

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD103118\
 Data File : VD060244.D
 Acq On : 31 Oct 2018 16:23
 Operator : VA/AP
 Sample : J5728-01
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EG-DRUM

Quant Time: Oct 31 23:53:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	304743	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.45	114	450782	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	111544	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	9545	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	208217	90.14	ug/l	0.03
Spiked Amount 50.000			Recovery =	180.28%		
35) Dibromofluoromethane	6.33	113	289685	84.63	ug/l	0.03
Spiked Amount 50.000			Recovery =	169.26%		
50) Toluene-d8	9.45	98	246419	25.24	ug/l	0.02
Spiked Amount 50.000			Recovery =	50.48%		
62) 4-Bromofluorobenzene	12.43	95	15427	4.22	ug/l	0.01
Spiked Amount 50.000			Recovery =	8.44%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	3.28	142	1986	1.187	ug/l #	34
11) Tert butyl alcohol	3.97	59	2426	14.644	ug/l #	74
13) Acrolein	2.98	56	421	4.122	ug/l #	64
16) Acetone	3.16	43	50128	119.592	ug/l	98
17) Carbon Disulfide	3.31	76	43405	10.383	ug/l	100
18) Methyl Acetate	3.57	43	4080	4.529	ug/l #	63
20) Methylene Chloride	3.73	84	62944	16.168	ug/l	96
25) 2-Butanone	5.63	43	17868	17.063	ug/l	94
29) Tetrahydrofuran	5.95	42	1921	3.158	ug/l #	59
31) Cyclohexane	6.40	56	5636	1.126	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	20667	4.798	ug/l #	44
37) Ethyl Acetate	5.63	43	17868	6.249	ug/l #	71
38) Carbon Tetrachloride	6.40	117	24676	6.312	ug/l #	11
40) Benzene	6.79	78	18158	1.611	ug/l	95
51) 4-Methyl-2-Pentanone	9.35	43	3228	1.361	ug/l	88
74) N-amyl acetate	12.14	43	401	1.739	ug/l #	52
76) 1,2,3-Trichloropropane	12.59	75	184	1.339	ug/l #	42
77) Bromobenzene	12.55	156	702	3.836	ug/l	77
78) n-propylbenzene	12.63	91	1137	1.454	ug/l #	56
79) 2-Chlorotoluene	12.81	91	2085	4.805	ug/l	94
80) 1,3,5-Trimethylbenzene	12.79	105	721	1.479	ug/l #	29
81) trans-1,4-Dichloro-2-buten	12.43	75	6373	164.999	ug/l #	13
82) 4-Chlorotoluene	12.81	91	2085	4.248	ug/l	93
84) 1,2,4-Trimethylbenzene	13.10	105	1997	3.888	ug/l	85
85) sec-Butylbenzene	13.22	105	680	1.028	ug/l #	60
86) p-Isopropyltoluene	13.34	119	808	1.490	ug/l #	51
87) 1,3-Dichlorobenzene	13.31	146	2113	6.628	ug/l	94
88) 1,4-Dichlorobenzene	13.39	146	2640	8.244	ug/l	84
89) n-Butylbenzene	13.65	91	1642	3.103	ug/l	89
91) 1,2-Dichlorobenzene	13.66	146	1958	7.304	ug/l #	81
92) 1,2-Dibromo-3-Chloropropan	14.23	75	626	34.104	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.79	180	3633	15.967	ug/l	98
94) Hexachlorobutadiene	14.88	225	459	3.035	ug/l #	32
95) Naphthalene	14.97	128	18786	55.700	ug/l #	96

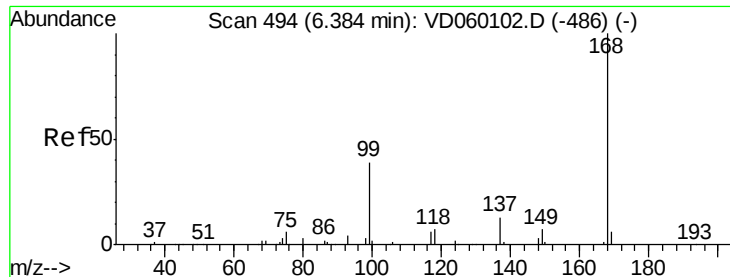
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD103118\
Data File : VD060244.D
Acq On : 31 Oct 2018 16:23
Operator : VA/AP
Sample : J5728-01
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Quant Time: Oct 31 23:53:22 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.11	180	3674	18.562	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

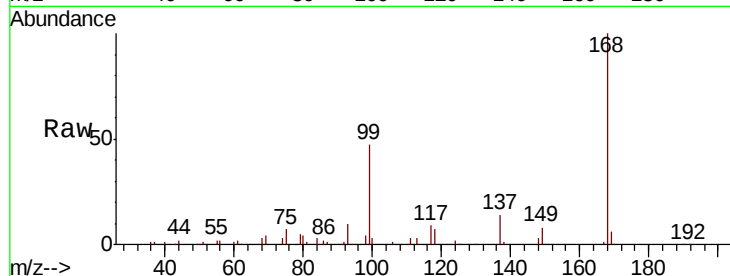
EG-DRUM

Tot Ion:168 Resp: 304743

Ion Ratio Lower Upper

168 100

99 47.2 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

6.40

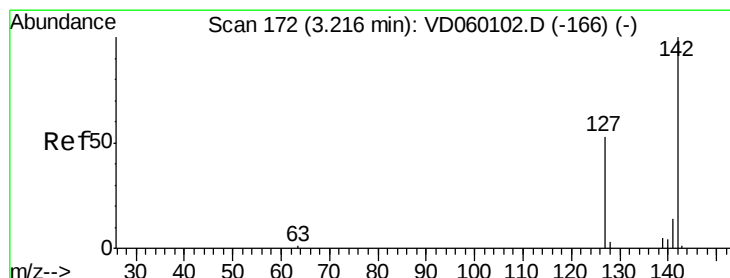
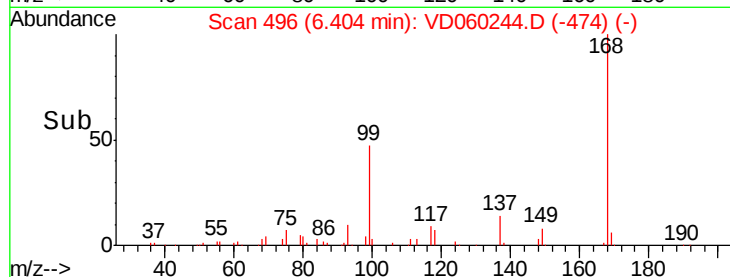
100000

50000

0

Time-->

6.30 6.40 6.50 6.60



#10

Methyl Iodide

Concen: 1.187 ug/l

RT: 3.28 min Scan# 179

Delta R.T. 0.07 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

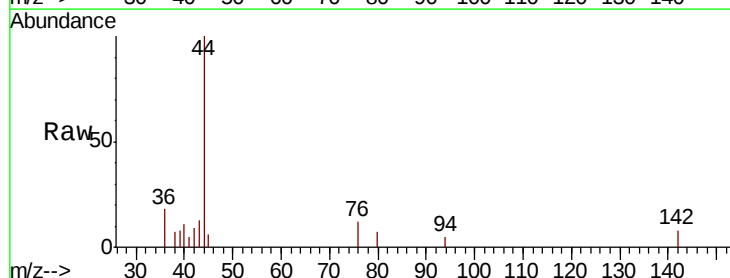
Tgt Ion:142 Resp: 1986

Ion Ratio Lower Upper

142 100

127 0.0 42.0 63.0#

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

3.28

600

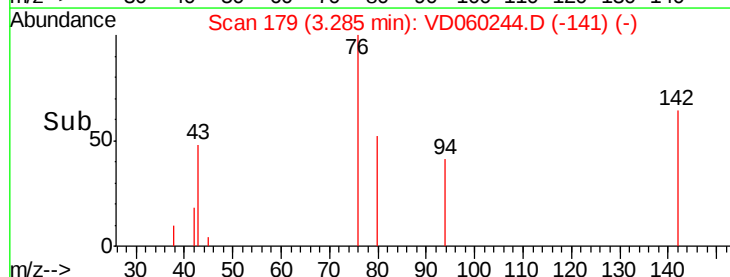
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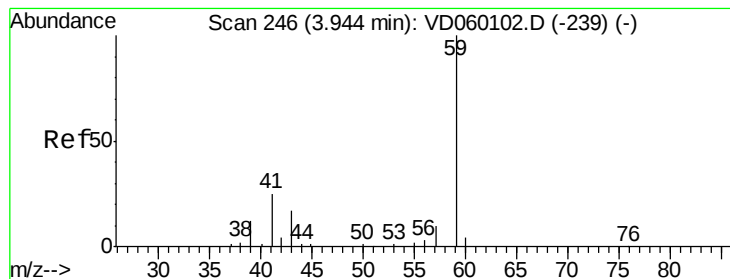
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Time-->

3.20 3.25 3.30 3.35



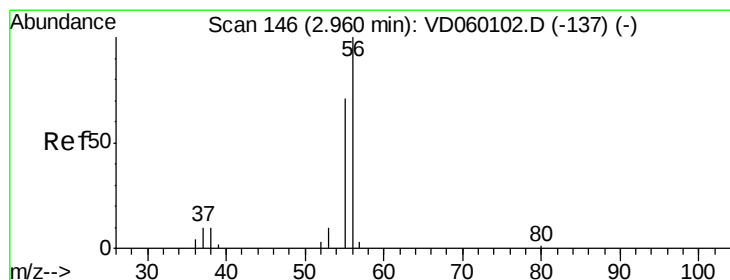
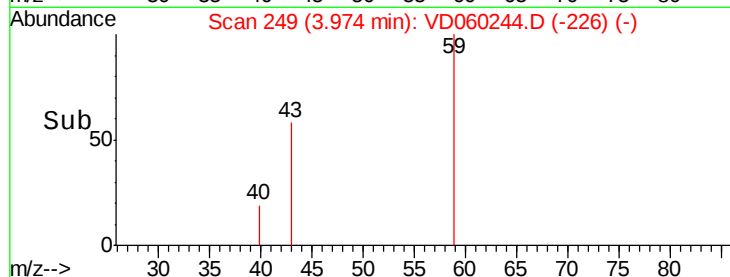
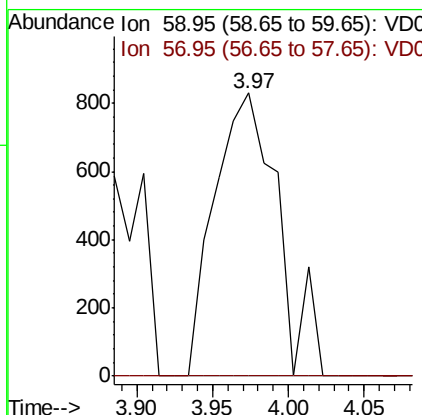
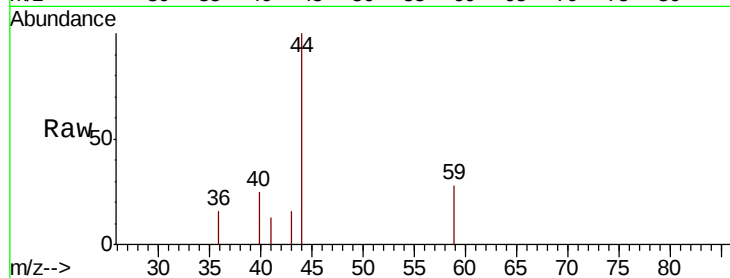


#11

Tert butyl alcohol
 Concen: 14.644 ug/l
 RT: 3.97 min Scan# 249
 Delta R.T. 0.03 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Instrument :
 MSVOA_D
 ClientSampleID :
 EG-DRUM

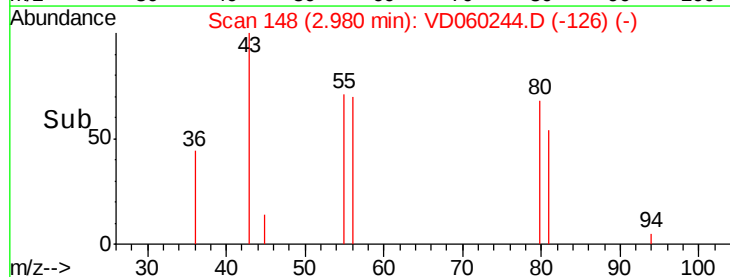
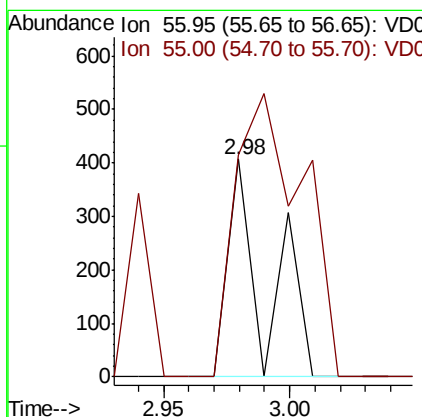
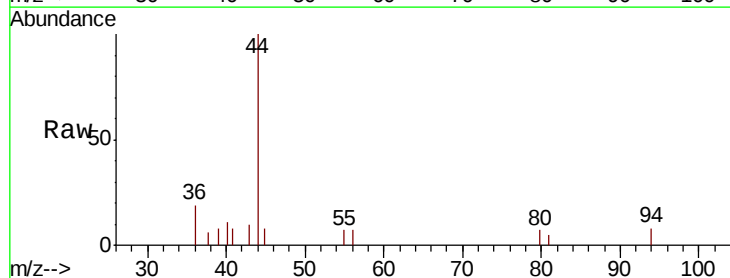
Tot Ion: 59 Resp: 2426
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

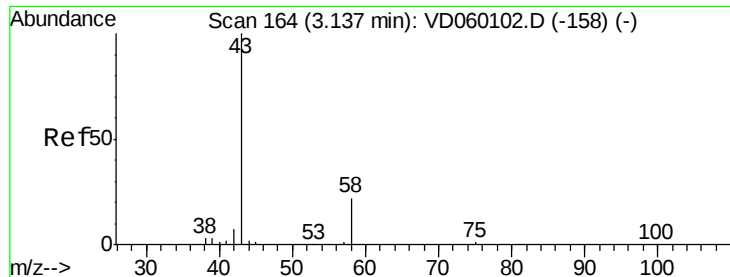


#13

Acrolein
 Concen: 4.122 ug/l
 RT: 2.98 min Scan# 148
 Delta R.T. 0.02 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Tgt Ion: 56 Resp: 421
 Ion Ratio Lower Upper
 56 100
 55 102.0 57.4 86.2#





