scan# 769

Delta R.T. -0.12 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

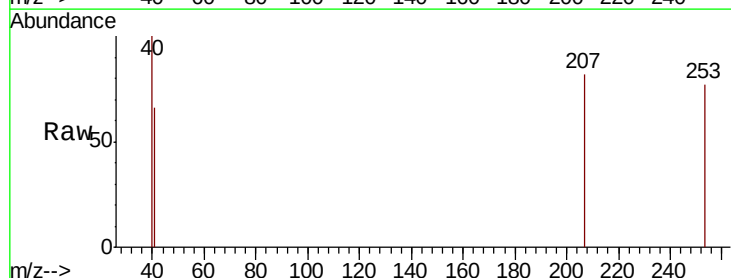
Tgt Ion: 41 Resp: 178

Ion Ratio Lower Upper

41 100

69 0.0 53.4 80.0#

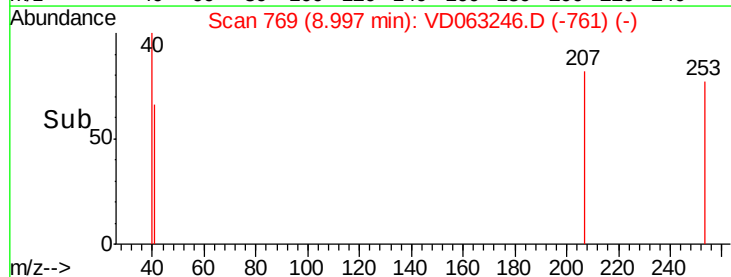
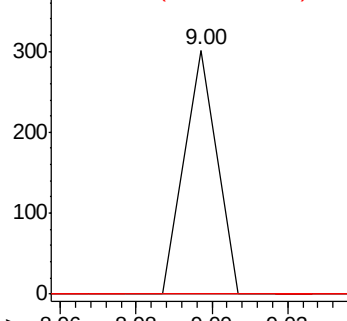
39 0.0 60.3 90.5#

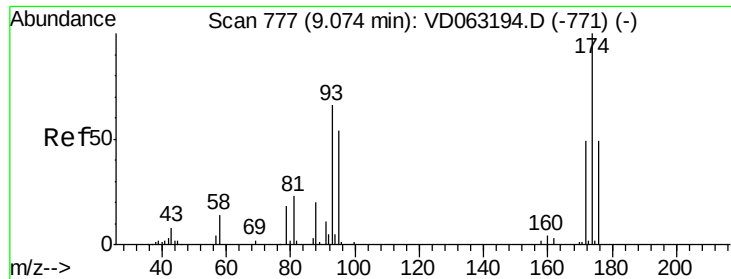


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

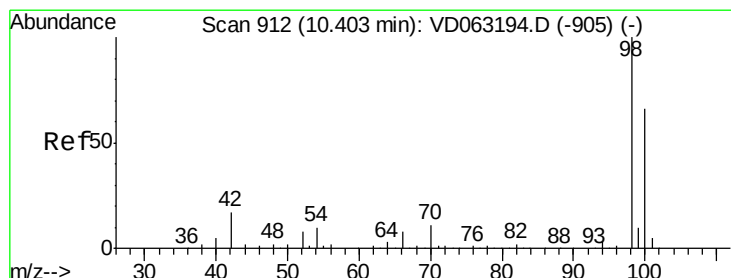
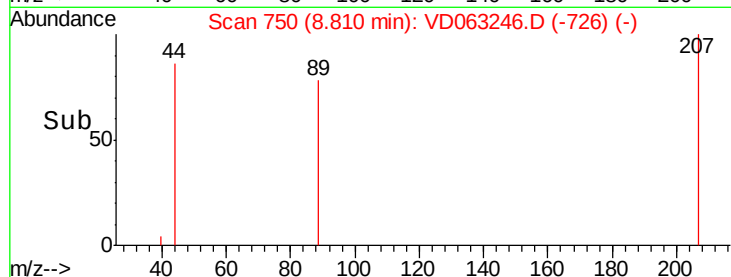
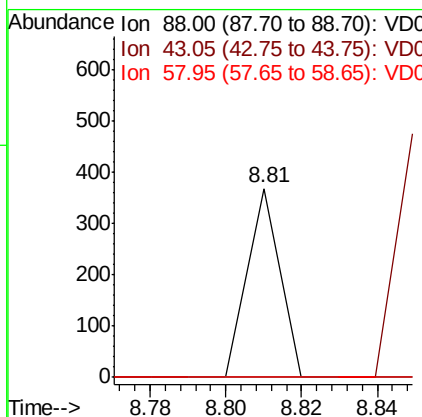
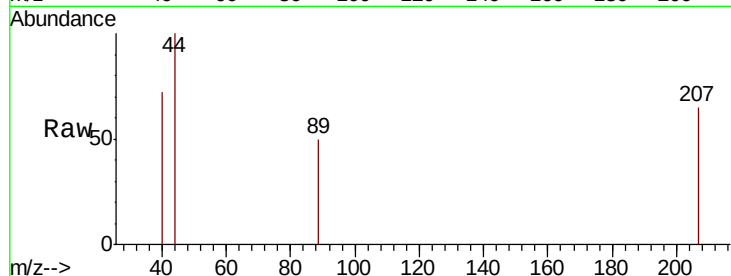




