

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061806.D
 Acq On : 16 Apr 2019 12:52
 Operator : VA/AP
 Sample : K2347-01
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

Quant Time: Apr 16 13:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	38269	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.22	114	93008	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.38	117	36403	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	26797	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	87917	274.11	ug/l	-0.03
Spiked Amount			Recovery	=	548.22%	
35) Dibromofluoromethane	6.93	113	76623	109.04	ug/l	-0.04
Spiked Amount			Recovery	=	218.08%	
50) Toluene-d8	10.42	98	24699	14.83	ug/l	-0.03
Spiked Amount			Recovery	=	29.66%	
62) 4-Bromofluorobenzene	13.48	95	2647	3.92	ug/l	-0.10
Spiked Amount			Recovery	=	7.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.16	94	179	Below Cal	#	1
8) Diethyl Ether	2.89	74	223	1.776	ug/l #	1
10) Methyl Iodide	3.33	142	814	4.624	ug/l #	37
16) Acetone	3.23	43	64295	813.366	ug/l	97
18) Methyl Acetate	3.65	43	31422	198.325	ug/l #	88
20) Methylene Chloride	3.83	84	21016	53.839	ug/l	88
25) 2-Butanone	6.08	43	13806	153.410	ug/l	94
29) Tetrahydrofuran	6.09	42	180	4.106	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	2668	3.510	ug/l #	40
37) Ethyl Acetate	6.08	43	13806	42.443	ug/l #	64
38) Carbon Tetrachloride	7.06	117	3234	3.370	ug/l #	12
43) Isopropyl Acetate	9.26	43	756	1.652	ug/l #	43
51) 4-Methyl-2-Pentanone	10.31	43	1468	5.244	ug/l #	37
59) 2-Hexanone	11.53	43	3441	16.550	ug/l	98
67) Ethyl Benzene	12.67	91	1710	1.575	ug/l	89
68) m/p-Xylenes	12.67	106	539	1.322	ug/l #	56
70) Styrene	13.08	104	957	1.451	ug/l #	60
74) N-amyl acetate	13.33	43	23018	49.255	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	13.72	83	7818	22.758	ug/l #	76
80) 1,3,5-Trimethylbenzene	13.93	105	19788	14.350	ug/l	93
81) trans-1,4-Dichloro-2-buten	13.56	75	8975	76.778	ug/l #	21
83) tert-Butylbenzene	14.19	119	2327	1.437	ug/l	76
85) sec-Butylbenzene	14.38	105	4567	2.729	ug/l	100
86) p-Isopropyltoluene	14.49	119	11437	7.303	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	1318	1.529	ug/l #	1
88) 1,4-Dichlorobenzene	14.54	146	1407	1.652	ug/l #	1
89) n-Butylbenzene	14.86	91	13301	9.595	ug/l #	1
90) Hexachloroethane	15.01	117	2706	6.339	ug/l #	20
91) 1,2-Dichlorobenzene	14.81	146	738	1.022	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	15.38	75	751	18.263	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.95	180	1196	3.016	ug/l #	1
95) Naphthalene	16.13	128	4530	7.454	ug/l #	43
96) 1,2,3-Trichlorobenzene	16.26	180	3915	17.327	ug/l #	1

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ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration

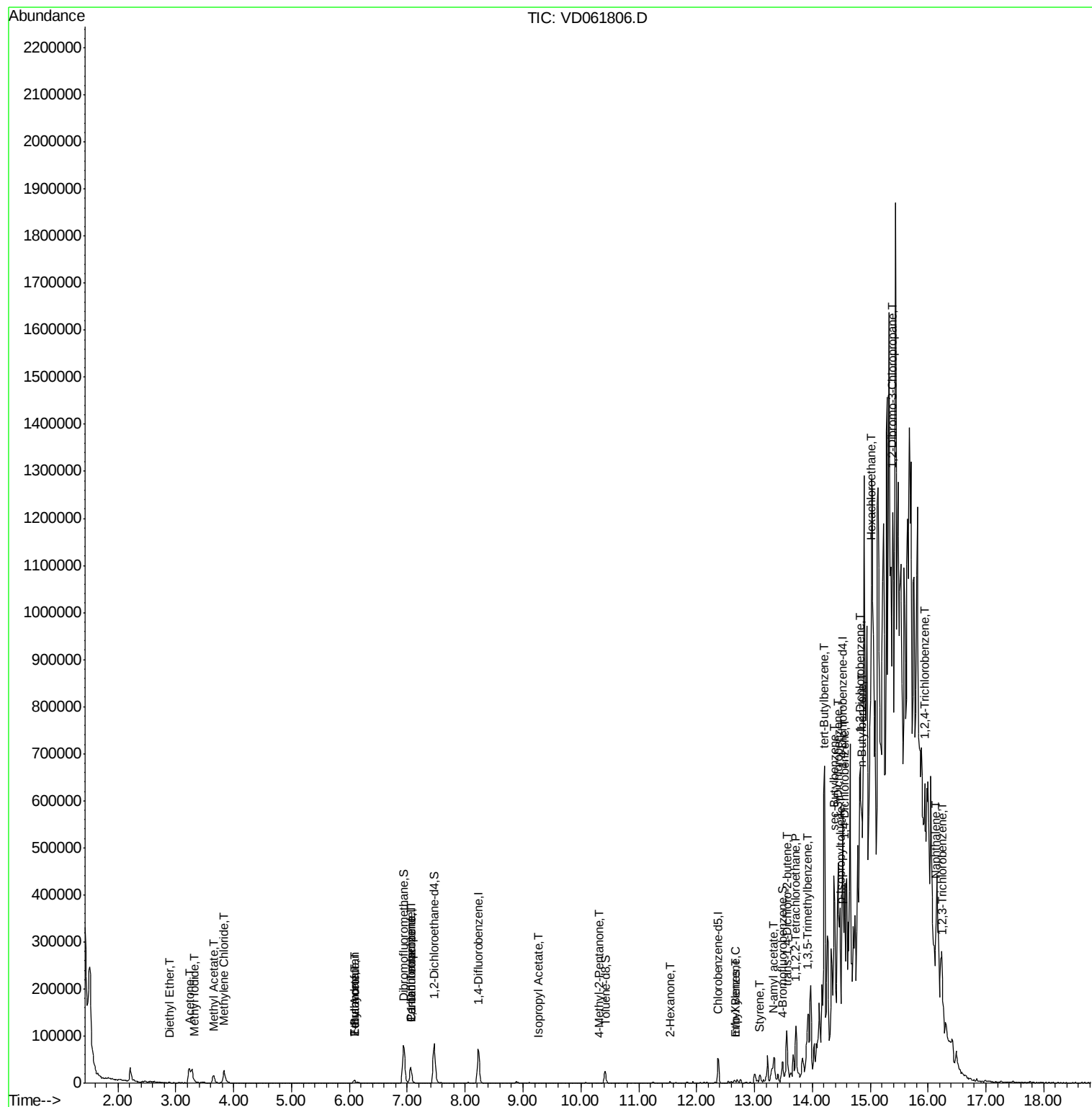
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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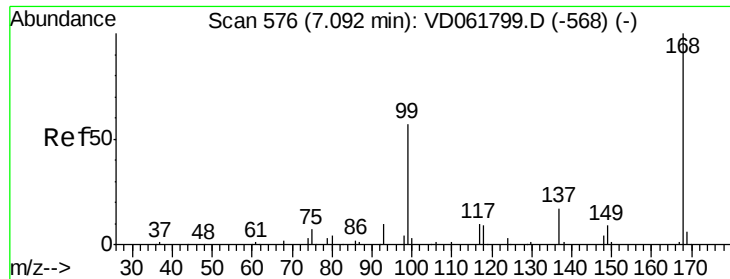
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041619\
Data File : VD061806.D
Acq On : 16 Apr 2019 12:52
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

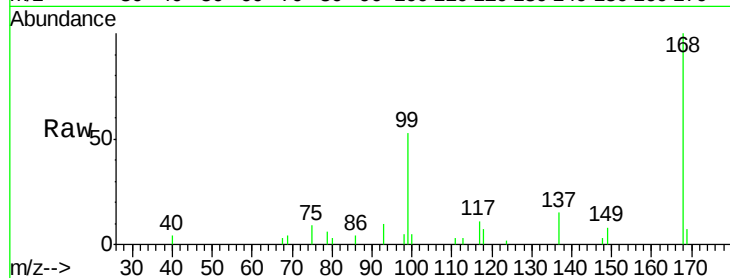
BCOG01

Tot Ion:168 Resp: 38269

Ion Ratio Lower Upper

168 100

99 52.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

15000

10000

5000

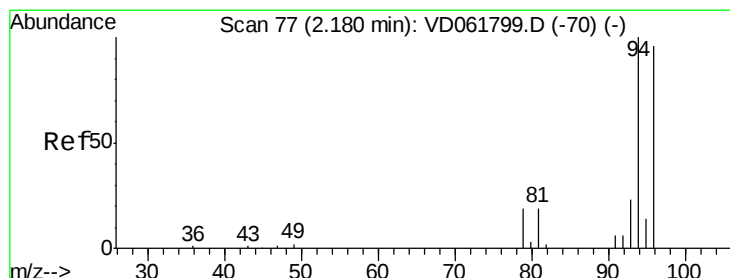
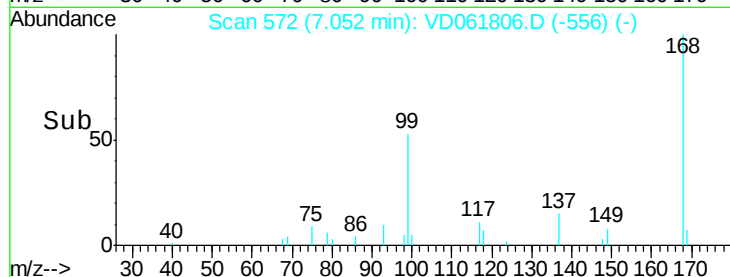
0

Time-->

7.00

7.10

7.20



#5

Bromomethane

Concen: Below Cal

RT: 2.16 min Scan# 75

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

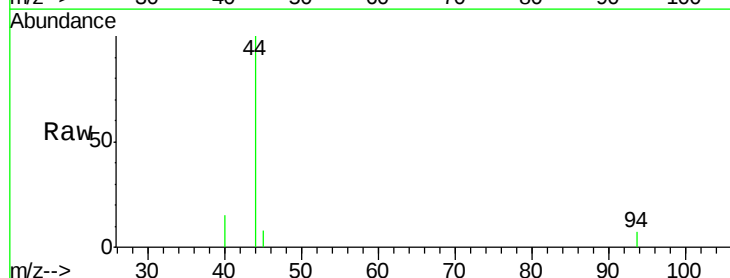
Tgt Ion: 94 Resp: 179

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

93 100.0 18.5 27.7#



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

500

400

300

200

100

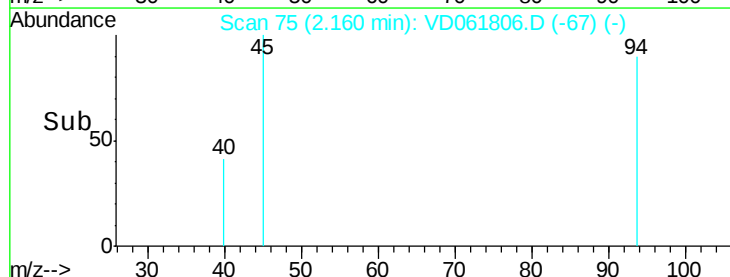
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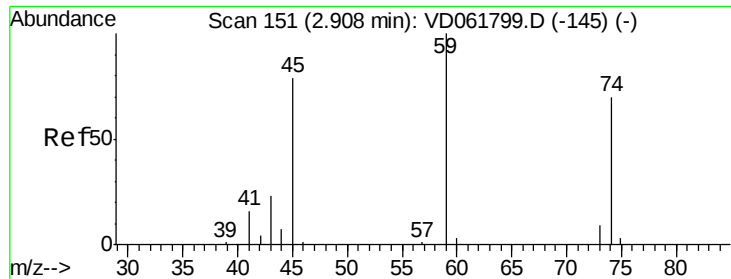
Time-->

2.15

2.16

2.17





#8

Diethyl Ether

Concen: 1.776 ug/l

RT: 2.89 min Scan# 149

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

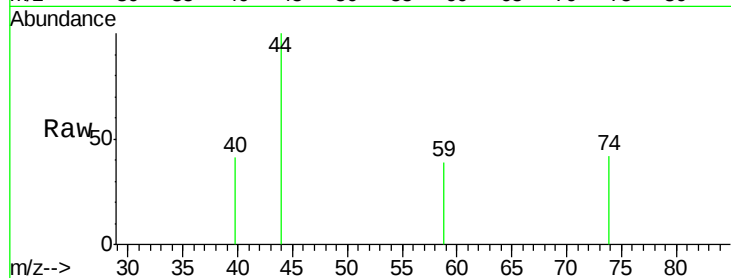
BCOG01

Tot Ion: 74 Resp: 223

Ion Ratio Lower Upper

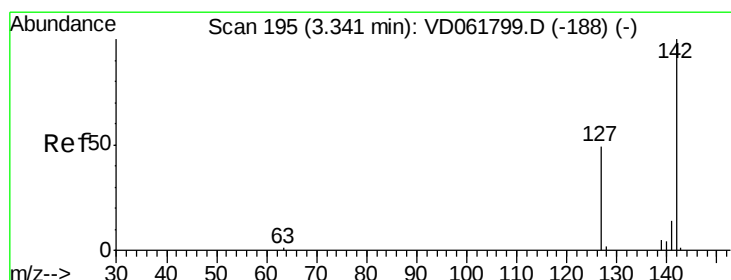
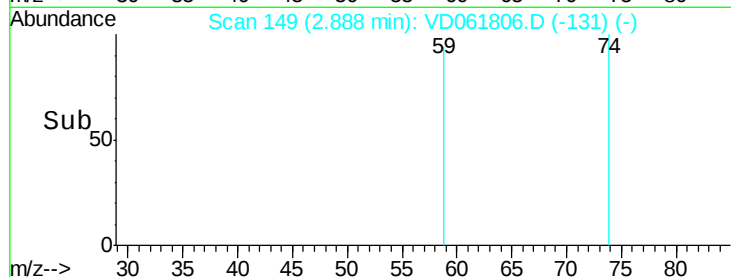
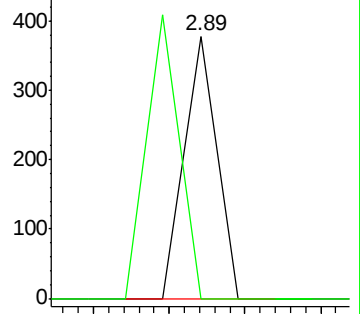
74 100