#16

Acetone

Concen: 119.592 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

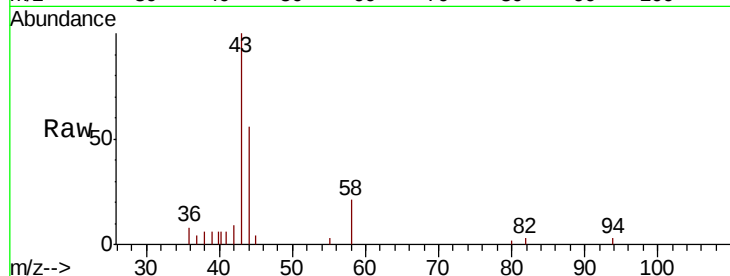
EG-DRUM

Tot Ion: 43 Resp: 50128

Ion Ratio Lower Upper

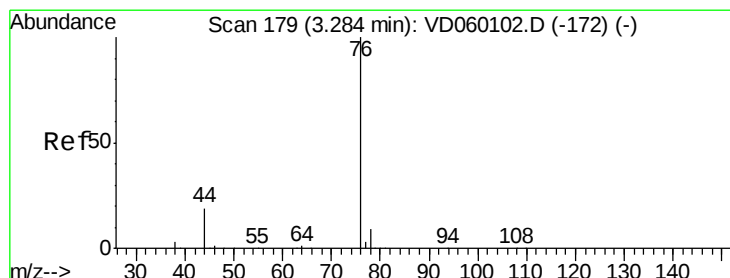
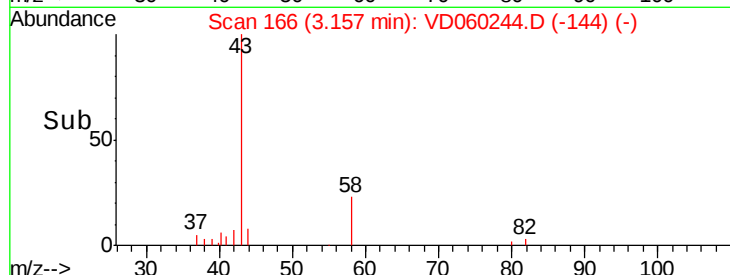
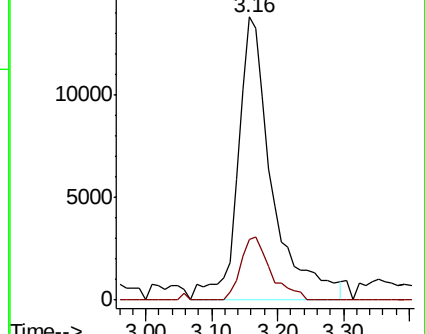
43 100

58 21.4 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#17

Carbon Disulfide

Concen: 10.383 ug/l

RT: 3.31 min Scan# 182

Delta R.T. 0.03 min

Lab File: VD060244.D

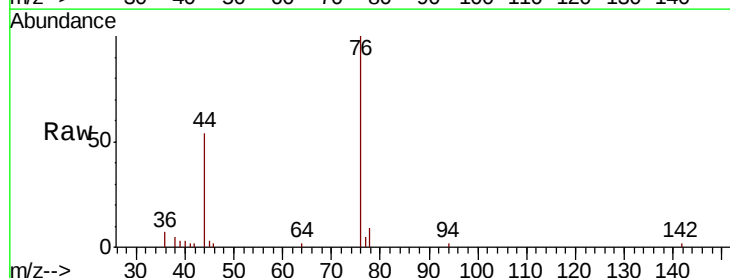
Acq: 31 Oct 2018 16:23

Tgt Ion: 76 Resp: 43405

Ion Ratio Lower Upper

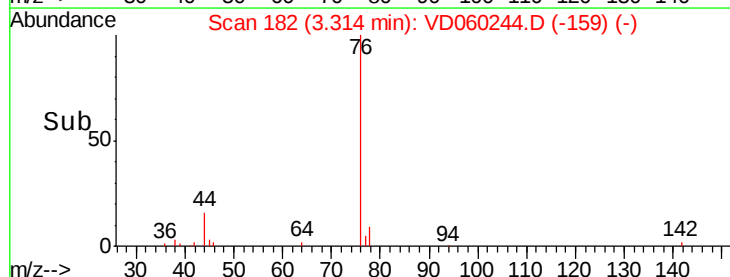
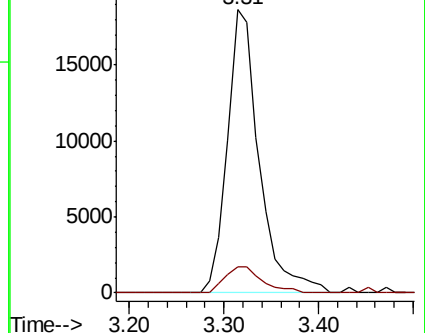
76 100

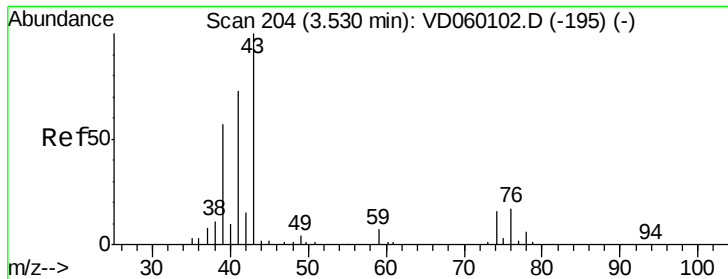
78 9.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

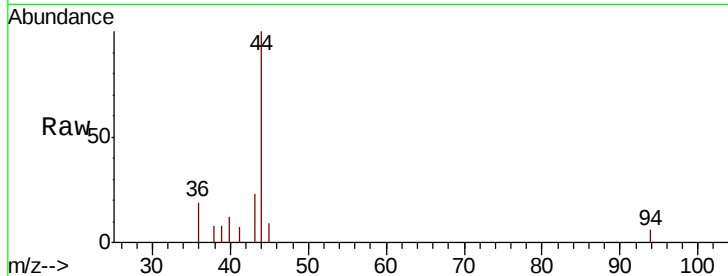




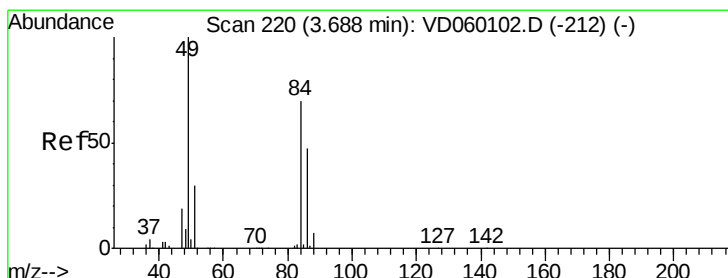
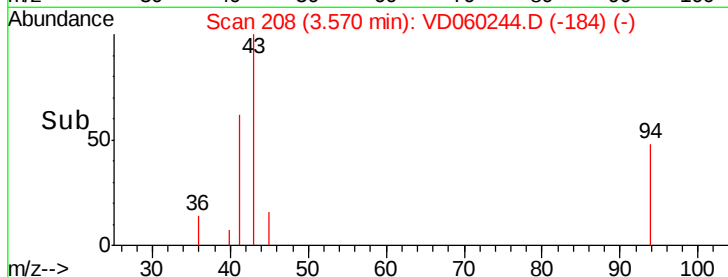
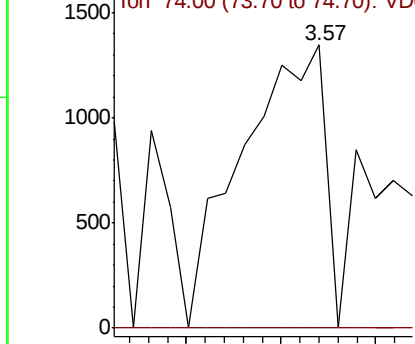
#18
Methyl Acetate
Concen: 4.529 ug/l
RT: 3.57 min Scan# 208
Delta R.T. 0.04 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

Tot Ion: 43 Resp: 4080
Ion Ratio Lower Upper
43 100
74 0.0 12.6 19.0#

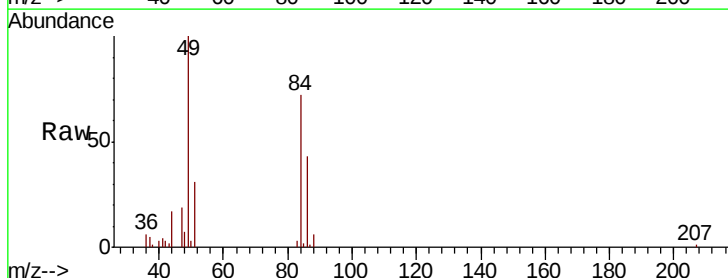


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC

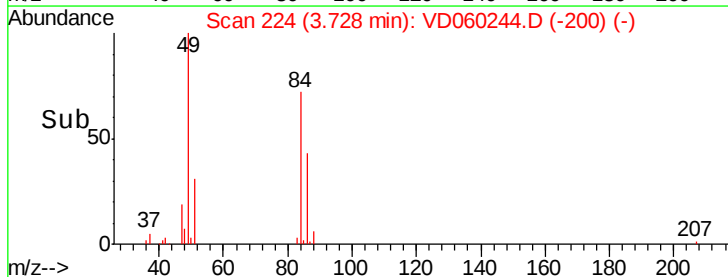
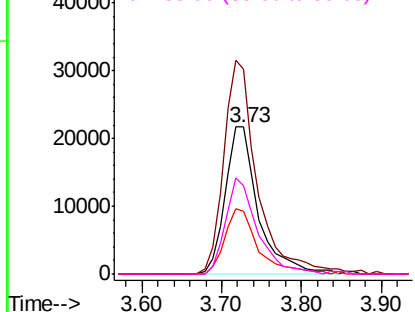


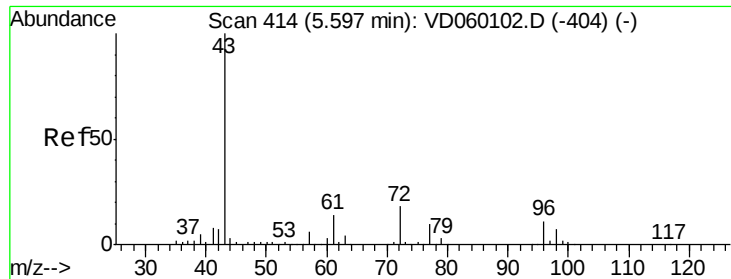
#20
Methylene Chloride
Concen: 16.168 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Tgt Ion: 84 Resp: 62944
Ion Ratio Lower Upper
84 100
49 138.9 114.6 172.0
51 42.6 33.8 50.8
86 60.0 53.3 79.9



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: 17.063 ug/l

RT: 5.63 min Scan# 417

Delta R.T. 0.03 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

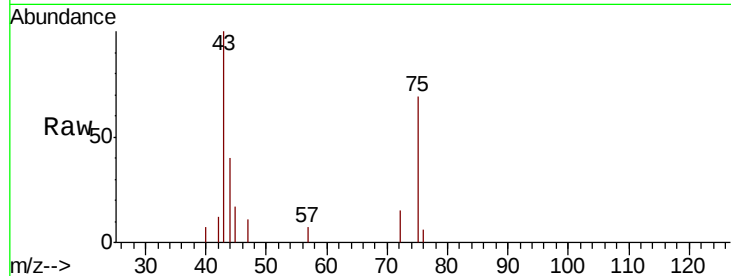
EG-DRUM

Tot Ion: 43 Resp: 17868

Ion Ratio Lower Upper

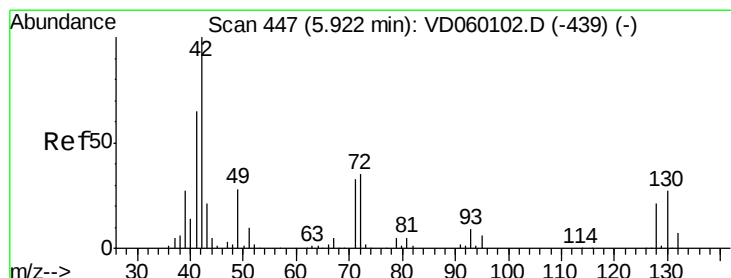
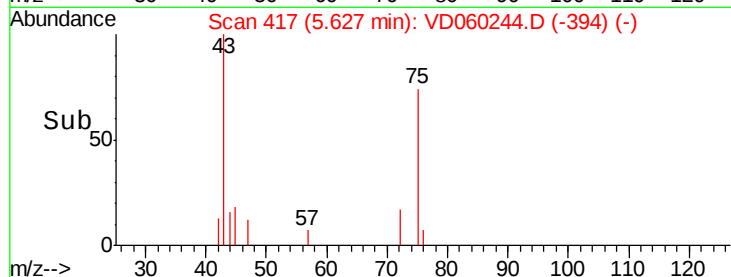
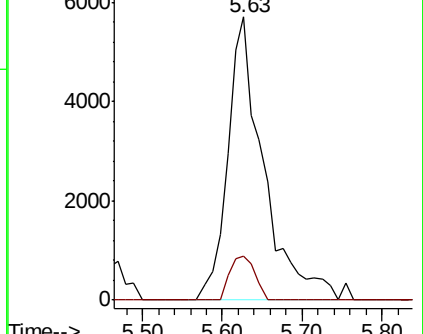
43 100

72 15.5 14.5 21.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 3.158 ug/l

RT: 5.95 min Scan# 450

Delta R.T. 0.03 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

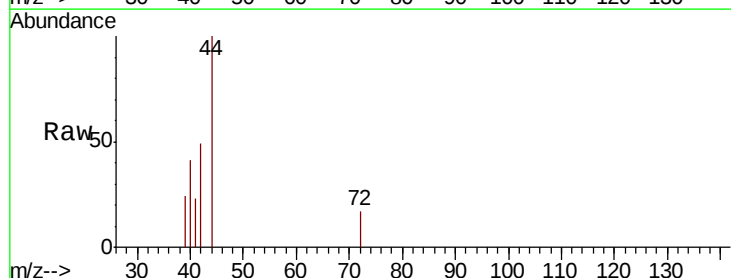
Tgt Ion: 42 Resp: 1921

Ion Ratio Lower Upper

42 100

72 10.3 26.9 40.3#

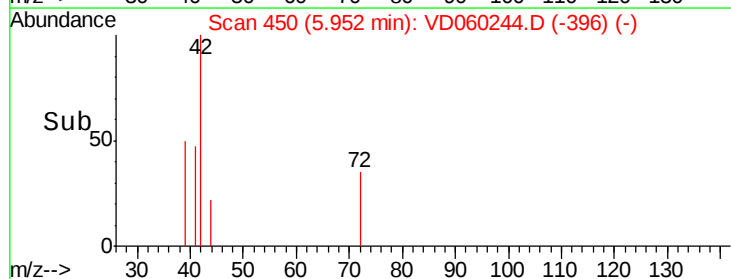
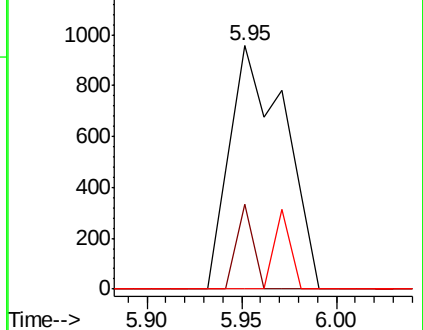
71 9.6 26.7 40.1#

