

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031919\
 Data File : VD061184.D
 Acq On : 19 Mar 2019 14:49
 Operator : VA/AP
 Sample : k1970-09
 Misc : 7.16g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-9-W.WALL-N.CENTER

Quant Time: Mar 19 16:03:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	596328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1115353	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	652204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	169391	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	235698	47.48	ug/l	-0.01
Spiked Amount			Recovery	=	94.96%	
35) Dibromofluoromethane	6.91	113	398841	48.18	ug/l	-0.01
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	10.41	98	994751	47.86	ug/l	0.00
Spiked Amount			Recovery	=	95.72%	
62) 4-Bromofluorobenzene	13.55	95	345228	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.99	59	5253	16.623	ug/l #	75
13) Acrolein	3.18	56	2107	4.608	ug/l #	62
15) Acrylonitrile	4.21	53	4302	3.852	ug/l #	24
16) Acetone	3.20	43	74616	52.568	ug/l	99
20) Methylene Chloride	3.80	84	54145	4.083	ug/l	95
25) 2-Butanone	6.04	43	15911	9.879	ug/l #	77
31) Cyclohexane	6.95	56	442680	50.399	ug/l #	83
36) 1,1-Dichloropropene	7.03	75	44179	4.595	ug/l #	47
37) Ethyl Acetate	6.11	43	6098	1.352	ug/l #	16
38) Carbon Tetrachloride	7.04	117	55758	5.265	ug/l #	15
39) Methylcyclohexane	8.86	83	2297071	230.418	ug/l	96
43) Isopropyl Acetate	9.26	43	207168	33.154	ug/l #	43
45) 1,2-Dichloropropane	8.86	63	21382	3.388	ug/l #	1
48) Methyl methacrylate	9.15	41	227421	64.640	ug/l #	57
51) 4-Methyl-2-Pentanone	10.39	43	214141	55.939	ug/l #	46
55) 1,1,2-Trichloroethane	11.24	97	78171	15.713	ug/l #	30
56) Ethyl methacrylate	11.09	69	292506	56.172	ug/l #	1
59) 2-Hexanone	11.49	43	2394426	855.073	ug/l #	30
67) Ethyl Benzene	12.52	91	1026904	53.948	ug/l	99
68) m/p-Xylenes	12.68	106	259514	34.735	ug/l	94
69) o-Xylene	13.04	106	57099	7.775	ug/l	74
73) Isopropylbenzene	13.41	105	2138666	175.191	ug/l	99
74) N-amyl acetate	13.25	43	2239955	651.644	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	13.73	83	757596	318.079	ug/l #	54
76) 1,2,3-Trichloropropane	13.56	75	36582	15.011	ug/l	77
78) n-propylbenzene	13.78	91	4936696	345.430	ug/l	95
79) 2-Chlorotoluene	13.78	91	4936696	627.437	ug/l #	38
80) 1,3,5-Trimethylbenzene	14.24	105	2772535	299.164	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.41	75	26672	37.123	ug/l #	1
82) 4-Chlorotoluene	13.89	91	304737	32.762	ug/l #	41
83) tert-Butylbenzene	14.20	119	134370	13.248	ug/l	80
84) 1,2,4-Trimethylbenzene	14.24	105	2772535	299.164	ug/l	97
85) sec-Butylbenzene	14.37	105	2928964	236.554	ug/l	99
86) p-Isopropyltoluene	14.50	119	1525085	150.687	ug/l	98

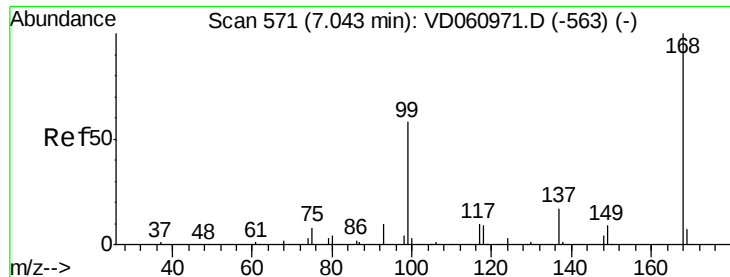
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031919\
Data File : VD061184.D
Acq On : 19 Mar 2019 14:49
Operator : VA/AP
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.80	91	1636844	168.412	ug/l #	87
90) Hexachloroethane	14.97	117	149724	52.390	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	15.38	75	1969	6.860	ug/l #	1
95) Naphthalene	16.11	128	8837	2.702	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

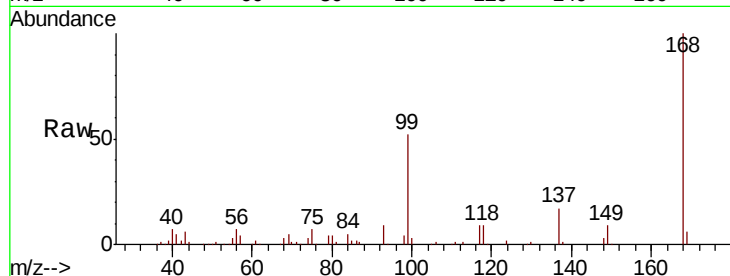
P-9-W.WALL-N.CENTER

Tgt Ion: 168 Resp: 596328

Ion Ratio Lower Upper

168 100

99 52.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

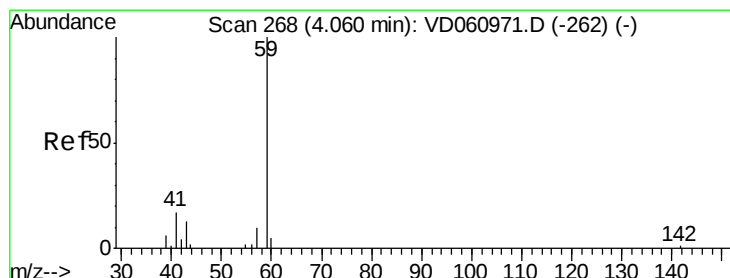
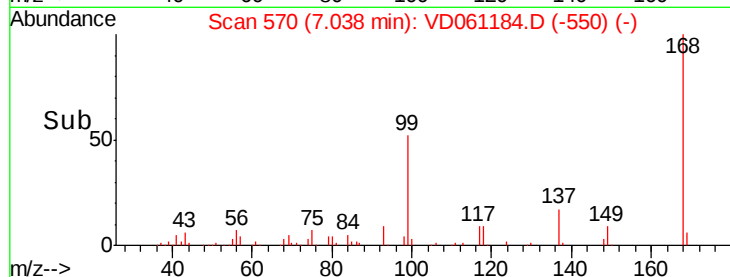
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#11

Tert butyl alcohol

Concen: 16.623 ug/l

RT: 3.99 min Scan# 260

Delta R.T. -0.07 min

Lab File: VD061184.D

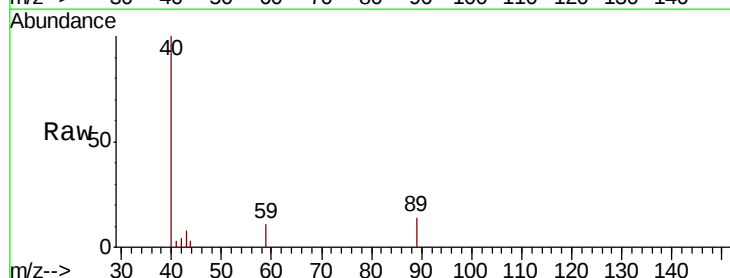
Acq: 19 Mar 2019 14:49

Tgt Ion: 59 Resp: 5253

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

3.99

1500

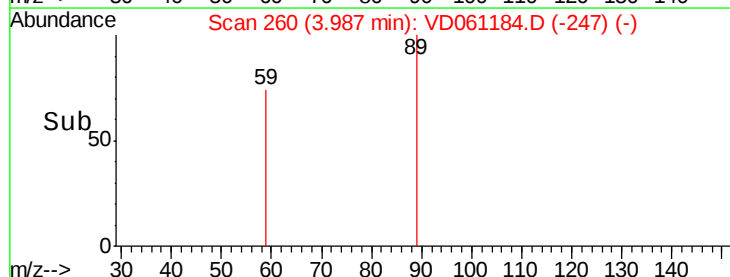
1000

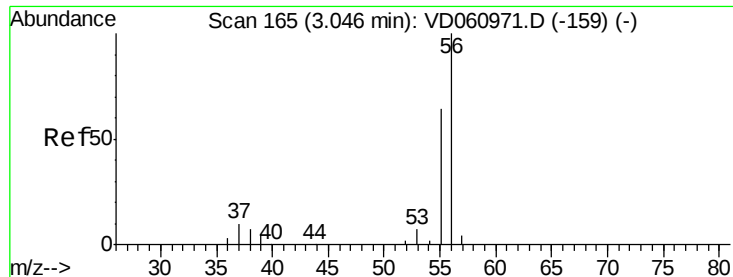
500

0

3.90 3.95 4.00 4.05

Time-->





#13

Acrolein

Concen: 4.608 ug/l

RT: 3.18 min Scan# 178

Delta R.T. 0.13 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

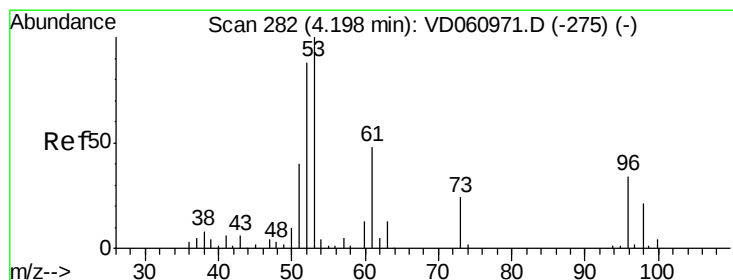
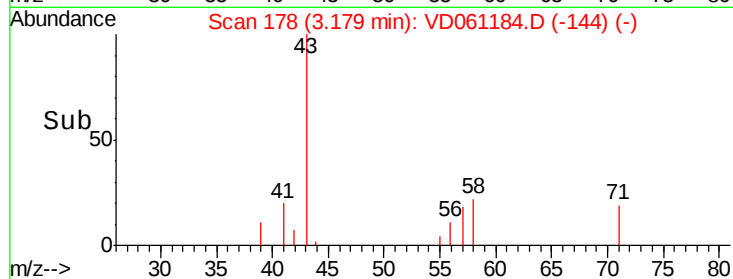
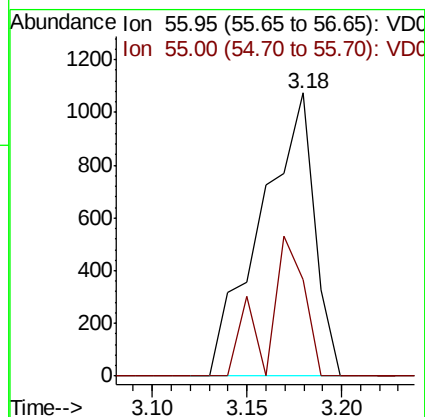
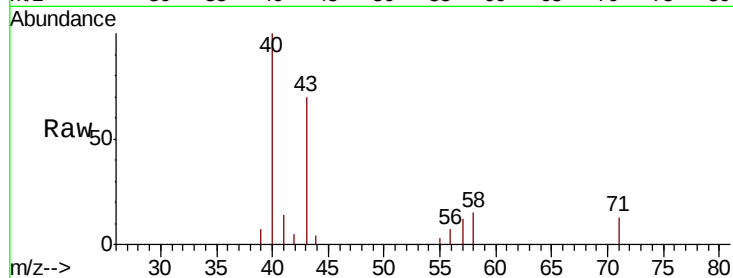
P-9-W.WALL-N.CENTER

Tgt Ion: 56 Resp: 2107

Ion Ratio Lower Upper

56 100

55 34.0 51.3 76.9#



#15

Acrylonitrile

Concen: 3.852 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.02 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

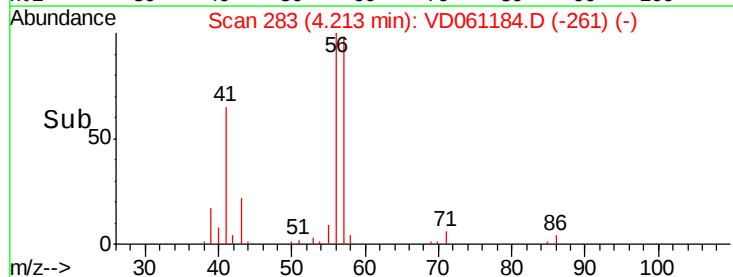
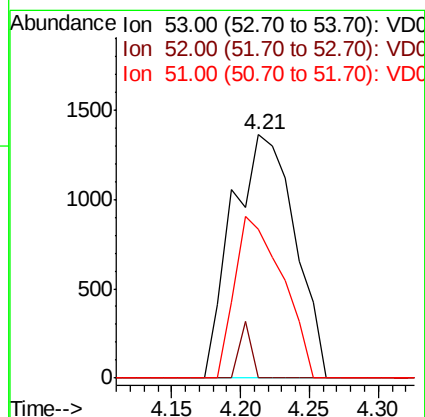
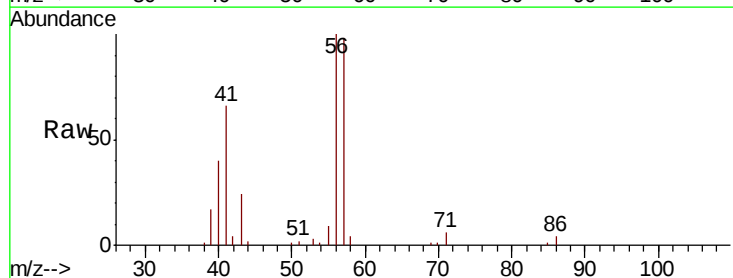
Tgt Ion: 53 Resp: 4302

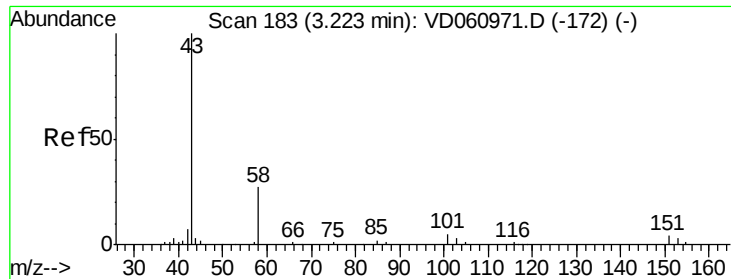
Ion Ratio Lower Upper

53 100

52 0.0 70.2 105.4#

51 61.3 31.7 47.5#





#16

Acetone

Concen: 52.568 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

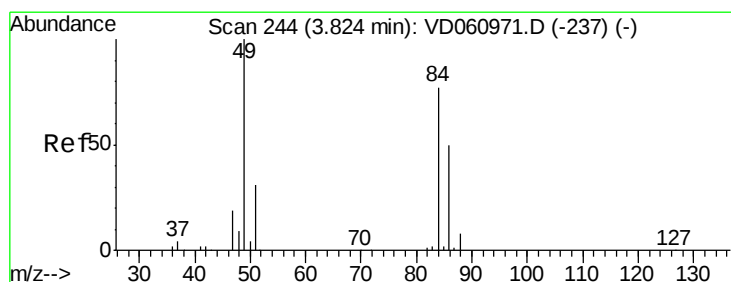
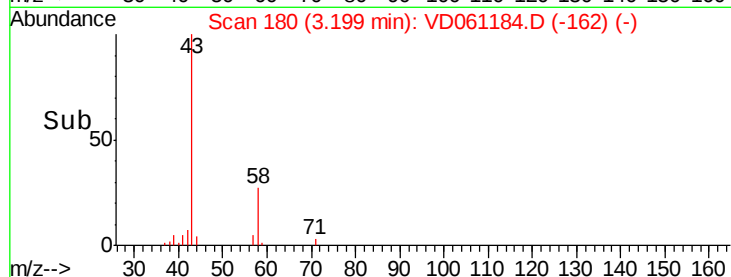
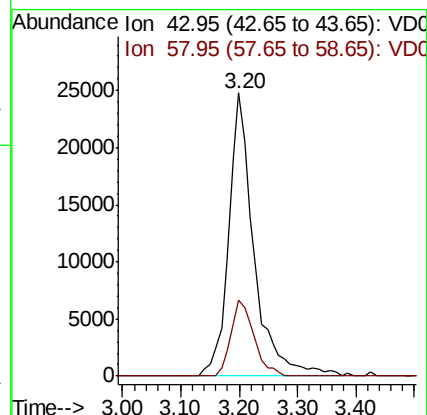
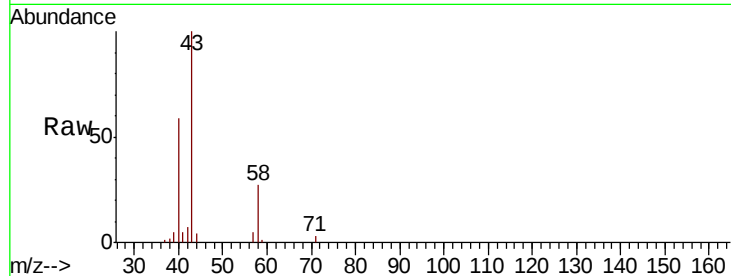
P-9-W.WALL-N.CENTER