45 0.0 56.9 170.7#



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC



#10

Methyl Iodide

Concen: 4.624 ug/l

RT: 3.33 min Scan# 194

Delta R.T. -0.01 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

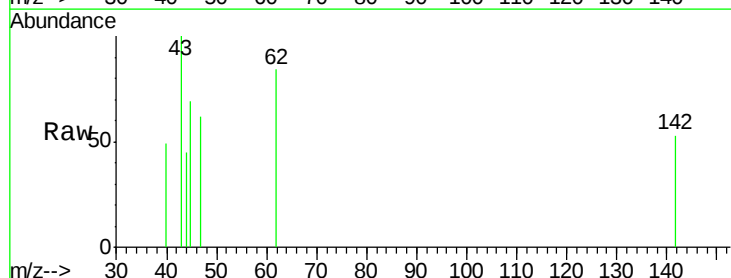
Tgt Ion: 142 Resp: 814

Ion Ratio Lower Upper

142 100

127 0.0 38.8 58.2#

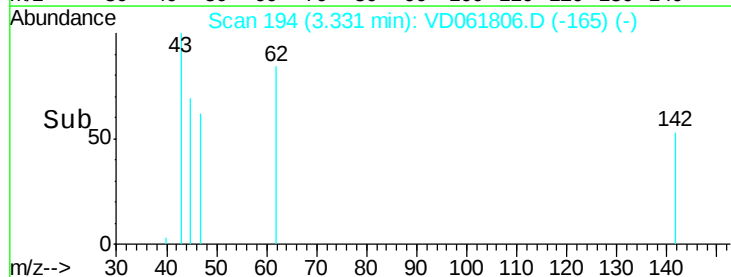
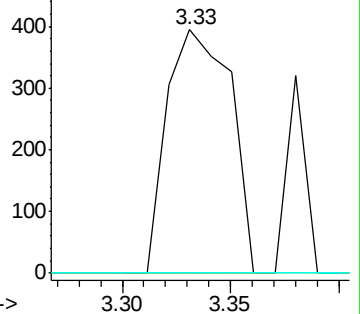
141 0.0 11.4 17.0#

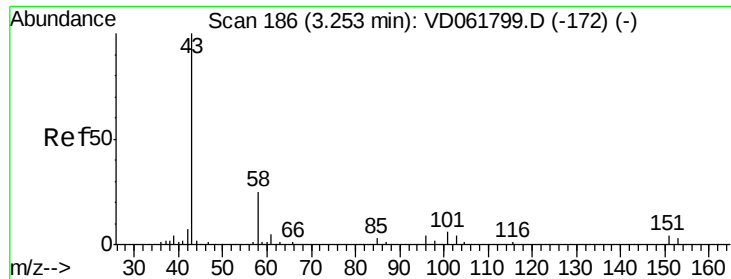


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 813.366 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

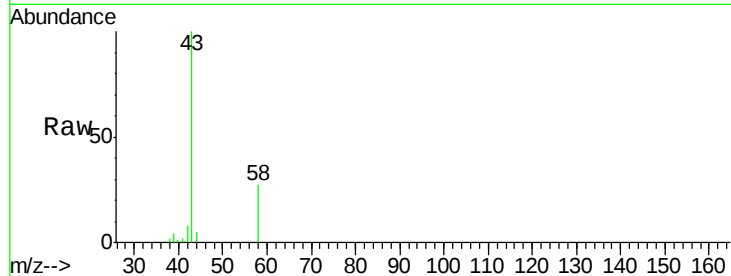
BCOG01

Tot Ion: 43 Resp: 64295

Ion Ratio Lower Upper

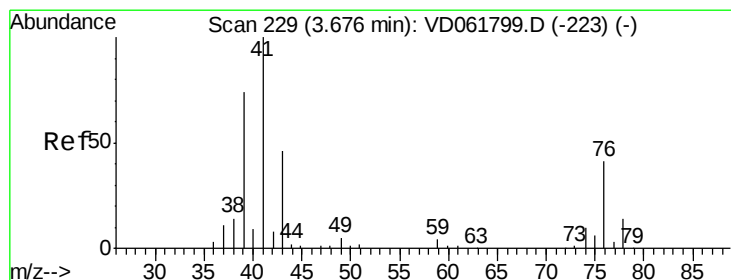
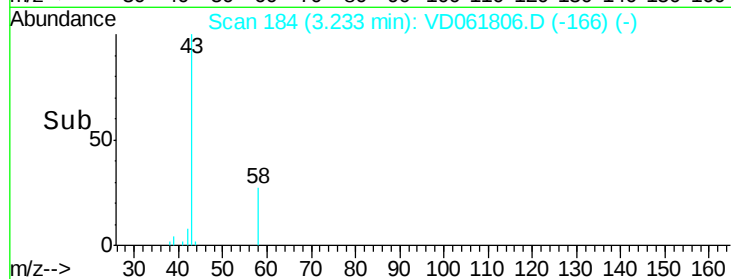
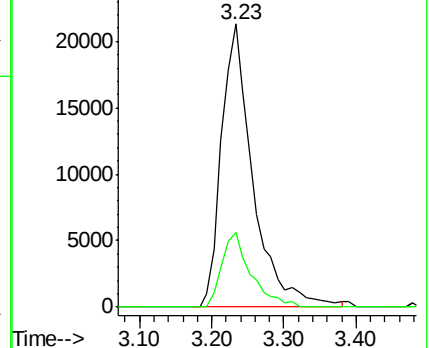
43 100

58 26.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 198.325 ug/l

RT: 3.65 min Scan# 226

Delta R.T. -0.03 min

Lab File: VD061806.D

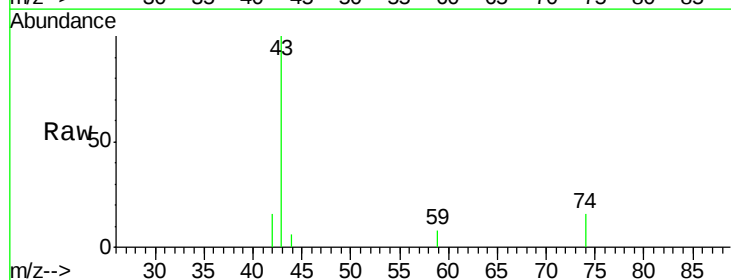
Acq: 16 Apr 2019 12:52

Tgt Ion: 43 Resp: 31422

Ion Ratio Lower Upper

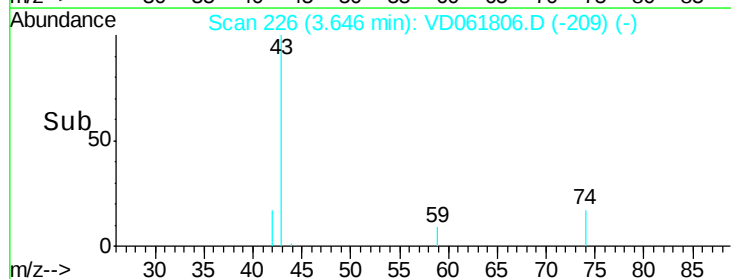
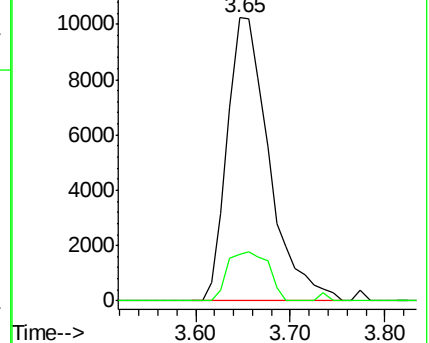
43 100

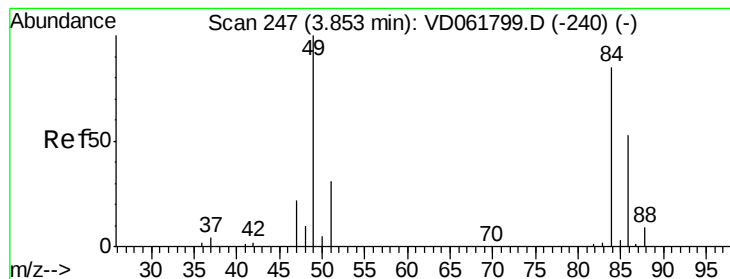
74 16.5 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#20

Methvlene Chloride

Concen: 53.839 ug/l

RT: 3.83 min Scan# 245

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

Tot Ion: 84 Resp: 21016

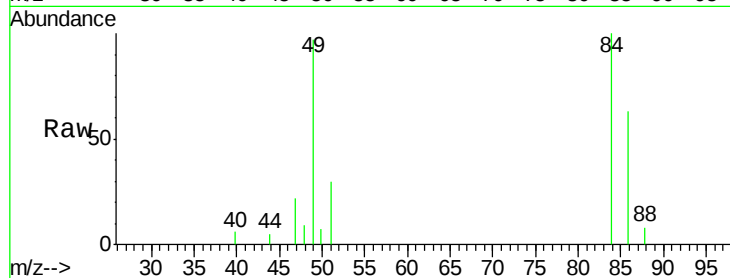
Ion Ratio Lower Upper

84 100

49 97.3 94.0 141.0

51 30.0 29.0 43.4

86 62.7 49.8 74.6

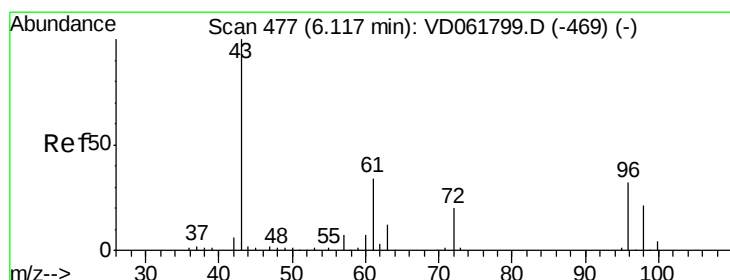
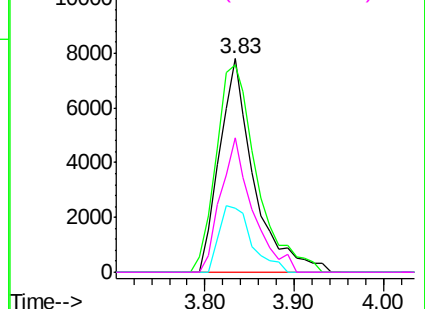
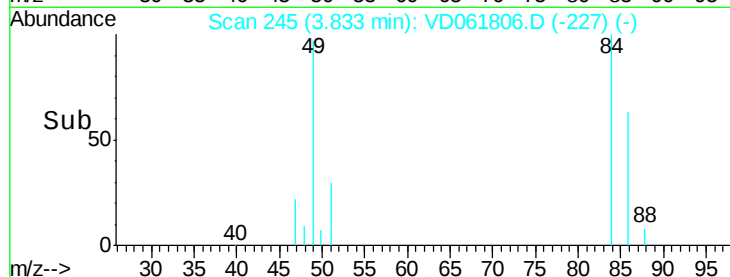


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25

2-Butanone

Concen: 153.410 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.04 min

Lab File: VD061806.D

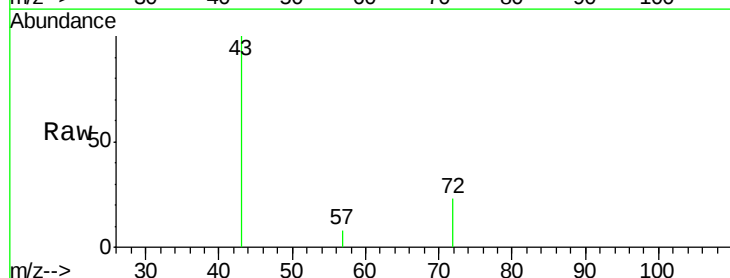
Acq: 16 Apr 2019 12:52

Tgt Ion: 43 Resp: 13806

Ion Ratio Lower Upper

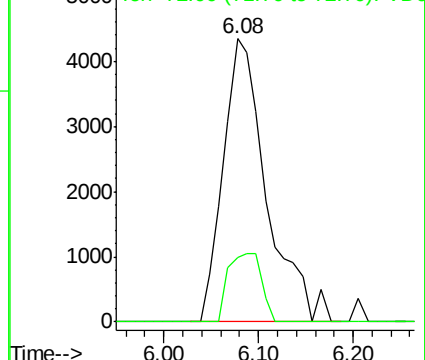
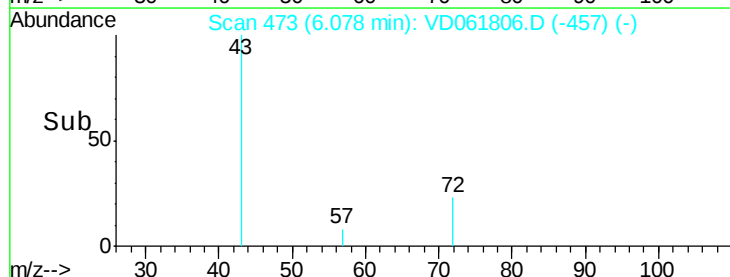
43 100

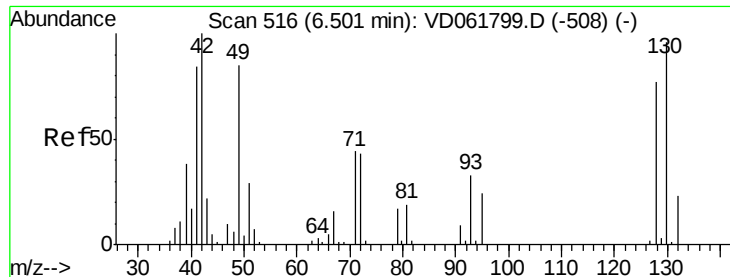
72 22.9 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