#49
1,4-Dioxane
Concen: 176.419 ug/l
RT: 8.81 min Scan# 750
Delta R.T. -0.26 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

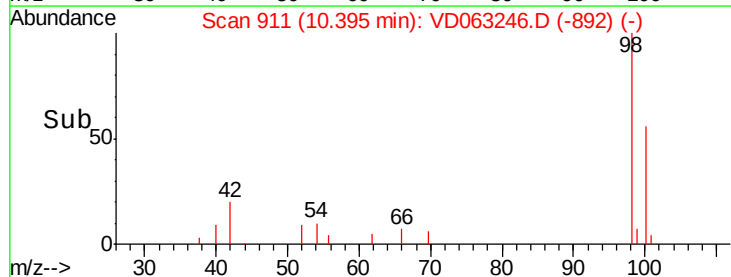
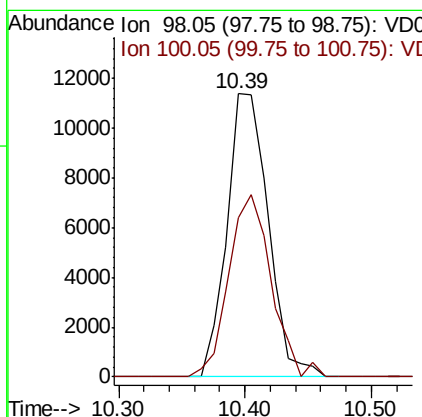
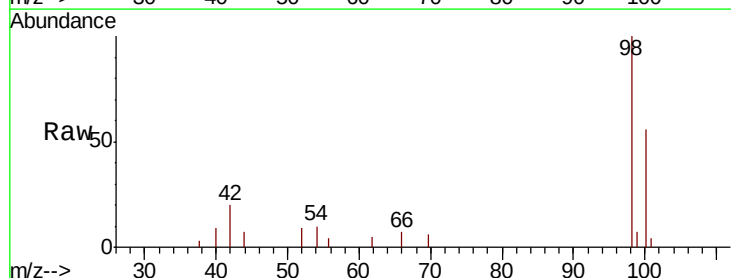
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

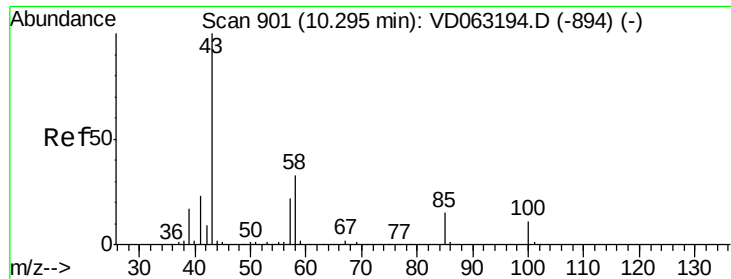
Tot Ion: 88 Resp: 217
Ion Ratio Lower Upper
88 100
43 0.0 30.7 46.1#
58 0.0 56.5 84.7#



#50
Toluene-d8
Concen: 32.113 ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 98 Resp: 25735
Ion Ratio Lower Upper
98 100
100 56.1 53.2 79.8