Tgt Ion: 43 Resp: 74616

Ion Ratio Lower Upper

43 100

58 26.7 21.6 32.4



#20

Methylene Chloride

Concen: 4.083 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.02 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Tgt Ion: 84 Resp: 54145

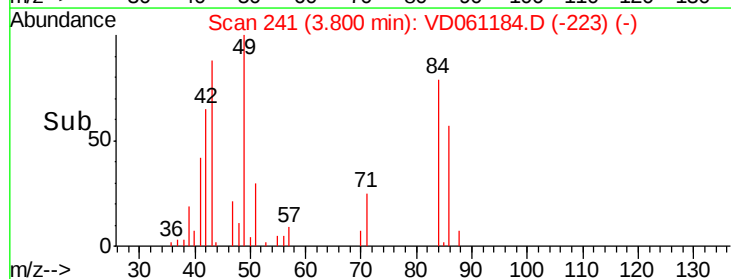
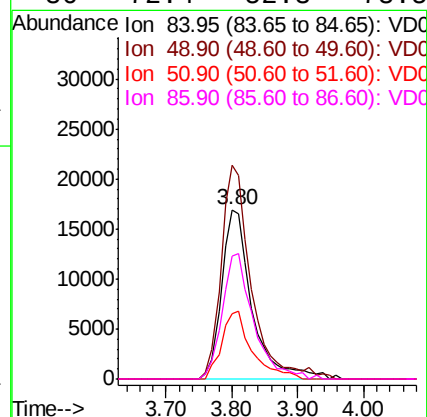
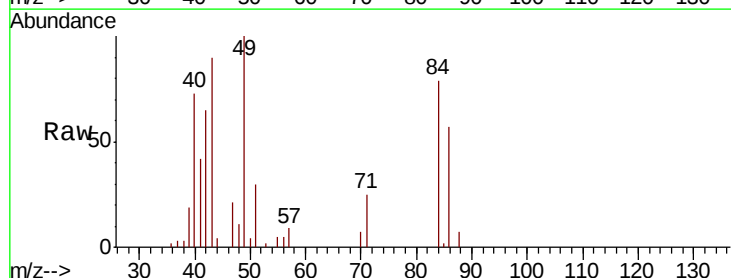
Ion Ratio Lower Upper

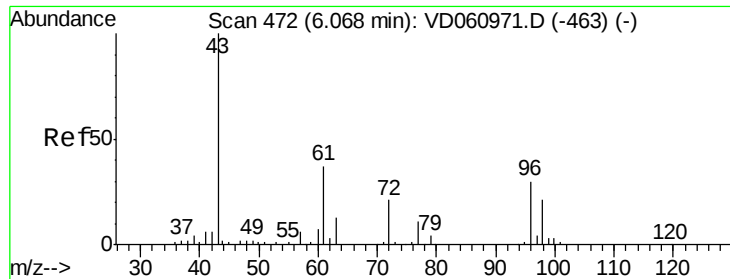
84 100

49 126.2 104.2 156.2

51 38.3 32.3 48.5

86 72.4 52.3 78.5





#25

2-Butanone

Concen: 9.879 ug/l

RT: 6.04 min Scan# 469

Delta R.T. -0.02 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

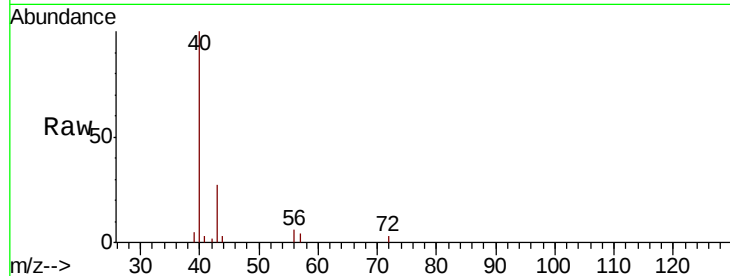
P-9-W.WALL-N.CENTER

Tgt Ion: 43 Resp: 15911

Ion Ratio Lower Upper

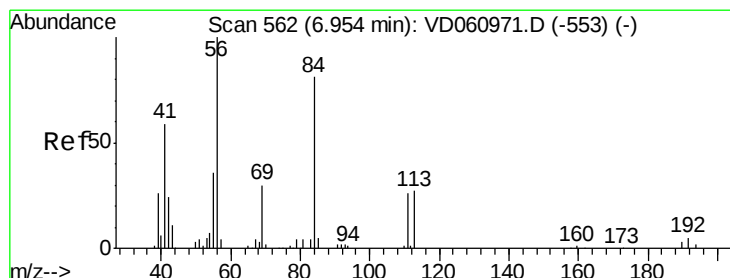
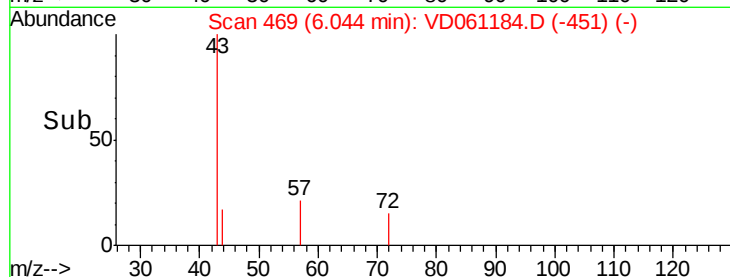
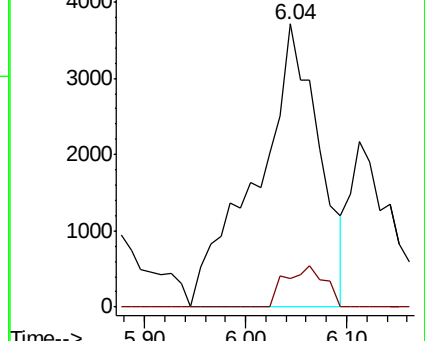
43 100

72 10.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 50.399 ug/l

RT: 6.95 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

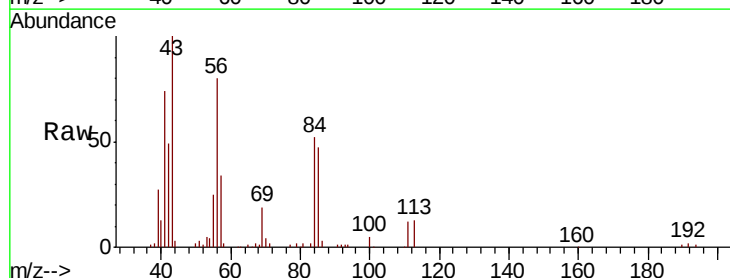
Tgt Ion: 56 Resp: 442680

Ion Ratio Lower Upper

56 100

69 23.5 24.0 36.0#

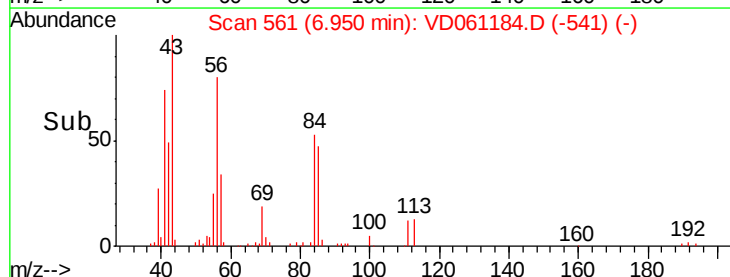
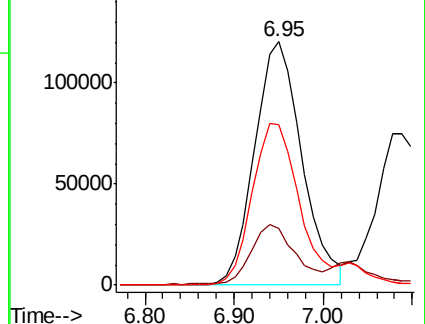
84 65.9 65.8 98.6

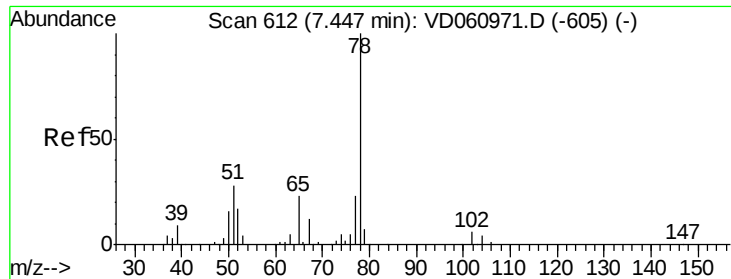


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

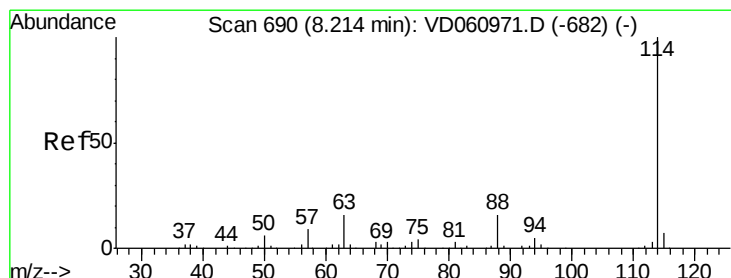
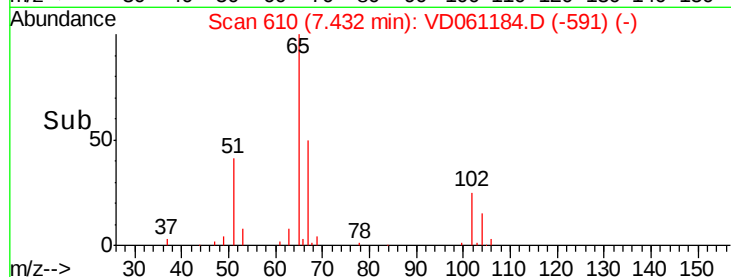
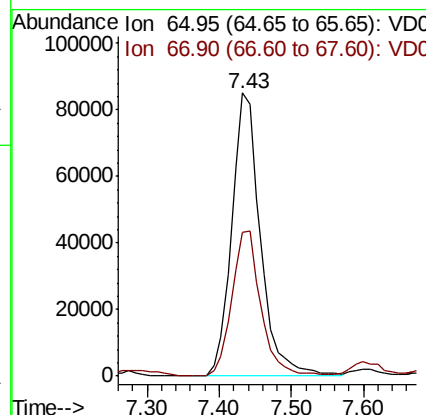
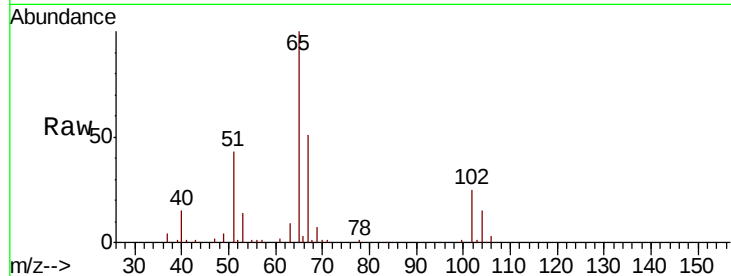




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

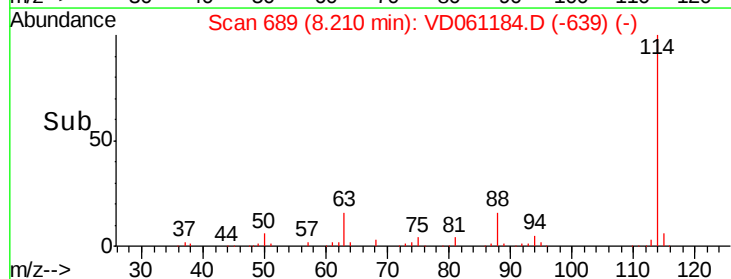
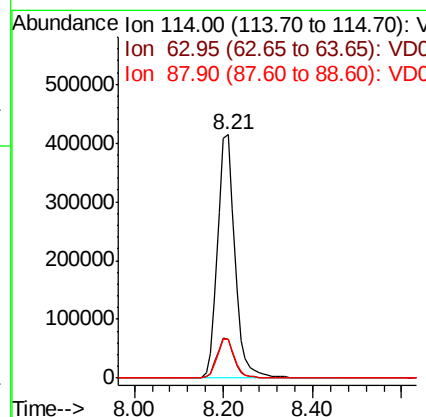
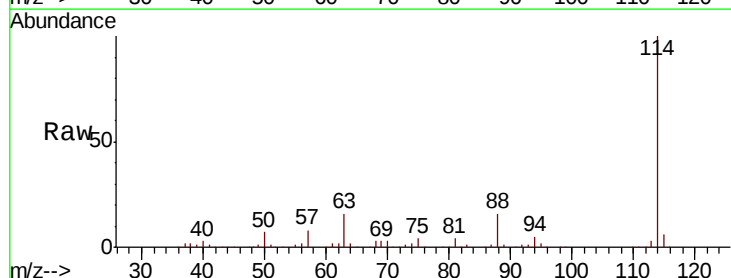
Instrument :
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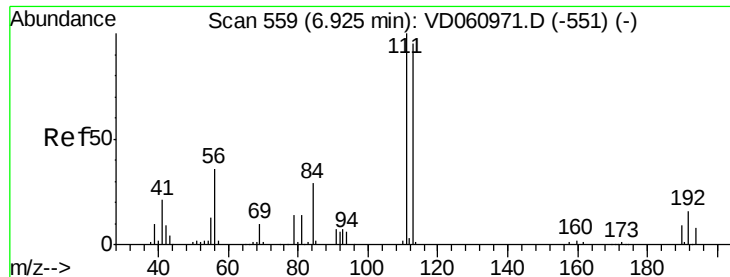
Tgt Ion: 65 Resp: 235698
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