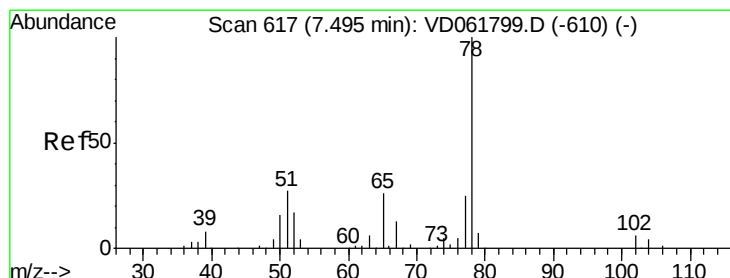
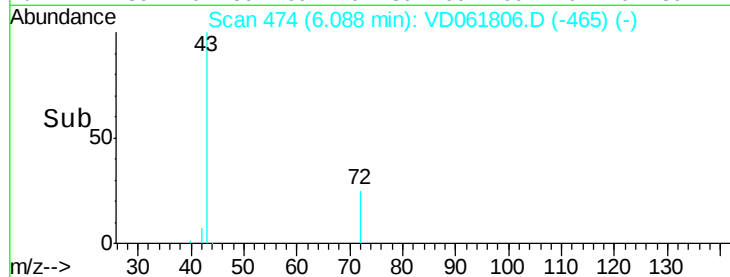
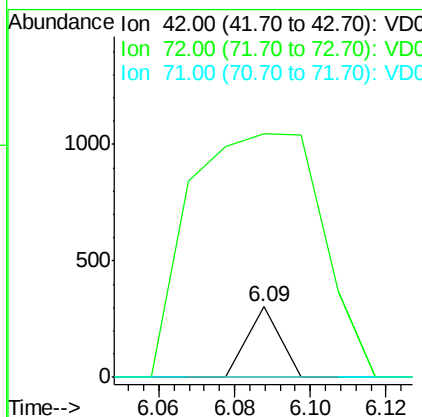
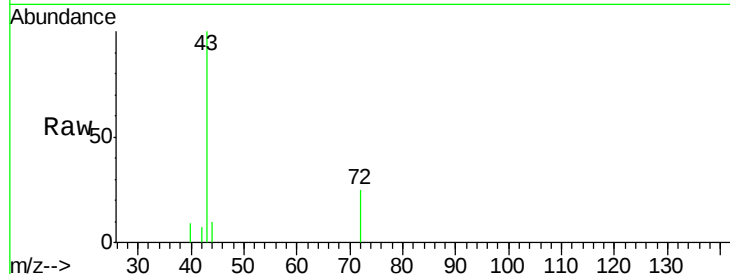




#29
Tetrahydrofuran
Concen: 4.106 ug/l
RT: 6.09 min Scan# 474
Delta R.T. -0.41 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

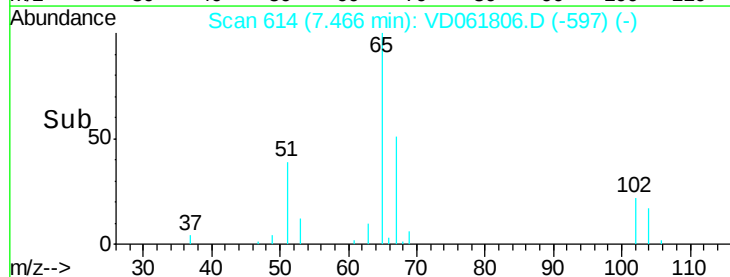
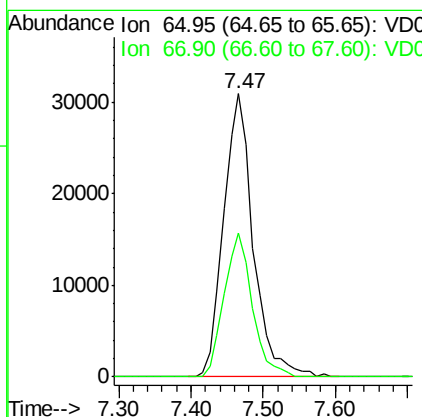
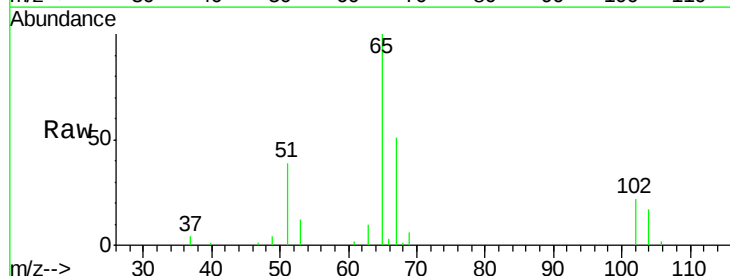
Instrument :
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ClientSampleID :
BCOG01

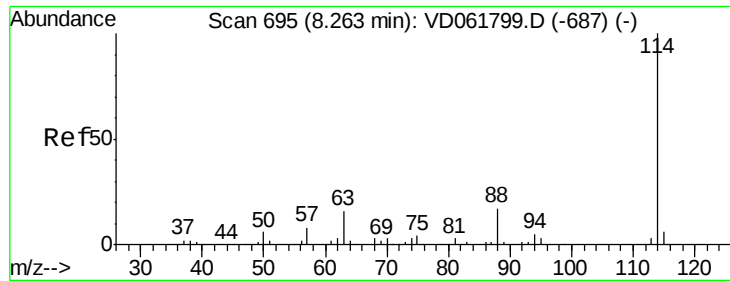
Tot Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
72 1407.2 37.8 56.6#
71 0.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. -0.03 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Tgt Ion: 65 Resp: 87917
Ion Ratio Lower Upper
65 100
67 50.9 0.0 98.0

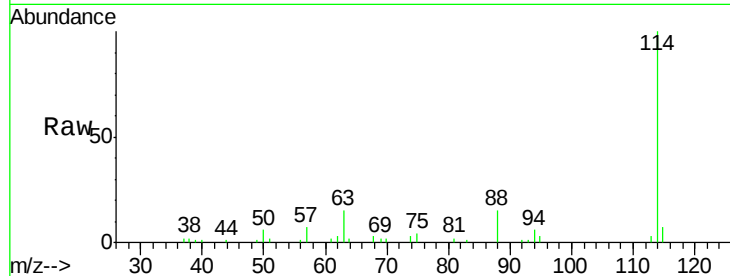




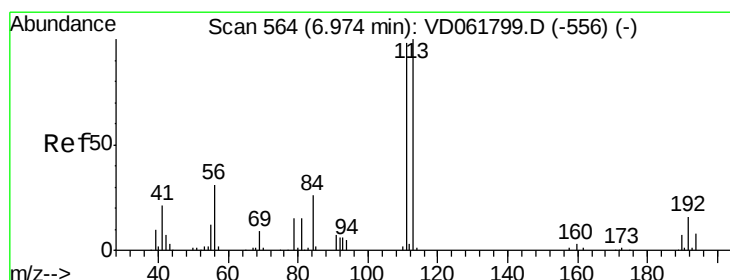
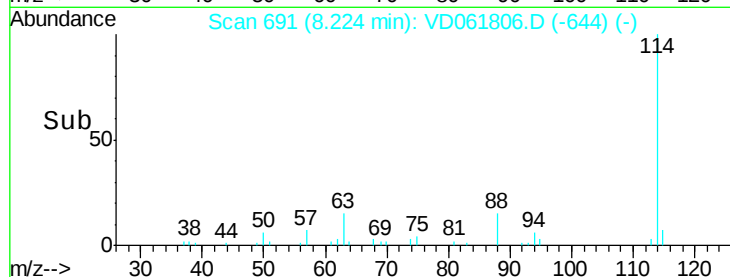
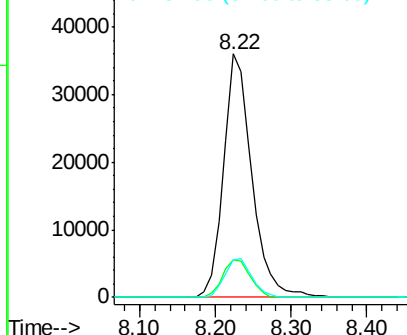
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

Tot Ion:114 Resp: 93008
 Ion Ratio Lower Upper
 114 100
 63 15.3 0.0 32.4
 88 15.3 0.0 33.6

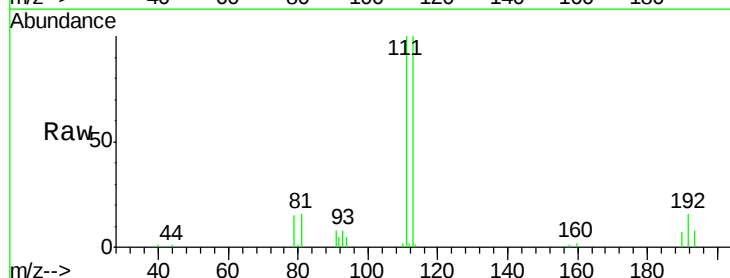


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

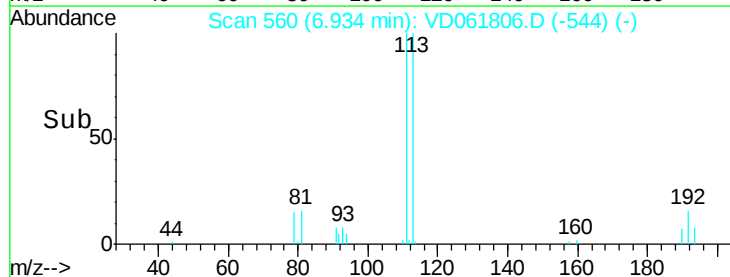
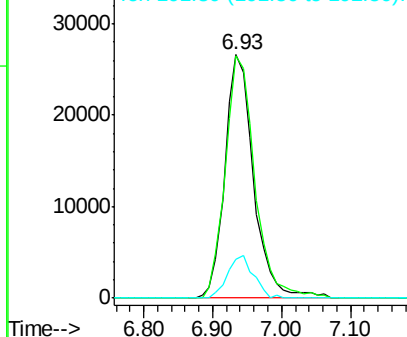


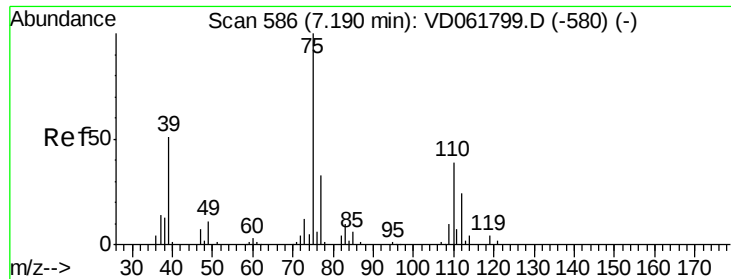
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.04 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Tgt Ion:113 Resp: 76623
 Ion Ratio Lower Upper
 113 100
 111 99.5 78.5 117.7
 192 15.8 13.0 19.4



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

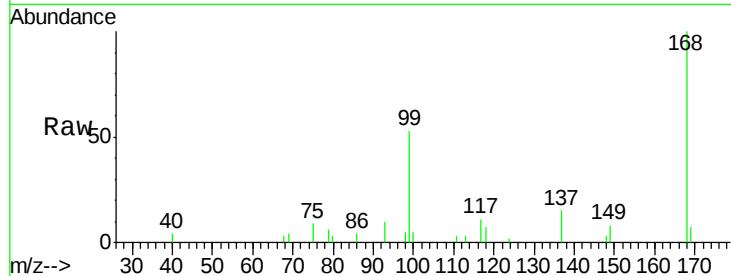




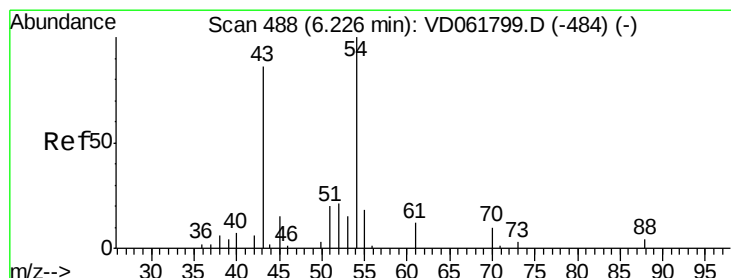
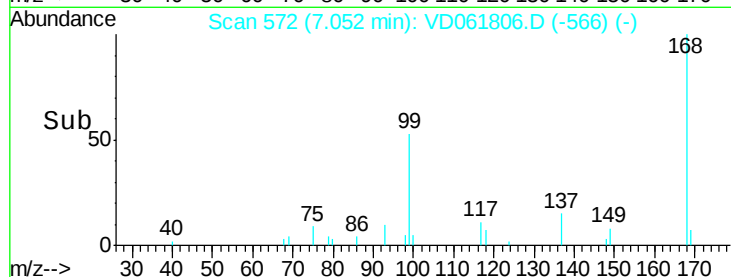
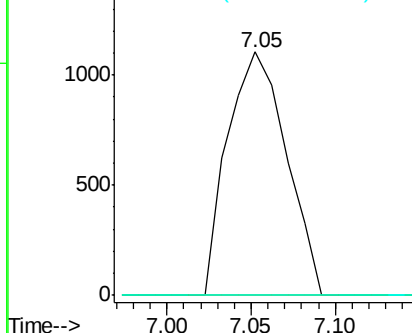
#36
 1,1-Dichloropropene
 Concen: 3.510 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.14 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Instrument :
 MSVOA_D
 ClientSampled :
 BCOG01

Tot Ion: 75 Resp: 2668
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.6 38.4#

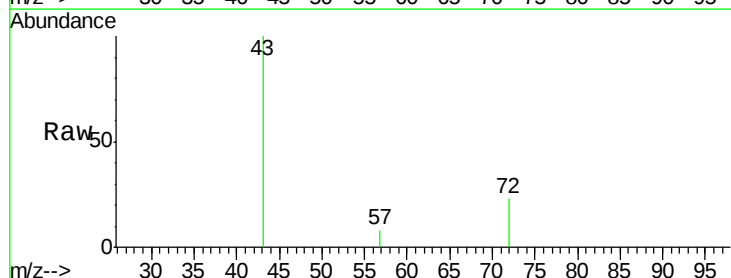


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): VDC
 Ion 76.95 (76.65 to 77.65): VDC

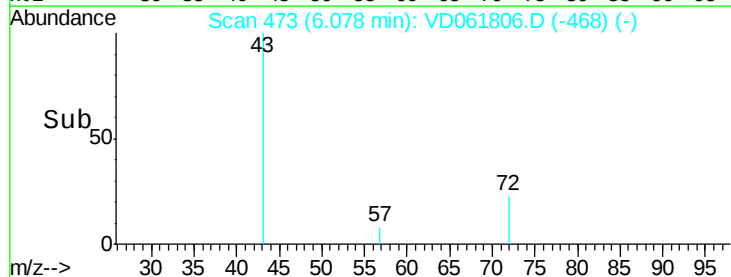
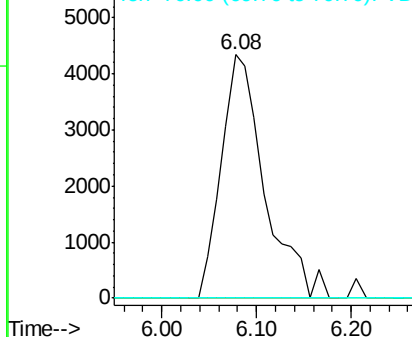