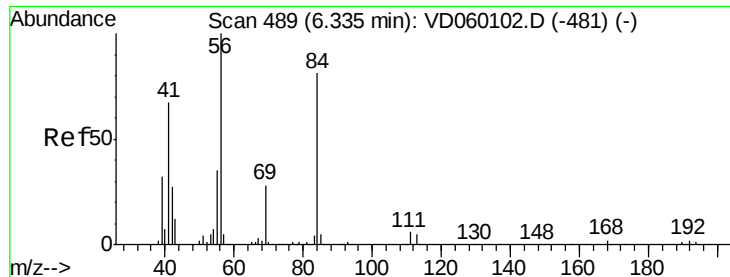


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

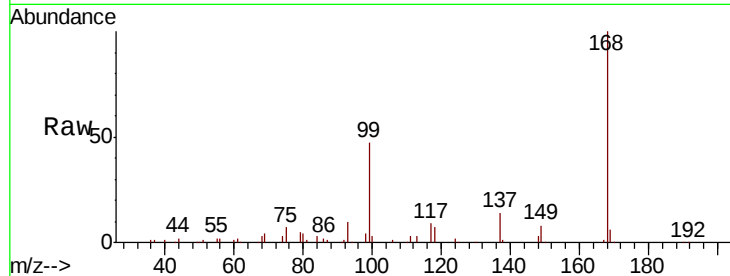




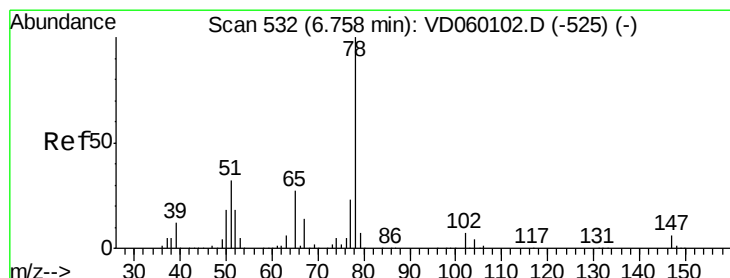
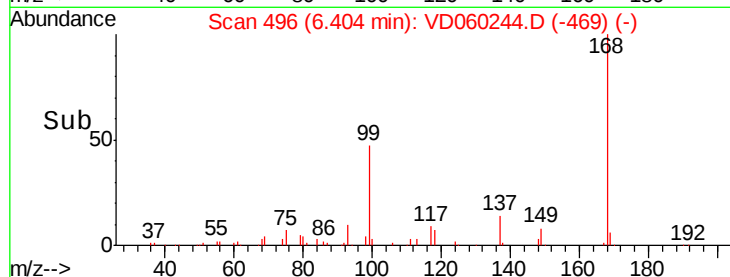
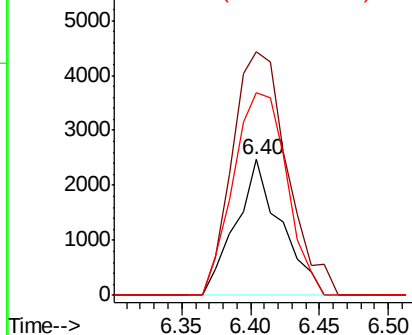
#31
Cyclohexane
Concen: 1.126 ug/l
RT: 6.40 min Scan# 496
Delta R.T. 0.07 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

Tot Ion: 56 Resp: 5636
Ion Ratio Lower Upper
56 100
69 179.7 22.8 34.2#
84 149.3 64.9 97.3#

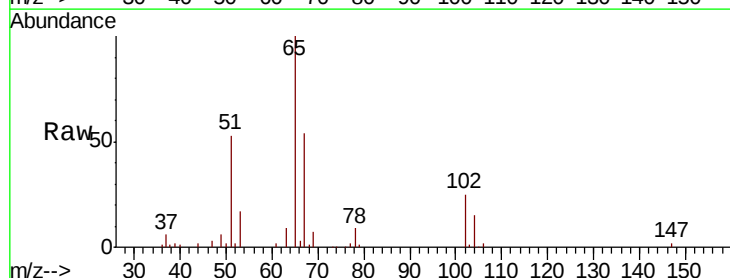


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

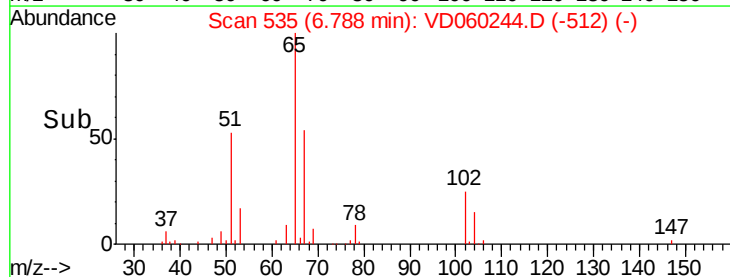
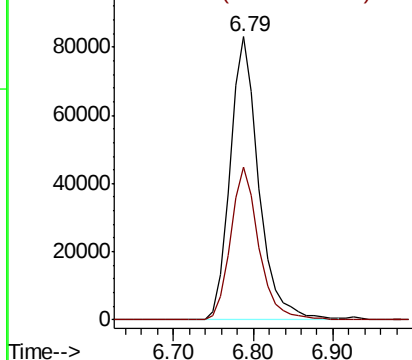


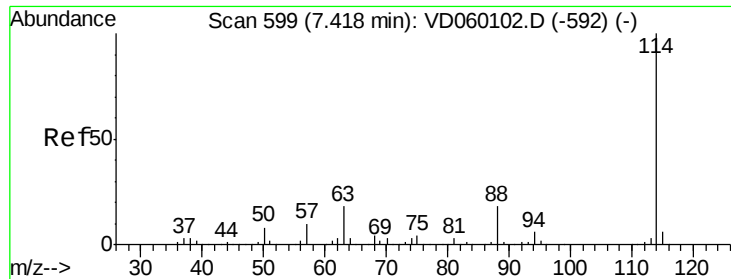
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.03 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Tgt Ion: 65 Resp: 208217
Ion Ratio Lower Upper
65 100
67 54.2 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

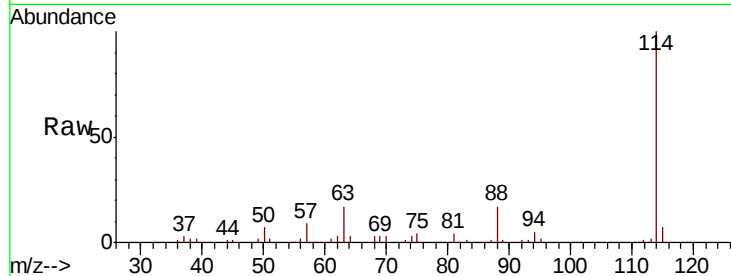




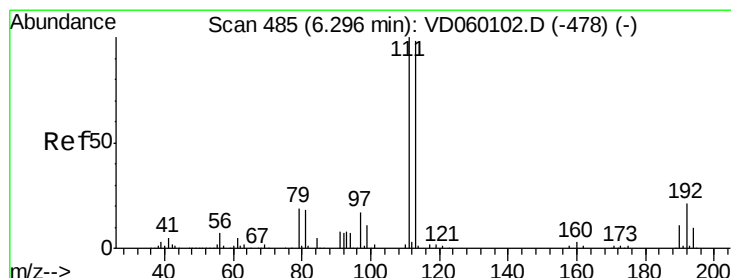
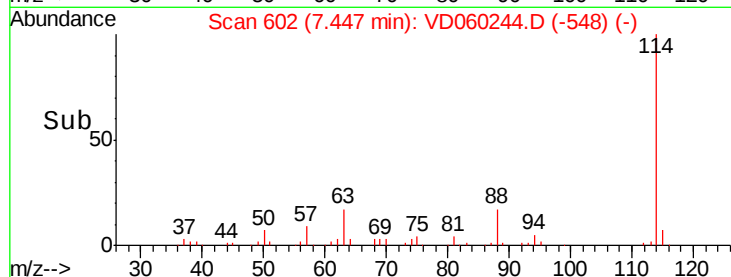
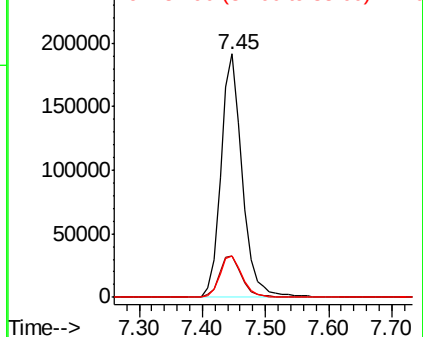
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Instrument :
 MSVOA_D
 ClientSampleId :
 EG-DRUM

Tot Ion:114 Resp: 450782
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.0
 88 17.0 0.0 36.2

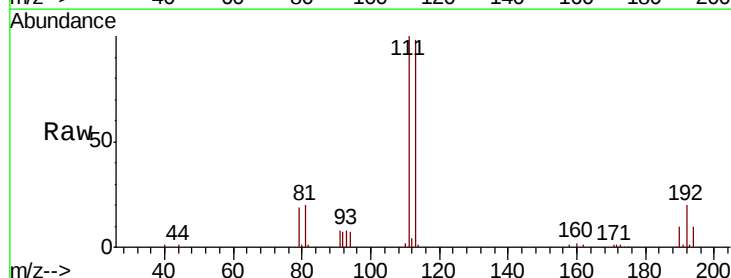


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

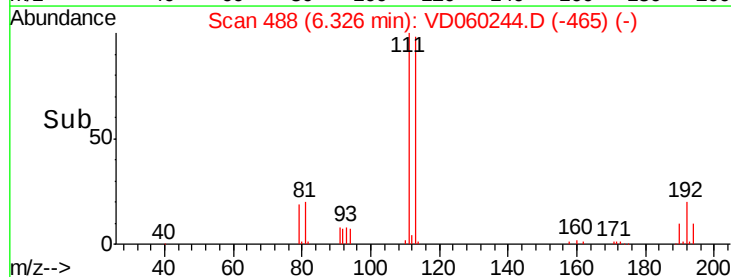
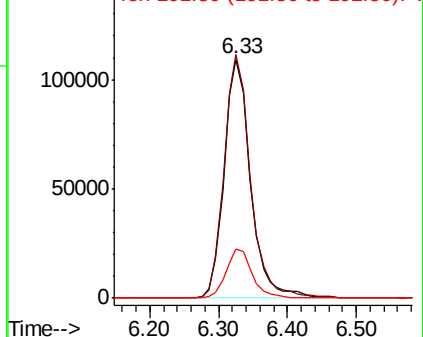


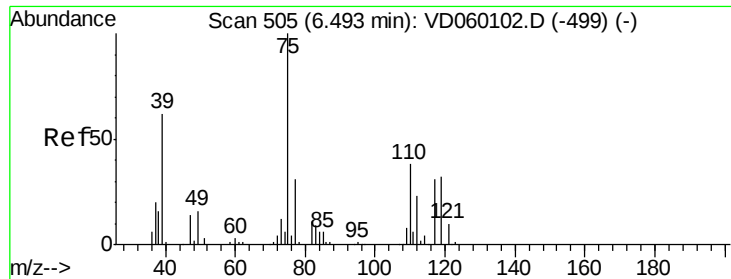
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Tgt Ion:113 Resp: 289685
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.5 122.3
 192 20.3 17.4 26.0



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: 4.798 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.09 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

EG-DRUM

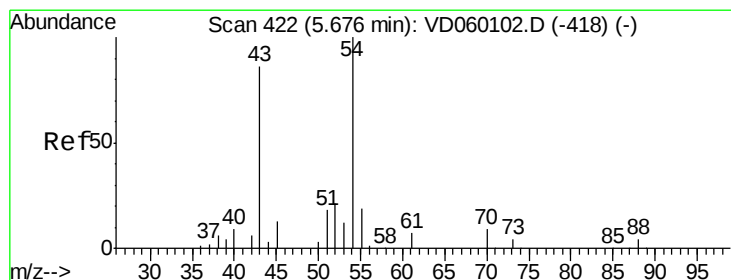
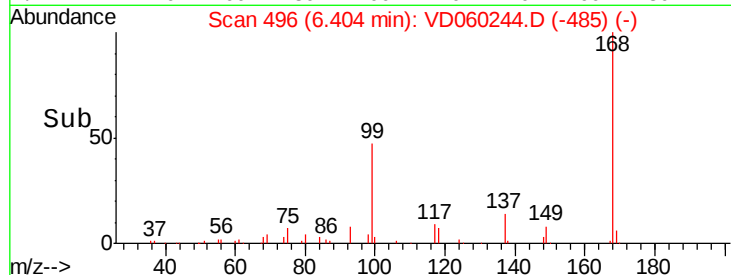
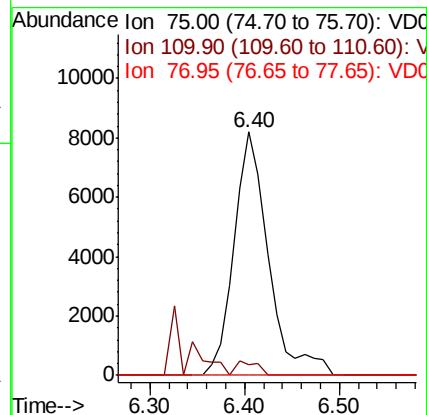
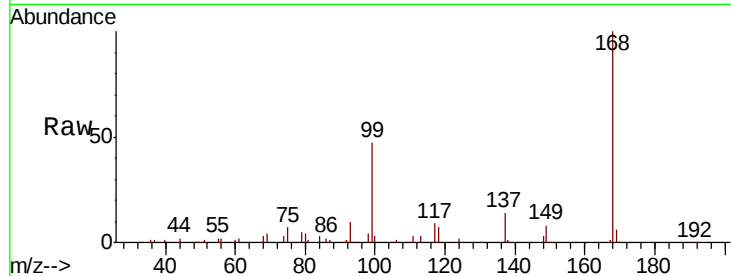
Tot Ion: 75 Resp: 20667

Ion Ratio Lower Upper

75 100

110 4.1 19.0 57.0#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 6.249 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.05 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