Tgt Ion: 114 Resp: 1115353
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

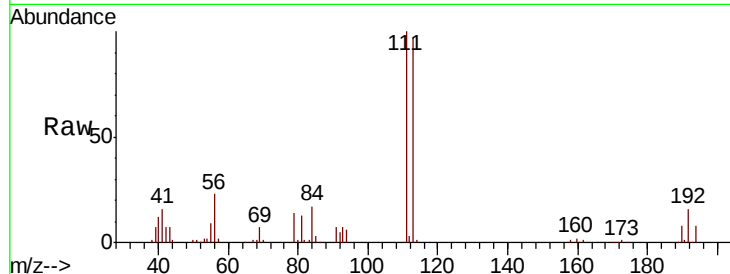
Tgt Ion:113 Resp: 398841

Ion Ratio Lower Upper

113 100

111 102.8 84.2 126.4

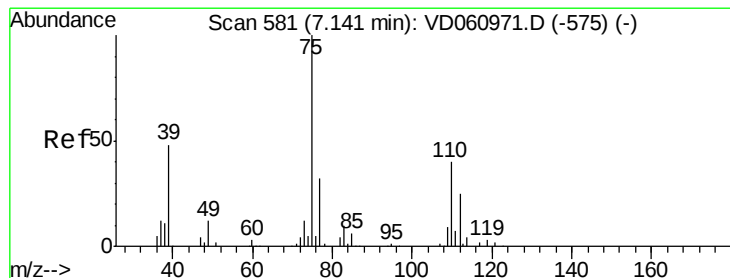
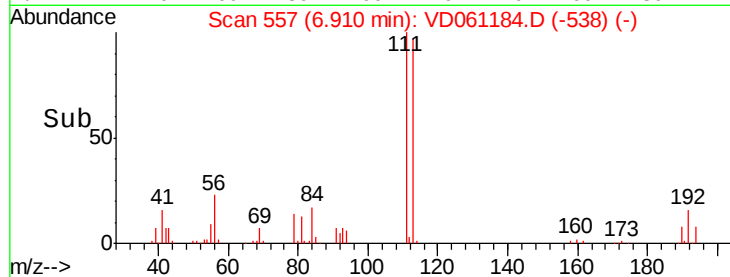
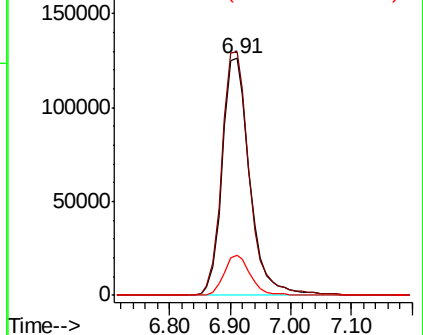
192 17.0 13.1 19.7



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: 4.595 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.11 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

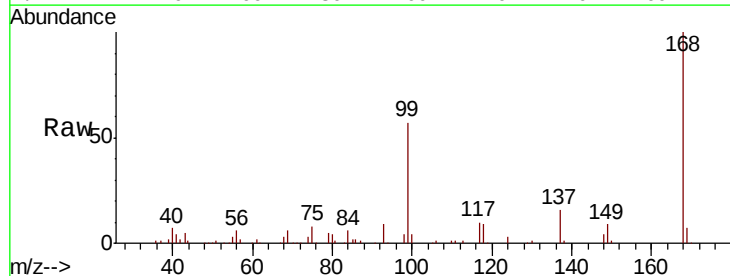
Tgt Ion: 75 Resp: 44179

Ion Ratio Lower Upper

75 100

110 8.9 19.7 59.1#

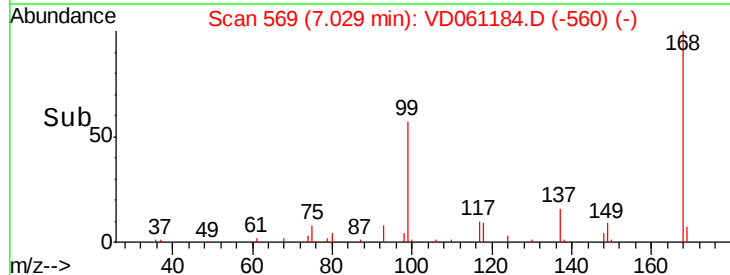
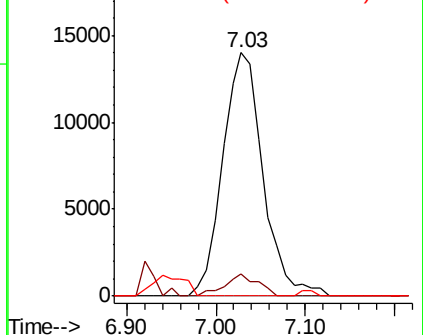
77 0.0 24.7 37.1#

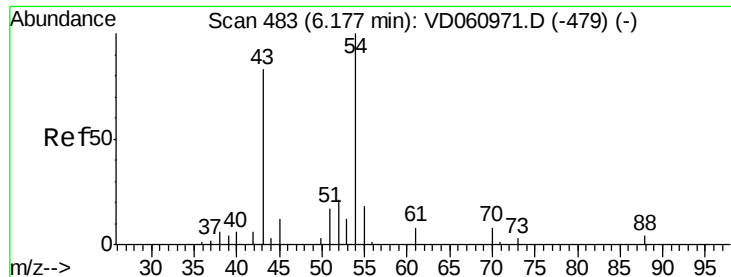


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

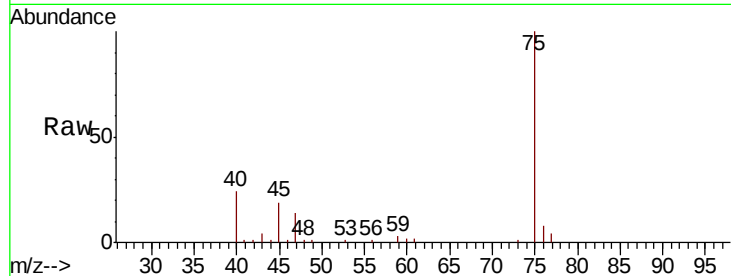




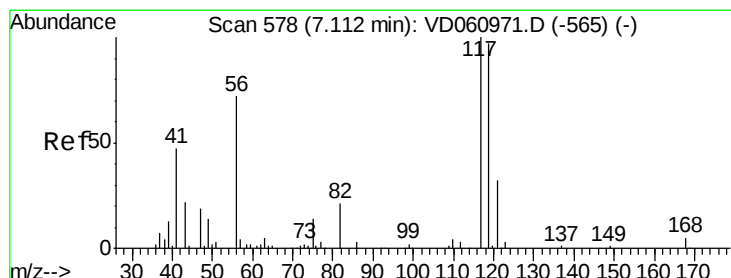
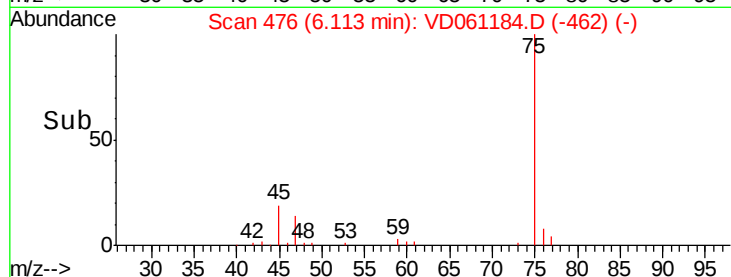
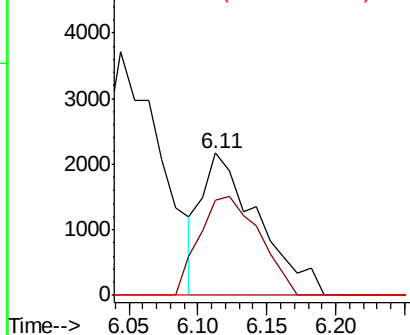
#37
Ethyl Acetate
Concen: 1.352 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.06 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

Tgt Ion: 43 Resp: 6098
Ion Ratio Lower Upper
43 100
61 67.0 13.7 20.5#
70 0.0 7.1 10.7#

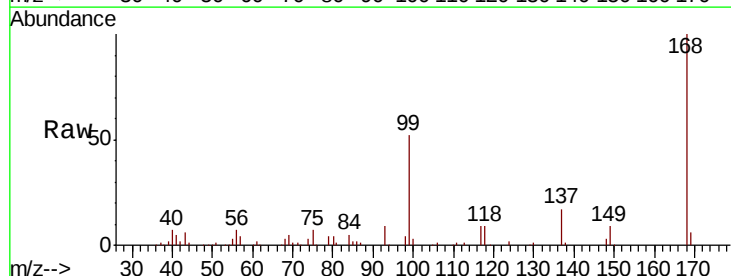


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

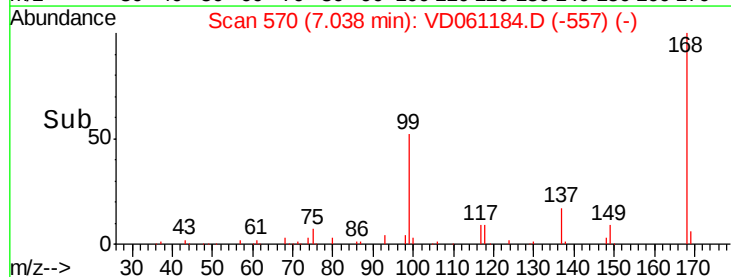
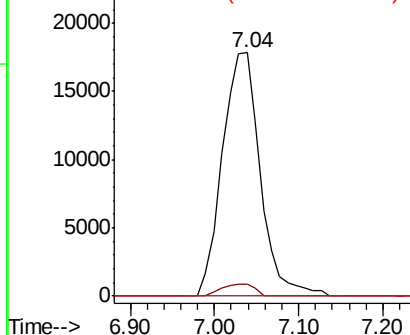


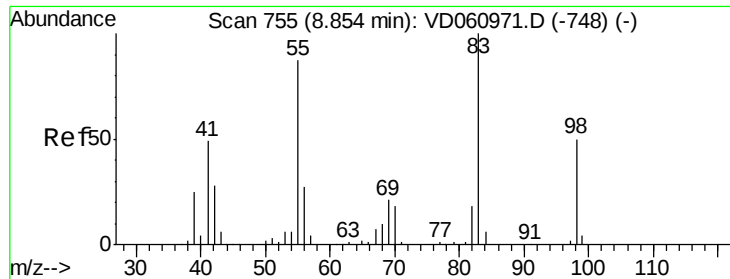
#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.07 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 117 Resp: 55758
Ion Ratio Lower Upper
117 100
119 5.1 77.8 116.8#
121 0.0 25.3 37.9#



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

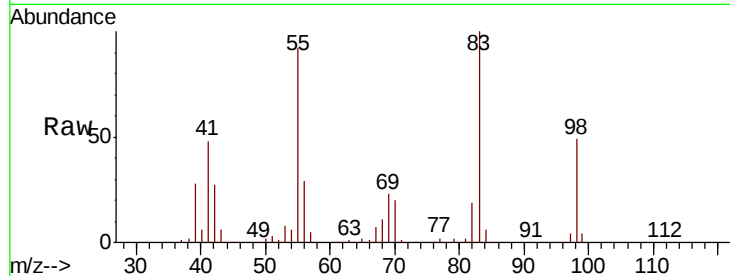




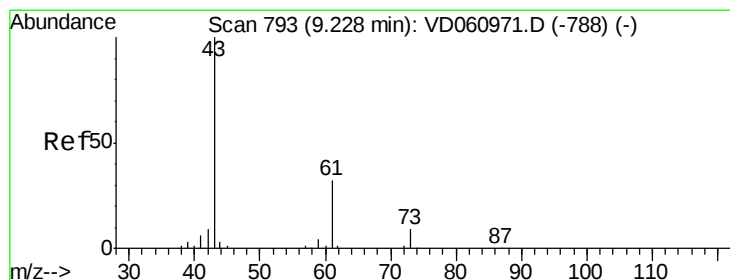
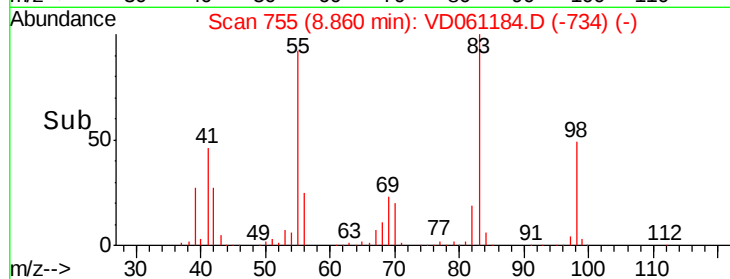
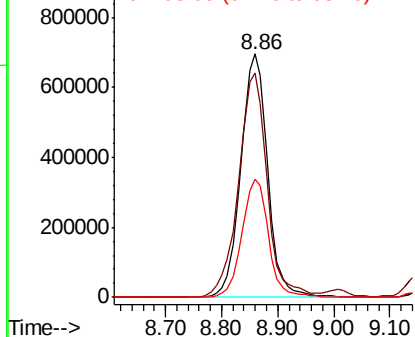
#39
Methylcyclohexane
Concen: 230.418 ug/l
RT: 8.86 min Scan# 755
Delta R.T. 0.01 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

Tgt Ion: 83 Resp: 2297071
Ion Ratio Lower Upper
83 100
55 92.3 69.6 104.4
98 48.7 40.0 60.0

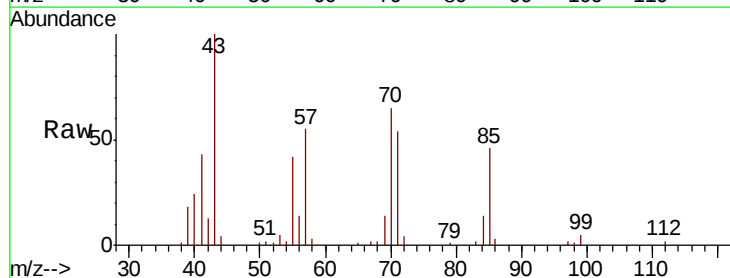


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

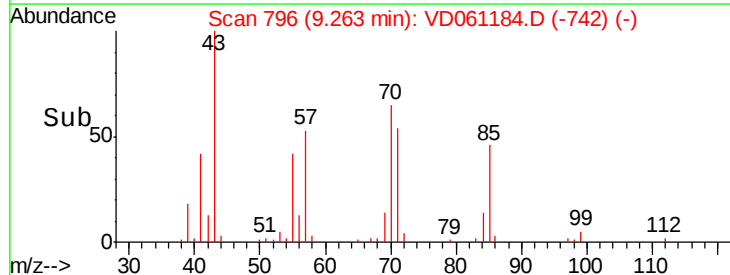
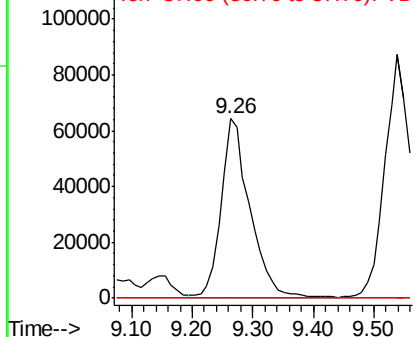


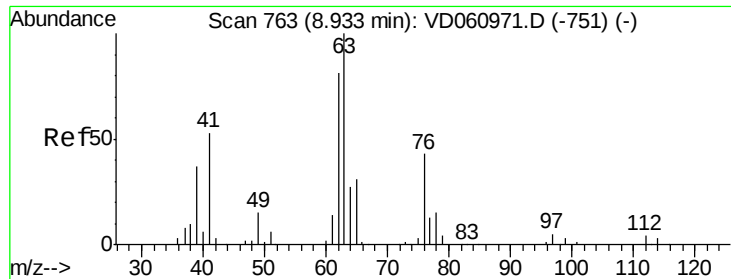
#43
Isopropyl Acetate
Concen: 33.154 ug/l
RT: 9.26 min Scan# 796
Delta R.T. 0.03 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 43 Resp: 207168
Ion Ratio Lower Upper
43 100
61 0.0 25.6 38.4#
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC