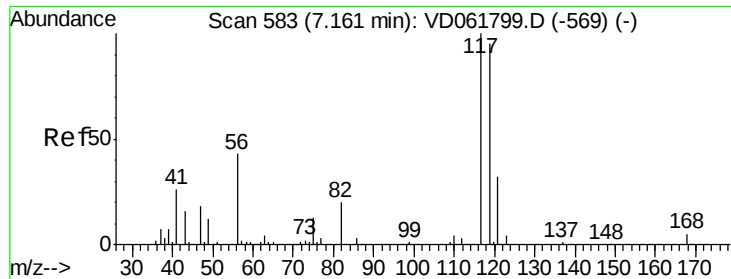
#37
 Ethyl Acetate
 Concen: 42.443 ug/l
 RT: 6.08 min Scan# 473
 Delta R.T. -0.15 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Tgt Ion: 43 Resp: 13806
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.7 22.1#
 70 0.0 7.8 11.6#



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





#38

Carbon Tetrachloride

Concen: 3.370 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.10 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

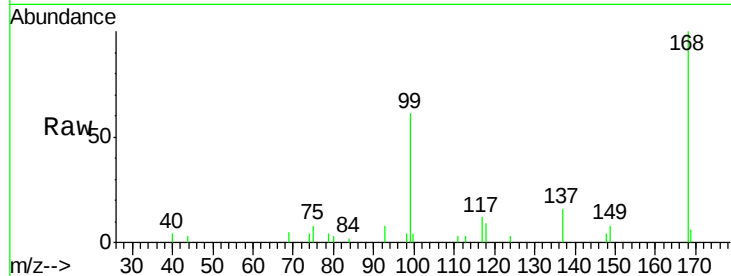
Tot Ion:117 Resp: 3234

Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.8#

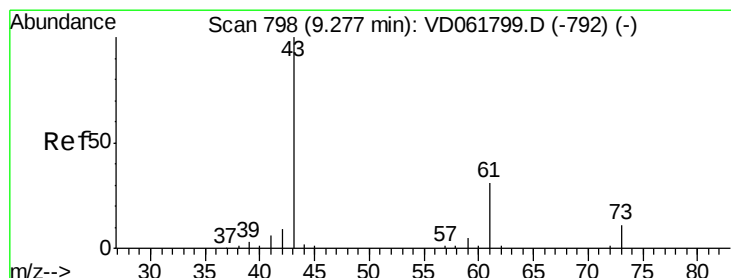
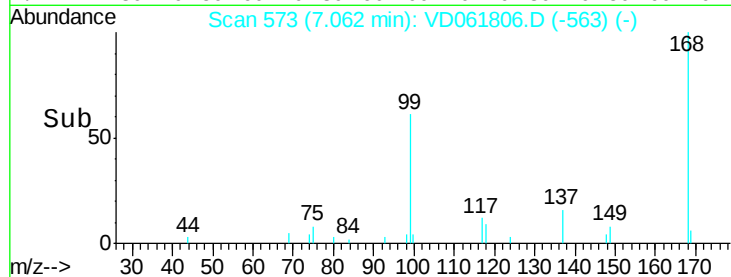
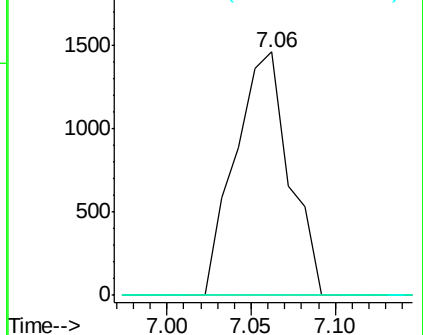
121 0.0 25.9 38.9#



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



#43

Isopropyl Acetate

Concen: 1.652 ug/l

RT: 9.26 min Scan# 796

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

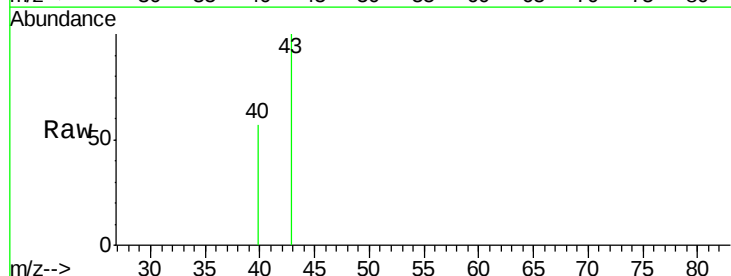
Tgt Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

61 0.0 25.1 37.7#

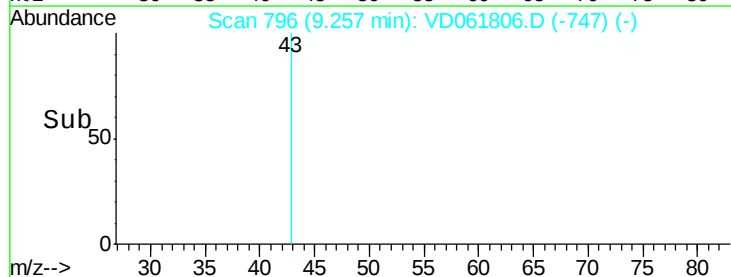
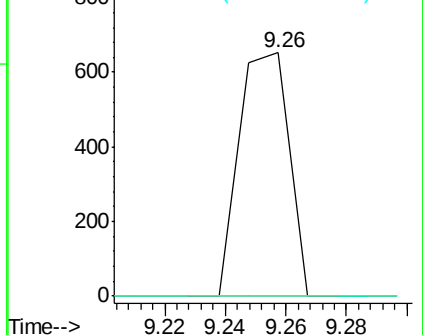
87 0.0 0.0 0.0

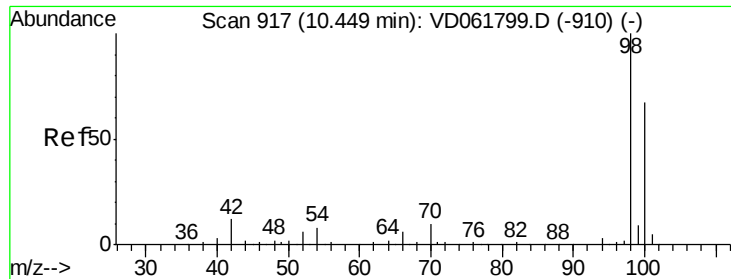


Abundance Ion 42.95 (42.65 to 43.65): V

Ion 60.95 (60.65 to 61.65): V

Ion 87.00 (86.70 to 87.70): V

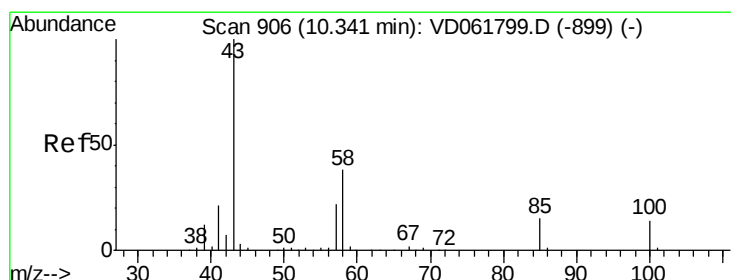
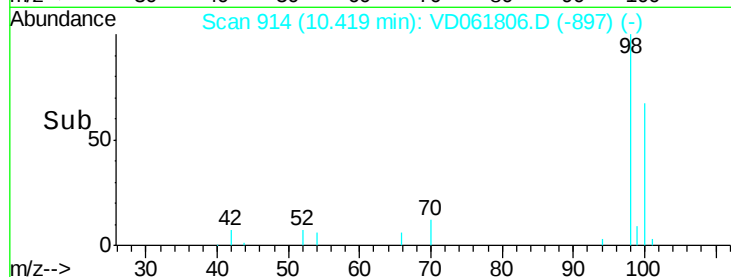
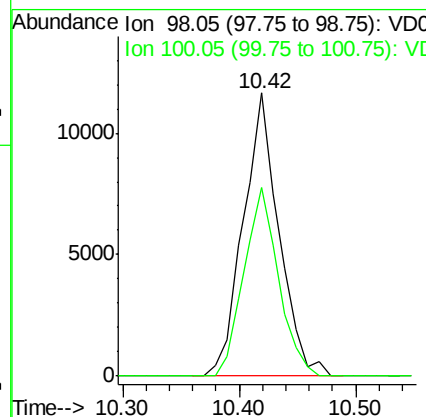
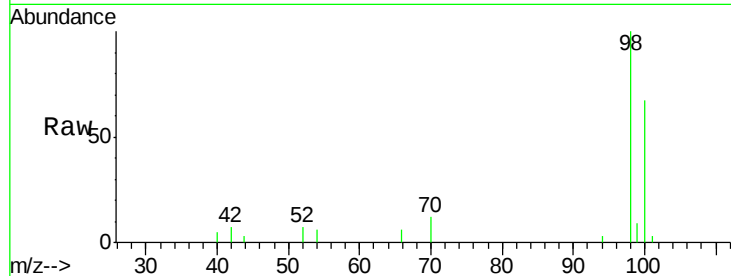




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.03 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

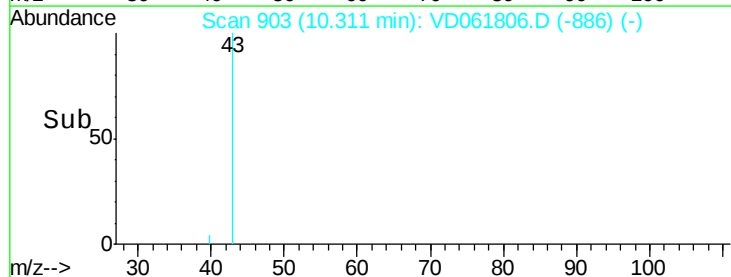
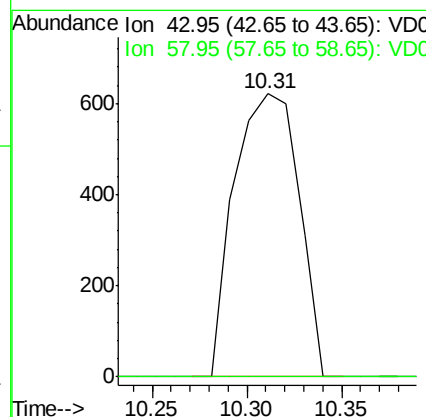
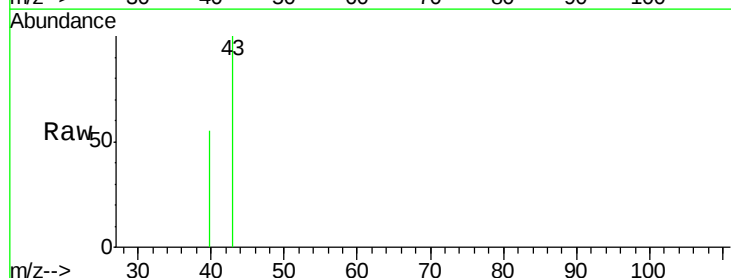
Instrument :
MSVOA_D
ClientSampleId :
BCOG01

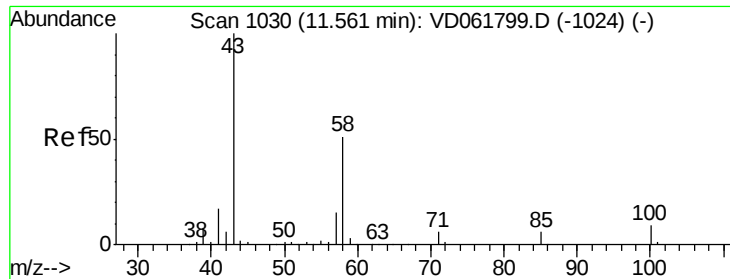
Tot Ion: 98 Resp: 24699
Ion Ratio Lower Upper
98 100
100 66.8 53.8 80.8



#51
4-Methyl-2-Pentanone
Concen: 5.244 ug/l
RT: 10.31 min Scan# 903
Delta R.T. -0.03 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#59

2-Hexanone

Concen: 16.550 ug/l

RT: 11.53 min Scan# 1027

Delta R.T. -0.03 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

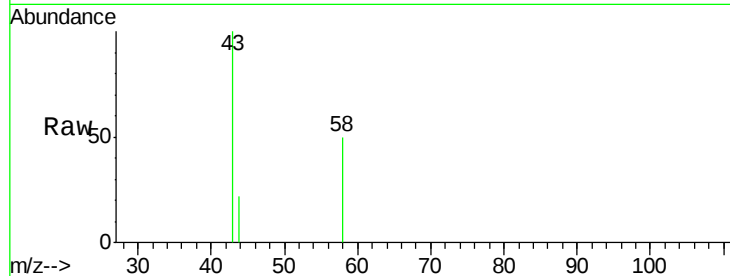
BCOG01

Tot Ion: 43 Resp: 3441

Ion Ratio Lower Upper

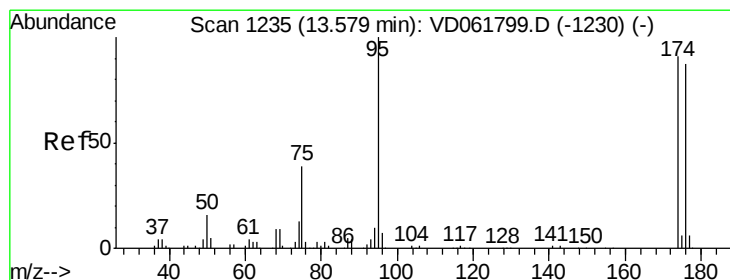
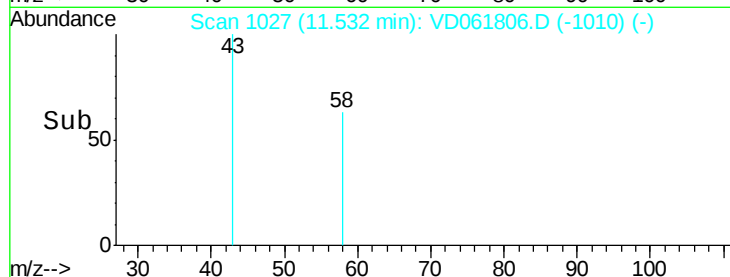
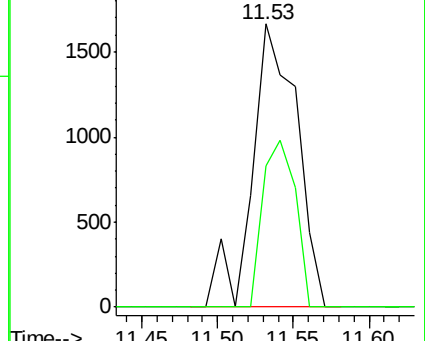
43 100

58 49.8 25.4 76.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.48 min Scan# 1225