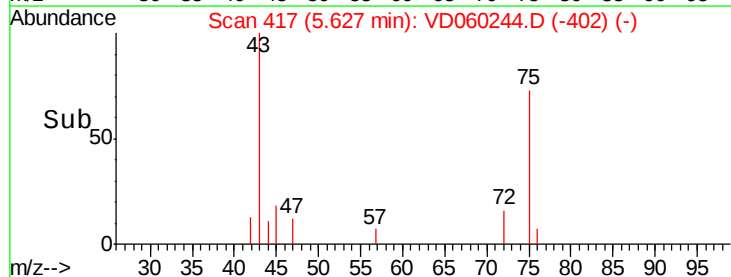
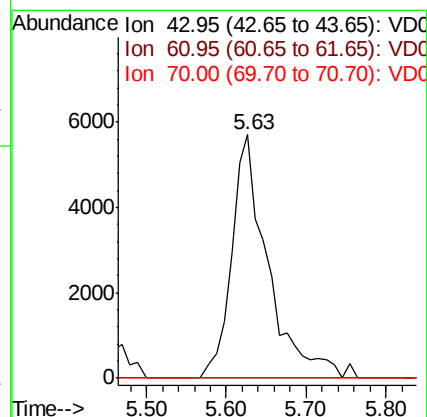
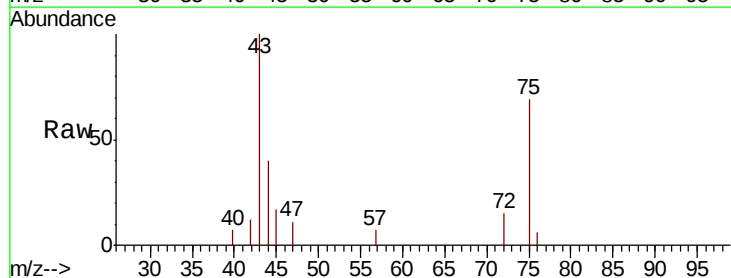
Tgt Ion: 43 Resp: 17868

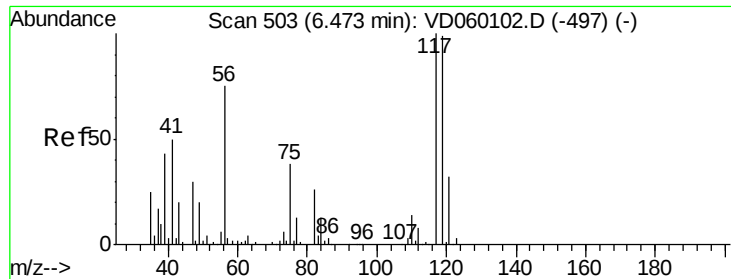
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 6.3 9.5#

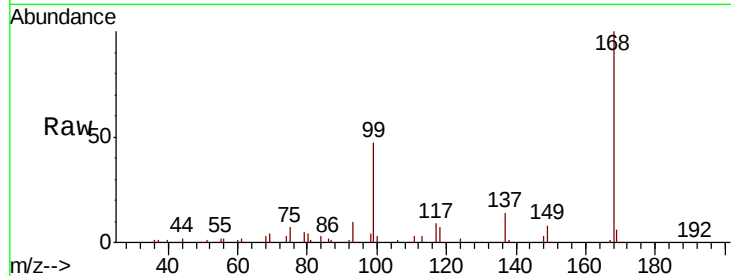




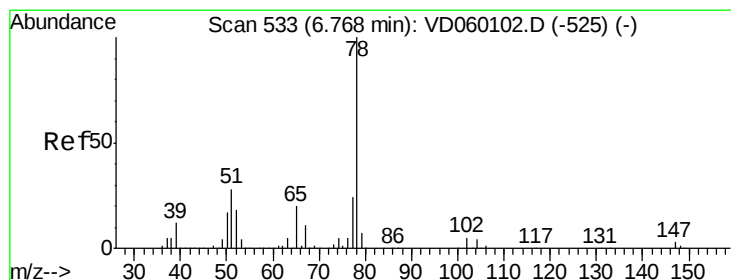
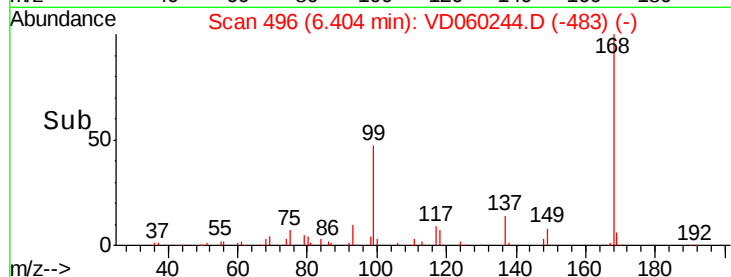
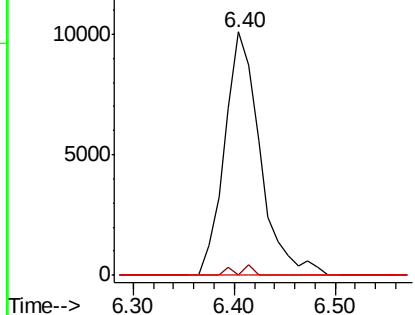
#38
Carbon Tetrachloride
Concen: 6.312 ug/l
RT: 6.40 min Scan# 496
Delta R.T. -0.07 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

Tot Ion:117 Resp: 24676
Ion Ratio Lower Upper
117 100
119 0.0 77.8 116.6#
121 0.0 24.8 37.2#

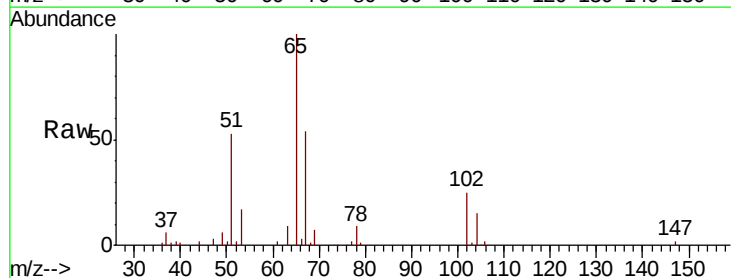


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

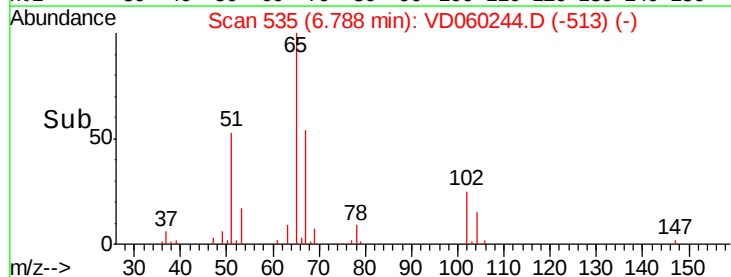
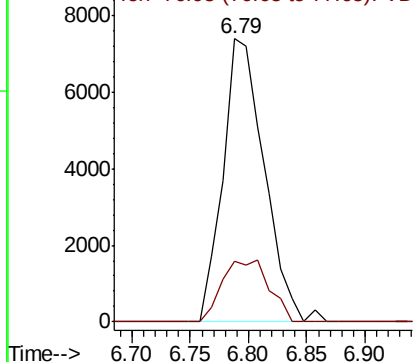


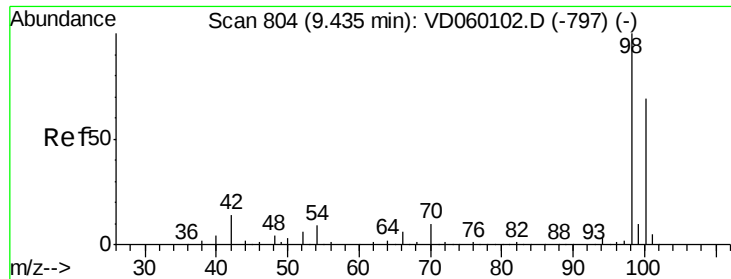
#40
Benzene
Concen: 1.611 ug/l
RT: 6.79 min Scan# 535
Delta R.T. 0.02 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Tgt Ion: 78 Resp: 18158
Ion Ratio Lower Upper
78 100
77 21.4 19.0 28.4



Abundance Ion 77.95 (77.65 to 78.65): V
Ion 76.95 (76.65 to 77.65): V

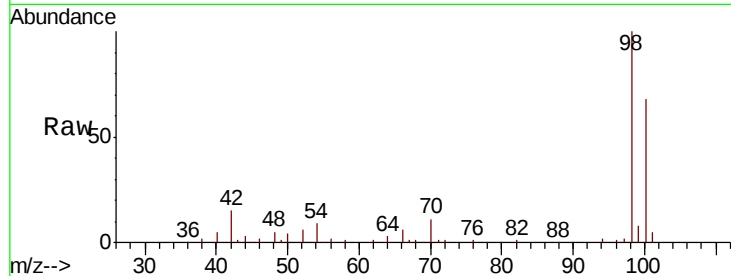




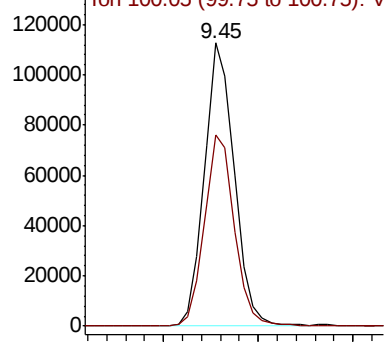
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

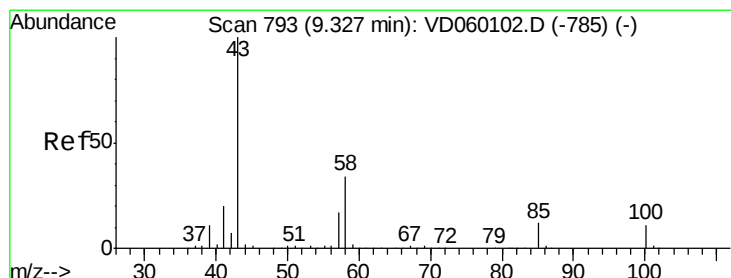
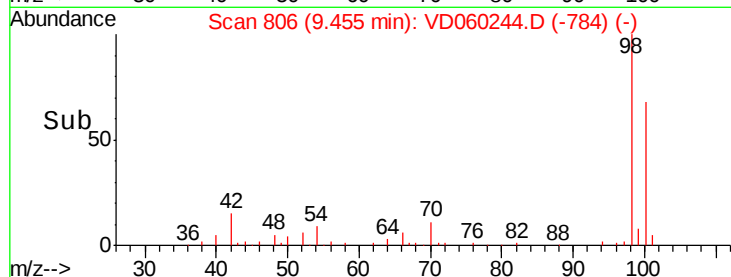
Tot Ion: 98 Resp: 246419
Ion Ratio Lower Upper
98 100
100 67.7 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

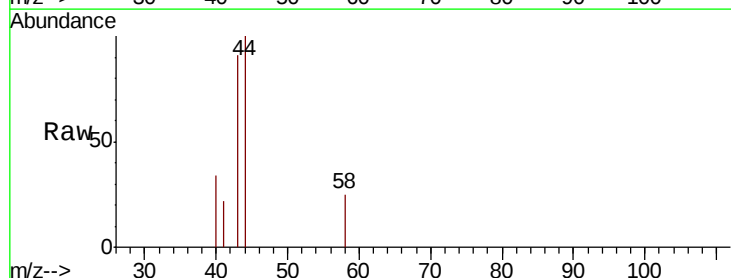


Time-->

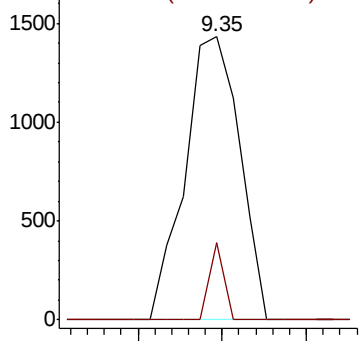


#51
4-Methyl-2-Pentanone
Concen: 1.361 ug/l
RT: 9.35 min Scan# 795
Delta R.T. 0.02 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

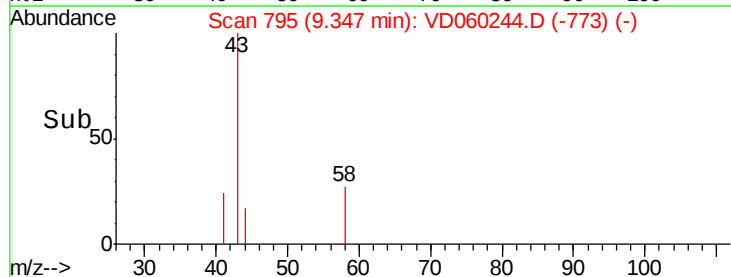
Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 27.3 27.2 40.8

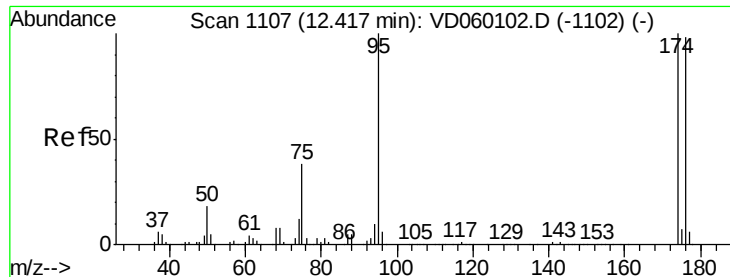


Abundance Ion 42.95 (42.65 to 43.65): VD060102.D (-785) (-)
Ion 57.95 (57.65 to 58.65): VD060102.D (-785) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