#45

1,2-Dichloropropane

Concen: 3.388 ug/l

RT: 8.86 min Scan# 755

Delta R.T. -0.07 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

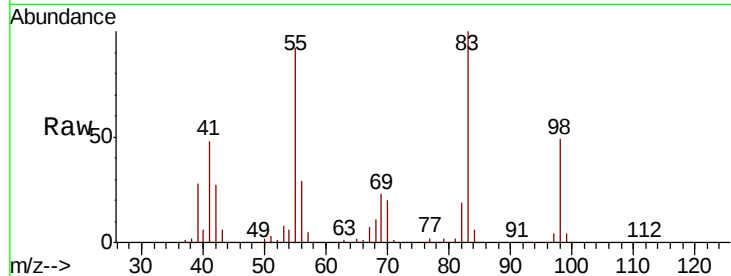
P-9-W.WALL-N.CENTER

Tgt Ion: 63 Resp: 21382

Ion Ratio Lower Upper

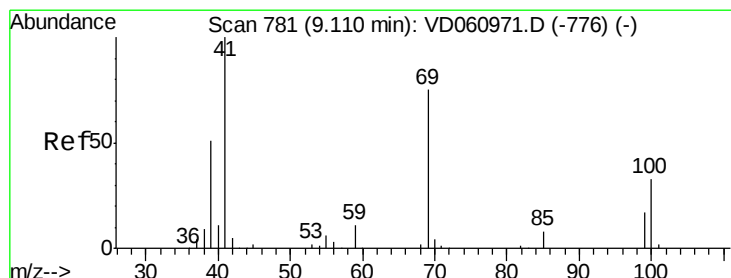
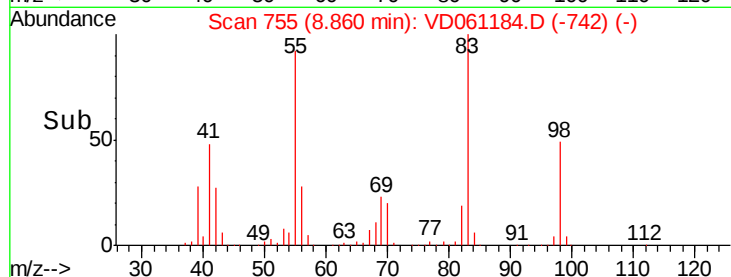
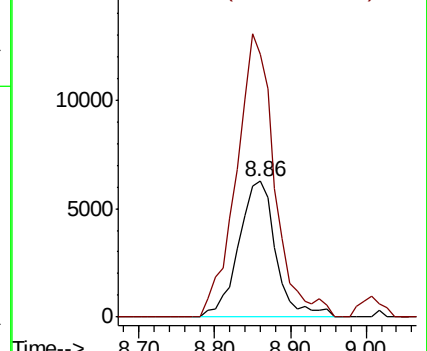
63 100

65 193.7 24.8 37.2#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#48

Methyl methacrylate

Concen: 64.640 ug/l

RT: 9.15 min Scan# 784

Delta R.T. 0.03 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

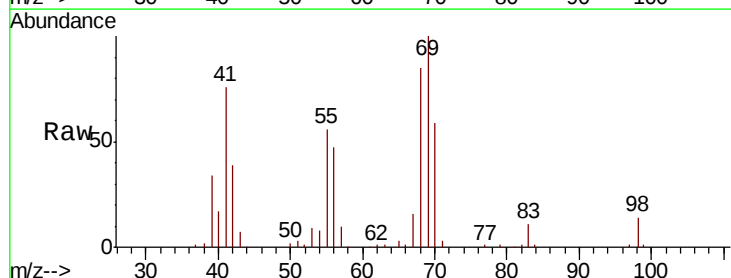
Tgt Ion: 41 Resp: 227421

Ion Ratio Lower Upper

41 100

69 132.4 59.9 89.9#

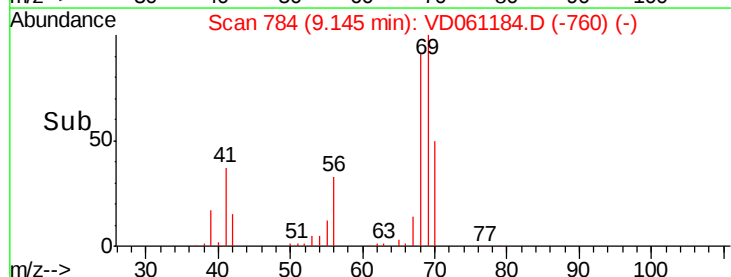
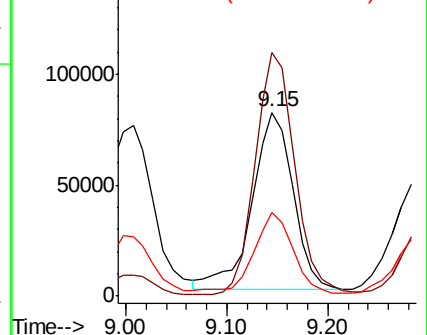
39 45.5 40.9 61.3

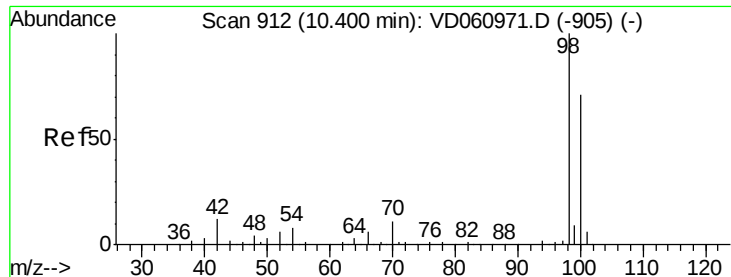


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

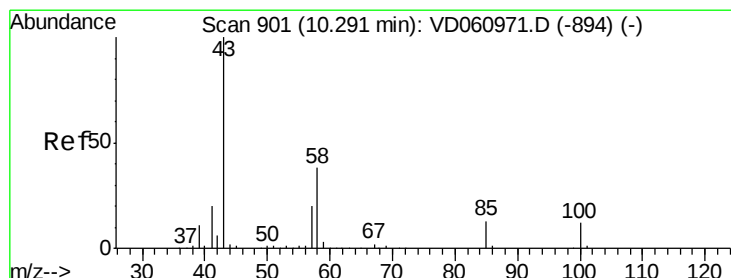
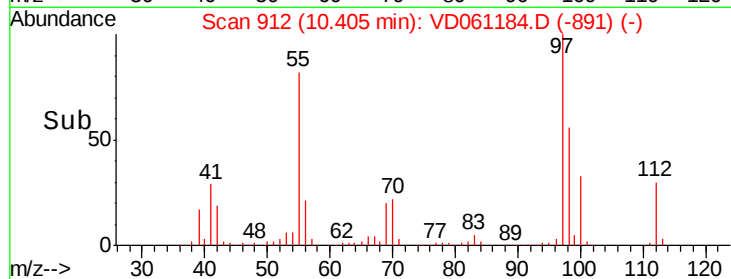
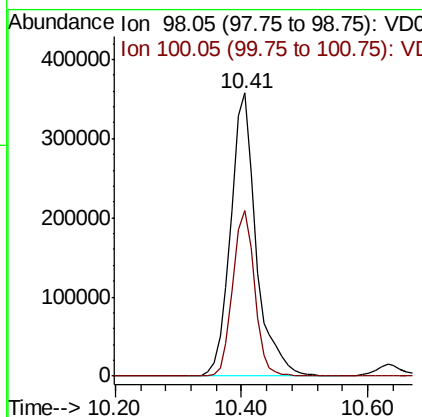
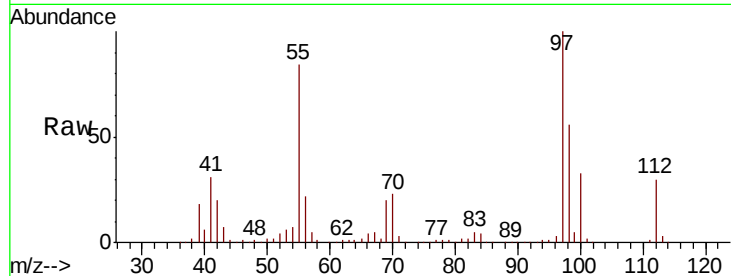




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

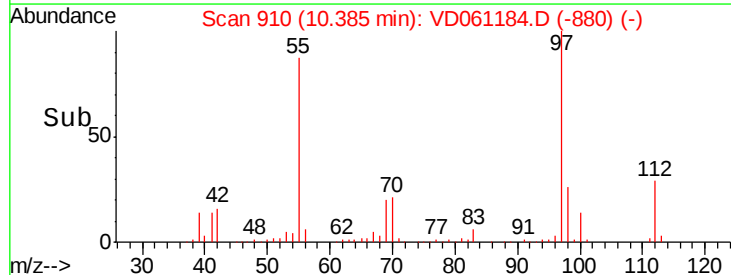
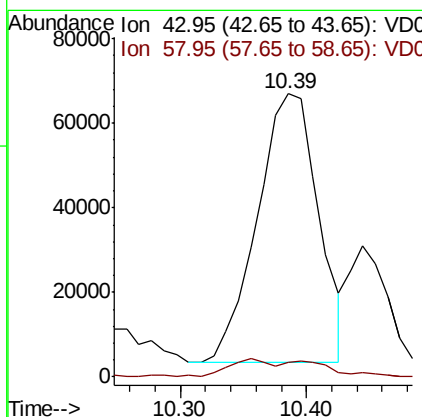
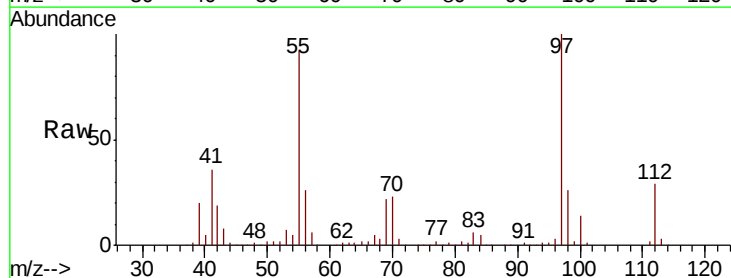
Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

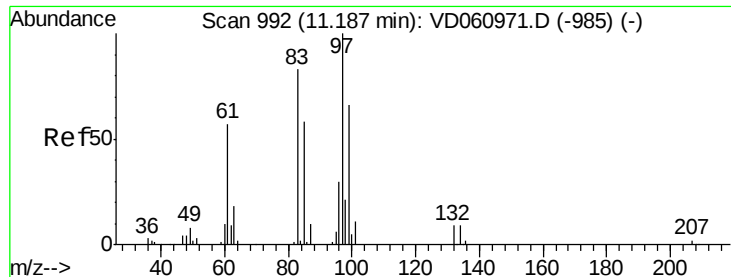
Tgt Ion: 98 Resp: 994751
Ion Ratio Lower Upper
98 100
100 58.4 57.4 86.2



#51
4-Methyl-2-Pentanone
Concen: 55.939 ug/l
RT: 10.39 min Scan# 910
Delta R.T. 0.09 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 43 Resp: 214141
Ion Ratio Lower Upper
43 100
58 5.0 30.2 45.2#





#55

1,1,2-Trichloroethane

Concen: 15.713 ug/l

RT: 11.24 min Scan# 997

Delta R.T. 0.05 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

Tgt Ion: 97 Resp: 78171

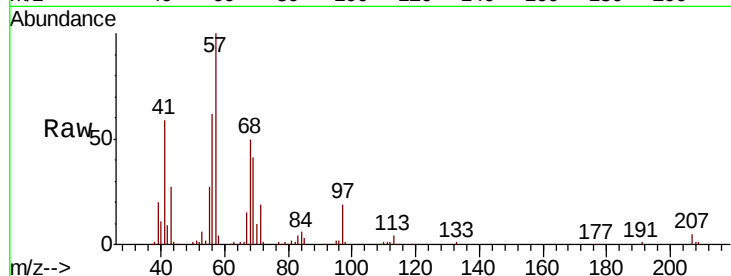
Ion Ratio Lower Upper

97 100

83 22.5 66.6 100.0#

85 13.8 46.4 69.6#

99 0.0 52.4 78.6#

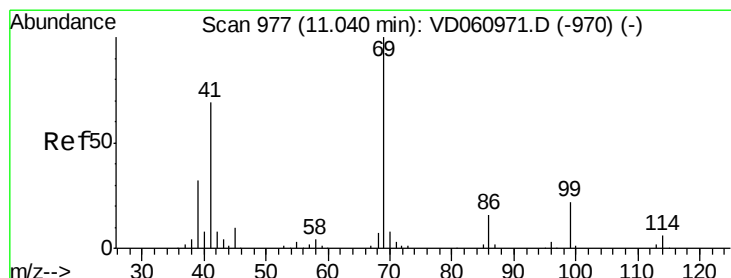
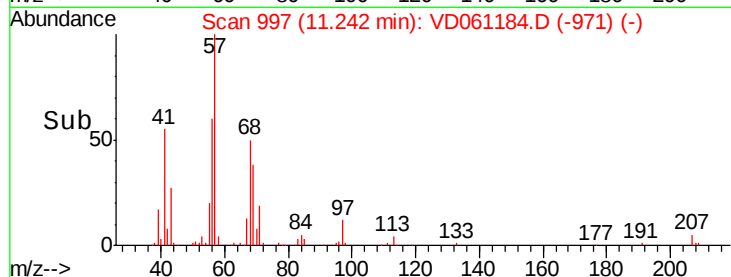
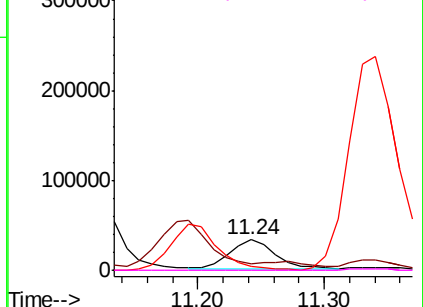


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 56.172 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.05 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

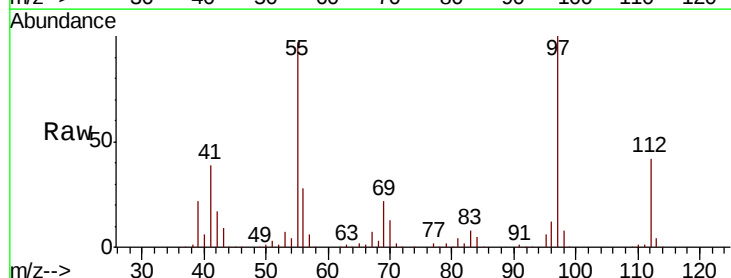
Tgt Ion: 69 Resp: 292506

Ion Ratio Lower Upper

69 100

41 173.0 55.5 83.3#

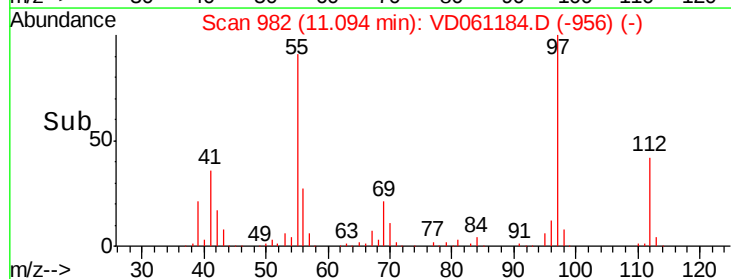
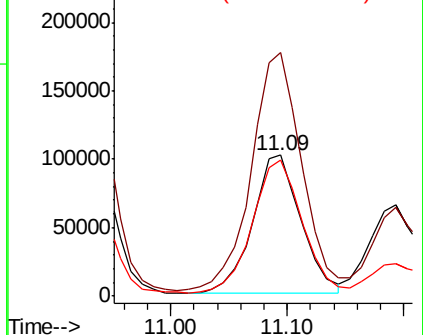
39 97.0 26.2 39.2#