Delta R.T. -0.10 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

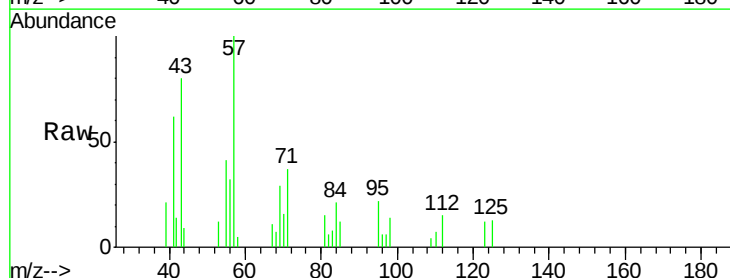
Tgt Ion: 95 Resp: 2647

Ion Ratio Lower Upper

95 100

174 0.0 0.0 181.8

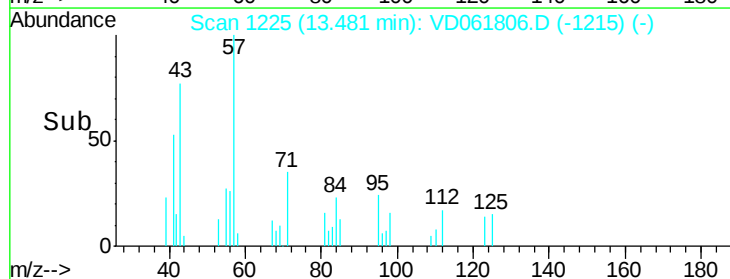
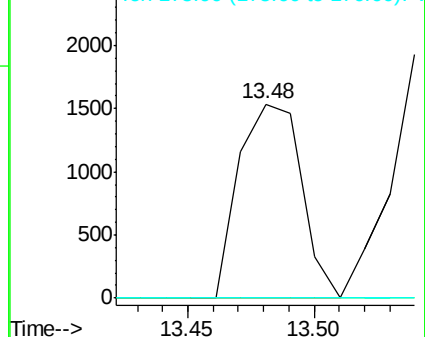
176 0.0 0.0 174.4

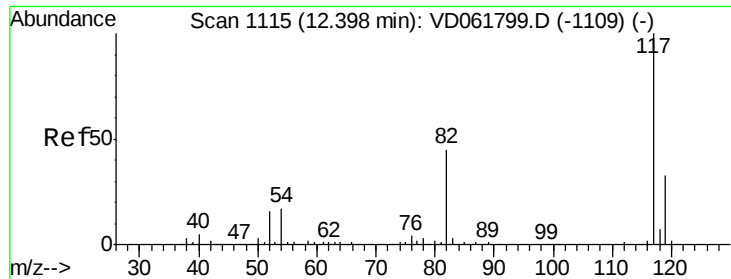


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

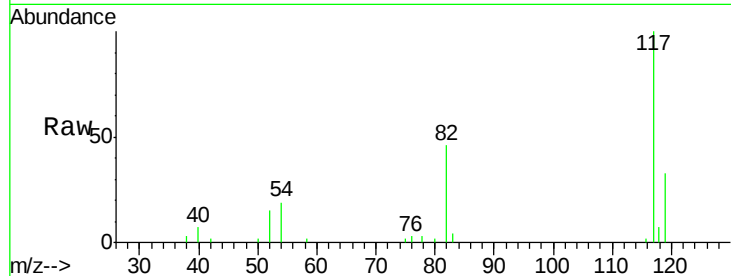




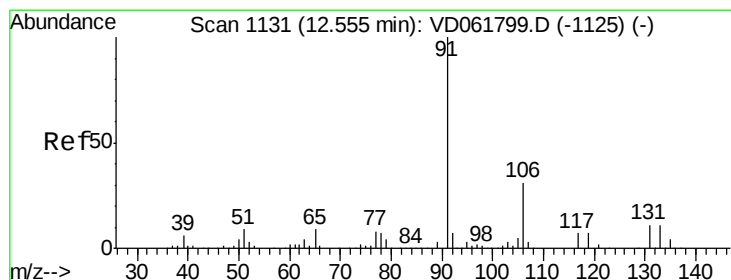
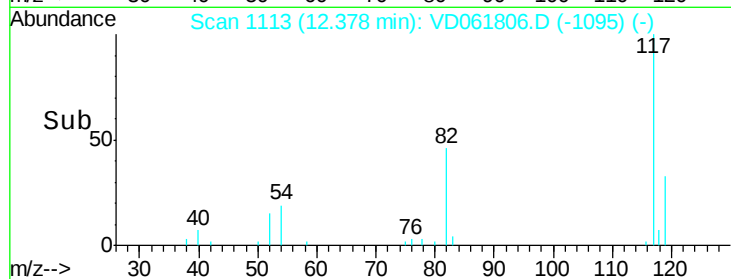
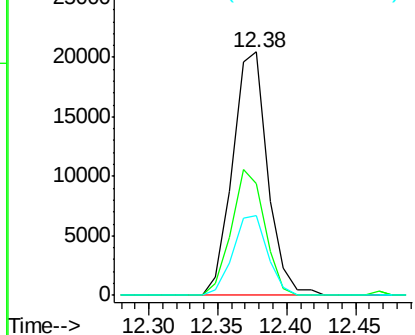
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.02 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Instrument :
MSVOA_D
ClientSampleId :
BCOG01

Tot Ion:117 Resp: 36403
Ion Ratio Lower Upper
117 100
82 45.9 36.2 54.2
119 33.0 26.2 39.4

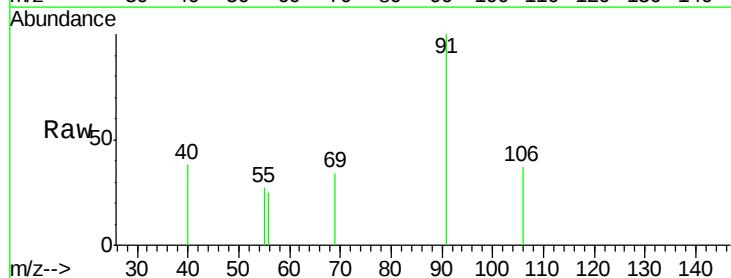


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

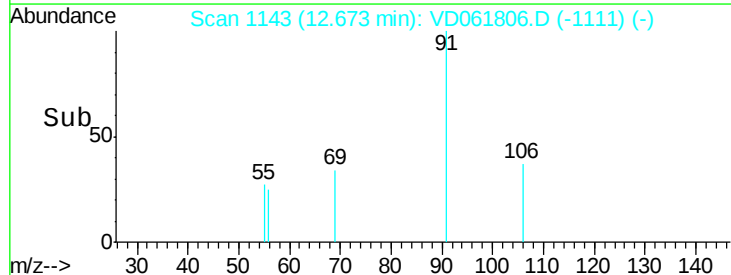
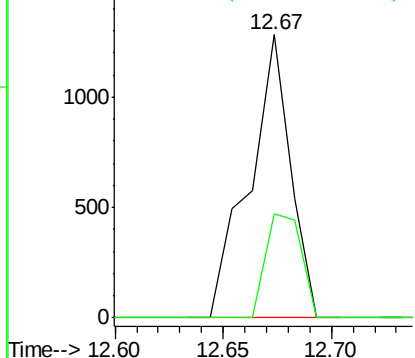


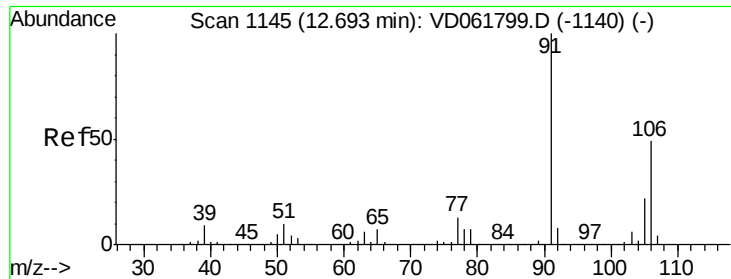
#67
Ethyl Benzene
Concen: 1.575 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. 0.12 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Tgt Ion: 91 Resp: 1710
Ion Ratio Lower Upper
91 100
106 36.7 24.7 37.1



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

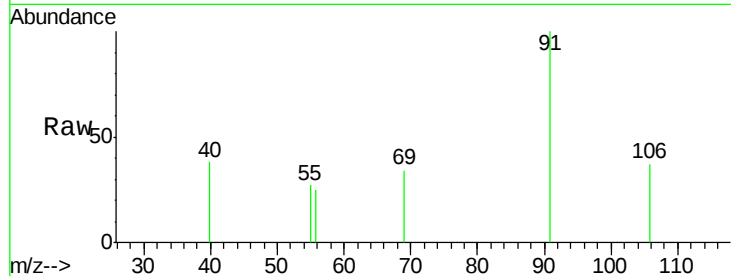




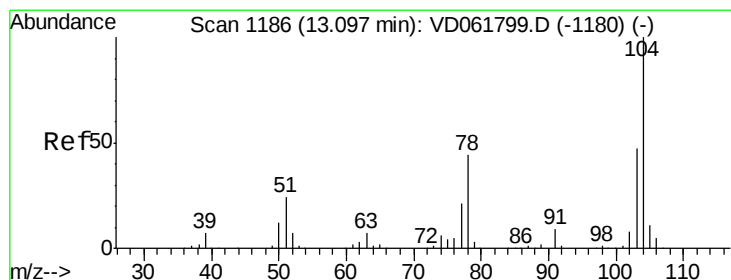
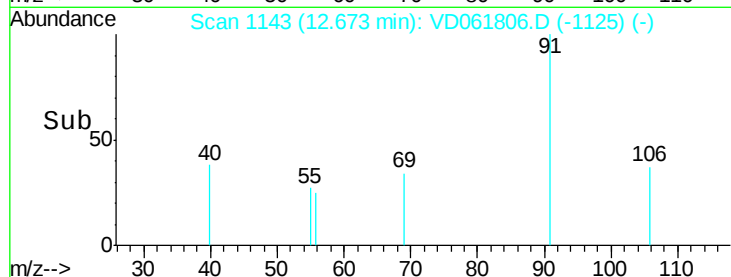
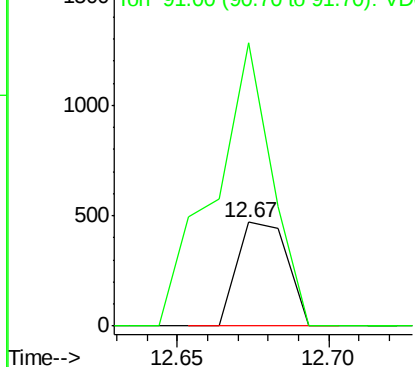
#68
m/p-Xylenes
Concen: 1.322 ug/l
RT: 12.67 min Scan# 1143
Delta R.T. -0.02 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Instrument :
MSVOA_D
ClientSampled :
BCOG01

Tot Ion:106 Resp: 539
Ion Ratio Lower Upper
106 100
91 272.2 164.0 246.0#

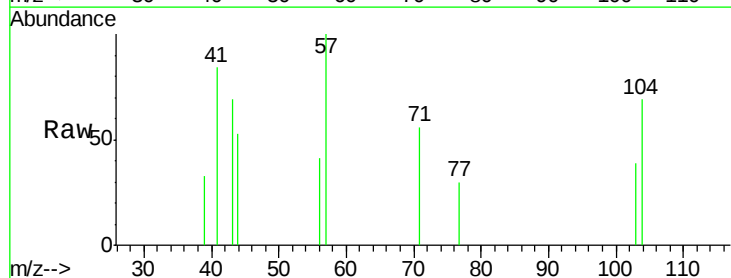


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

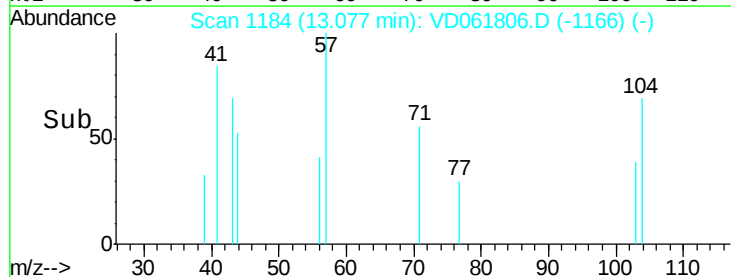
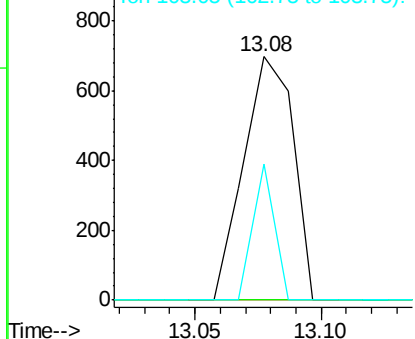


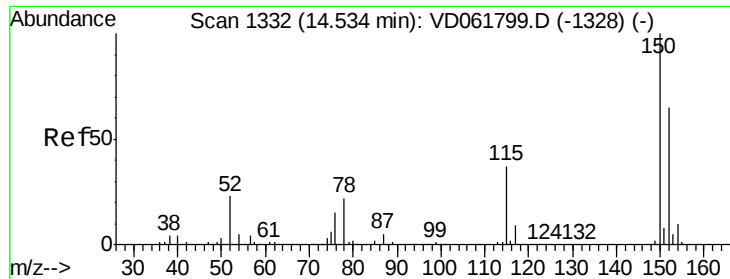
#70
Styrene
Concen: 1.451 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. -0.02 min
Lab File: VD061806.D
Acq: 16 Apr 2019 12:52

Tgt Ion:104 Resp: 957
Ion Ratio Lower Upper
104 100
78 0.0 35.4 53.2#
103 55.7 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): VDC
Ion 103.05 (102.75 to 103.75): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

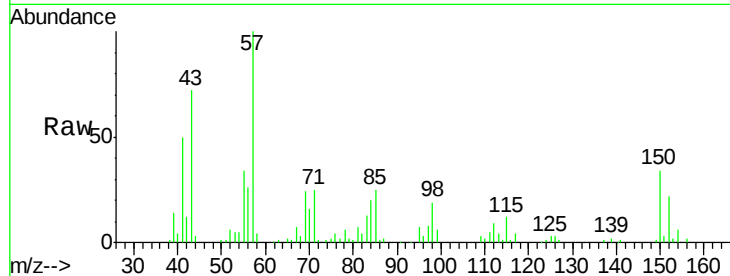
Tot Ion:152 Resp: 26797

Ion Ratio Lower Upper

152 100

115 52.7 30.9 92.7

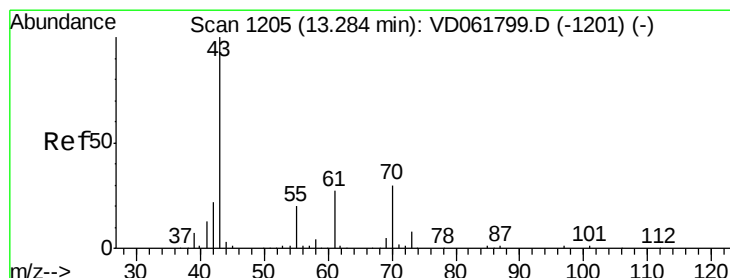
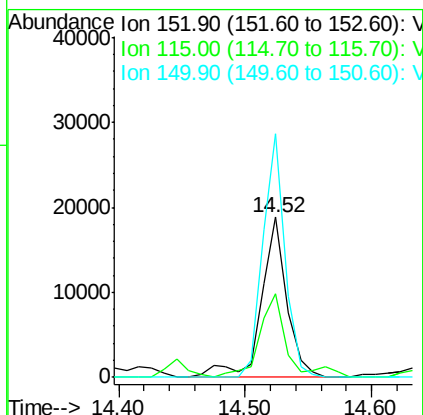
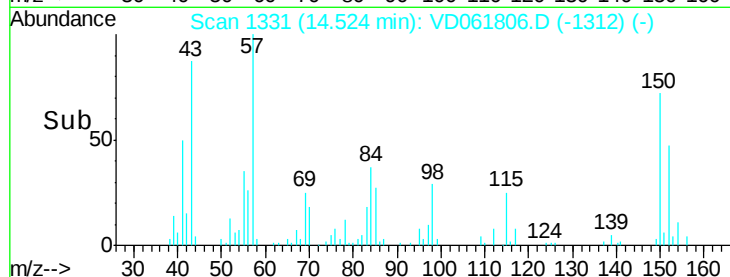
150 152.3 0.0 314.8