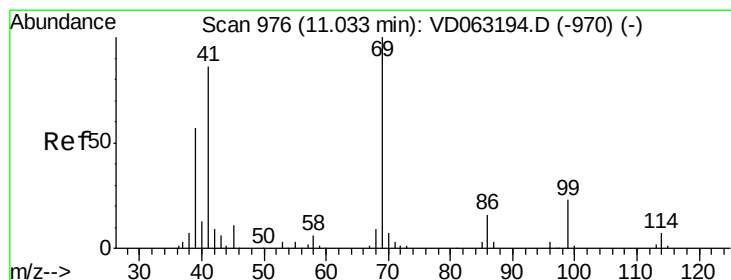
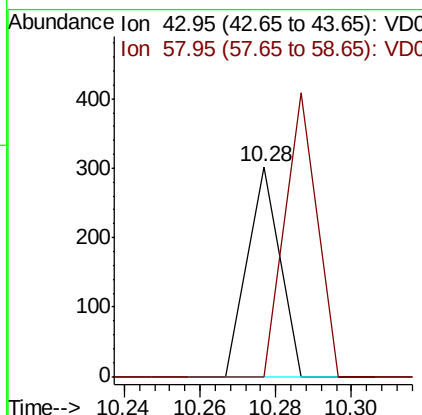
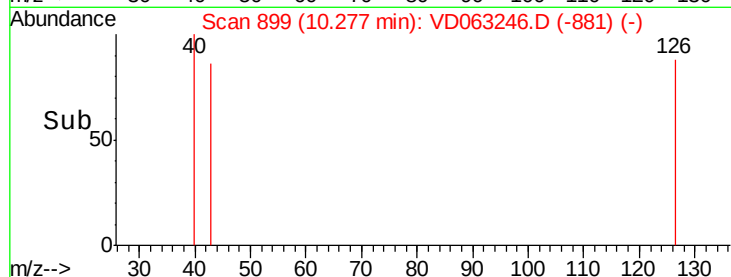
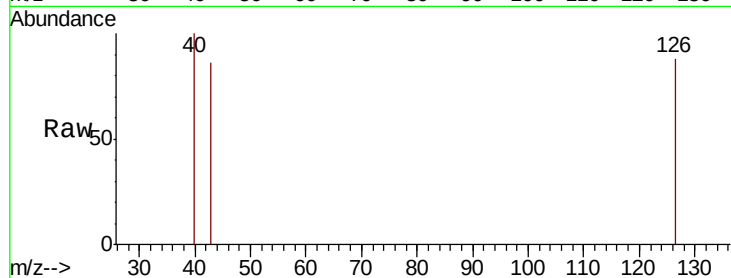




#51
4-Methyl-2-Pentanone
Concen: 1.192 ug/l
RT: 10.28 min Scan# 899
Delta R.T. -0.02 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

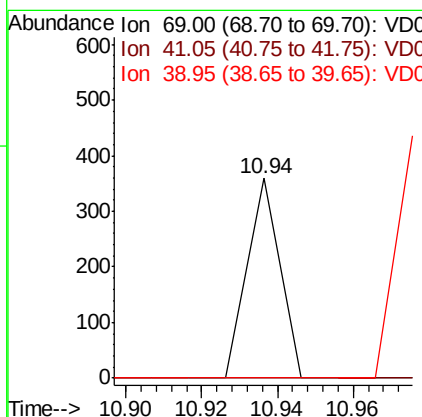
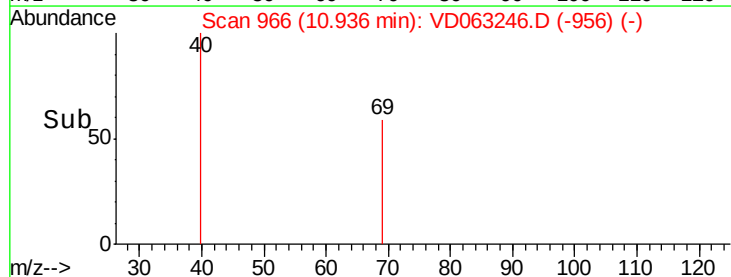
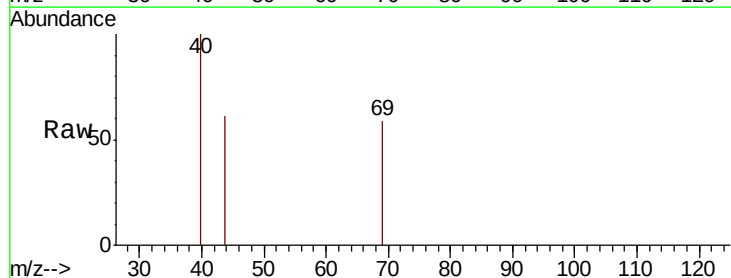
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