EG-DRUM

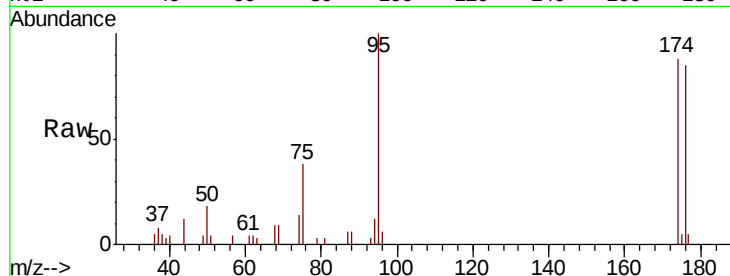
Tot Ion: 95 Resp: 15427

Ion Ratio Lower Upper

95 100

174 88.2 0.0 200.2

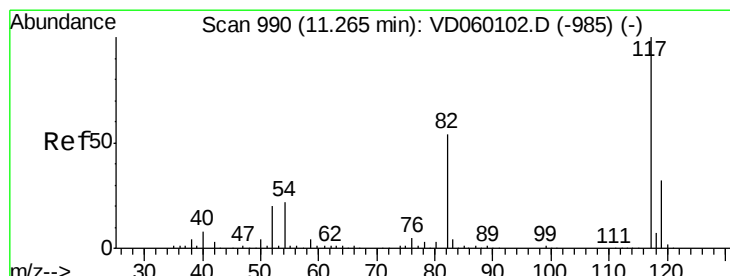
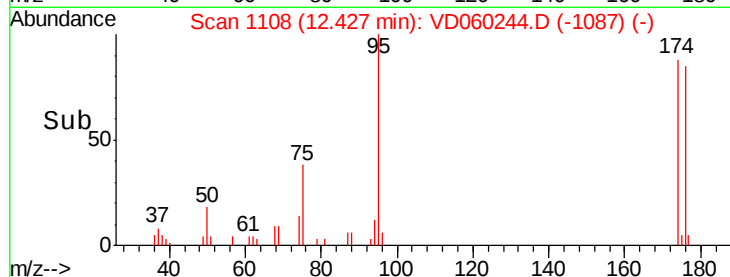
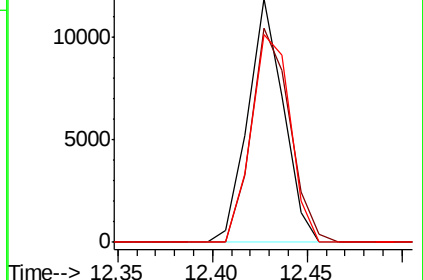
176 85.1 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

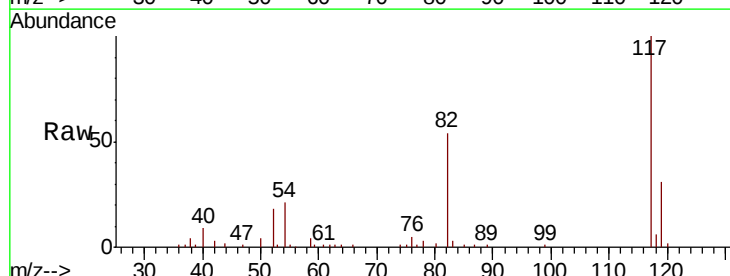
Tgt Ion: 117 Resp: 111544

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.2

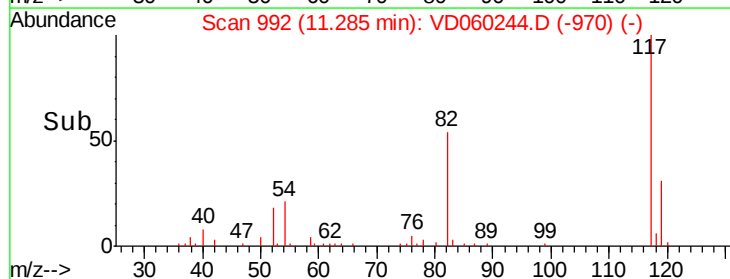
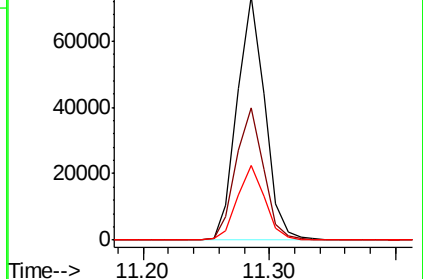
119 30.6 26.0 39.0

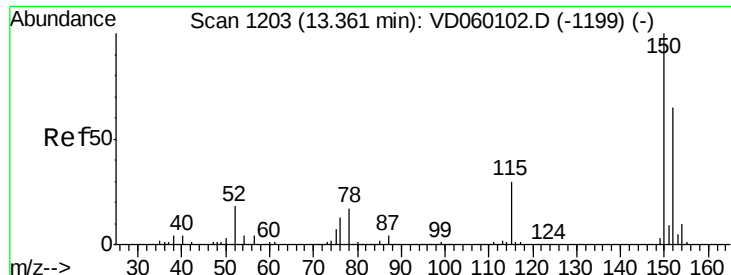


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

EG-DRUM

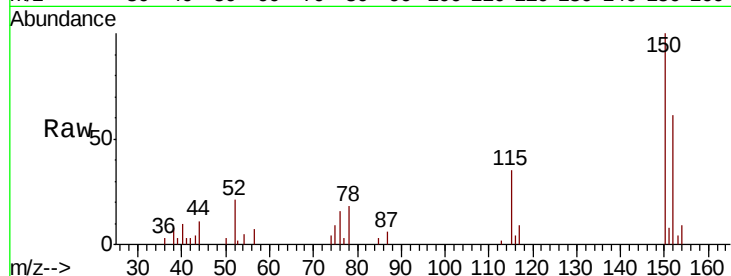
Tot Ion:152 Resp: 9545

Ion Ratio Lower Upper

152 100

115 57.2 27.1 81.2

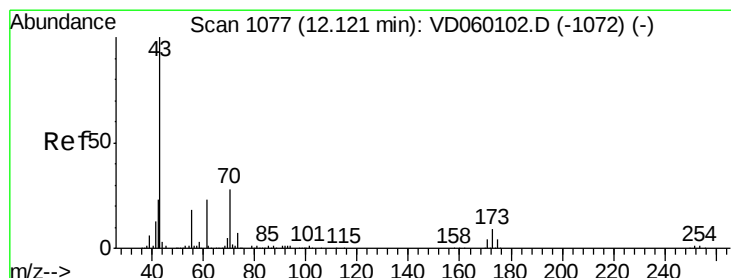
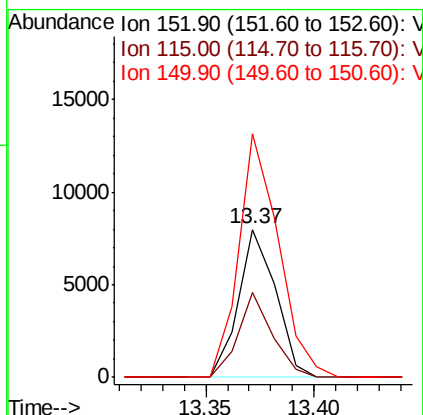
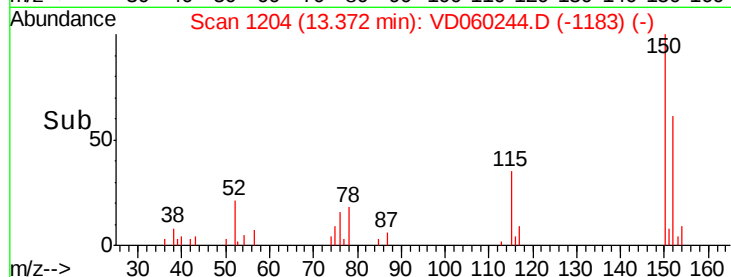
150 164.4 0.0 311.8



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-aryl acetate

Concen: 1.739 ug/l

RT: 12.14 min Scan# 1079

Delta R.T. 0.02 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Tgt Ion: 43 Resp: 401

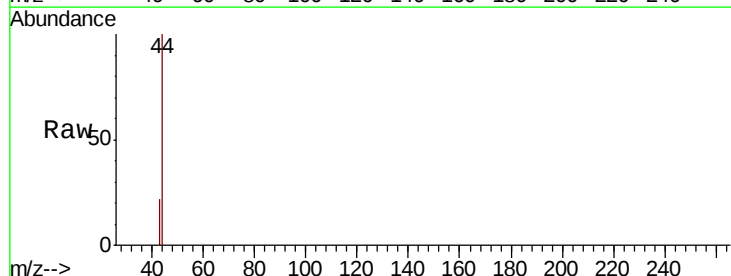
Ion Ratio Lower Upper

43 100

70 0.0 22.1 33.1#

55 0.0 14.1 21.1#

61 0.0 18.4 27.6#

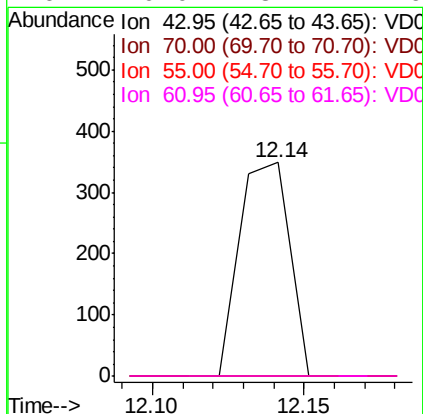
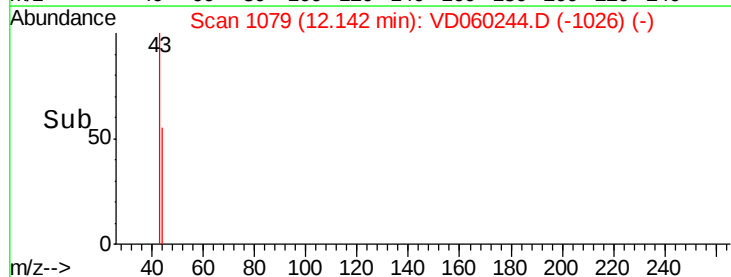


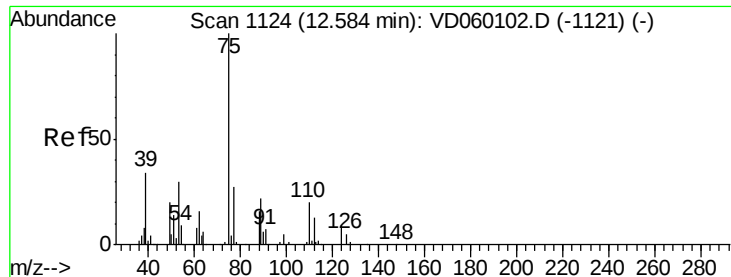
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#76

1,2,3-Trichloropropane

Concen: 1.339 ug/l

RT: 12.59 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

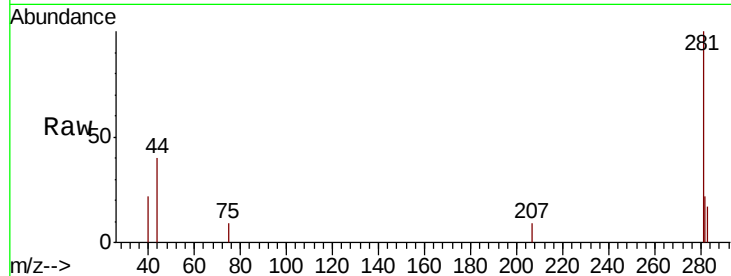
EG-DRUM

Tot Ion: 75 Resp: 184

Ion Ratio Lower Upper

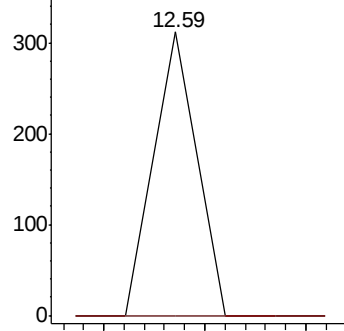
75 100

77 0.0 16.3 48.9#

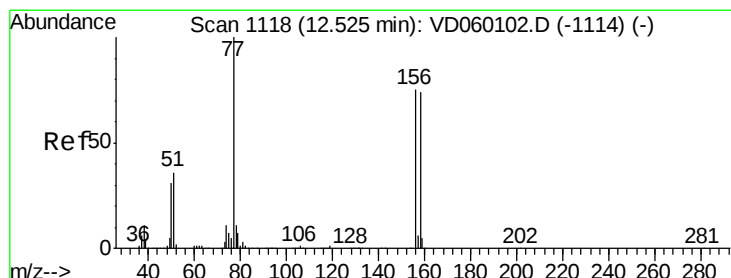
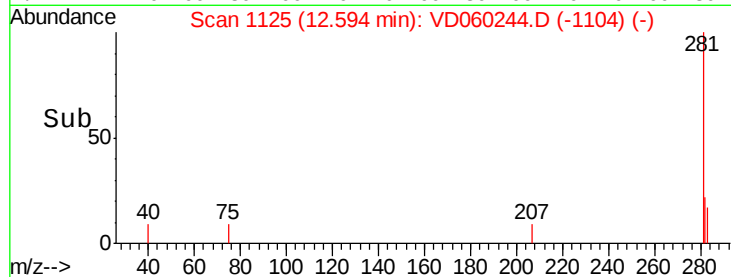


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



Time-->



#77

Bromobenzene

Concen: 3.836 ug/l

RT: 12.55 min Scan# 1120

Delta R.T. 0.02 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

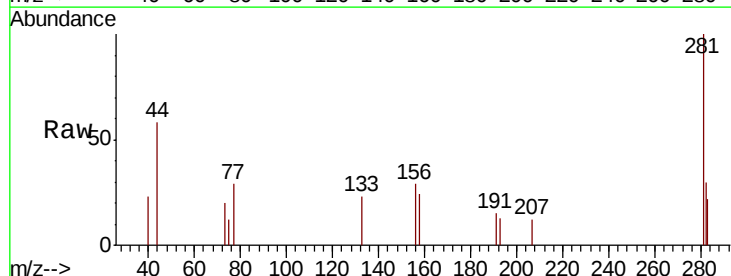
Tgt Ion: 156 Resp: 702

Ion Ratio Lower Upper

156 100

77 99.9 66.9 200.7

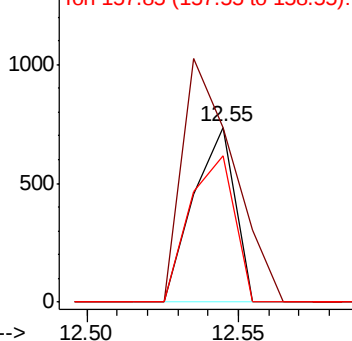
158 84.1 49.1 147.4



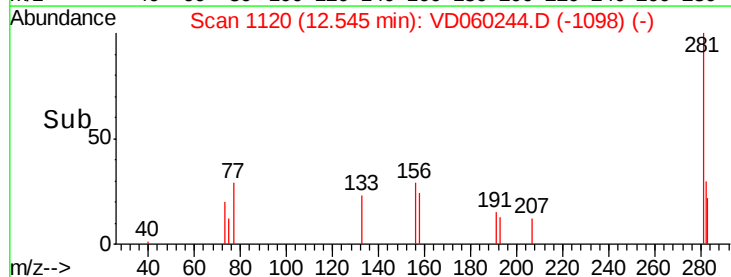
Abundance Ion 155.90 (155.60 to 156.60): V

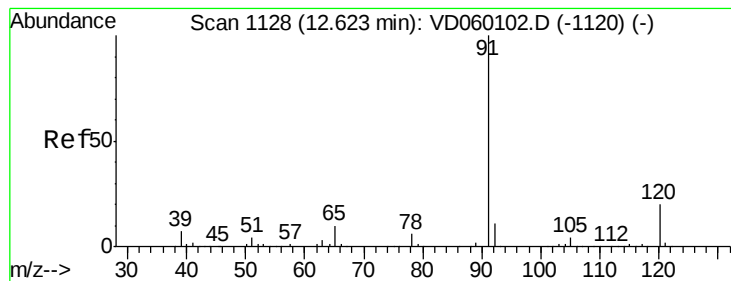
Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