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: 49.255 ug/l

RT: 13.33 min Scan# 1210

Delta R.T. 0.05 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Tgt Ion: 43 Resp: 23018

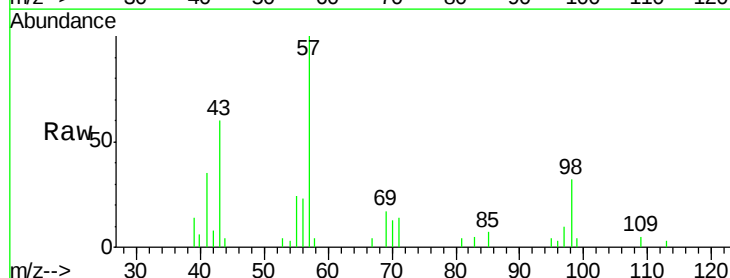
Ion Ratio Lower Upper

43 100

70 22.0 24.2 36.4#

55 40.3 16.0 24.0#

61 0.0 21.6 32.4#

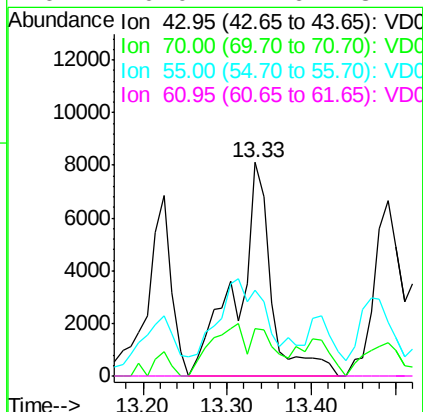
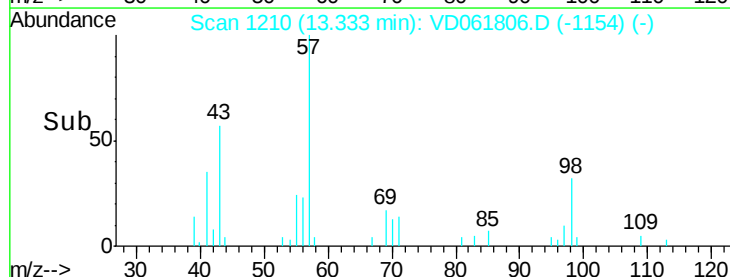


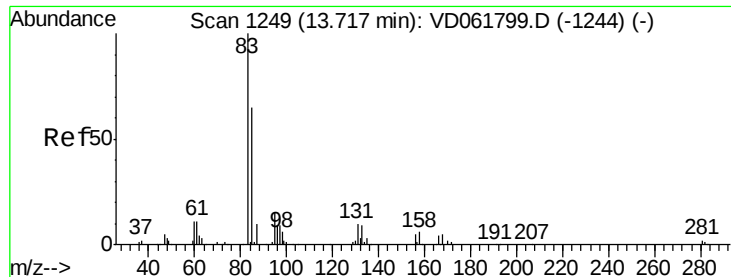
Abundance Ion 42.95 (42.65 to 43.65): VDC

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: 22.758 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.00 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

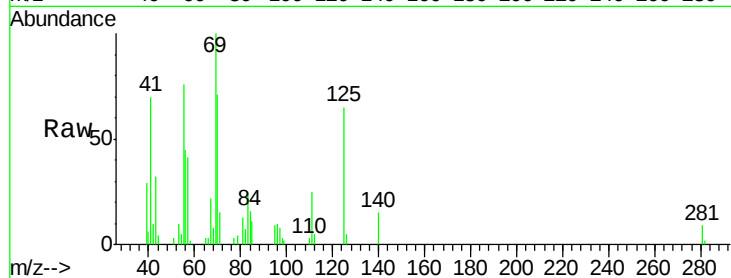
Tot Ion: 83 Resp: 7818

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

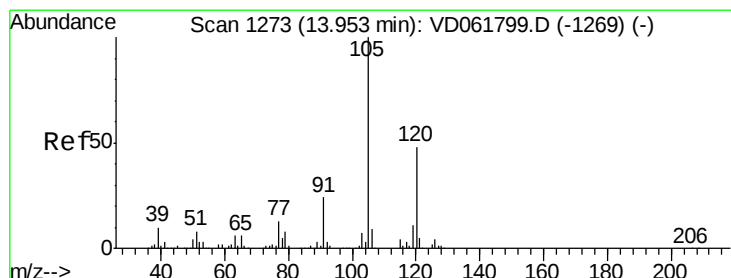
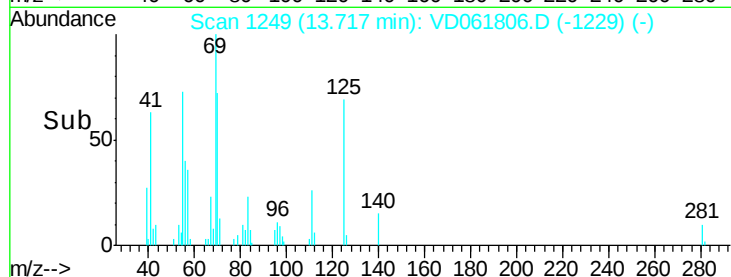
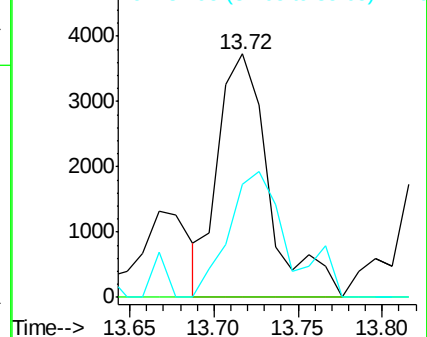
85 46.5 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VD061806.D (-1229) (-)

Ion 130.90 (130.60 to 131.60): VD061806.D (-1229) (-)

Ion 84.95 (84.65 to 85.65): VD061806.D (-1229) (-)



#80

1,3,5-Trimethylbenzene

Concen: 14.350 ug/l

RT: 13.93 min Scan# 1271

Delta R.T. -0.02 min

Lab File: VD061806.D

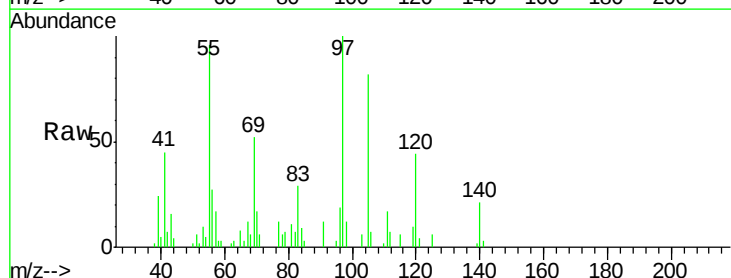
Acq: 16 Apr 2019 12:52

Tgt Ion: 105 Resp: 19788

Ion Ratio Lower Upper

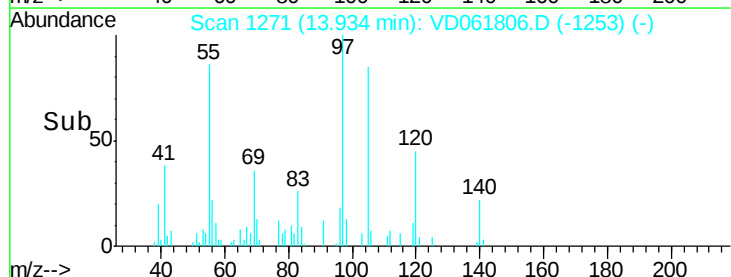
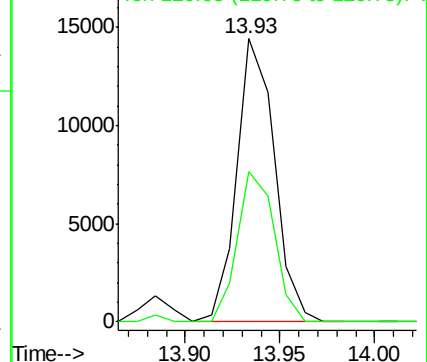
105 100

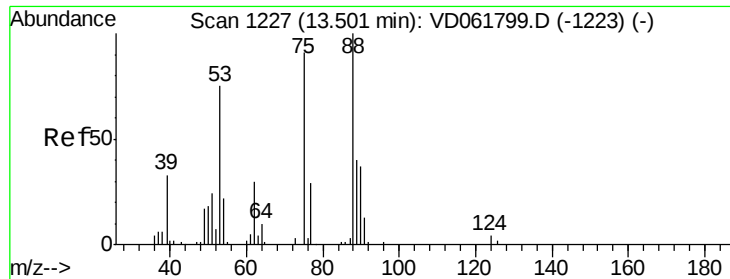
120 52.9 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061806.D (-1253) (-)

Ion 120.05 (119.75 to 120.75): VD061806.D (-1253) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 76.778 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.06 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

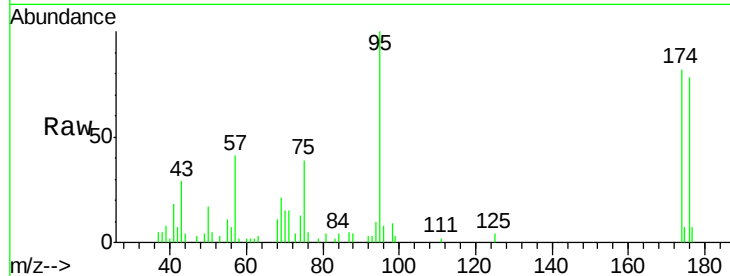
Tot Ion: 75 Resp: 8975

Ion Ratio Lower Upper

75 100

53 6.4 65.8 98.8#

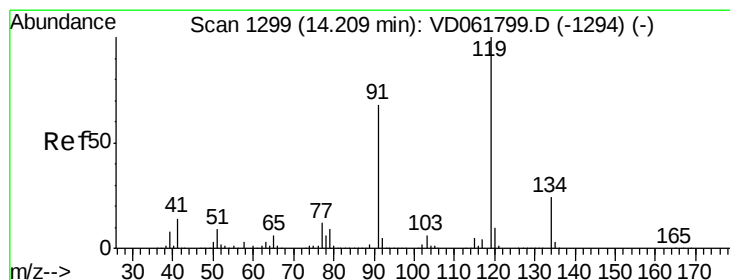
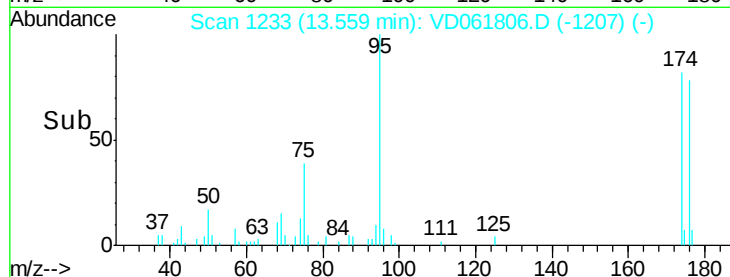
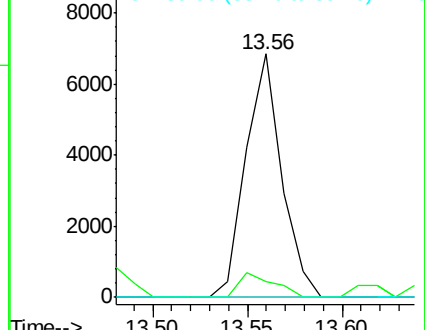
89 0.0 35.0 52.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#83

tert-Butylbenzene

Concen: 1.437 ug/l

RT: 14.19 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

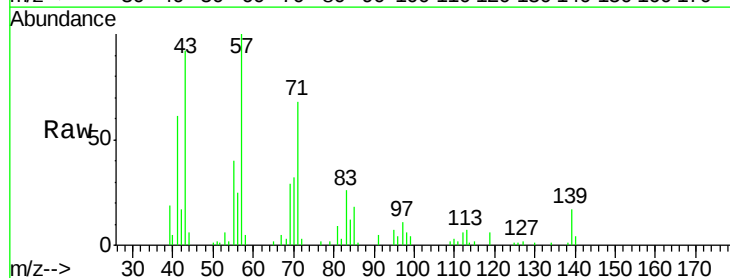
Tgt Ion: 119 Resp: 2327

Ion Ratio Lower Upper

119 100

91 93.2 34.2 102.6

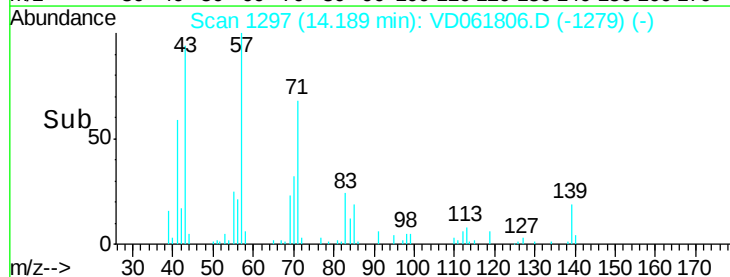
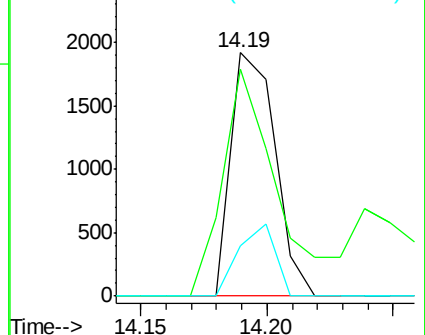
134 20.8 12.0 36.0