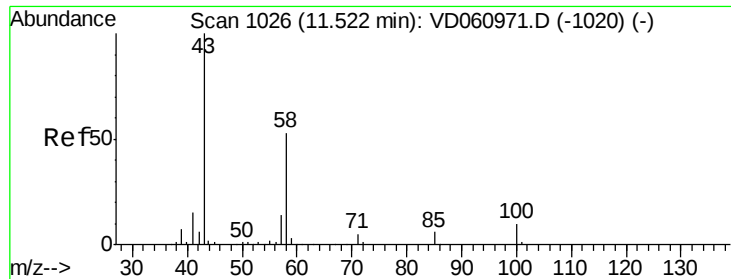


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

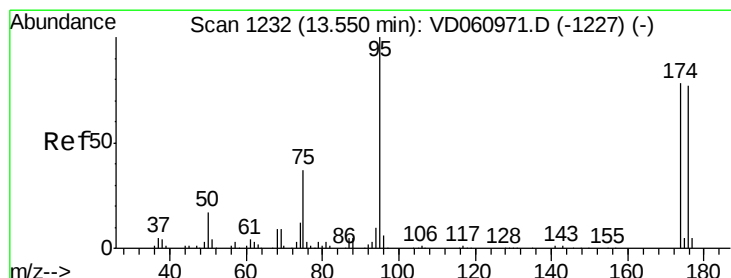
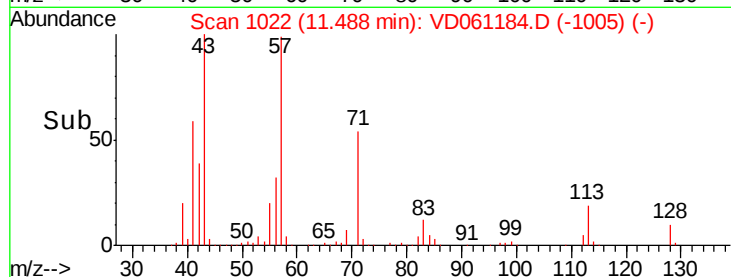
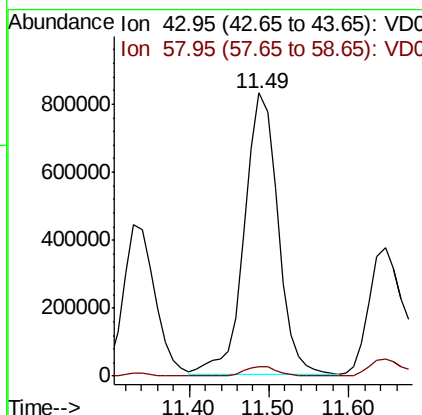
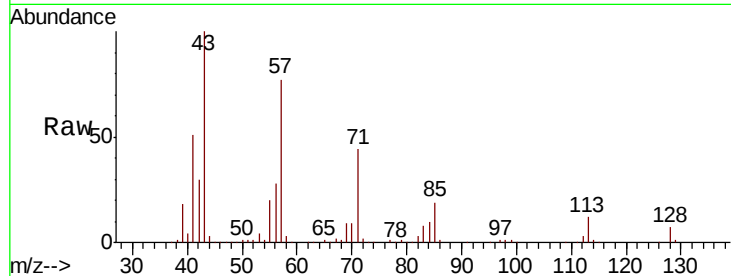




#59
2-Hexanone
Concen: 855.073 ug/l
RT: 11.49 min Scan# 1022
Delta R.T. -0.03 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

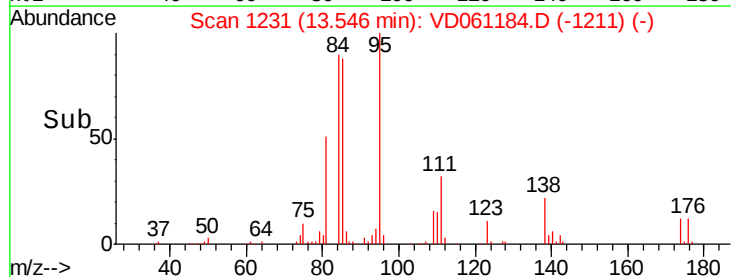
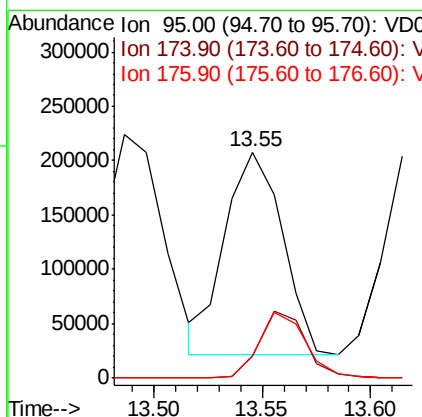
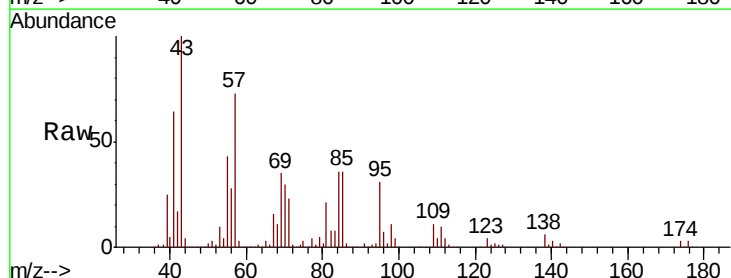
Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

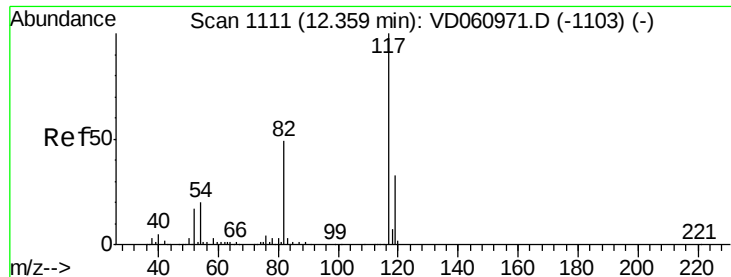
Tgt Ion: 43 Resp: 2394426
Ion Ratio Lower Upper
43 100
58 3.5 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 95 Resp: 345228
Ion Ratio Lower Upper
95 100
174 9.7 0.0 155.6
176 9.6 0.0 153.8

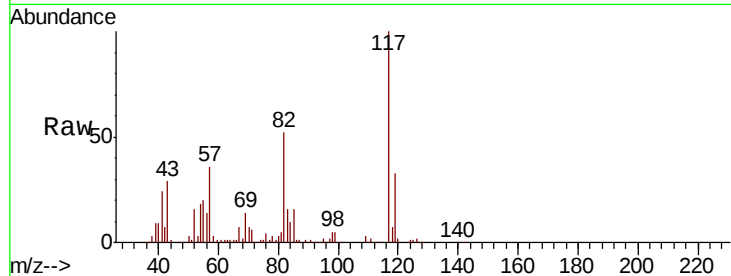




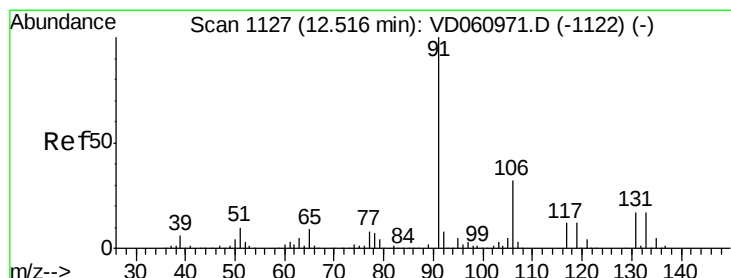
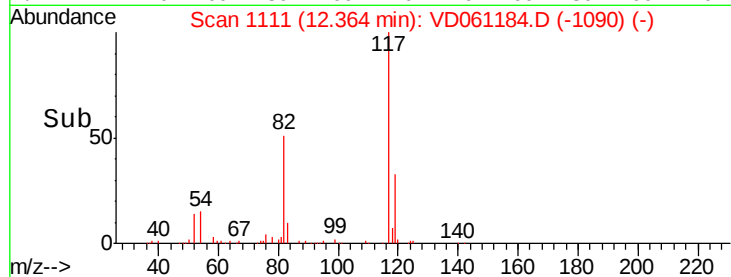
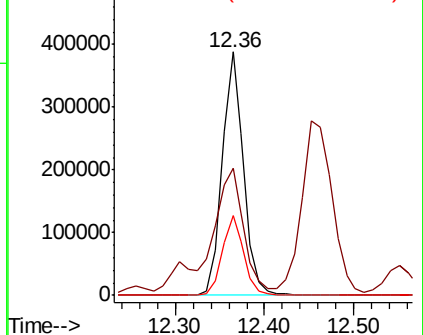
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

Tgt Ion: 117 Resp: 652204
Ion Ratio Lower Upper
117 100
82 52.0 38.9 58.3
119 32.7 26.6 39.8

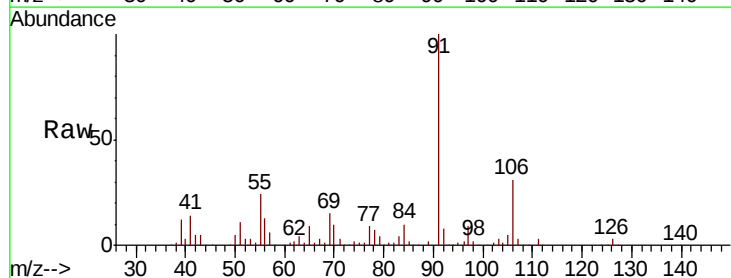


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

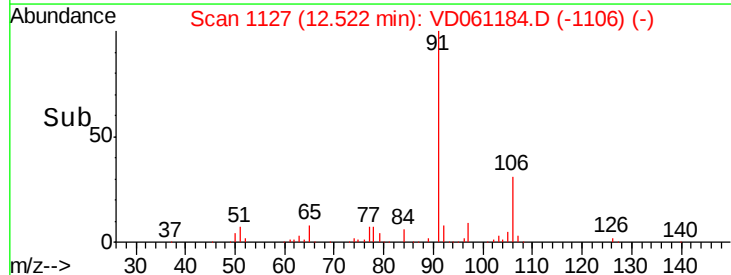
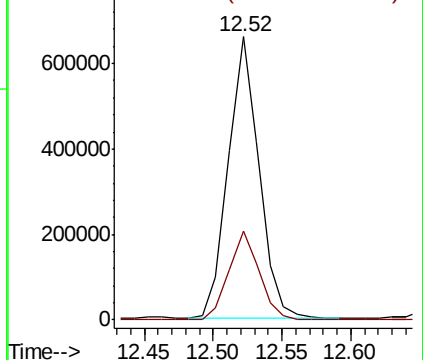


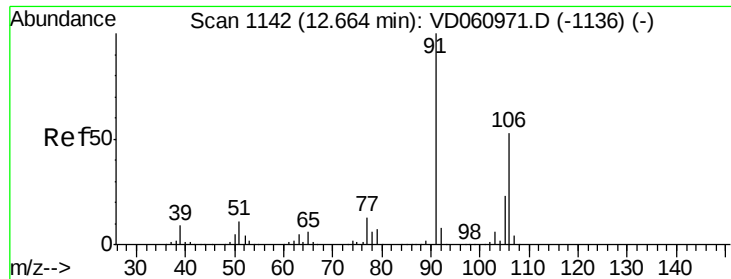
#67
Ethyl Benzene
Concen: 53.948 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.01 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 91 Resp: 1026904
Ion Ratio Lower Upper
91 100
106 31.4 25.7 38.5



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

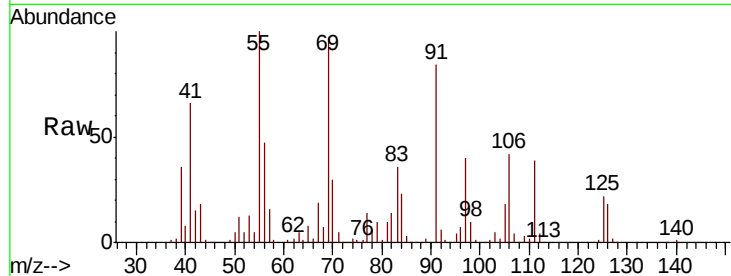




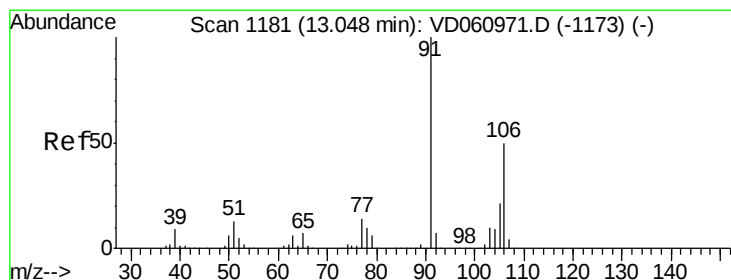
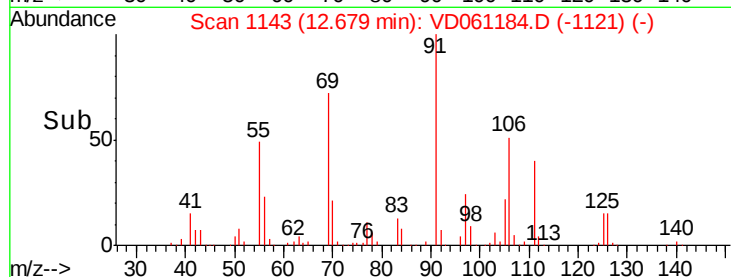
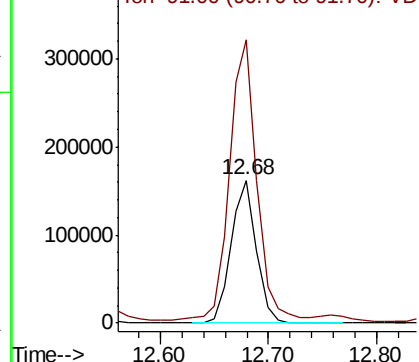
#68
m/p-Xylenes
Concen: 34.735 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.02 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

Tgt Ion:106 Resp: 259514
Ion Ratio Lower Upper
106 100
91 198.2 152.0 228.0

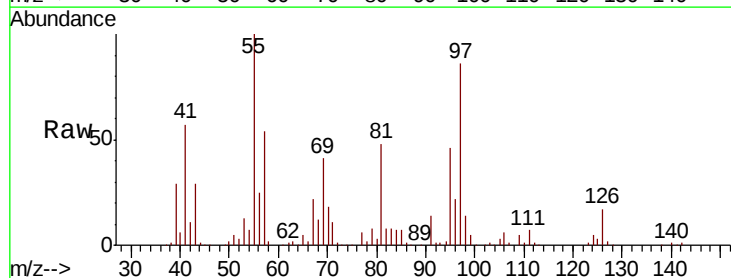


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

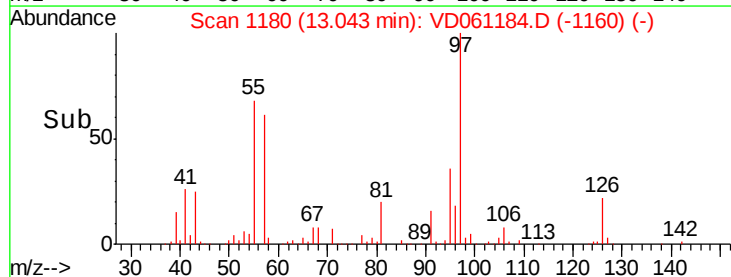
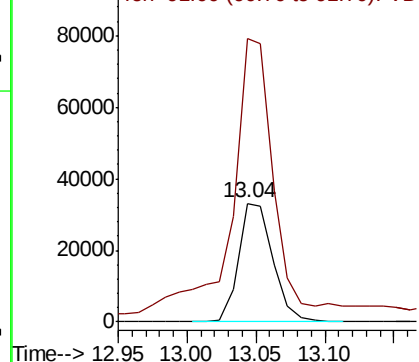


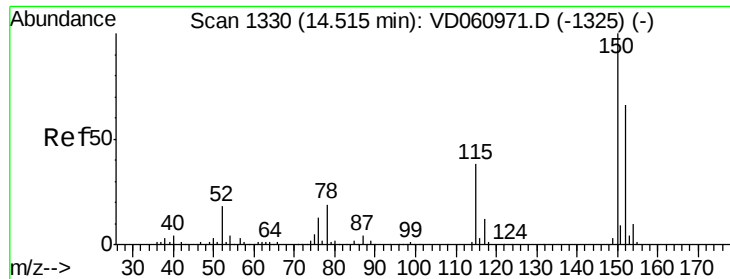
#69
o-Xylene
Concen: 7.775 ug/l
RT: 13.04 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion:106 Resp: 57099
Ion Ratio Lower Upper
106 100
91 239.4 99.8 299.3