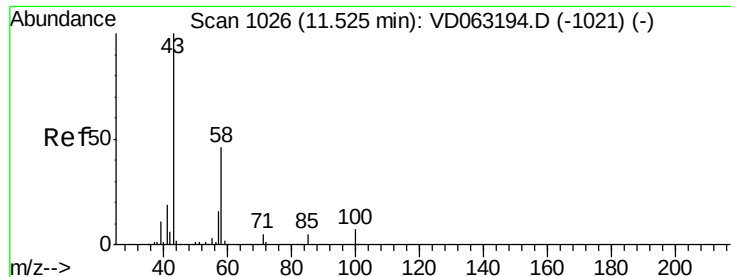
Tot Ion: 43 Resp: 178
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#



#56
Ethyl methacrylate
Concen: 1.074 ug/l
RT: 10.94 min Scan# 966
Delta R.T. -0.10 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 69 Resp: 212
Ion Ratio Lower Upper
69 100
41 0.0 68.8 103.2#
39 0.0 45.8 68.8#

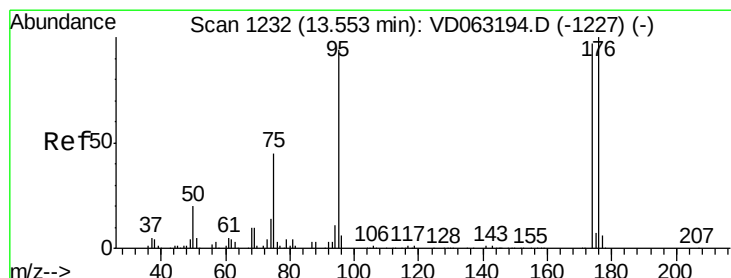
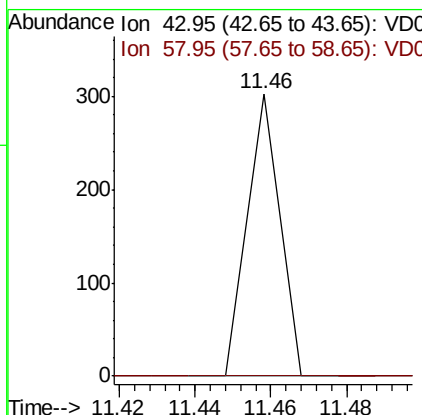
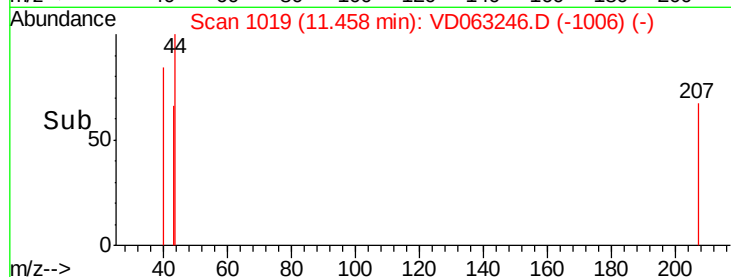
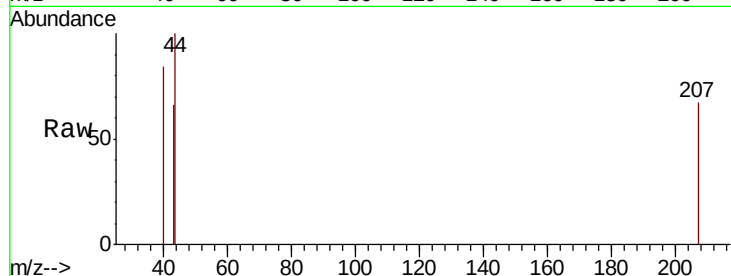




#59
2-Hexanone
Concen: 1.663 ug/l
RT: 11.46 min Scan# 1019
Delta R.T. -0.07 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