Time-->





#78

n-propylbenzene

Concen: 1.454 ug/l

RT: 12.63 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

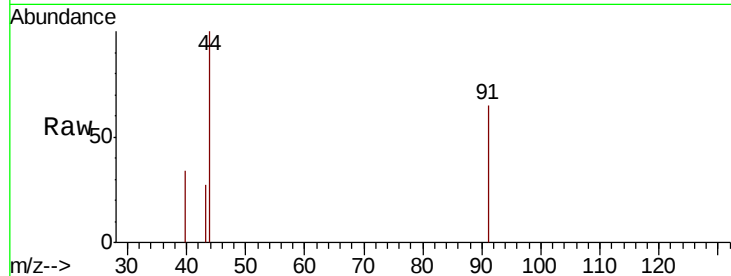
EG-DRUM

Tot Ion: 91 Resp: 1137

Ion Ratio Lower Upper

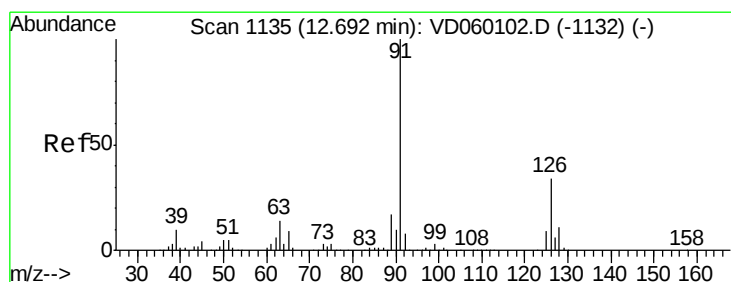
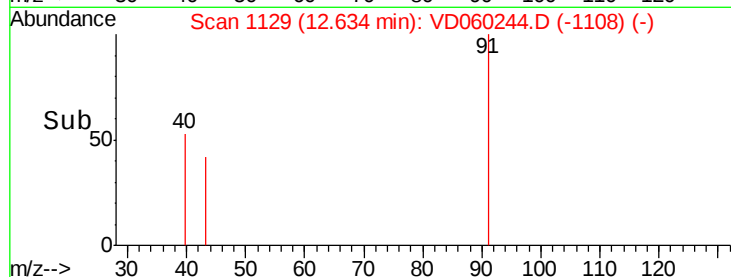
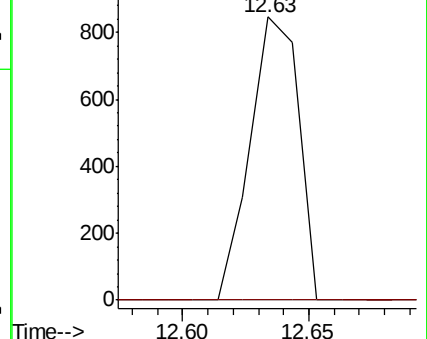
91 100

120 0.0 10.0 30.0#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC



#79

2-Chlorotoluene

Concen: 4.805 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.12 min

Lab File: VD060244.D

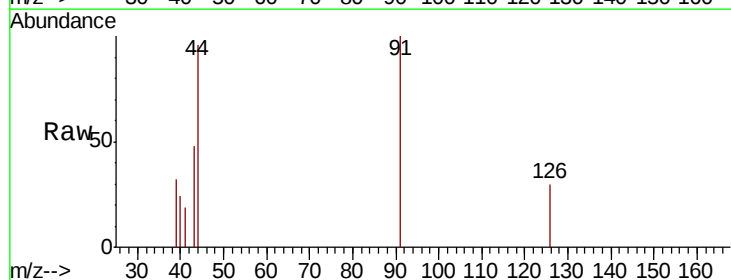
Acq: 31 Oct 2018 16:23

Tgt Ion: 91 Resp: 2085

Ion Ratio Lower Upper

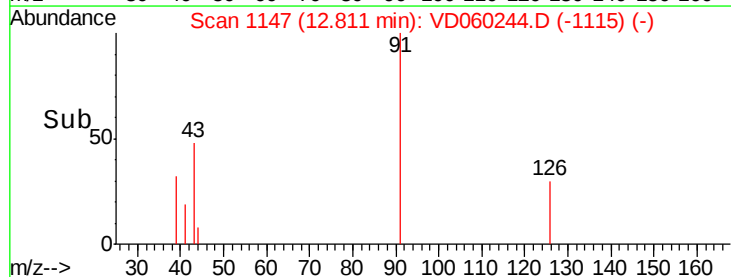
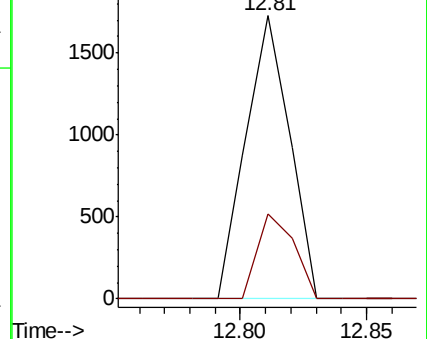
91 100

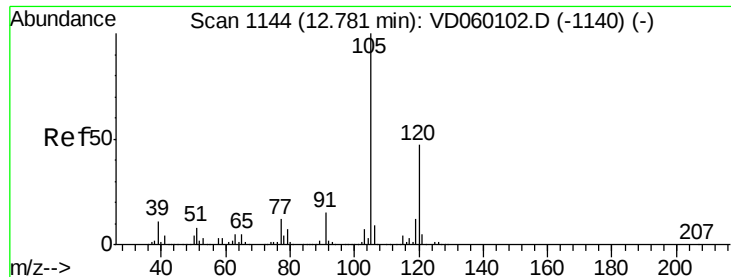
126 29.9 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): VDC





#80

1,3,5-Trimethylbenzene

Concen: 1.479 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

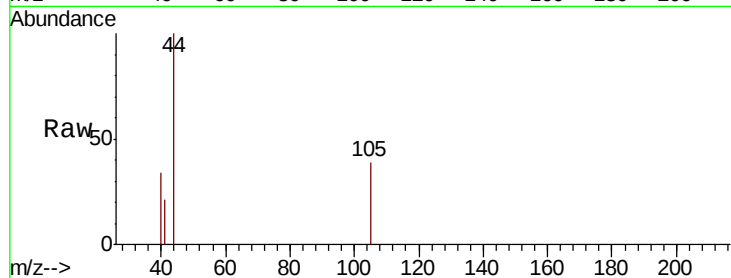
EG-DRUM

Tot Ion:105 Resp: 721

Ion Ratio Lower Upper

105 100

120 0.0 23.7 71.1#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.79

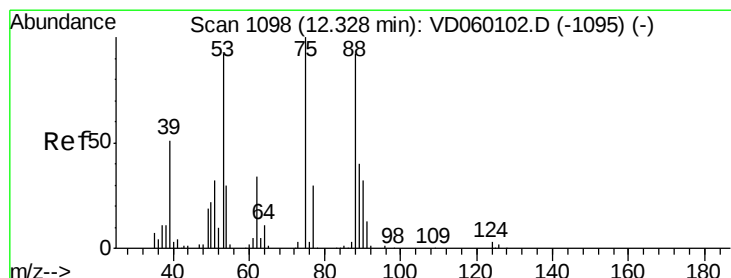
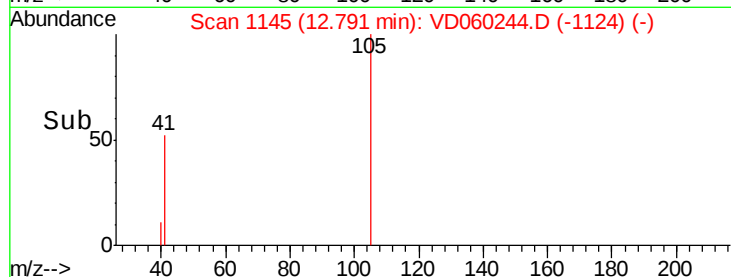
600

400

200

0

Time--> 12.75 12.80



#81

trans-1,4-Dichloro-2-butene

Concen: 164.999 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

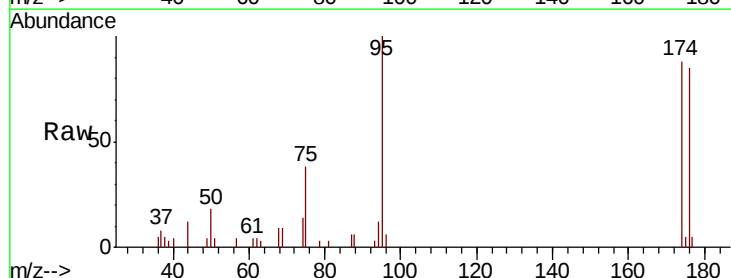
Tgt Ion: 75 Resp: 6373

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

12.43

6000

5000

4000

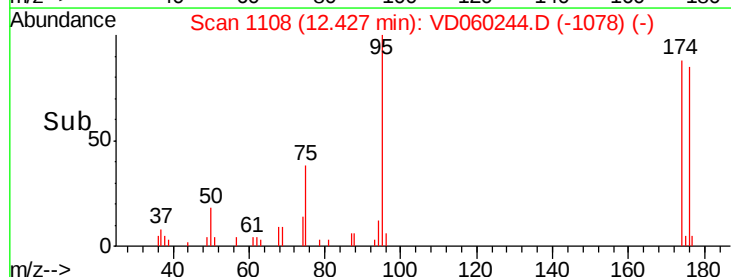
3000

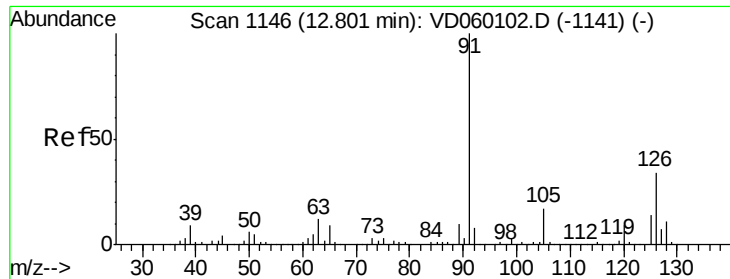
2000

1000

0

Time--> 12.35 12.40 12.45





#82

4-Chlorotoluene

Concen: 4.248 ug/l

RT: 12.81 min Scan# 1147

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

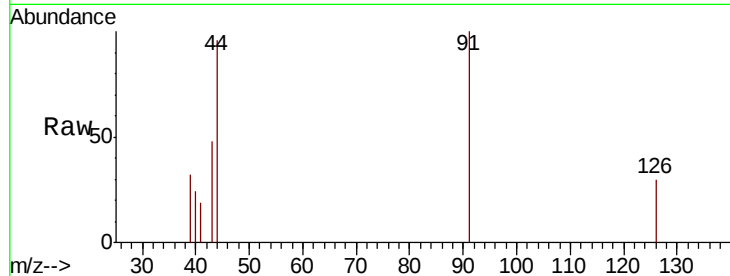
EG-DRUM

Tot Ion: 91 Resp: 2085

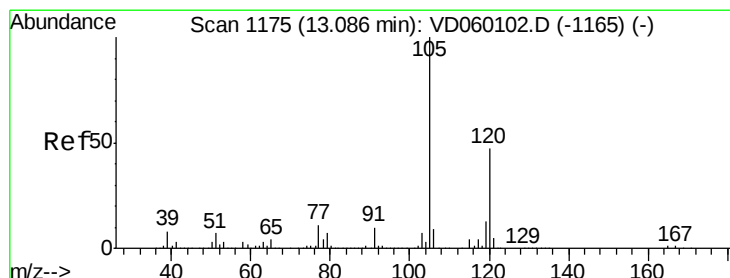
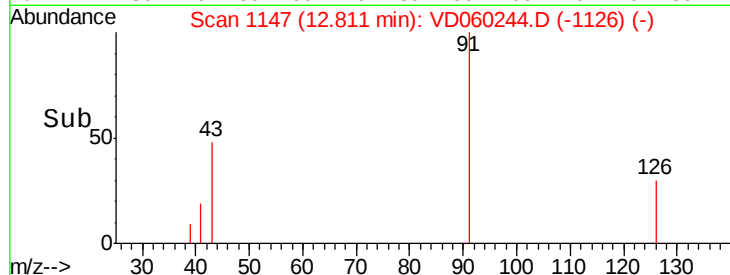
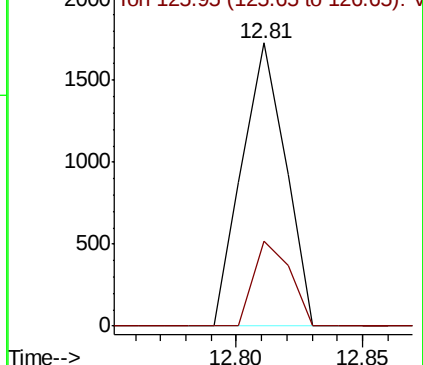
Ion Ratio Lower Upper

91 100

126 29.9 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VD060102.D (-1141) (-)



#84

1,2,4-Trimethylbenzene

Concen: 3.888 ug/l

RT: 13.10 min Scan# 1176

Delta R.T. 0.01 min

Lab File: VD060244.D

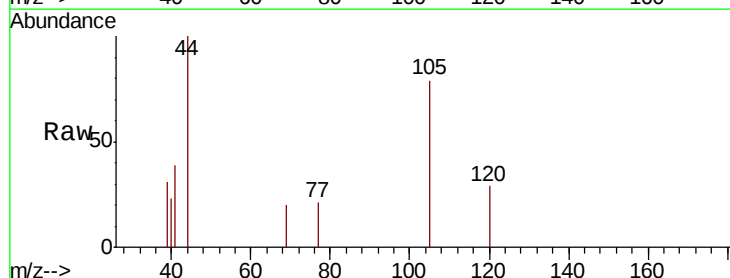
Acq: 31 Oct 2018 16:23

Tgt Ion: 105 Resp: 1997

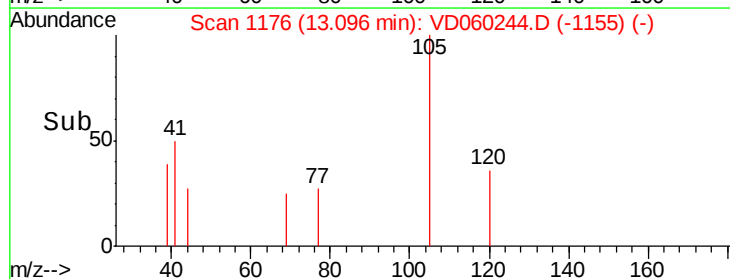
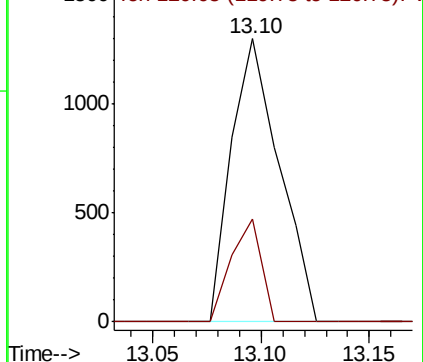
Ion Ratio Lower Upper