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

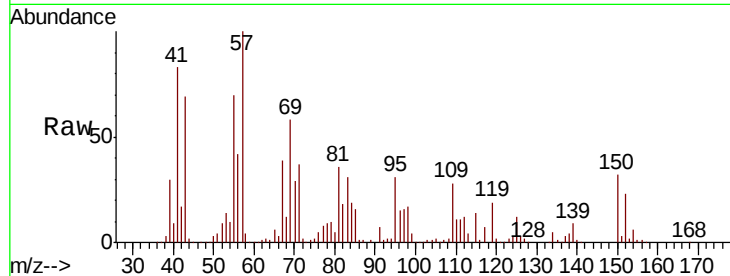
Tgt Ion:152 Resp: 169391

Ion Ratio Lower Upper

152 100

115 62.9 28.6 85.9

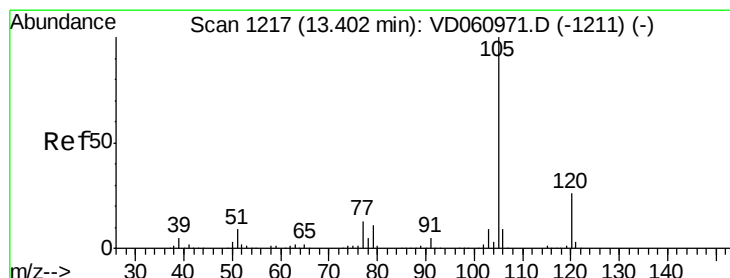
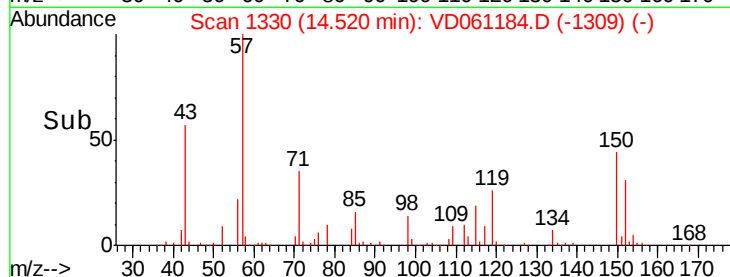
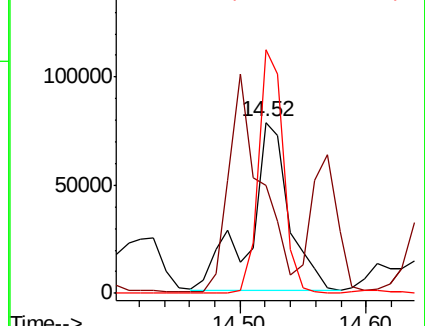
150 142.4 0.0 310.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 175.191 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061184.D

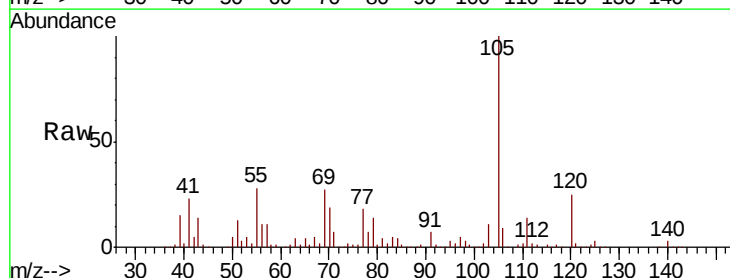
Acq: 19 Mar 2019 14:49

Tgt Ion:105 Resp: 2138666

Ion Ratio Lower Upper

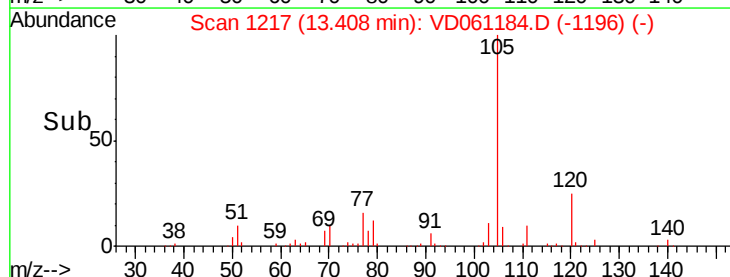
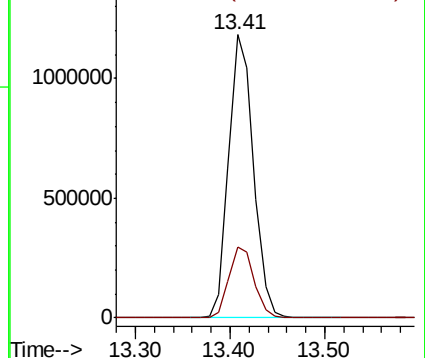
105 100

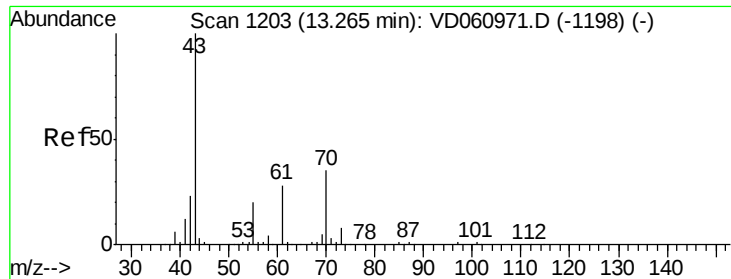
120 25.0 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

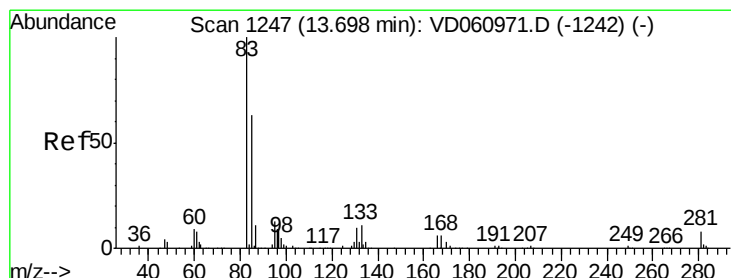
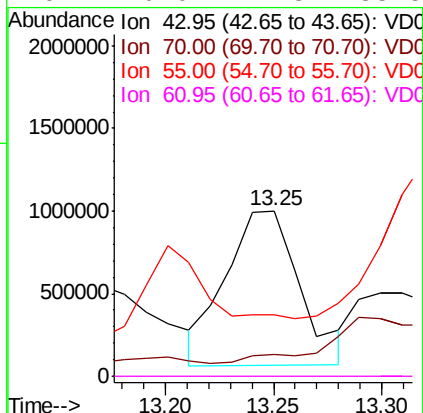
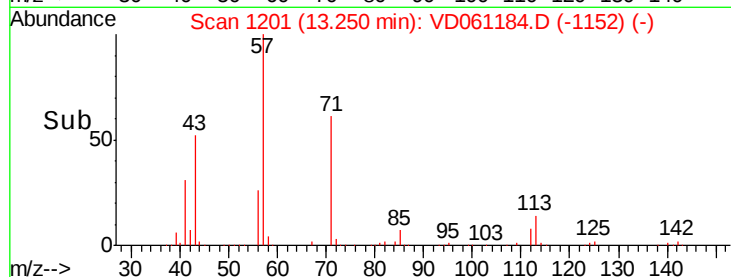
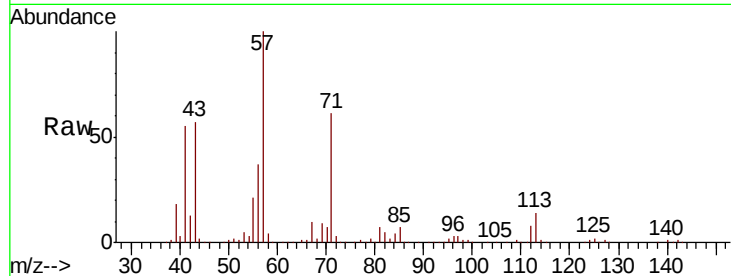




#74
N-ethyl acetate
Concen: 651.644 ug/l
RT: 13.25 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

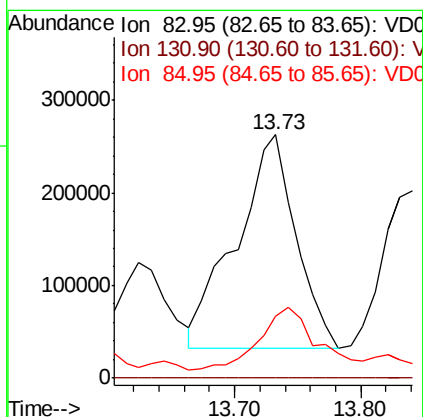
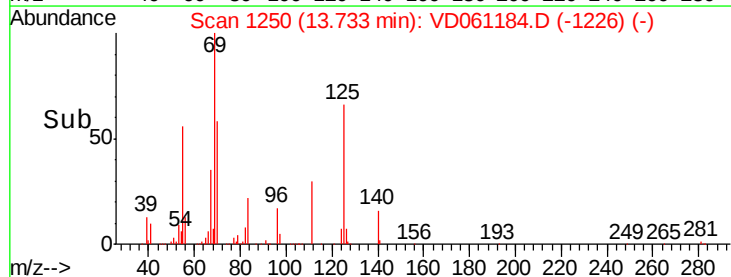
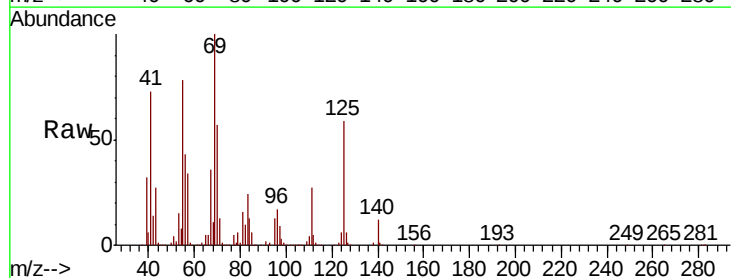
Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

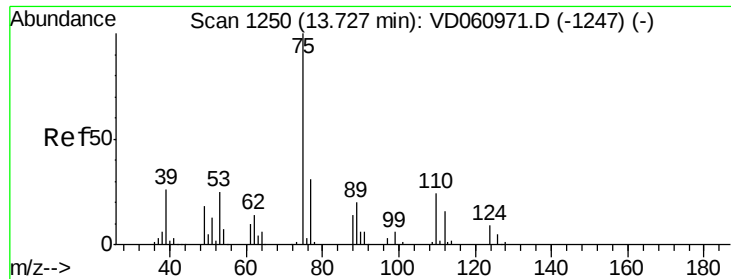
Tgt Ion: 43 Resp: 2239955
Ion Ratio Lower Upper
43 100
70 13.0 27.7 41.5#
55 37.0 16.2 24.2#
61 0.0 22.3 33.5#



#75
1,1,2,2-Tetrachloroethane
Concen: 318.079 ug/l
RT: 13.73 min Scan# 1250
Delta R.T. 0.03 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 83 Resp: 757596
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 25.3 31.5 94.5#

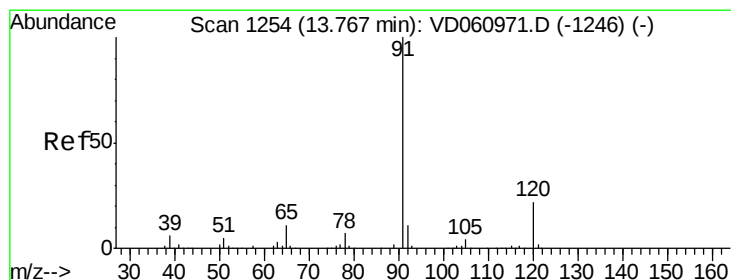
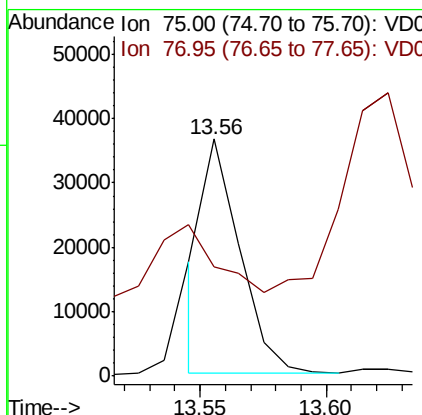
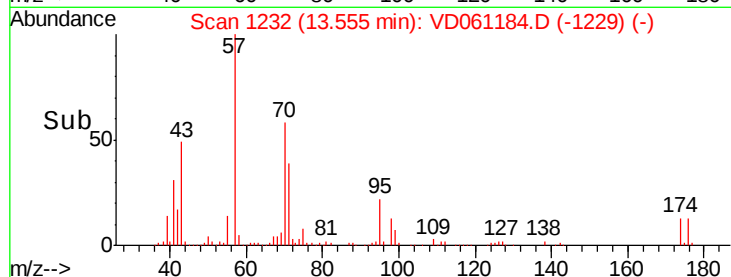
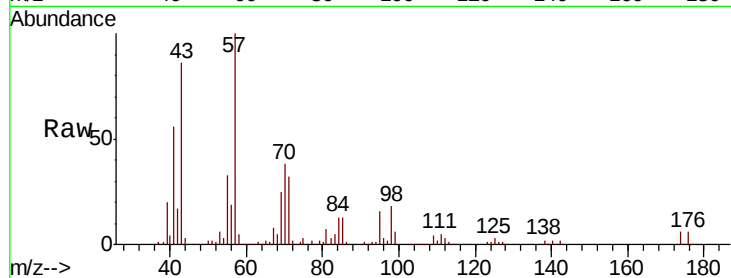




#76
1,2,3-Trichloropropane
Concen: 15.011 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

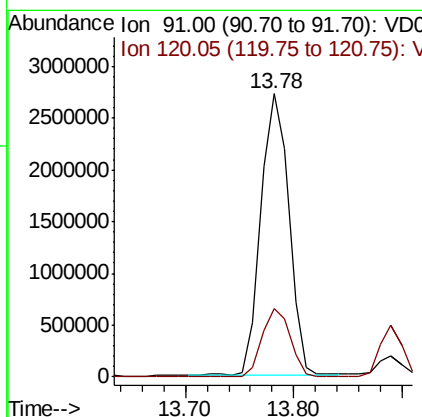
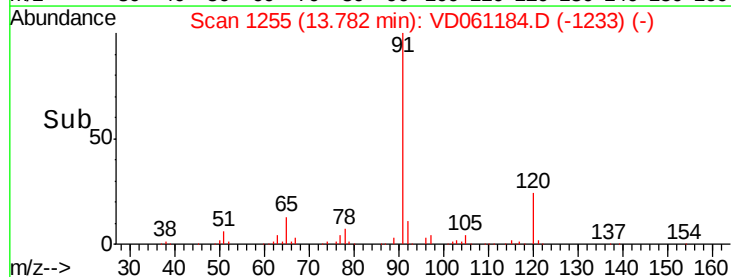
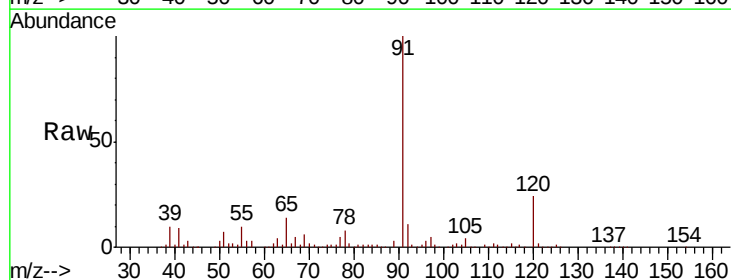
Instrument :
MSVOA_D
ClientSampleId :
P-9-W.WALL-N.CENTER

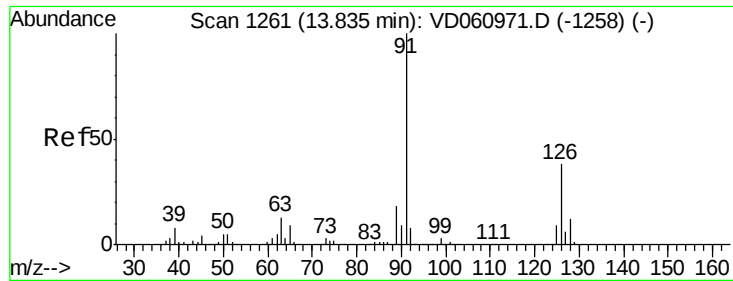
Tgt Ion: 75 Resp: 36582
Ion Ratio Lower Upper
75 100
77 46.2 16.6 49.7