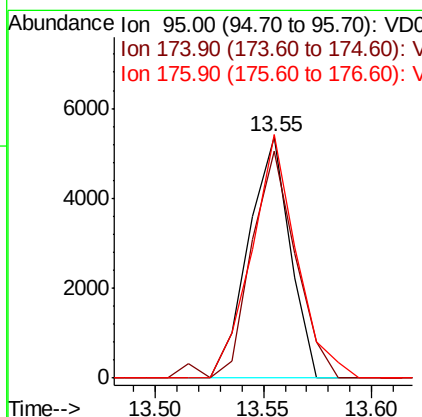
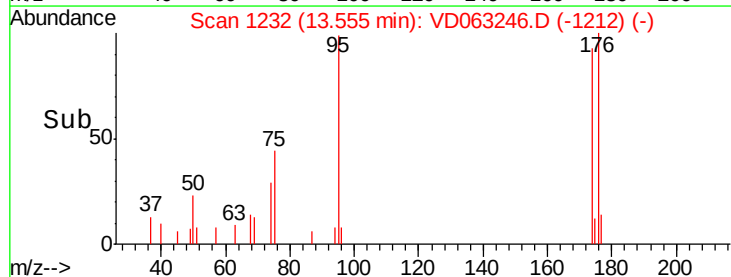
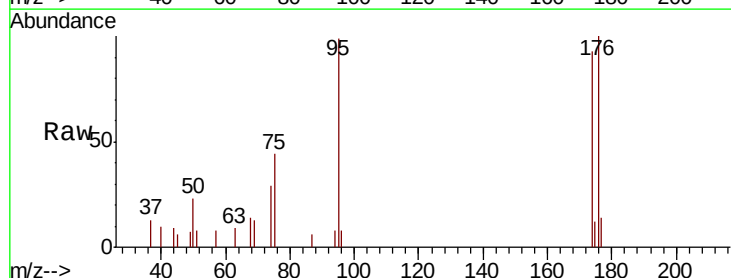
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

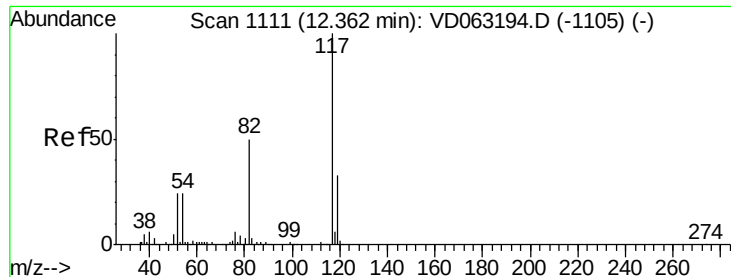
Tot Ion: 43 Resp: 179
Ion Ratio Lower Upper
43 100
58 0.0 22.9 68.5#



#62
4-Bromofluorobenzene
Concen: 19.729 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 95 Resp: 7205
Ion Ratio Lower Upper
95 100
174 94.2 0.0 205.4
176 115.5 0.0 211.8

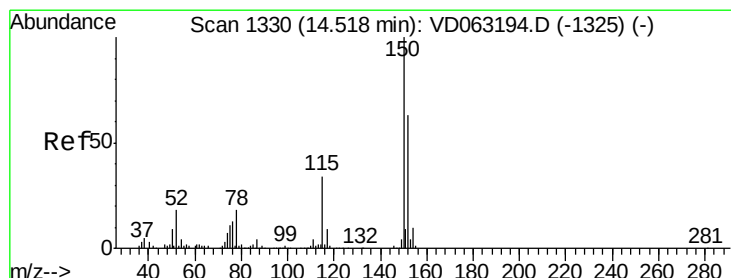
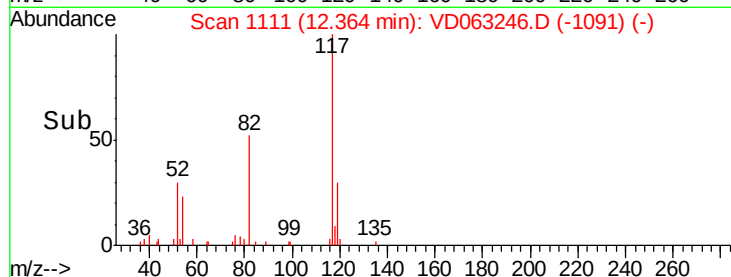
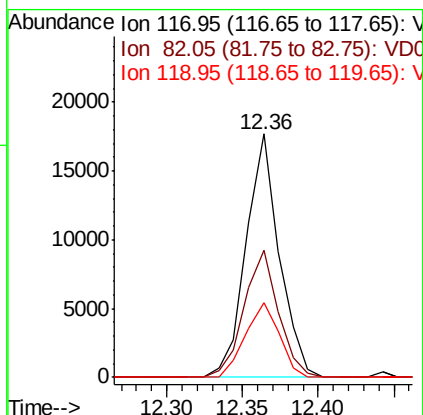
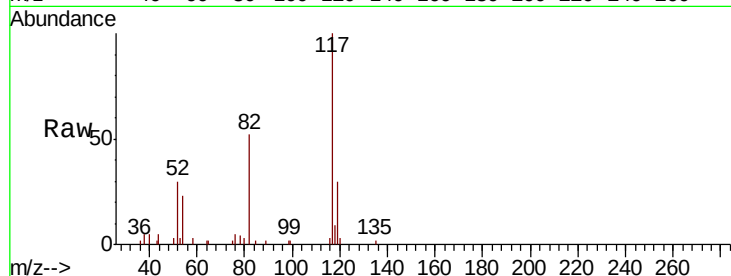