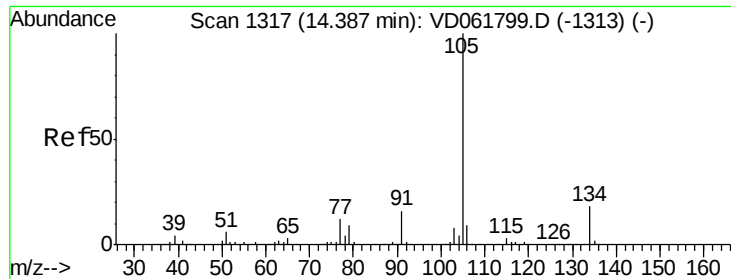


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): VDC

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 2.729 ug/l

RT: 14.38 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

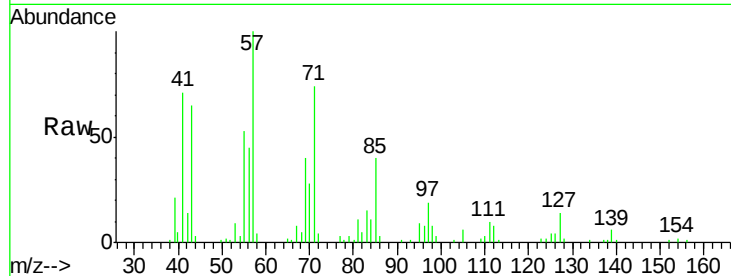
BCOG01

Tot Ion:105 Resp: 4567

Ion Ratio Lower Upper

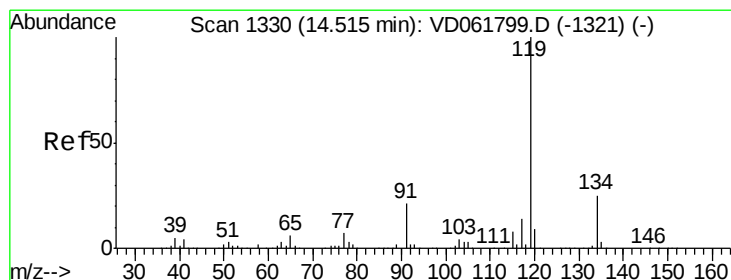
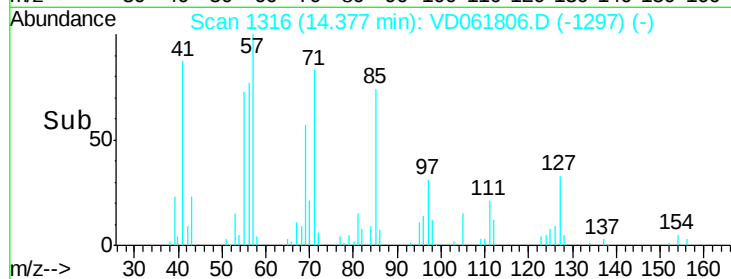
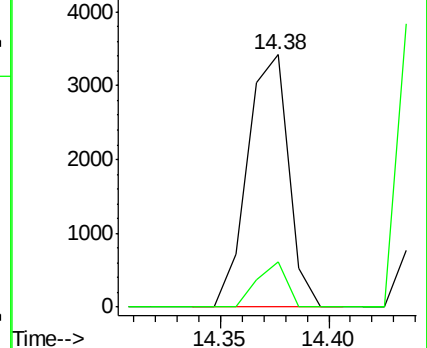
105 100

134 18.0 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 7.303 ug/l

RT: 14.49 min Scan# 1328

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

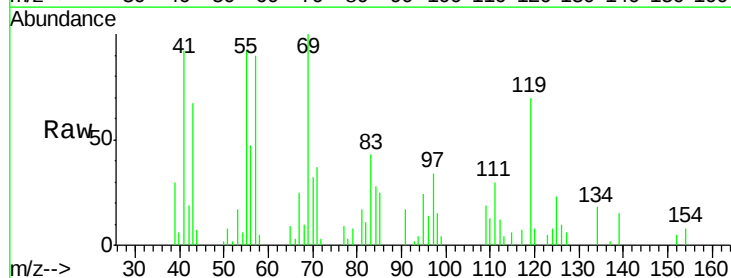
Tgt Ion:119 Resp: 11437

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

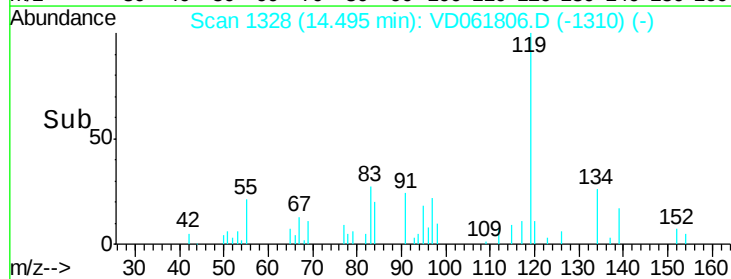
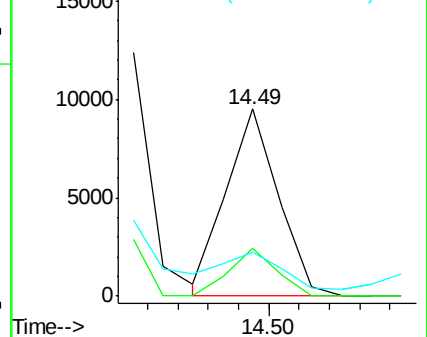
91 23.8 10.7 32.1

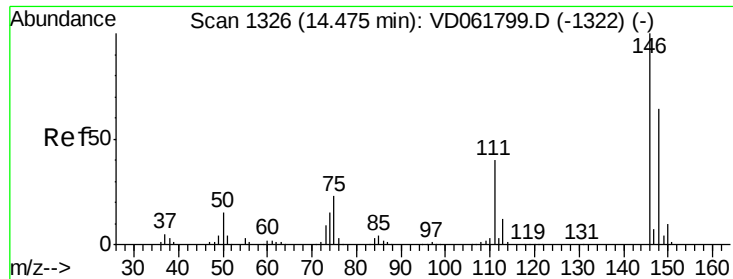


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.529 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. -0.02 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

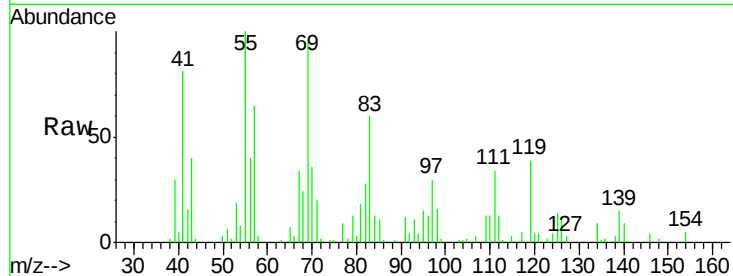
Tot Ion:146 Resp: 1318

Ion Ratio Lower Upper

146 100

111 871.3 20.0 60.0#

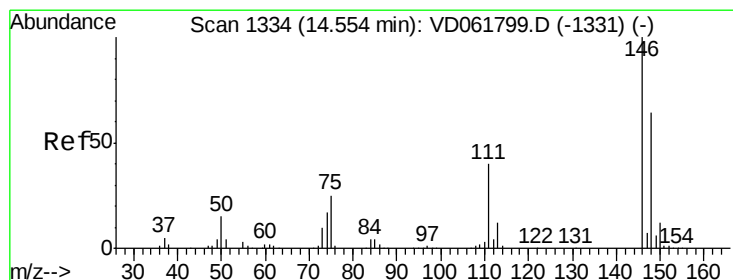
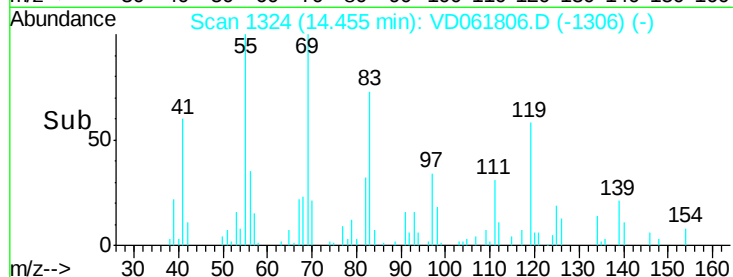
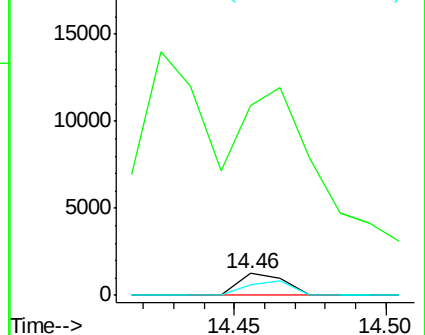
148 47.4 31.8 95.4



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



#88

1,4-Dichlorobenzene

Concen: 1.652 ug/l

RT: 14.54 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

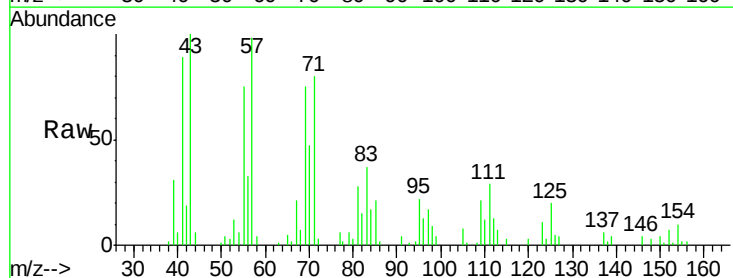
Tgt Ion:146 Resp: 1407

Ion Ratio Lower Upper

146 100

111 693.5 20.2 60.5#

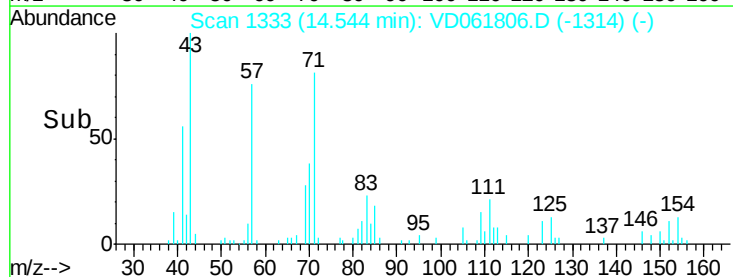
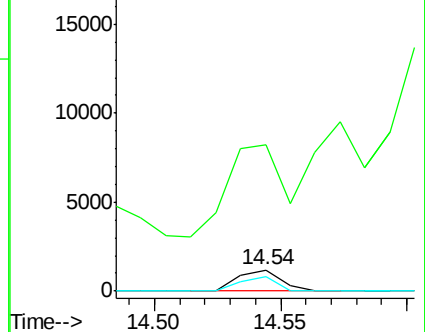
148 66.0 32.0 96.2

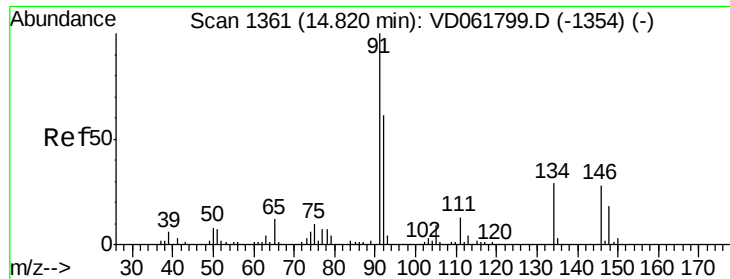


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 9.595 ug/l

RT: 14.86 min Scan# 1365

Delta R.T. 0.04 min

Lab File: VD061806.D

Acq: 16 Apr 2019 12:52

Instrument :

MSVOA_D

ClientSampleId :

BCOG01

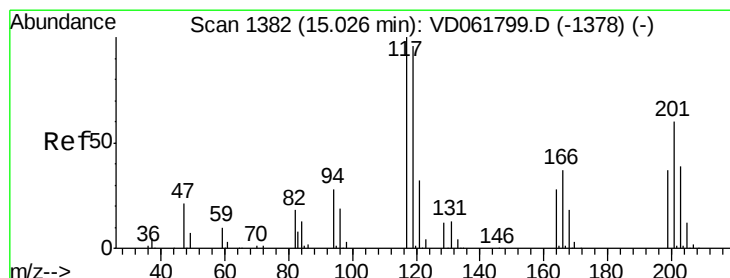
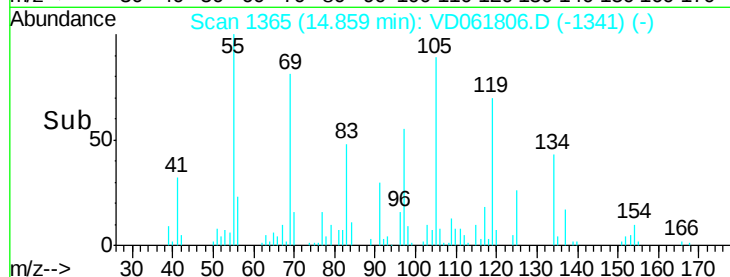
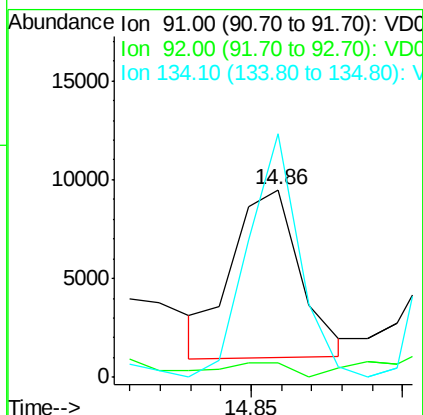
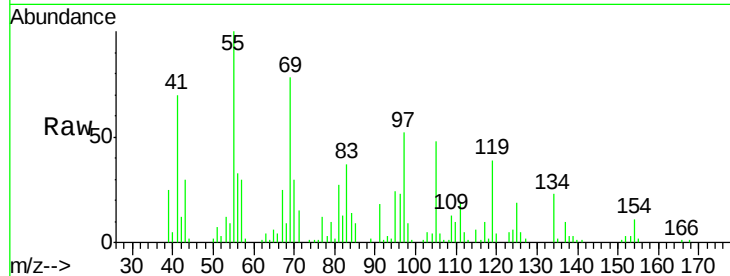
Tot Ion: 91 Resp: 13301