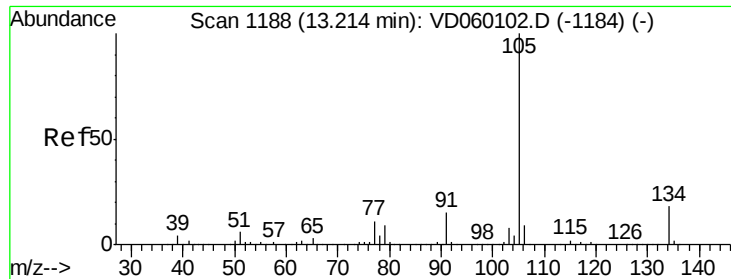
105 100

120 36.4 23.4 70.0



Abundance Ion 105.05 (104.75 to 105.75): VD060102.D (-1165) (-)

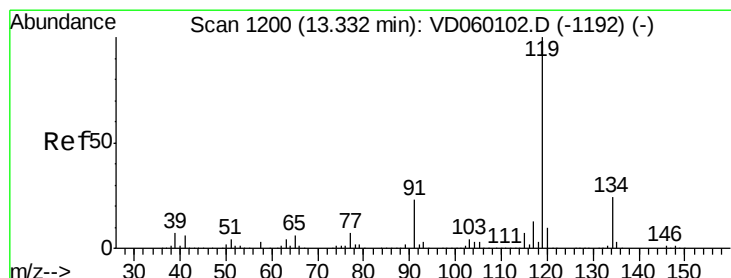
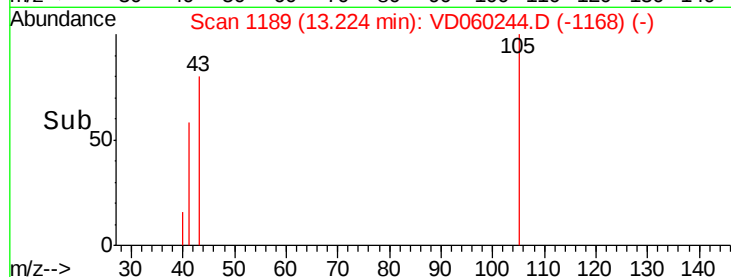
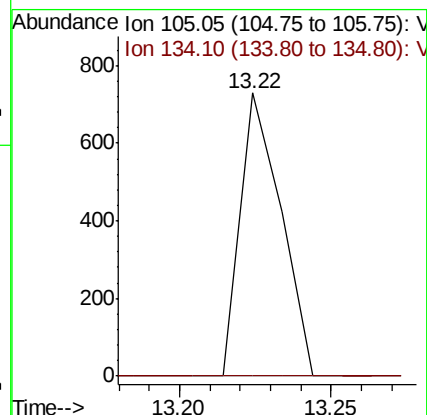
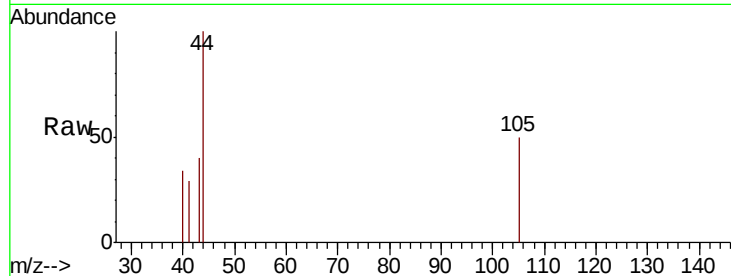




#85
 sec-Butylbenzene
 Concen: 1.028 ug/l
 RT: 13.22 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

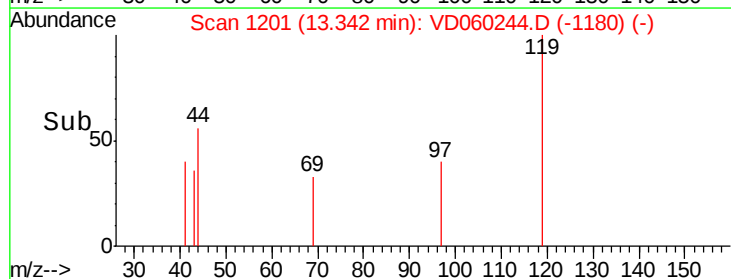
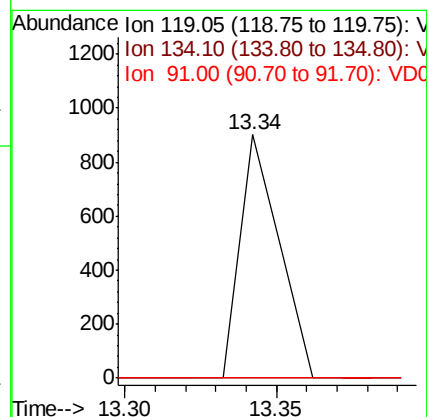
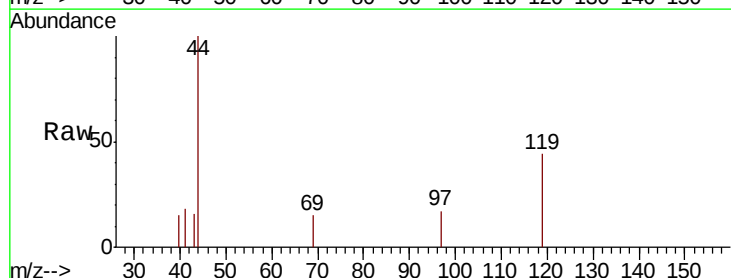
Instrument :
 MSVOA_D
 ClientSampleId :
 EG-DRUM

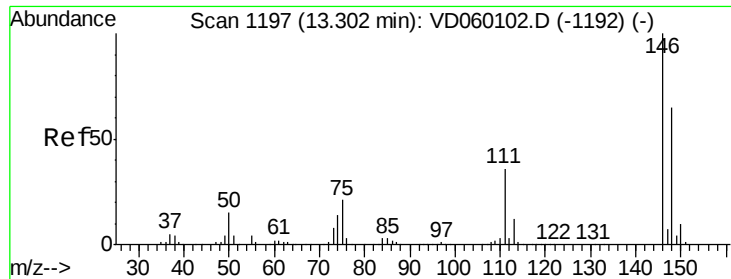
Tot Ion:105 Resp: 680
 Ion Ratio Lower Upper
 105 100
 134 0.0 8.8 26.2#



#86
 p-Isopropyltoluene
 Concen: 1.490 ug/l
 RT: 13.34 min Scan# 1201
 Delta R.T. 0.01 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Tgt Ion:119 Resp: 808
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.3 36.8#
 91 0.0 11.8 35.4#

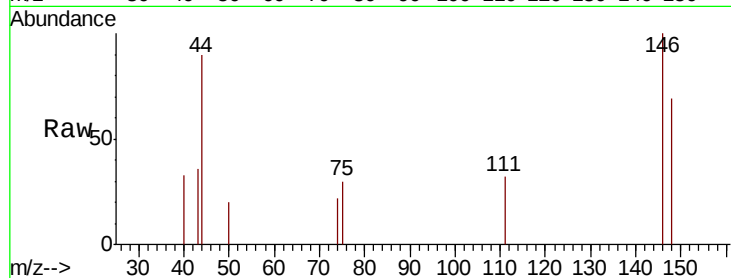




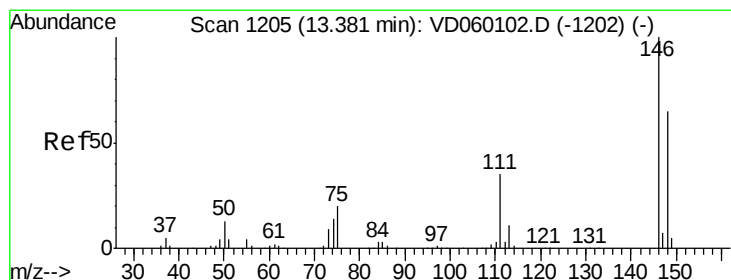
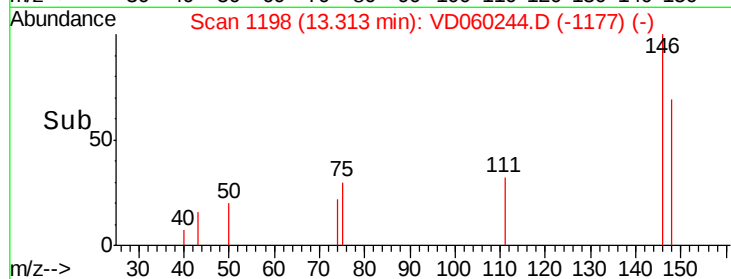
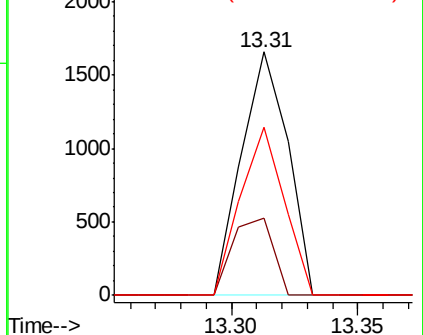
#87
 1,3-Dichlorobenzene
 Concen: 6.628 ug/l
 RT: 13.31 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Instrument :
 MSVOA_D
 ClientSampleId :
 EG-DRUM

Tot Ion:146 Resp: 2113
 Ion Ratio Lower Upper
 146 100
 111 31.7 18.1 54.3
 148 68.9 32.3 96.9

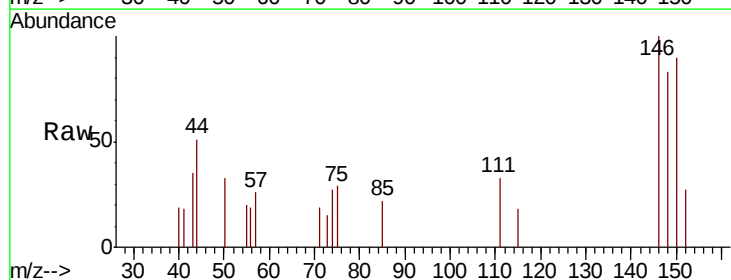


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

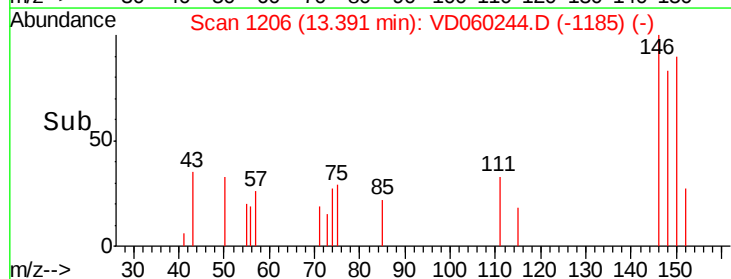
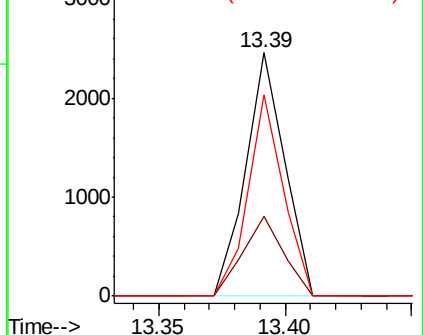


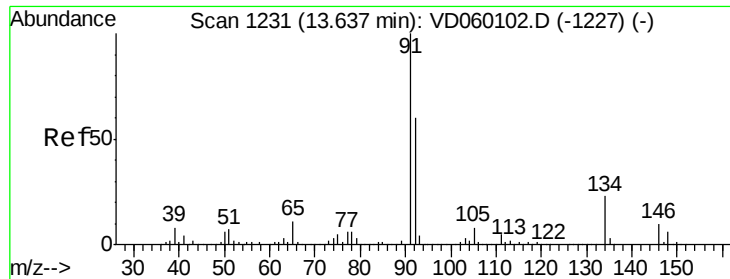
#88
 1,4-Dichlorobenzene
 Concen: 8.244 ug/l
 RT: 13.39 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Tgt Ion:146 Resp: 2640
 Ion Ratio Lower Upper
 146 100
 111 32.6 17.8 53.3
 148 82.5 32.4 97.2



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

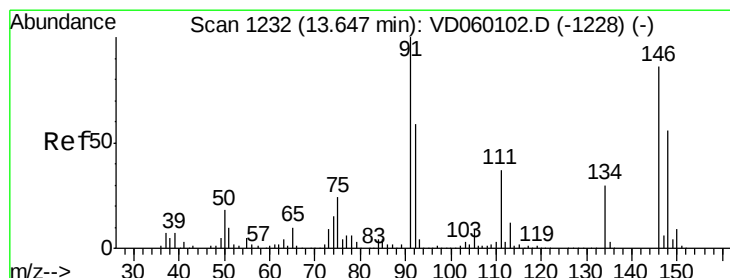
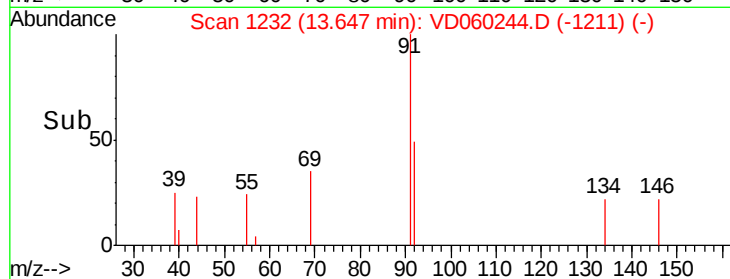
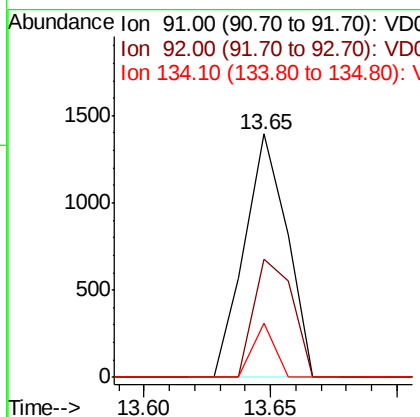
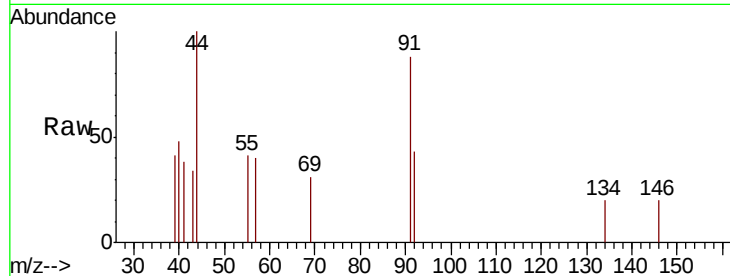