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

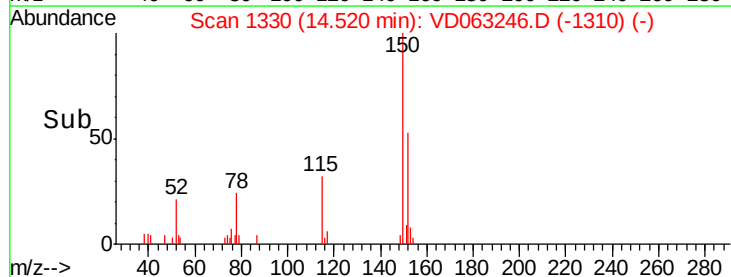
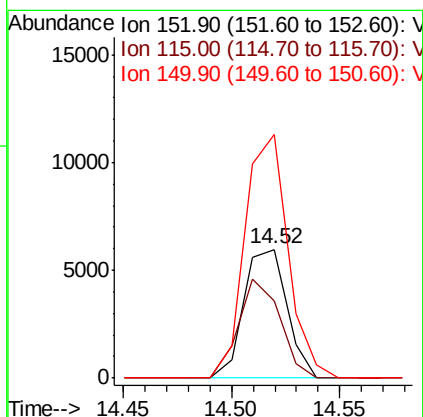
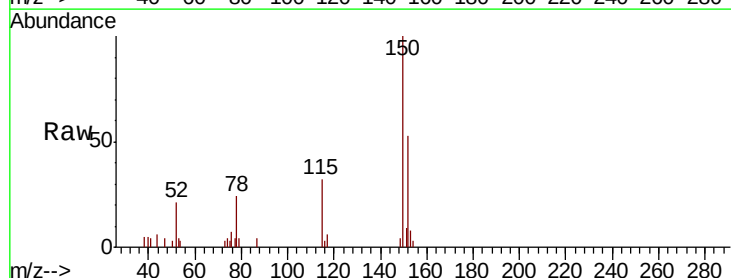
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

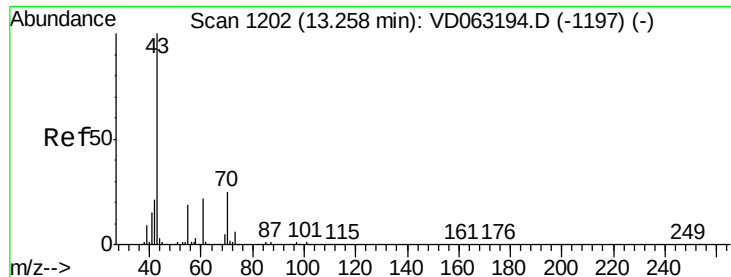
Tot Ion:117 Resp: 27003
Ion Ratio Lower Upper
117 100
82 52.2 40.1 60.1
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion:152 Resp: 8259
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.4
150 188.9 0.0 320.6