Ion Ratio Lower Upper

91 100

92 7.7 30.3 91.0#

134 129.6 14.5 43.6#



#90

Hexachloroethane

Concen: 6.339 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.02 min

Lab File: VD061806.D

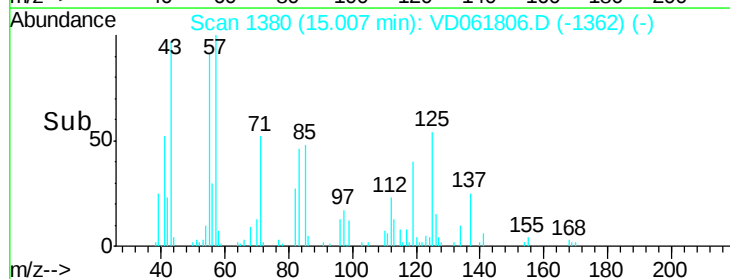
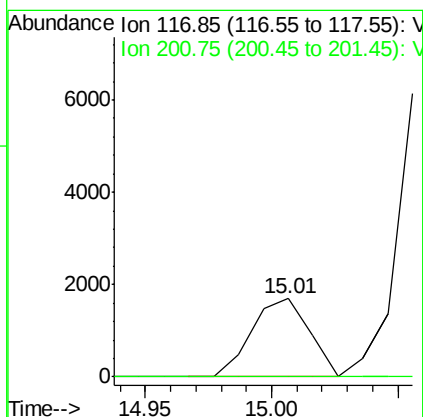
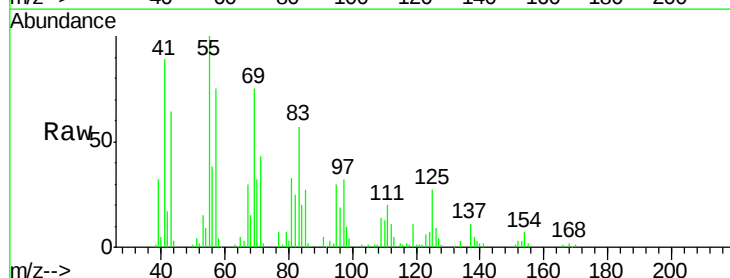
Acq: 16 Apr 2019 12:52

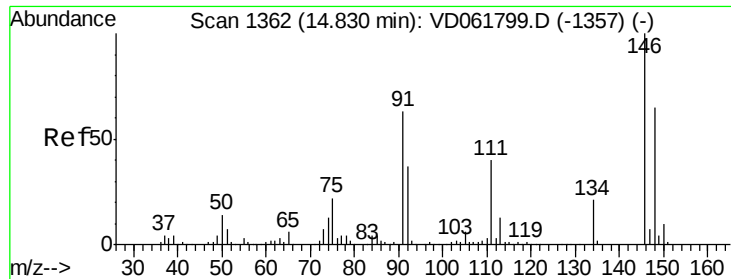
Tgt Ion: 117 Resp: 2706

Ion Ratio Lower Upper

117 100

201 0.0 30.2 90.6#

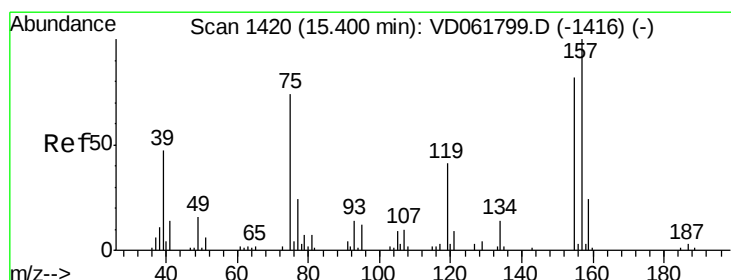
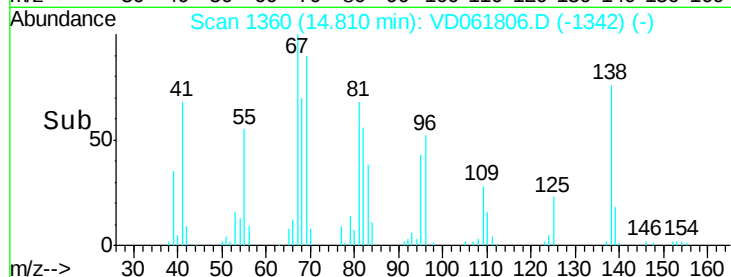
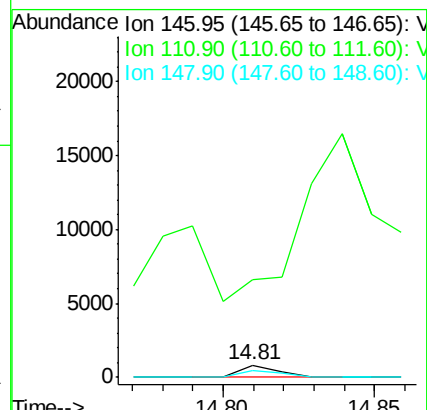
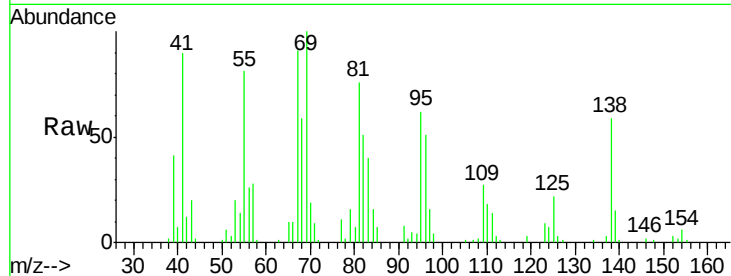




#91
 1,2-Dichlorobenzene
 Concen: 1.022 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

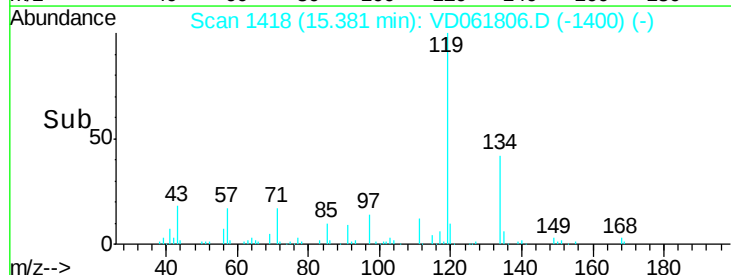
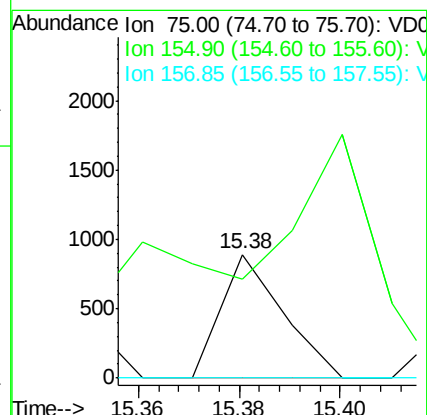
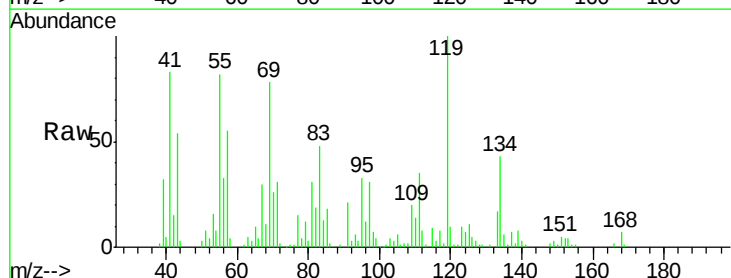
Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

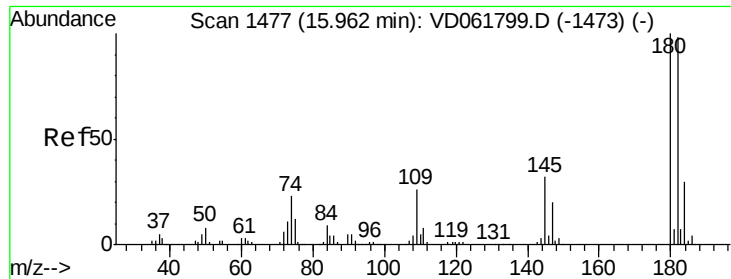
Tot Ion:146 Resp: 738
 Ion Ratio Lower Upper
 146 100
 111 784.0 20.0 59.9#
 148 53.0 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.263 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Tgt Ion: 75 Resp: 751
 Ion Ratio Lower Upper
 75 100
 155 80.2 55.3 165.8
 157 0.0 67.8 203.2#

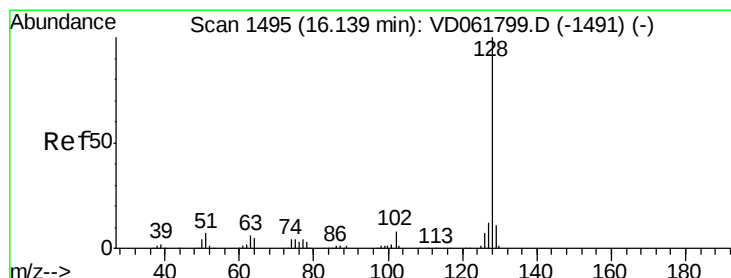
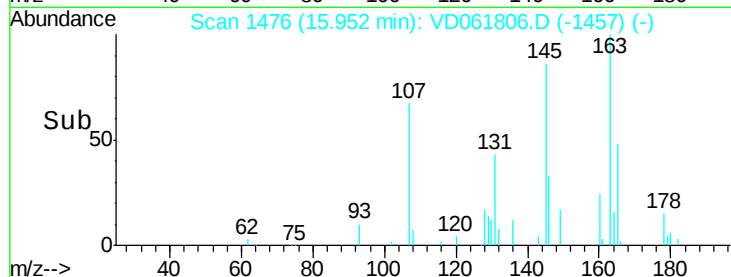
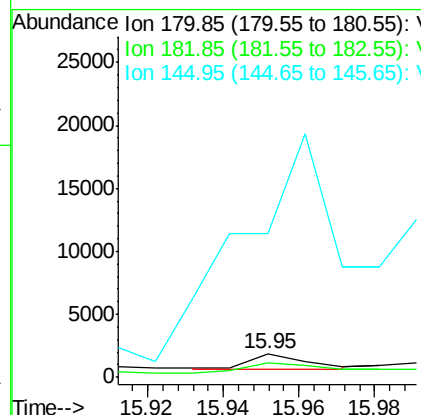
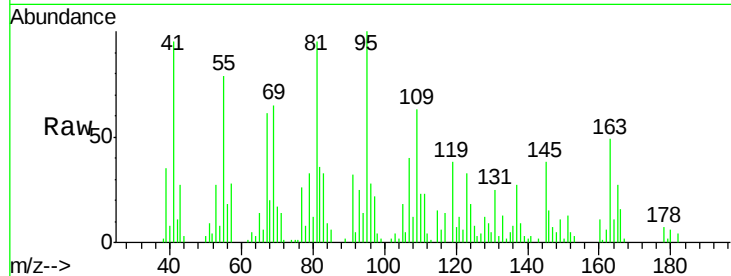




#93
 1,2,4-Trichlorobenzene
 Concen: 3.016 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

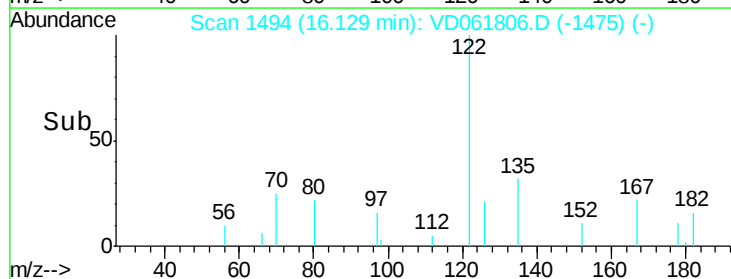
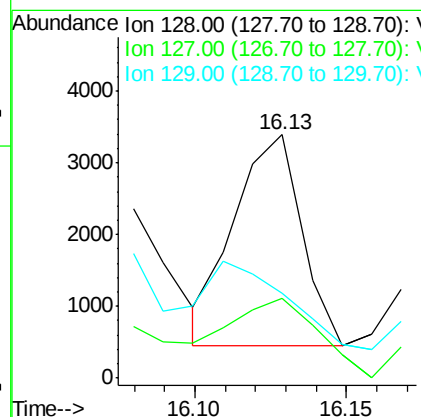
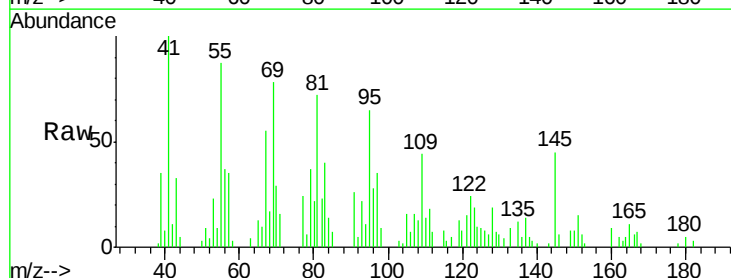
Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

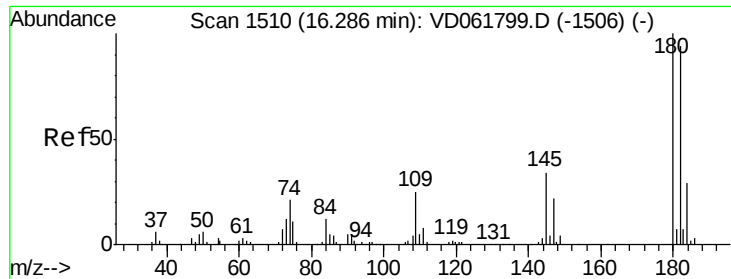
Tot Ion:180 Resp: 1196
 Ion Ratio Lower Upper
 180 100
 182 61.1 49.3 147.8
 145 606.0 16.2 48.6#



#95
 Naphthalene
 Concen: 7.454 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Tgt Ion:128 Resp: 4530
 Ion Ratio Lower Upper
 128 100
 127 32.6 9.8 14.8#
 129 34.8 8.8 13.2#

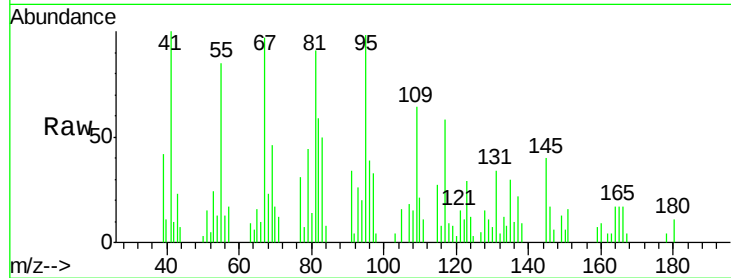




#96
 1,2,3-Trichlorobenzene
 Concen: 17.327 ug/l
 RT: 16.26 min Scan# 1507
 Delta R.T. -0.03 min
 Lab File: VD061806.D
 Acq: 16 Apr 2019 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG01

Tot Ion:180 Resp: 3915
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.0 141.0#
 145 359.0 17.0 51.0#



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