#78
n-propylbenzene
Concen: 345.430 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.02 min
Lab File: VD061184.D
Acq: 19 Mar 2019 14:49

Tgt Ion: 91 Resp: 4936696
Ion Ratio Lower Upper
91 100
120 24.0 10.8 32.3

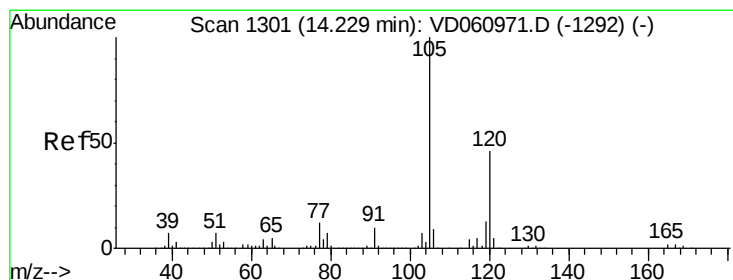
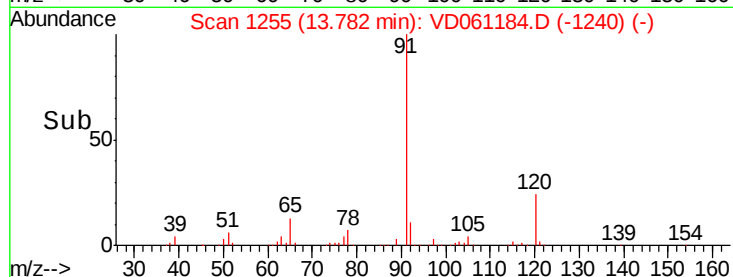
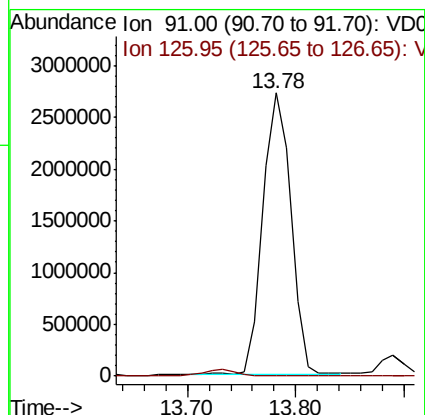
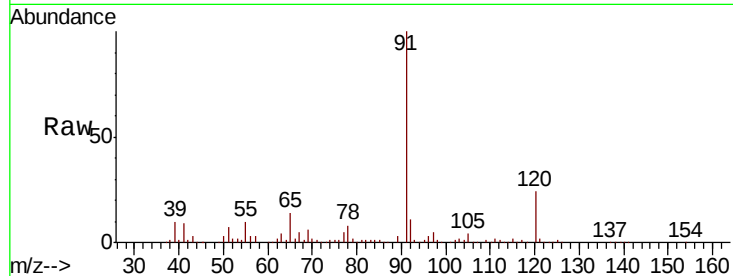




#79
 2-Chlorotoluene
 Concen: 627.437 ug/l
 RT: 13.78 min Scan# 1255
 Delta R.T. -0.05 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

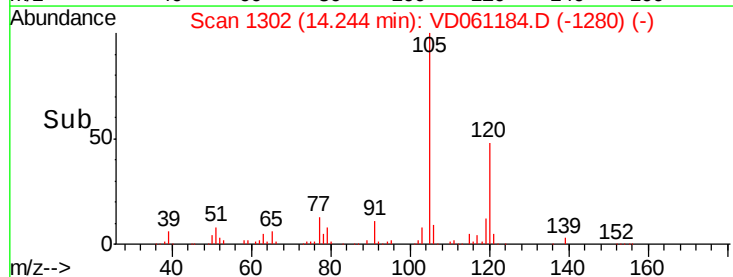
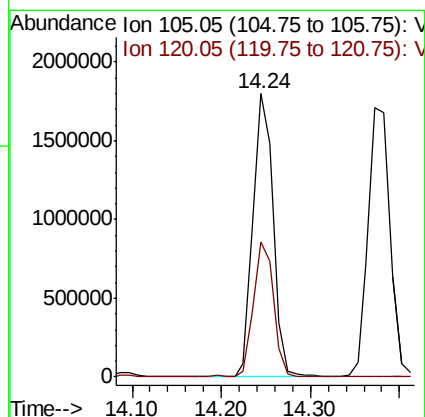
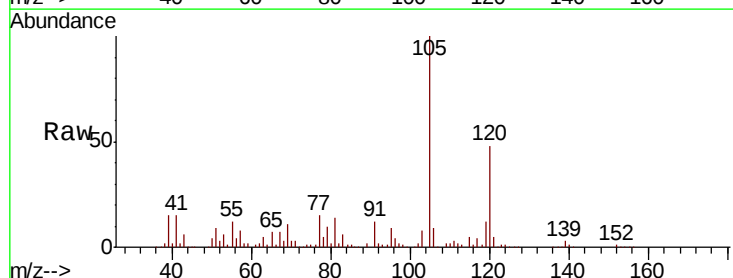
Instrument :
 MSVOA_D
 ClientSampleId :
 P-9-W.WALL-N.CENTER

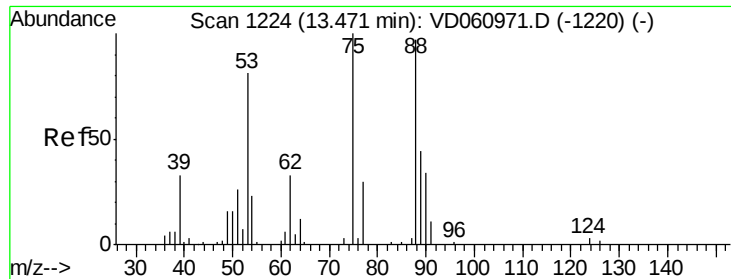
Tgt Ion: 91 Resp: 4936696
 Ion Ratio Lower Upper
 91 100
 126 0.1 18.6 55.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 299.164 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.02 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

Tgt Ion: 105 Resp: 2772535
 Ion Ratio Lower Upper
 105 100
 120 47.9 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 37.123 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.06 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

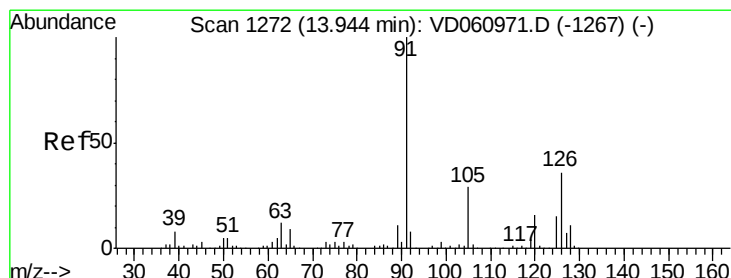
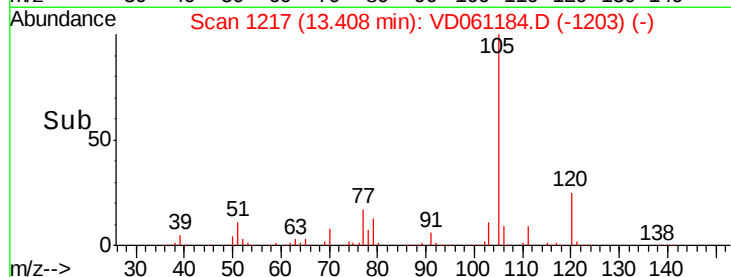
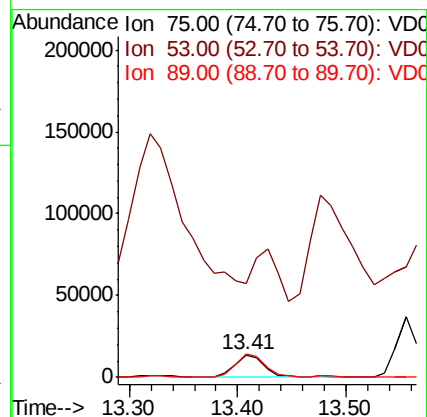
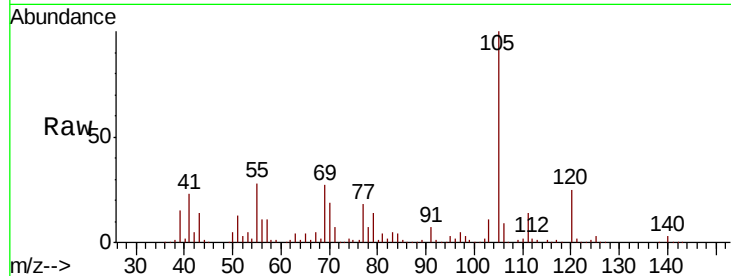
Tgt Ion: 75 Resp: 26672

Ion Ratio Lower Upper

75 100

53 418.2 64.4 96.6#

89 106.5 34.8 52.2#



#82

4-Chlorotoluene

Concen: 32.762 ug/l

RT: 13.89 min Scan# 1266

Delta R.T. -0.05 min

Lab File: VD061184.D

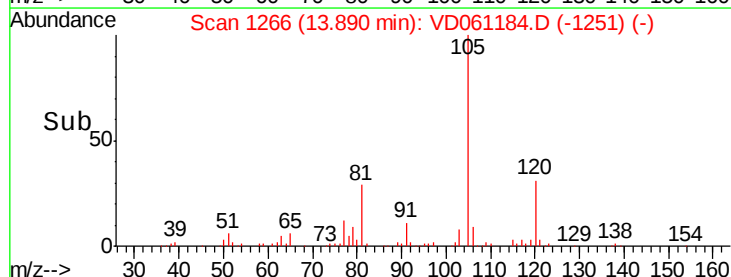
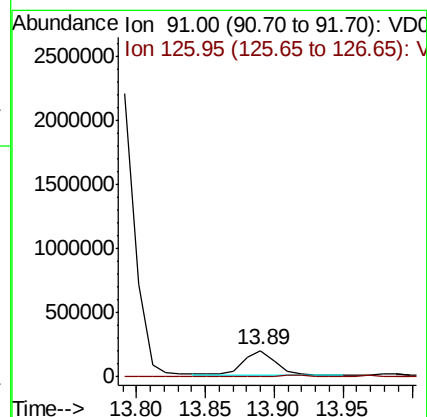
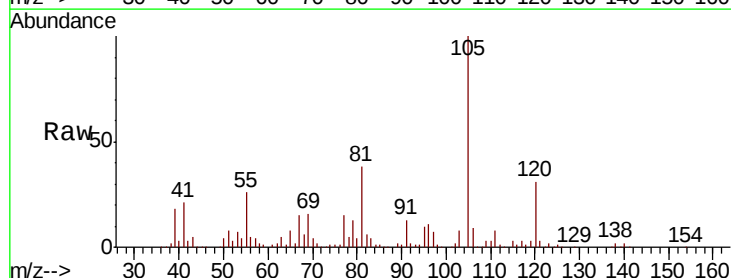
Acq: 19 Mar 2019 14:49

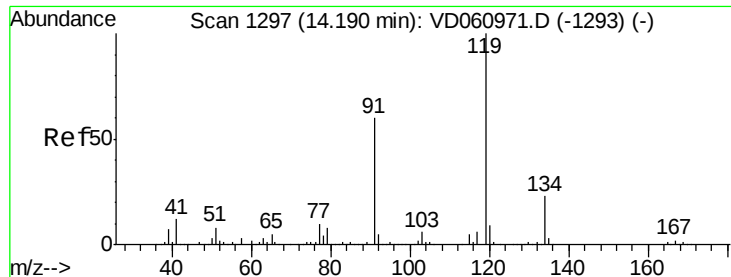
Tgt Ion: 91 Resp: 304737

Ion Ratio Lower Upper

91 100

126 1.2 18.0 54.0#





#83

tert-Butylbenzene

Concen: 13.248 ug/l

RT: 14.20 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

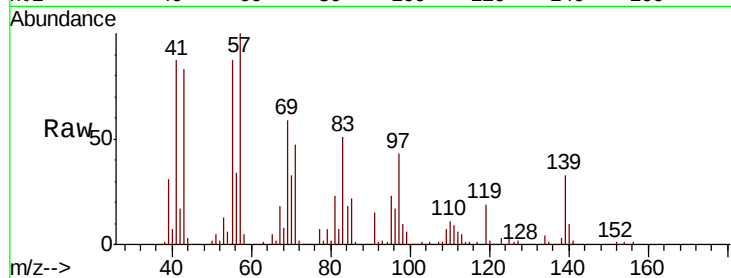
Tgt Ion:119 Resp: 134370

Ion Ratio Lower Upper

119 100

91 81.4 30.1 90.3

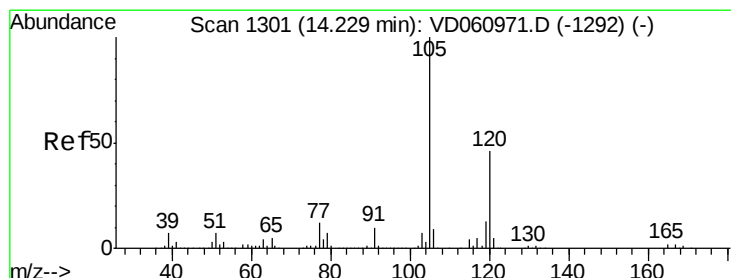
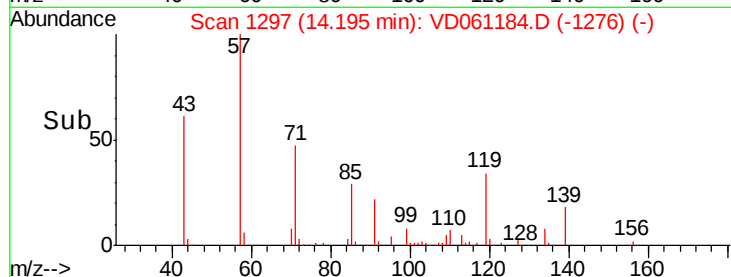
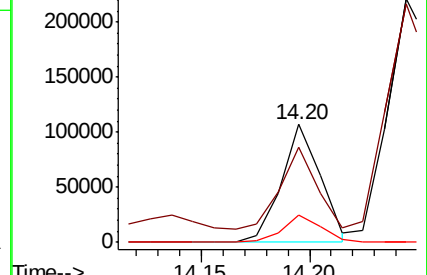
134 22.9 11.6 34.7



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 299.164 ug/l

RT: 14.24 min Scan# 1302

Delta R.T. 0.02 min

Lab File: VD061184.D

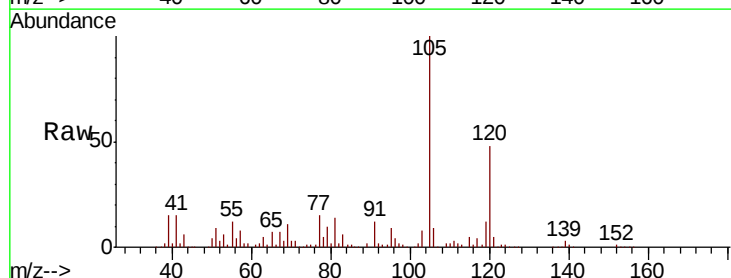
Acq: 19 Mar 2019 14:49

Tgt Ion:105 Resp: 2772535

Ion Ratio Lower Upper

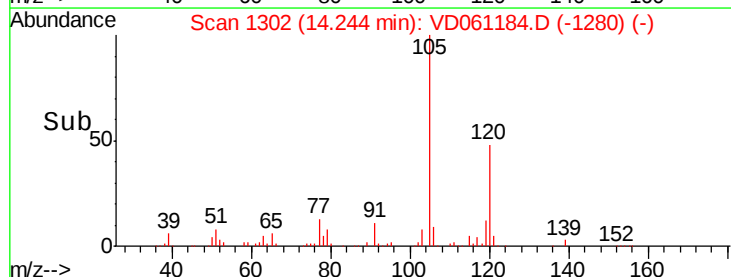
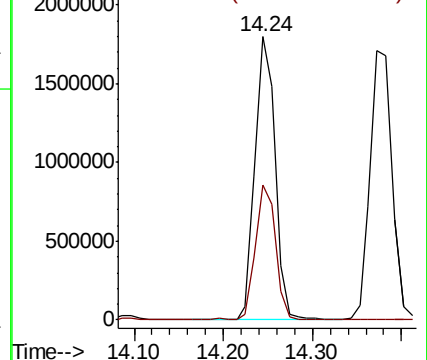
105 100