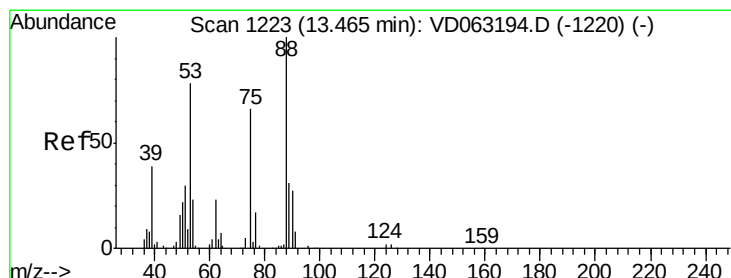
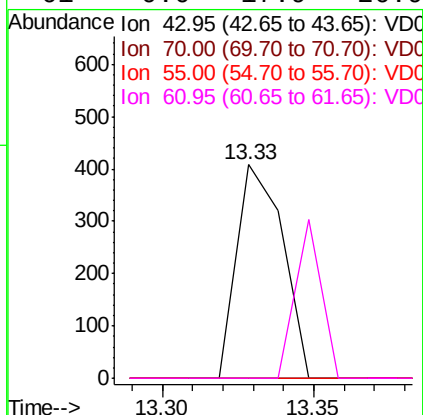
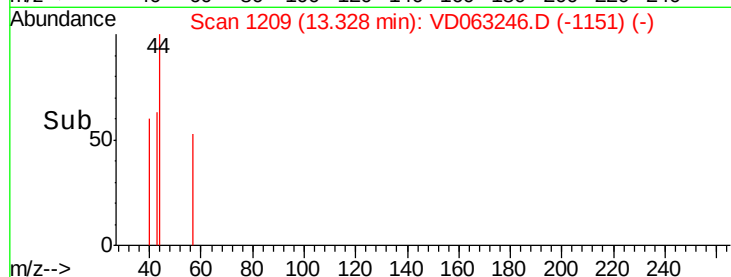
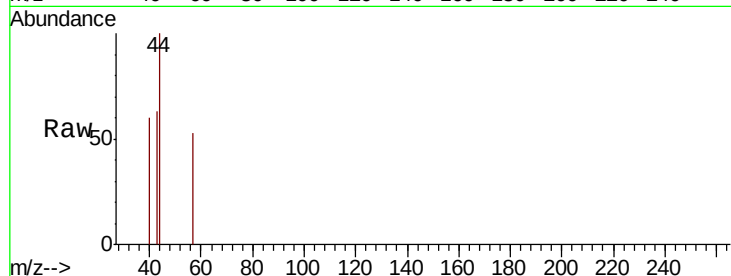




#74
N-amyl acetate
Concen: 3.145 ug/l
RT: 13.33 min Scan# 1209
Delta R.T. 0.07 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

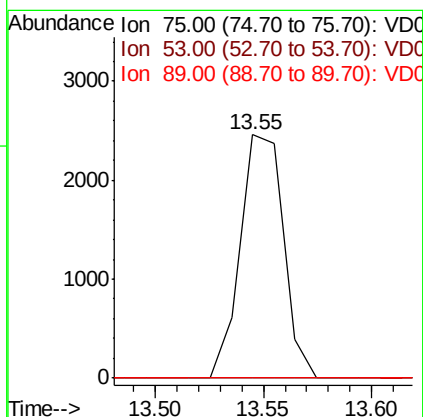
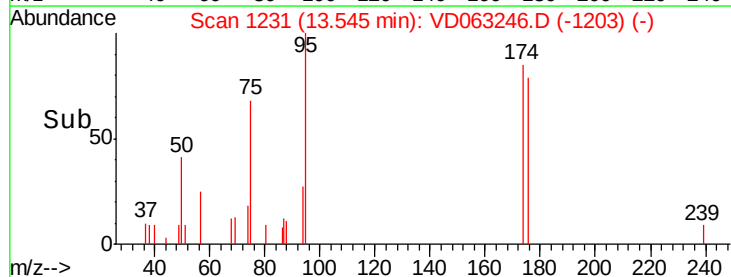
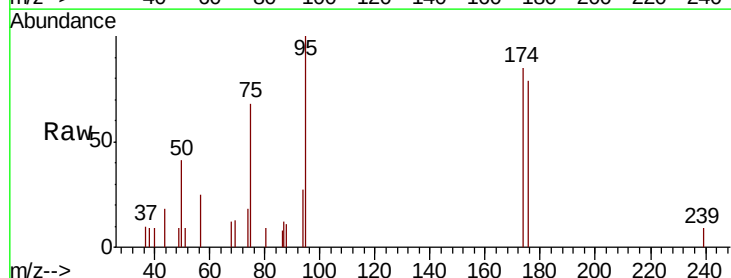
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB203-GW-258-260

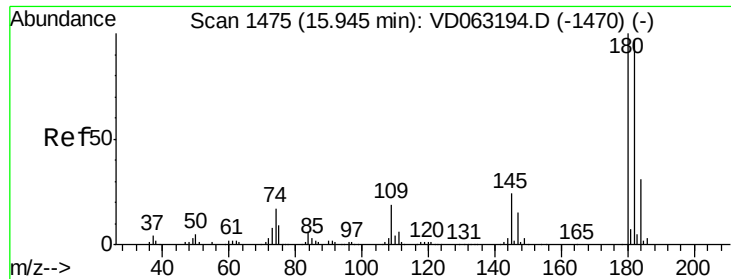
Tot Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
70 0.0 20.2 30.4#
55 0.0 14.9 22.3#
61 0.0 17.9 26.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.244 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD063246.D
Acq: 30 Jul 2019 17:16