#89
n-Butylbenzene
Concen: 3.103 ug/l
RT: 13.65 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

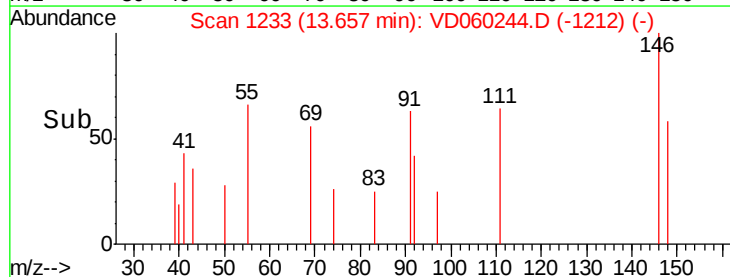
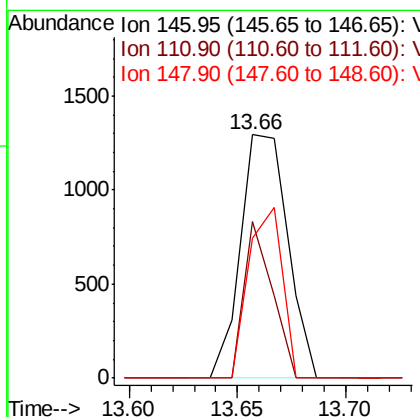
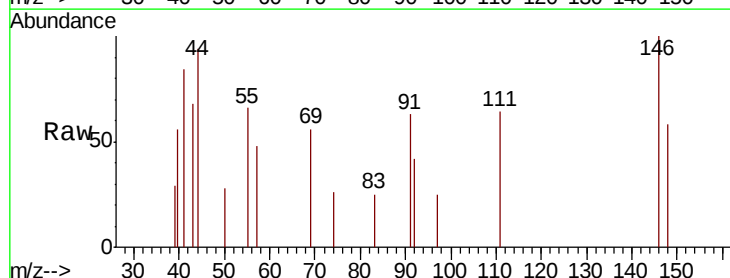
Instrument :
MSVOA_D
ClientSampleId :
EG-DRUM

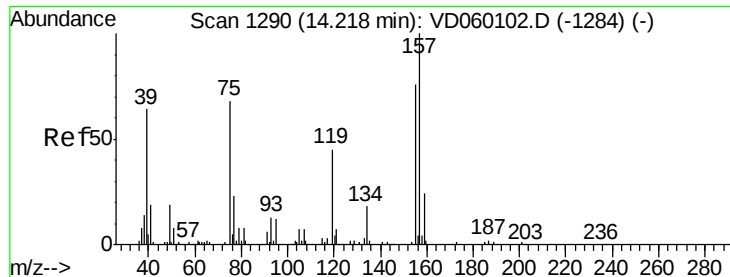
Tot Ion: 91 Resp: 1642
Ion Ratio Lower Upper
91 100
92 48.7 30.1 90.3
134 22.4 11.6 34.7



#91
1,2-Dichlorobenzene
Concen: 7.304 ug/l
RT: 13.66 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD060244.D
Acq: 31 Oct 2018 16:23

Tgt Ion: 146 Resp: 1958
Ion Ratio Lower Upper
146 100
111 64.5 21.4 64.3#
148 57.6 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 34.104 ug/l

RT: 14.23 min Scan# 1291

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

EG-DRUM

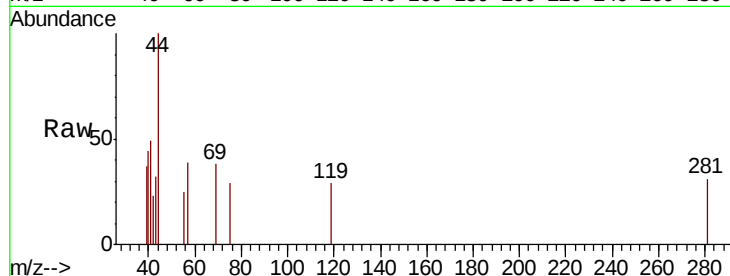
Tot Ion: 75 Resp: 626

Ion Ratio Lower Upper

75 100

155 0.0 55.9 167.7#

157 0.0 73.3 219.8#



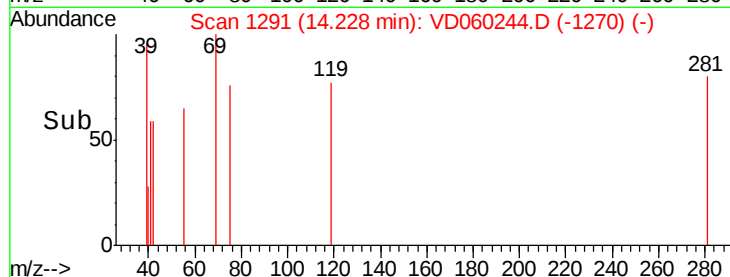
Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

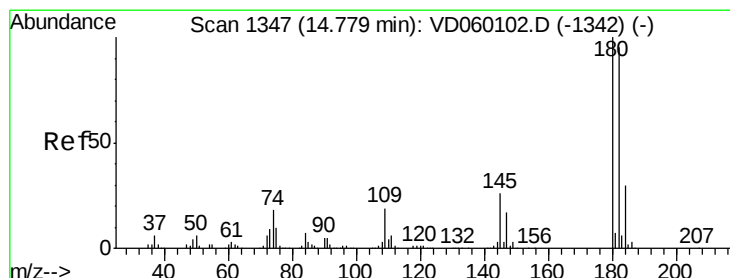
Ion 156.85 (156.55 to 157.55): V

14.23

14.20 14.25



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 15.967 ug/l

RT: 14.79 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

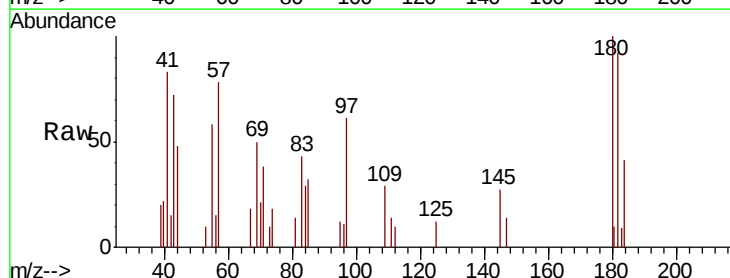
Tgt Ion: 180 Resp: 3633

Ion Ratio Lower Upper

180 100

182 92.2 47.3 141.8

145 27.3 13.0 38.9



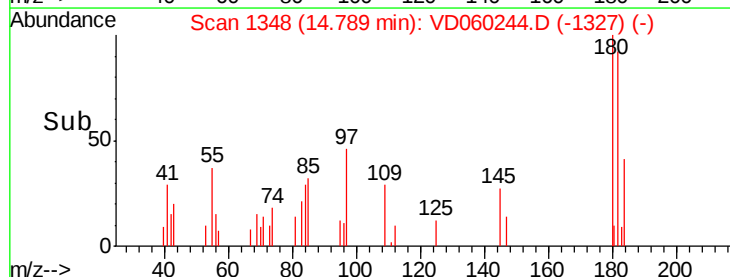
Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

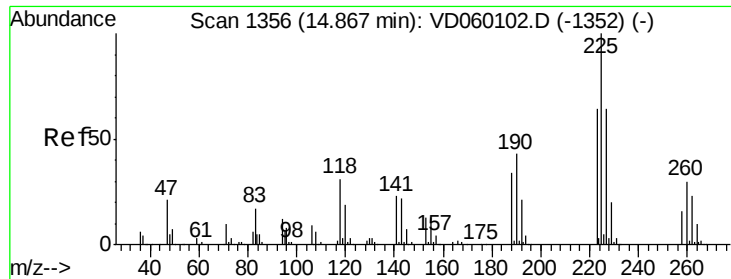
Ion 144.95 (144.65 to 145.65): V

14.79

14.75 14.80



Time-->



#94

Hexachlorobutadiene

Concen: 3.035 ug/l

RT: 14.88 min Scan# 1357

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

Instrument :

MSVOA_D

ClientSampleId :

EG-DRUM

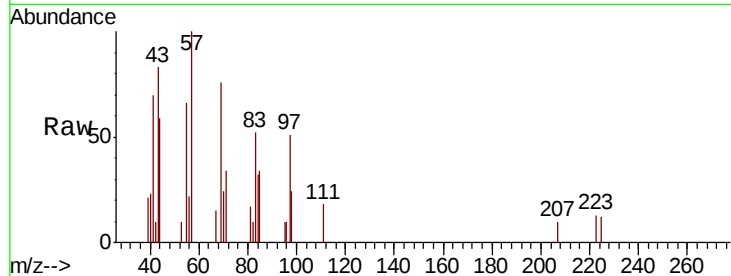
Tot Ion:225 Resp: 459

Ion Ratio Lower Upper

225 100

223 106.0 31.8 95.4#

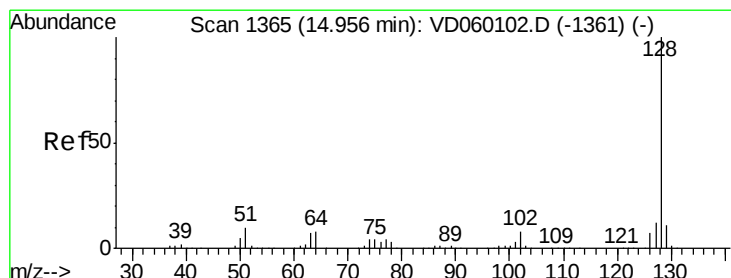
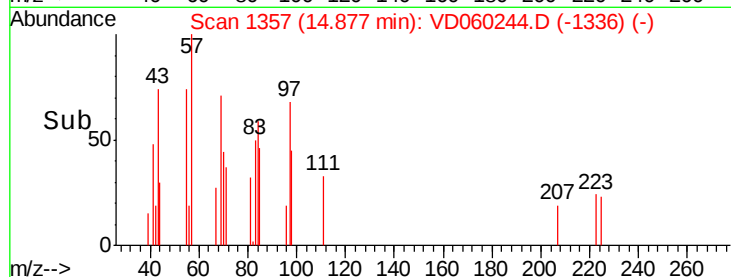
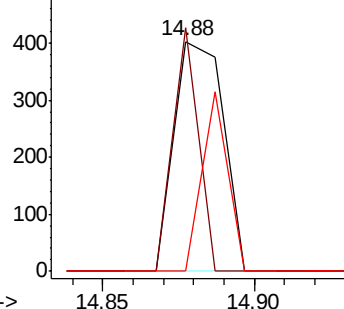
227 0.0 32.0 96.0#



Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V



#95

Naphthalene

Concen: 55.700 ug/l

RT: 14.97 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VD060244.D

Acq: 31 Oct 2018 16:23

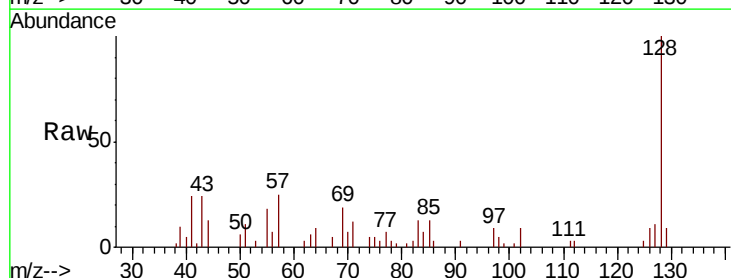
Tgt Ion:128 Resp: 18786

Ion Ratio Lower Upper

128 100

127 11.3 9.9 14.9

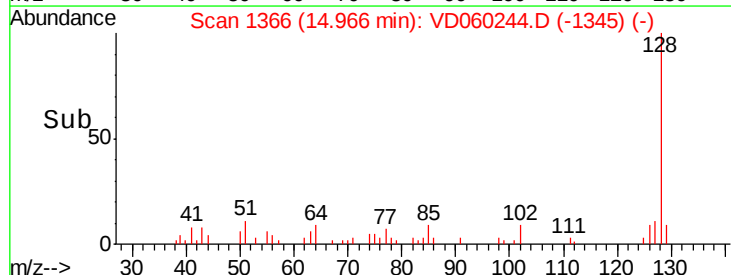
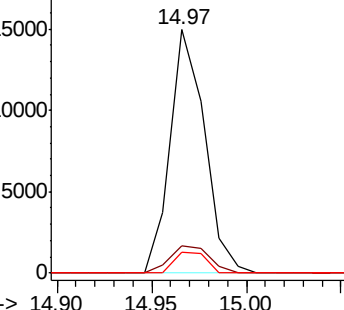
129 8.8 8.8 13.2#

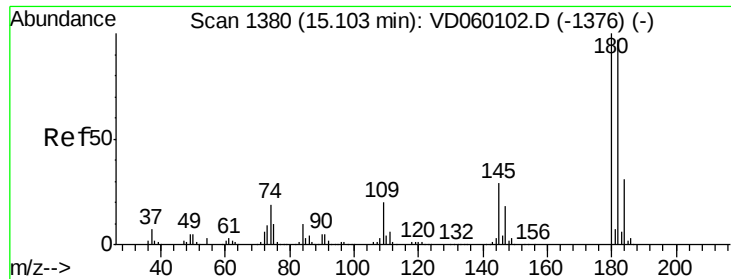


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

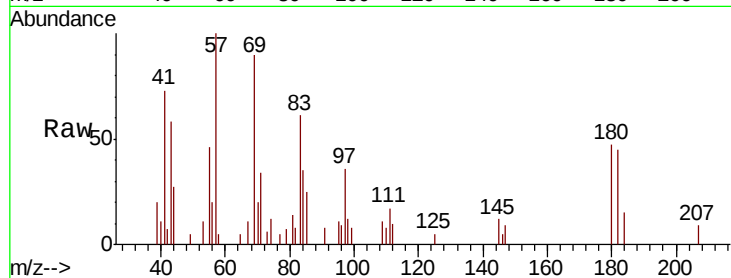




#96
 1,2,3-Trichlorobenzene
 Concen: 18.562 ug/l
 RT: 15.11 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: VD060244.D
 Acq: 31 Oct 2018 16:23

Instrument :
 MSVOA_D
 ClientSampleId :
 EG-DRUM

Tot Ion:180 Resp: 3674
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.4 145.0
 145 25.4 14.5 43.6



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