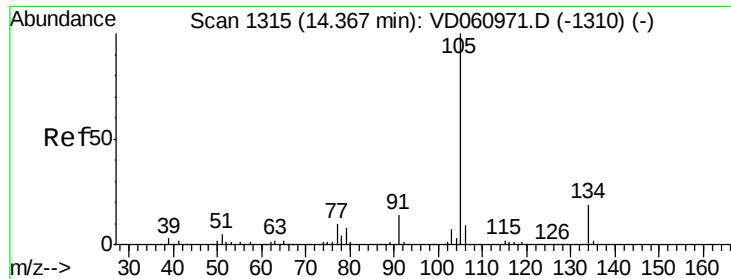
120 47.9 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

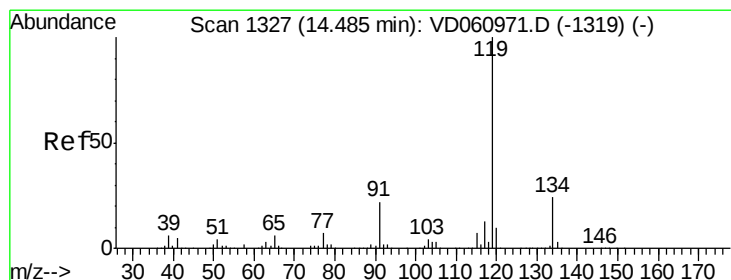
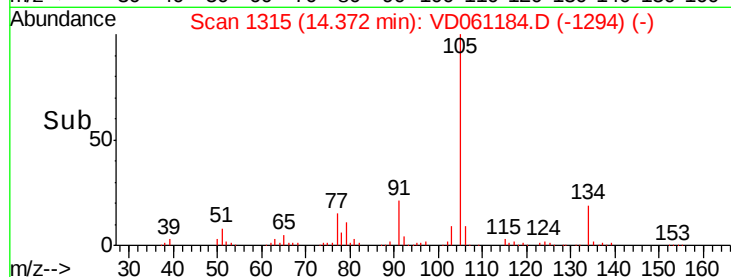
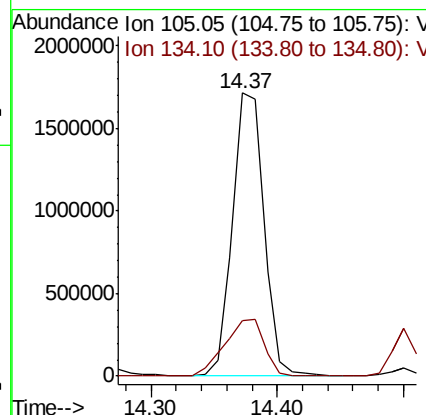
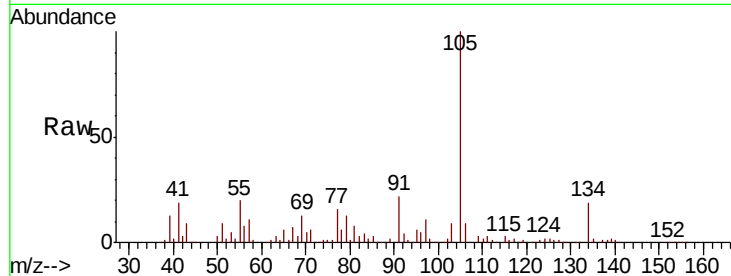




#85
 sec-Butylbenzene
 Concen: 236.554 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.01 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

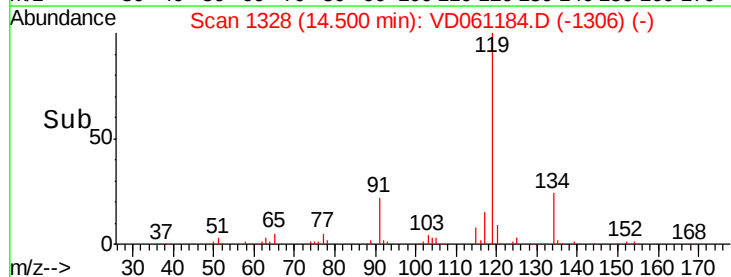
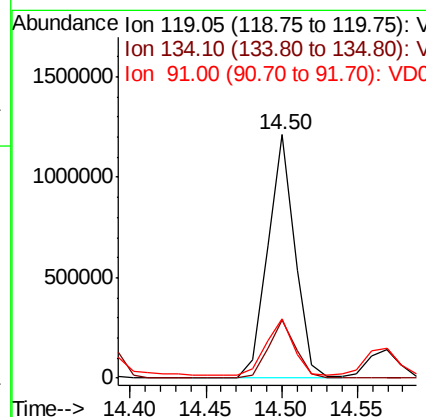
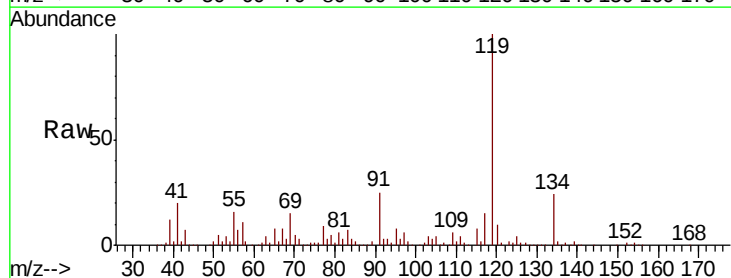
Instrument :
 MSVOA_D
 ClientSampleId :
 P-9-W.WALL-N.CENTER

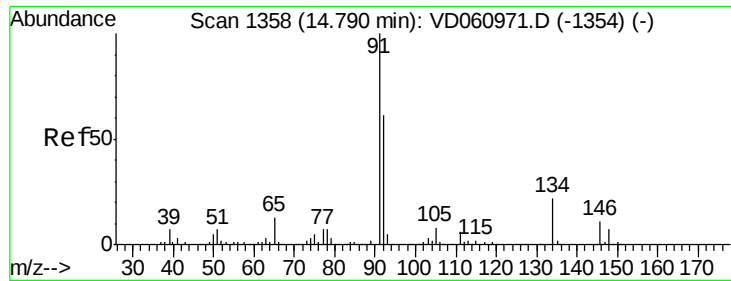
Tgt Ion:105 Resp: 2928964
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 150.687 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.02 min
 Lab File: VD061184.D
 Acq: 19 Mar 2019 14:49

Tgt Ion:119 Resp: 1525085
 Ion Ratio Lower Upper
 119 100
 134 23.9 12.0 36.1
 91 24.5 11.2 33.6





#89

n-Butylbenzene

Concen: 168.412 ug/l

RT: 14.80 min Scan# 1358

Delta R.T. 0.01 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

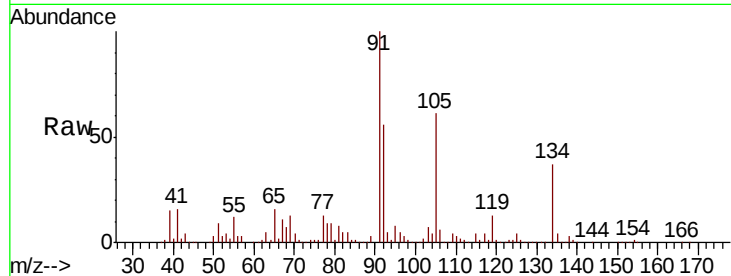
Tgt Ion: 91 Resp: 1636844

Ion Ratio Lower Upper

91 100

92 56.3 30.6 91.8

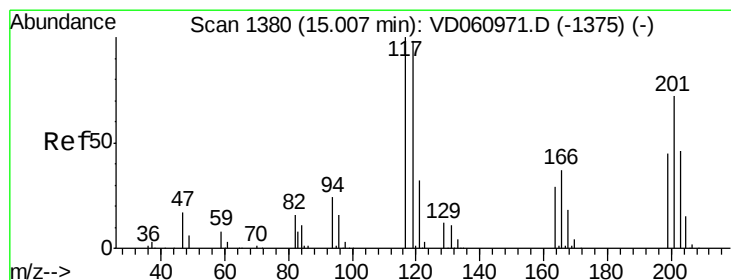
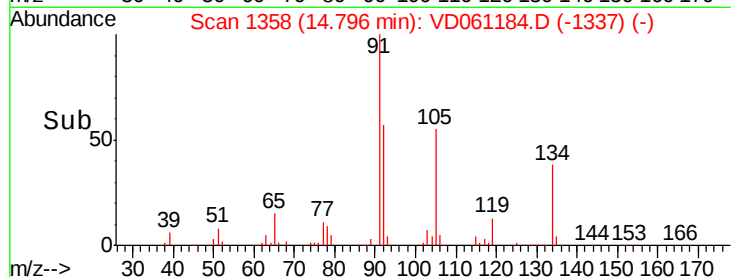
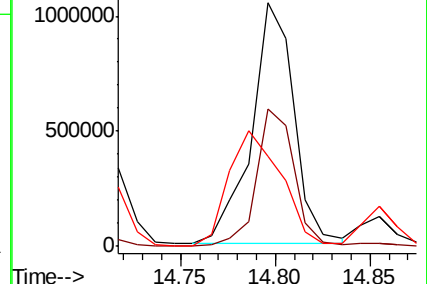
134 37.1 11.0 33.0#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 52.390 ug/l

RT: 14.97 min Scan# 1376

Delta R.T. -0.03 min

Lab File: VD061184.D

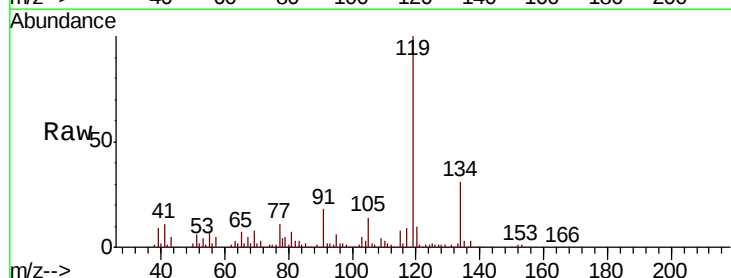
Acq: 19 Mar 2019 14:49

Tgt Ion: 117 Resp: 149724

Ion Ratio Lower Upper

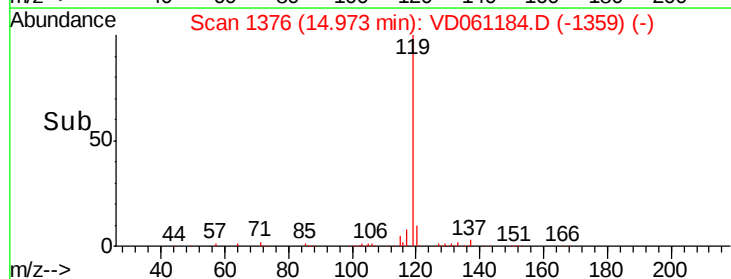
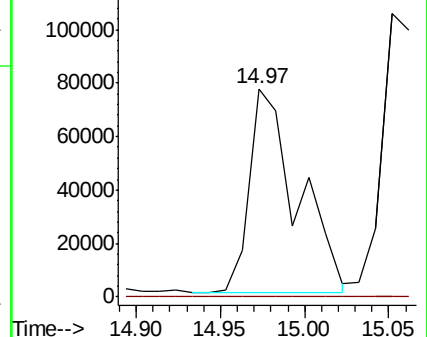
117 100

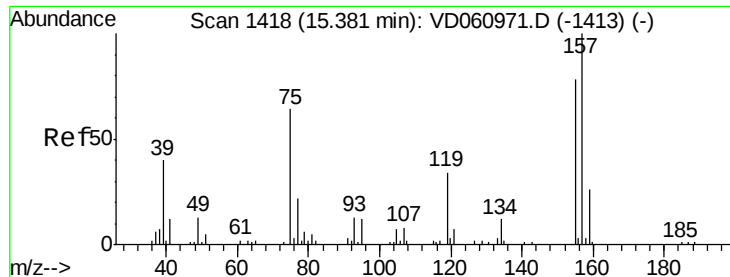
201 0.0 36.2 108.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 6.860 ug/l

RT: 15.38 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

Instrument :

MSVOA_D

ClientSampleId :

P-9-W.WALL-N.CENTER

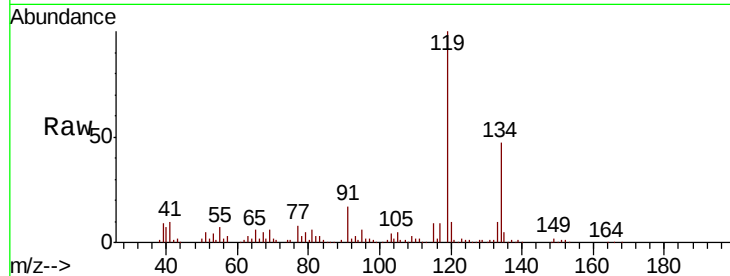
Tgt Ion: 75 Resp: 1969

Ion Ratio Lower Upper

75 100

155 0.0 61.2 183.5#

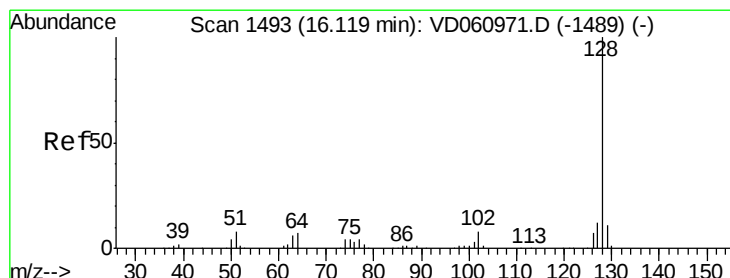
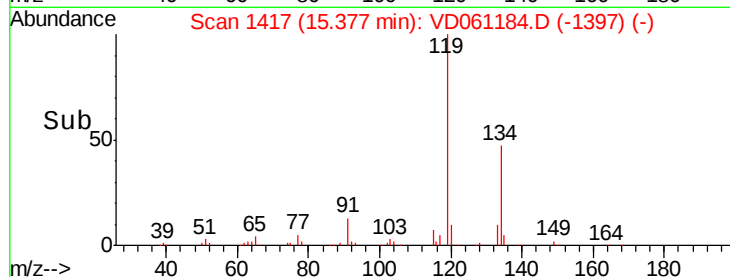
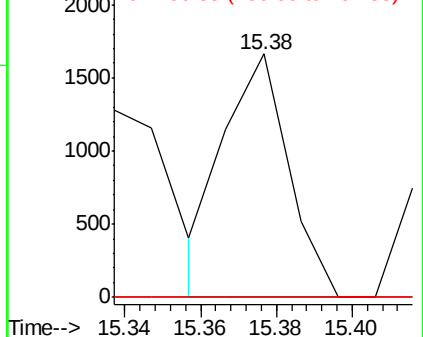
157 0.0 78.3 234.8#



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



#95

Naphthalene

Concen: 2.702 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VD061184.D

Acq: 19 Mar 2019 14:49

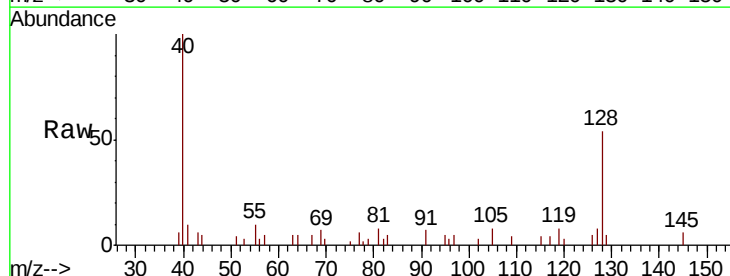
Tgt Ion: 128 Resp: 8837

Ion Ratio Lower Upper

128 100

127 14.4 9.8 14.8

129 10.2 8.5 12.7



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