Tgt Ion: 75 Resp: 3450
Ion Ratio Lower Upper
75 100
53 0.0 94.9 142.3#
89 0.0 37.4 56.0#





#93

1,2,4-Trichlorobenzene

Concen: 2.429 ug/l

RT: 15.95 min Scan# 1475

Delta R.T. 0.00 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB203-GW-258-260

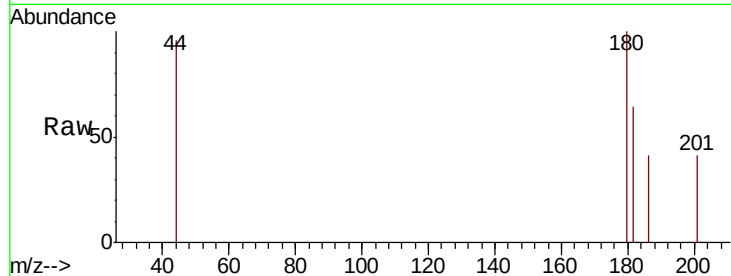
Tot Ion:180 Resp: 439

Ion Ratio Lower Upper

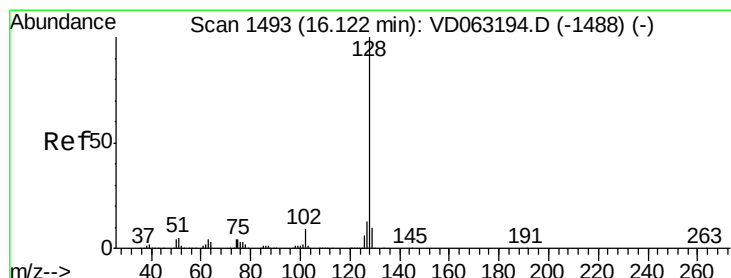
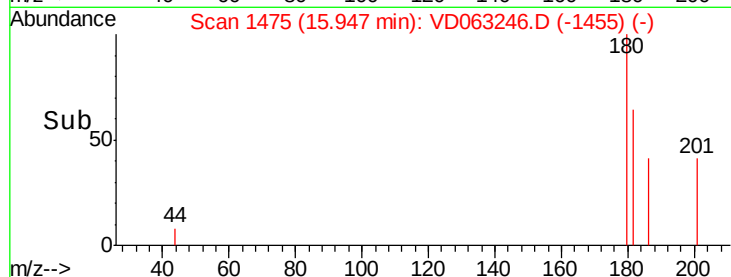
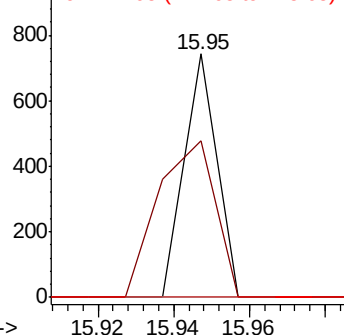
180 100

182 64.3 48.6 145.8

145 0.0 12.2 36.6#



Abundance Ion 179.85 (179.55 to 180.55): V
Ion 181.85 (181.55 to 182.55): V
Ion 144.95 (144.65 to 145.65): V



#95

Naphthalene

Concen: 3.237 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD063246.D

Acq: 30 Jul 2019 17:16

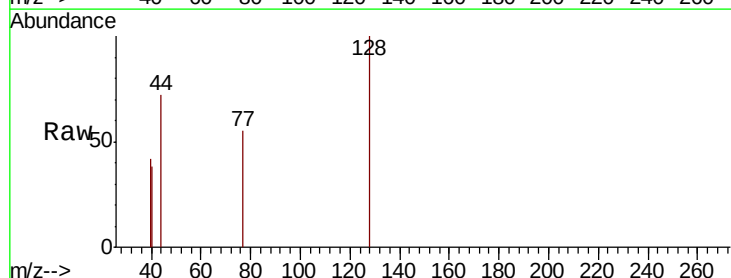
Tgt Ion:128 Resp: 827

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

